## EX20.22

# Toronto 2017 BUDGET JULIE CAPITAL BUDGET NOTES



## Toronto Water

## 2017 2026 Capital Budget and Plan Overview

Toronto Water is responsible for water treatment and supply; wastewater collection and treatment; and stormwater management across the City. It services 3.6 million residents and businesses in Toronto and portions of York and Peel Region.

Toronto Water has stewardship of an inventory of capital assets valued at \$28.415 billion. Toronto Water maintains two categories of capital assets, linear infrastructure, such as distribution (5,551 km) and transmission (550 km) watermains, sanitary (3,730 km), combined (1,411 km) and storm (4,981 km) sewers; and facilities/plant assets such as water filtration (4) and waste water treatment plants (4), water (18) and wastewater pumping stations (87), reservoirs, storage and detention tanks.

State of Good Repair (SOGR) projects remain a priority given the significant backlog in infrastructure renewal, with considerable funding also included in the 2017-2026 Capital Budget and Plan for investments in Basement Flooding Protection and Wet Weather Flow Master Plan projects.

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## CONTACTS

### Program:

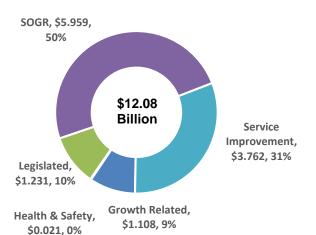
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## Corporate:

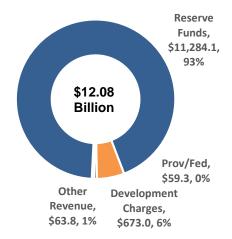
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## **Capital Spending and Financing**

## 2017-2026 Capital Budget and Plan by Expenditures Category



## **By Funding Source**



## State of Good Repair Backlog

## Where does the money go?

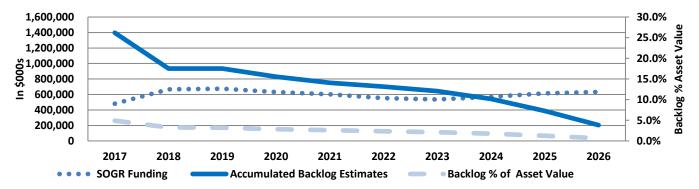
The 2017–2026 Recommended Capital Budget and Plan totalling \$12.080 billion provides funding for:

- Health and Safety, Legislated and State of Good Repair (SOGR) projects are the primary focus of the 10-Year Capital Plan. Approximately \$7.210 billion or 60% of the total funding is allocated for on-going state of good repair projects (including health and safety and legislated projects) for linear infrastructure and treatment facilities.
- Service Improvement projects account for \$3.762 billion or 31% of the total funding, and include the Basement Flooding Protection Program to reduce the risk of future flooding from extreme storm events (\$1.527 billion) and Wet Weather Flow Master Plan to improve water quality and city's environments (\$1.316 billion).
- Growth related projects at \$1.109 billion or 9% of the total funding will provide the necessary servicing capacity for projected population growth. The largest projects are the Trunk Watermain Expansion and Upgrade projects (\$0.224 billion) and New Service Connections (\$0.358 billion).

## Where does the money come from?

- Toronto Water's Capital Financing Reserves which account for approximately 93% of financing sources or \$11.284 billion are the main source of funding for the 10-Year Capital Plan.
- Development charges for growth related projects, capital cost sharing with York Region, and Provincial/Federal grants represent the remaining 7% or \$0.796 billion of the total capital financing.

The 10-Year Capital Plan includes cash flow funding of \$5.959 billion for State of Good Repair to address the backlog. The SOGR backlog of \$1.552 billion or 5.5% of asset replacement value in 2016 will be effectively eliminated by the end of 2026.



## Toronto Water

## **Key Issues & Priority Actions**

**Stormwater Management and Resiliency** - Considerable investment is required to manage basement flooding and other stormwater issues across the City which are caused by more frequent severe storms. Funding for stormwater management is projected to grow from 18% of the total capital program in 2016 to 40% in 2026.

✓ The 10-Year Capital Plan includes an added \$393.274 million for Wet Weather Flow projects that will improve the City's resiliency to extreme weather events.

**Strict Regulatory Control and Oversight** – The water and wastewater industry continues to experience increased legislative and regulatory reform.

✓ The 10-Year Capital Plan includes funding of \$596.360 million for the design and construction of a new effluent disinfection system at the Ashbridges Bay Water Treatment Plant to meet the most recent federal regulations.

**Aging Infrastructure** – Aging infrastructure that has an accumulated state of good repair backlog estimated at \$1.552 billion that, particularly for linear infrastructure, can result in service interruption.

✓ The 10-Year Capital Plan funding of \$5.959 billion for SOGR will effectively eliminate backlog by 2026.

**Long-term Financial Sustainability** - The 10-Year Capital Plan relies primarily on successive water rate increases of 5% in years 2017 and 2018 and 3% thereafter.

✓ In addition to recommended water rate increases, a report will be submitted to Executive Committee in the spring of 2017 formulating a revenue neutral stormwater management funding model premised on a dedicated stormwater charge to support Toronto Water's financial sustainability for stormwater management projects.

## 2017 Capital Budget Highlights

The 2017 Recommended Capital Budget for Toronto Water of \$729.565 million, excluding carry forward funding, will:

- Deliver continued state of good repair projects to address infrastructure renewal such as Watermain Replacement and Rehabilitation (\$171.021 million), Sewer System Replacement and Rehabilitation (\$77.347 million) and Trunk Sewer and Pumping Station projects (\$24.883 million).
- Implement Basement Flooding Protection projects (\$56.817 million), implementation of the Wet Weather Flow Master Plan (\$16.621 million), and Erosion Control projects (\$5.811 million).
- Continue to provide funding for the TRCA erosion control projects including critical erosion sites (\$12.775 million).





## 2017 Capital Budget by Project Category



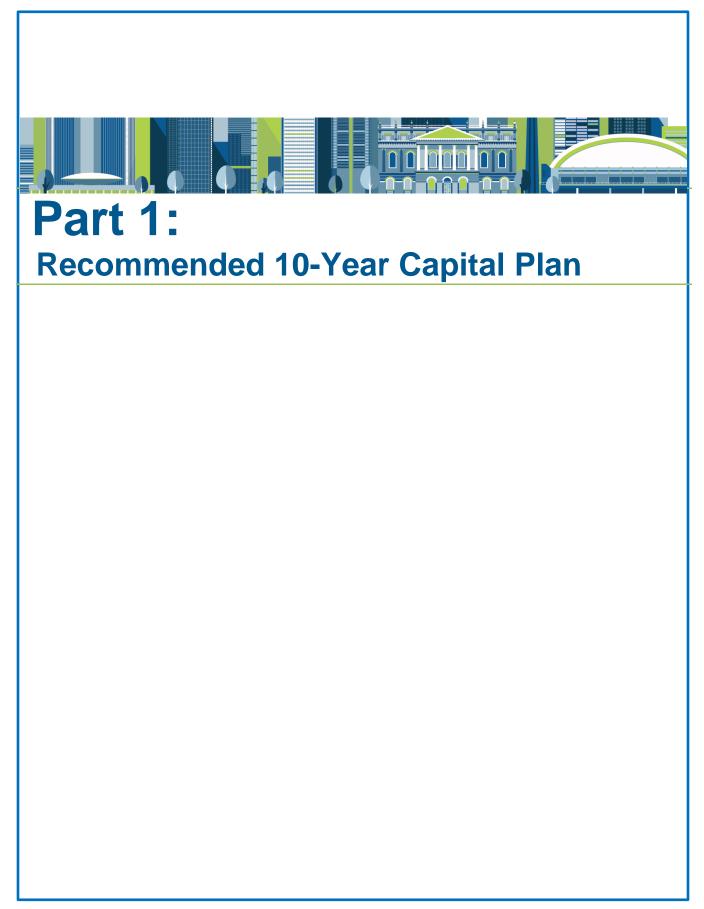
## **By Funding Source**



## **Actions for Consideration**

Approval of the 2017 Recommended Capital Budget as presented in these notes requires that:

- City Council approve the 2017 Recommended Capital Budget for Toronto Water with a total project cost of \$1.989 billion, and 2017 cash flow of \$859.144 million and future year commitments of \$4.180 billion comprised of the following:
  - a) New Cash Flow Funds for:
    - i. 248 new / change in scope sub-projects with a 2017 total project cost of \$1.989 billion that requires cash flow reduction of \$143.338 million in 2017 and future year cash flow commitments of \$413.187 million for 2018; \$365.790 million for 2019; \$334.438 million for 2020; \$197.786 million for 2021; \$179.385 million for 2022; \$187.358 million for 2023; \$188.793 million in 2024; and \$93.968 million in 2025;
    - ii. 328 previously approved sub-projects with a 2017 cash flow of \$872.903 million; and future year cash flow commitments of \$598.830 million for 2018; \$446.006 million for 2019; \$281.852 million for 2020; \$244.975 million for 2021; \$178.369 million for 2022; \$133.333 million for 2023; \$108.576 million in 2024; and \$55.630 million in 2025;
  - b) 2016 approved cash flow for 178 previously approved sub-projects with carry forward funding from 2016 into 2017 totalling \$129.579 million.
- City Council approve the 2018 2026 Recommended Capital Plan for Toronto Water totalling \$7.170 billion in project estimates, comprised of \$175.137 million for 2018; \$500.086 million for 2019; \$693.984 million for 2020; \$781.039 million for 2021; \$846.095 million for 2022; \$910.094 million for 2023; \$996.937 million for 2024; \$1.125 billion for 2025 and \$1.142 billion in 2026.
- City Council consider the operating costs/(savings) of (\$0.114) million net in 2017; \$3.233 million net in 2018; \$3.631 million net in 2019; \$0.483 million net in 2020; \$0.385 million net in 2021; \$1.038 million net in 2022; \$1.038 million net in 2022; \$0.050 million net in 2023; and \$1.0 million net in 2024, resulting from the approval of the 2017 Capital Budget for inclusion in the 2017 and future year operating budgets.
- 4. All sub-projects with third party financing be approved conditionally, subject to the receipt of such financing in 2017 and if such funding is not forthcoming, their priority and funding be reassessed by City Council relative to other City-financed priorities and needs.
- 5. City Council request the Deputy City Manager and Chief Financial Officer in consultation with the General Manager, Toronto Water to advance the 2018 cashflow for the Basement Flooding projects into 2017, should it become evident that greater than planned volume of work can be completed, and that the 2018–2026 budgeted cash flows be adjusted accordingly as part of the 2018 Budget process.
- 6. This report be considered concurrently with the 2017 Water and Wastewater Consumption Rates and Service Fees Report from the Deputy City Manager and Chief Financial Officer and General Manager for Toronto Water Any other Program specific recommendations.



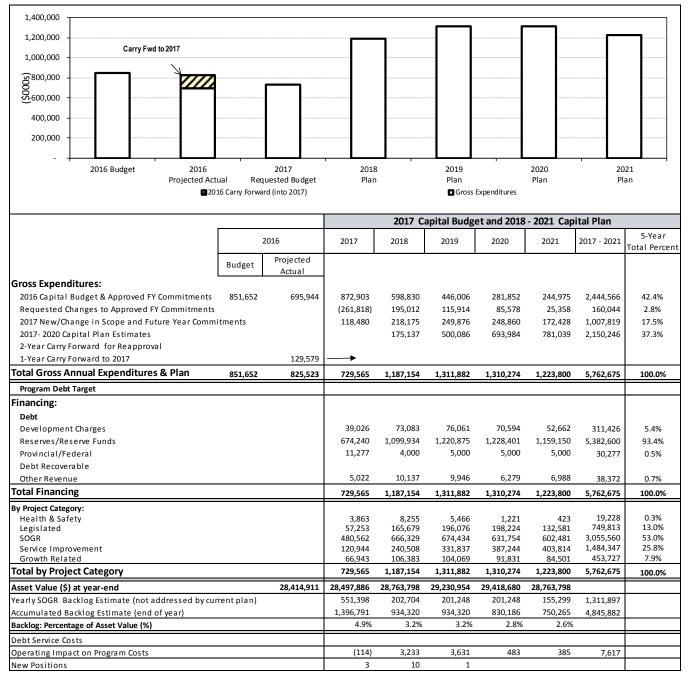


Figure 1a 10-Year Capital Plan 2017 Recommended Capital Budget and 2018 - 2021 Recommended Capital Plan

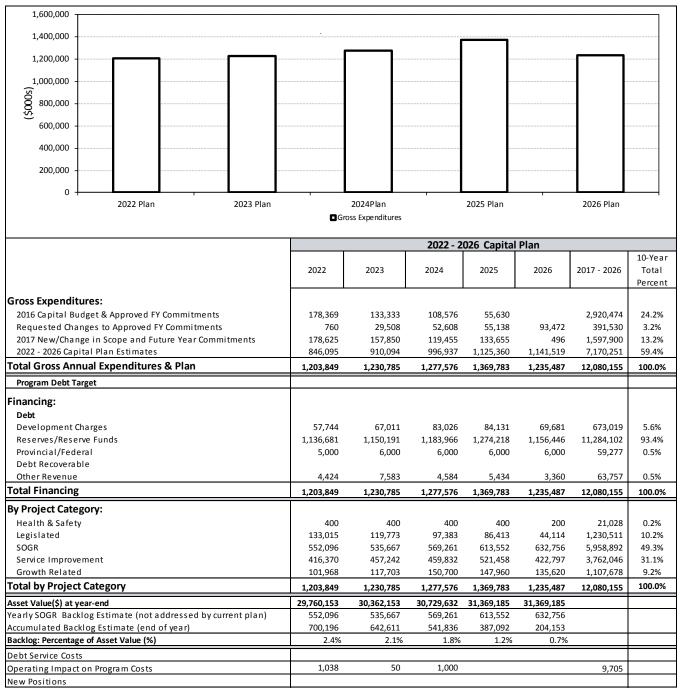
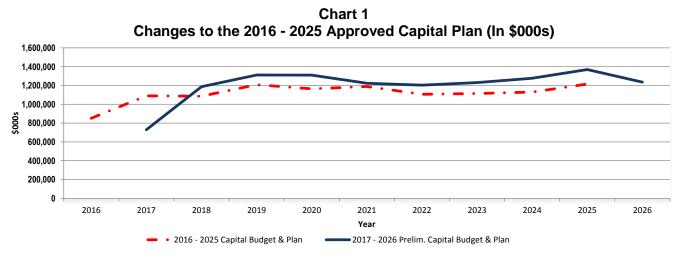


Table 1b 10-Year Capital Plan 2022 - 2026 Recommended Capital Plan

## Key Changes to the 2017 - 2025 Approved Capital Plan

The 2017 Recommended Capital Budget and the 2018 – 2026 Recommended Capital Plan reflects an increase of \$923.308 million in capital funding from the 2016 - 2025 Approved Capital Plan.

The table and chart below provide a breakdown of the \$923.308 million or 8.3% increase in the Capital Program on an annual basis from 2016 to 2026.



| (\$000s)                                  | 2016    | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      | 2026      | 10-Year<br>Total |
|---|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
| 2016 - 2025 Capital Budget & Plan         | 851,652 | 1,090,037 | 1,085,903 | 1,208,050 | 1,164,159 | 1,189,890 | 1,106,964 | 1,114,970 | 1,129,835 | 1,215,387 |           | 11,156,847       |
| 2017 - 2026 Prelim. Capital Budget & Plan |         | 729,565   | 1,187,154 | 1,311,882 | 1,310,274 | 1,223,800 | 1,203,849 | 1,230,785 | 1,277,576 | 1,369,783 | 1,235,487 | 12,080,155       |
| Change %                                  |         | -33.1%    | 9.3%      | 8.6%      | 12.6%     | 2.8%      | 8.8%      | 10.4%     | 13.1%     | 12.7%     |           | 8.3%             |
| Change \$                                 |         | -360,472  | 101,251   | 103,832   | 146,115   | 33,910    | 96,885    | 115,815   | 147,741   | 154,396   |           | 923,308          |

As made evident in the chart above, the \$923.308 million increase in the Capital Program reflects an increase of \$383.835 million in various capital projects in the outer years of the 10-Year Capital Plan. The remaining \$539.473 million represents an increase in capital funding over the nine common years of the Capital Plans (2017-2025), as reflected in Table 2 on the following page. This increase arises from the reprioritization of Toronto Water's capital projects based on the following factors:

- In order to accommodate escalating construction prices, Toronto Water has modified the infrastructure renewal strategy for sewer infrastructure, directing efforts towards trenchless rehabilitation rather than replacement of sewer infrastructure.
- The 10-Year Capital Program was also aligned with available funding as calculated by the Water and Wastewater Rate Model to utilize available funds and to ensure positive reserve balances during major capital spending years.
- Changes have also been made based on updated schedules for coordinated and sequenced delivery of the projects requiring large capital funding, as well as new condition assessments.
- The need to realign Toronto Water 2017 Capital Budget with historical spending rates and ability to deliver future year projects.

A summary of requested project changes for the years 2017 to 2025 totaling \$539.473 million is provided in Table 2 below:

Table 2Summary of Project Changes (In \$000s)

| \$000s<br>2016 - 2025 Capital Budget & Plan<br>2017 - 2025 Capital Budget & Plan | 2016<br>851.652 | 2017                                 | 2018         | 2019      | 2020      | 2021      | 2022      |                   |                   |                   | 2026        | 2017 - 20 |              |
|--|-----------------|--------------------------------------|--------------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|-------------|-----------|--------------|
|  |                 | 1.090.037                            | 1.085.903    | 1.208.050 | 1.164.159 | 1.189.890 | 1.106.964 | 2023<br>1.114.970 | 2024<br>1.129.835 | 2025<br>1.215.387 | 2020        | 2017 20   | 10.305.195   |
| 2017 - 2025 Capital Buuget & Flan  | 051,052         | 729,565                              | 1,187,154    | 1.311.882 | 1.310.274 | 1,223,800 | 1,203,849 | 1,230,785         | 1,277,576         | 1.369.783         | 1.235.487   |           | 10,844.668   |
| Capital Budget & Plan Changes (2017 - 2025)                                      |                 | (360,472)                            | 101.251      | 103.832   | 146.115   | 33,910    | 96,885    | 115.815           | 147,741           | 154.396           | 1,233,487   |           | 539,473      |
| Lapital Budget & Plan Changes (2017 - 2025)                                      |                 | (560,472)                            | 101,251      | 105,652   | 140,115   | 55,910    | 90,005    | 115,615           | 147,741           | 154,590           |             |           | 559,475      |
|  |                 |                                      |              |           |           |           |           |                   |                   |                   |             |           |              |
|  | Total           |                                      |              |           |           |           |           |                   |                   |                   |             |           | Revised      |
|  | Project         | 2017                                 | 2018         | 2019      | 2020      | 2021      | 2022      | 2023              | 2024              | 2025              | 2017 - 2025 | 2026      | Total        |
|  | Cost            |                                      |              |           |           |           |           |                   |                   |                   |             |           | Project Cost |
| Previously Approved  |                 |                                      |              |           |           |           |           |                   |                   |                   |             |           |              |
| Water Treatment & Supply   |                 |                                      |              |           |           |           |           |                   |                   |                   |             |           |              |
| FJ Horgan TP   |                 | (1.175)                              | 1.771        | 402       | 75        |           | 40        |                   |                   |                   | 1.113       | 200       |              |
| Island TP  |                 | 2.381                                | (3,499)      | 6.689     | 14.162    | 13.270    | 6.340     | 1.165             | 25                |                   | 40.533      | 525       |              |
| RL Clark TP  |                 | (6,655)                              | 2.315        | 9.828     | 4,444     | 110       | 85        | 50                | 50                | 50                | 10.277      | 200       |              |
| RC Harris TP   |                 | (8,066)                              | 12,479       | 7,076     | 1,567     | (487)     | (9,900)   | (10,500)          | (500)             | (1,050)           | (9,381)     | 11,500    |              |
| WM Replacement   |                 | (10,100)                             | (611)        | 8,343     | 19,646    | 2,235     | (2,222)   | 73                | 40                | , ,,              | 19,619      | 114,000   |              |
| Trunk Water Mains  |                 | (13,224)                             | 6,780        | 3,844     | 19,340    | 16.202    | 18,992    | 27.450            | 51,200            | 50,750            | 181,334     | 55,700    |              |
| WT - Storage & Treatment   |                 | (35,374)                             | 10.002       | 14.214    | 7,495     | 1.816     | 2,931     | 1.617             | 18.670            | 13.820            | 35.191      | 38,000    |              |
| AMR  |                 | (2,940)                              | 1.180        | (415)     | (199)     | _,10      | _,        | -,,               |                   | ,-10              | (2,374)     | 22,000    |              |
| Business & Technology  |                 | (5,414)                              | 4,436        | 1.729     | 2,344     | 897       | 350       | 350               |                   |                   | 4,692       | 1.814     |              |
| Watermain Rehabilitation   |                 | 12,357                               | 9,748        | 9,803     | 7,555     | 2,475     | 1,777     | 280               | (301)             | 267               | 43,961      | 70,510    |              |
| Watermain Service Replacement  |                 | (7,826)                              | 8,914        | 14,008    | 7,370     | 6,980     | 8,735     | 11.830            | 11.665            | 11.165            | 72,841      | 44,000    |              |
| Pumping Stations   |                 | (7,569)                              | 3,157        | (737)     | 1,925     | 3,231     | 1,290     | 3.048             | 11,005            | 11,105            | 4,345       | 2,050     |              |
| Water Efficiency Plan  |                 | (1,505)                              | 5,157        | (131)     | 1,525     | 5,251     | 1,250     | 5,010             |                   |                   | 1,515       | 520       |              |
| Subtotal   |                 | (83,606)                             | 56.672       | 74,784    | 85.724    | 46.729    | 30.633    | 35,363            | 80.849            | 75.002            | 402.150     | 339.019   | -            |
| Wastewater Collection & Treatment &  |                 | (00/000/                             | 00/012       |           |           |           |           |                   | 50/010            | ,                 | ,           | 000,010   |              |
| Stormwater Management  |                 |                                      |              |           |           |           |           |                   |                   |                   |             |           |              |
| Ashbridges Bay TP  |                 | (112,619)                            | 54,139       | 40.856    | 35.562    | 281       | (800)     | 48.996            | 34.768            | 45.588            | 146.771     | 123,923   |              |
| Highland Creek TP  |                 | (36,646)                             | (5,433)      | (30,654)  | (32,159)  | (50.272)  | 3,314     | 45.000            | 36,300            | 20.450            | (50,100)    | 34,850    |              |
| Humber TP  |                 | (23,074)                             | 5.683        | (565)     | 6.067     | (13,462)  | 23.045    | (3,669)           | (7,575)           | (2,331)           | (15.881)    | 36,500    |              |
| Sewer Replacement  |                 | (13,308)                             | (18,867)     | (23,352)  | (22,476)  | (28.084)  | (30,000)  | (30.000)          | (30,000)          | (30,000)          | (226,087)   | 15.000    |              |
| Trunk Sewers & Pumping Stations  |                 | (13,124)                             | 16,295       | 907       | 4.092     | 10,465    | 16,938    | 9,219             | 25,387            | 37,548            | 107,727     | 83.088    |              |
| Basement Flooding  |                 | (61,968)                             | (70,660)     | (58,814)  | (41,606)  | (23,759)  | (9,090)   | 6,560             | 6,560             | 14,806            | (237,971)   | 195,044   |              |
| WTP-Plantwide  |                 | 10                                   | (551)        | 1,114     | 5,896     | 21,180    | 4,293     | 10,170            | (5,480)           | 23,885            | 60,517      | 34,200    |              |
| WWF-Implementation Projects  |                 | (21,895)                             | 17,376       | 66,487    | 76,395    | 58.134    | 55,609    | (6,896)           | (3,667)           | (21,060)          | 220,483     | 131,450   |              |
| WWF-TRCA   |                 | (385)                                | 600          | 350       | .,        |           | ,         | (                 | (                 | , ,,              | 565         | 16,339    |              |
| Yards & Facility   |                 | 587                                  | 1,786        | 650       | 1,650     | 50        | (350)     | (350)             | (850)             | (24,650)          | (21,477)    | 22,990    |              |
| Sewer rehabiliation  |                 | 5.802                                | 2,791        | 9,736     | 1,386     | 2.250     | 2,150     | 300               | 1.350             | 1.100             | 26,865      | 61,236    |              |
| WWF - Stream Restoration   |                 | (4,777)                              | (4,791)      | (465)     | 9,960     | 10,395    | (3,615)   | (3,115)           | 2,290             | 3.275             | 9,157       | 15,280    |              |
| Subtotal   |                 | (281,397)                            | (1,632)      | 6.250     | 44,767    | (12.822)  | 61,494    | 76,215            | 59.083            | 68,611            | 20,569      | 769,900   | -            |
| Sabtotal   |                 | (,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | (_,=,=,=,=,) | 2,200     | ,. 07     | (,)       | ,         | ,_15              | ,- 55             | ,-11              |             | ,         |              |
| Linear Eng   |                 | (2,924)                              | 18,052       | 10,002    | 1,035     | (423)     | 4,499     | 4,150             | 2,900             | 3,056             | 40,347      | 81,568    |              |
| New Connections  |                 | 8,000                                | 22,599       | 8,746     | 8,589     | 8,426     | 8,259     | 8,087             | 7,909             | 7,727             | 88,342      | 36,000    |              |
| New Sewers   |                 | (545)                                | 5,560        | 4,050     | 6,000     | (8,000)   | (8,000)   | (8,000)           | (3,000)           |                   | (11,935)    | 9,000     |              |
| Total Previously Approved  |                 | (360,472)                            | 101,251      | 103,832   | 146,115   | 33,910    | 96,885    | 115,815           | 147,741           | 154,396           | 539,473     | 1,235,487 | -            |
| New  |                 |                                      |              |           |           |           |           |                   |                   |                   |             |           |              |
| Total New  | -               | -                                    | -            | -         |           | -         |           |                   |                   |                   |             | -         | -            |
| Total Changes  | -               | (360.472)                            | 101.251      | 103.832   | 146.115   | 33.910    | 96.885    | 115.815           | 147.741           | 154.396           | 539,473     | 1.235.487 | -            |

## Significant Capital Project Changes in Toronto Water:

Cash flow funding for the following previously approved capital projects have been adjusted based on historical spending rates, and expected progress and completion schedules of the projects, as outlined below:

### **Increases in Previously Approved Projects**

The following Toronto Water capital projects have been allocated increased funding:

- The Island Water Treatment Plant project requires an increase of \$40.533 million or 102%, from \$39.589 million in capital funding during the nine common years of the 2016 2025 Approved Capital Plan to upgrade the power supply to the plant to support planned facility upgrades and reflect a revised estimate for the Residuals Management Facility Dewatering project.
- An increase of \$60.517 million or 37% from \$164.445 million is required to fund *Water Treatment* capital projects *plantwide* for construction of UV Disinfection facilities at each of the water treatment plants.
   Preliminary cost estimates have been revised upon the completion of conceptual design that factors in space constraints within each of the facilities.
- The *Watermain Rehabilitation* project has been allocated additional funding of \$43.961 million or 7%, from \$610.930 million to reflect expanded use of trenchless rehabilitation for infrastructure renewal.
- The *Watermain Replacement* project has increased funding of \$19.619 million or 2%, from \$1.005 billion to reflect increases within unit rates for linear infrastructure replacement.

- The Water Service Replacement project has increased funding of \$72.841 million or 22%, from \$324.598 million to align with an expanded watermain rehabilitation program and increases within unit rates for linear infrastructure replacement.
- Additional funding of \$35.191 million or 15% from \$234.143 million is necessary to accommodate the Water Treatment & Storage projects including a 4th phase for Indoor and Outdoor Switchgear upgrades at six pumping stations that are reaching the end of their service life, and for revised cost estimate for reservoir rehabilitation projects based on detailed design.
- Funding for the Trunk Watermain projects has been increased by \$181.334 million or 97%, from \$186.956 million to reflect updates to unit rates for linear infrastructure projects and accelerated delivery of a cast iron transmission watermain program.
- Additional funding of \$26.865 million or 5% from \$517.070 has been allocated for the Sewer System Rehabilitation projects to reflect expanded use of trenchless rehabilitation for infrastructure renewal.
- The Ashbridges Bay Wastewater Treatment Plant project costs have increased by \$164.771 million or 9% from \$ 1.576 billion to reflect updated cost estimates based on progression of pre-design or detailed design for the following projects: D building Phase 2 upgrades, Disinfection System Construction, Integrated Pumping Station construction and Waste Activated Sludge Construction.
- The Wet Weather Flow Stream Restoration and Implementation projects have been allocated increased funding of \$220.483 million or 26% from \$858.7 million to amend the design of the first phase of the Don and Central Waterfront project to improve hydraulic performance, and reduce construction impact through the bundling of construction projects including the construction of an offline storage tank and connection points to the Coxwell trunk sewer.
- The funding allocation for *Trunk Sewers & Sewage Pumping Station projects* have increases by \$107.727 million or 29%, from \$369.617 million to reflect updates to unit rates for linear infrastructure projects.
- Funding for New Service Connection projects has been increased by \$88.342 million or 38% from \$233.858 million to provide the necessary servicing capacity based on projected population growth and for the installation of service connections for new homes and developments.
- Increased funding totalling \$58.561 has been allocated to a number of other projects including the Business and Technology Improvements, Transmission Pumping Stations, New Sewers, RL Clark Water Treatment Plant projects and Linear Infrastructure Engineering projects.

### Deferral/ Reductions in Previously Approved Capital Projects:

Significant reductions in capital expenditures have been made due to the escalation in unit rate prices for linear infrastructure replacement, as well as the anticipated continuing decline in water consumption which has resulted in a need to defer/delay a number of capital projects over the 10 year planning horizon as follows:

- Funding totalling \$ 9.381 million has been updated to reflect lower costs for RC Harris Water Treatment Plant projects, representing a decrease of 11%, from \$83.579 million delaying the implementation of the Filter Rehabilitation project pending the completion of a Filter Pilot project.
- Sewer System Replacement costs have been decreased by \$226.087 million or 60% from \$370.081 million to
  allocate additional funding to sewer rehabilitation through the use of trenchless technologies due to escalation
  of replacement unit rates, as well as results from sewer inspections that allow for the use of trenchless
  technologies for infrastructure renewal.
- Some of the Basement Flooding projects have been deferred or reduced by \$239.971 million or 15% from \$1.570 billion in the realignment of program delivery, and to undertake additional flow monitoring, modelling and design to ensure the construct-ability of proposed projects.

- The funding allocation for Highland Creek and Humber Wastewater Treatment Plants have been reduced by a total of \$65.981 million or 7%, from \$916.061 million due to favourable bid prices for the Humber Treatment Plant Secondary Treatment Upgrade (South) project.
- Yards and Facility projects have been decreased by \$21.477 million or 45% from \$47.225 million due to a
  deferral of the Lab & EMP Facilities project.

Over the 2017-2026 planning period, there are also cashflow realignments for a variety of other projects, which reflect more updated schedules for implementation and realignment of projects between different program areas.

## 2017 – 2026 Recommended Capital Plan

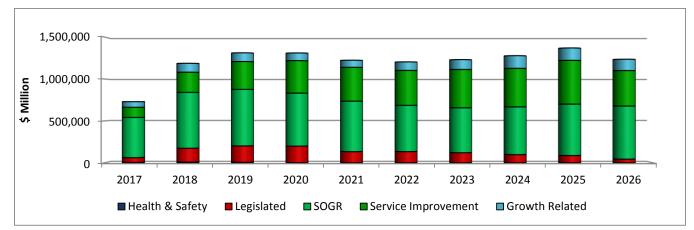


Chart 2 2017 – 2026 Recommended Capital Plan by Project Category (In \$000s)

As illustrated in the chart above, the 10-Year Recommended Capital Plan for Toronto Water of \$12.080 billion predominantly provides funding for State of Good Repair (SOGR) projects (including Health and Safety and Legislated projects), which represent 59.7% of total funding over the 10-year period. Service Improvement and Growth Related Projects account for the remaining funding allocations of 31.1% and 9.2% respectively.

- Health and Safety projects represent approximately 0.2% or \$23.844 million. Funding is allocated mostly
  within the first 5 years of the 10-Year Capital Plan period in order to improve the safety and upgrade electrical
  systems at Ashbridges Bay, Humber and North Toronto wastewater treatment plants.
- Legislated projects account for 10.2% or \$1.230 billion of total funding. These projects are required to comply
  with existing and emerging provincial and federal legislation. Funding for Legislative projects is expected to
  increase in future years as regulations governing water supply and wastewater treatment continue to become
  more stringent.
- State of Good Repair projects continue at stable levels with an average annual investment of about \$596 million over the 10 year period in order to ensure the continued reduction of Toronto Water's infrastructure renewal backlog estimated at \$1.552 billion at the end of 2016.
- Service Improvement projects represent approximately 31% or \$3.762 billion of total funding in the 10-Year Capital Plan. Capital funding for these projects increases consistently over the 10 year period, from \$120.944 million in 2017 to \$521.458 million in 2025 and \$422.797 million in 2026.
- Growth Related projects constitute about 9% or \$1.108 billion of the total. Funding for anticipated growth
  projects such as new and enhanced watermains and service connections is consistent over the 10-Year
  Capital Plan period, averaging \$35.820 million per year. However, funding for planned significant standalone
  projects will vary from year to year based on growth requirements.

The following table provides details by project category within the 2017 – 2026 Recommended Capital Budget and Plan for Toronto Water:

|   | Total<br>App'd<br>Cash Flows<br>to Date* | 2017<br>Budget   | 2018<br>Plan     | 2019<br>Plan     | 2020<br>Plan     | 2021<br>Plan     | 2022<br>Plan  | 2023<br>Plan     | 2024<br>Plan     | 2025<br>Plan     | 2026<br>Plan     | 2017 - 2026<br>Total | Tota<br>Proje<br>Cos |
|---|--|------------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|------------------|----------------------|----------------------|
| otal Expenditures by Category<br>tate of Good Repair (including<br>lealth & Safety and Legislated |  |                  |                  |                  |                  |                  |               |                  |                  |                  |                  |                      |                      |
| rojects)  |  |                  |                  |                  |                  |                  |               |                  |                  |                  |                  |                      |                      |
| Business & Technology   |  | 510              | 1,400            |                  |                  |                  |               |                  |                  |                  |                  | 1,910                |                      |
| Linear Eng  |  | 69,507           | 89,247           | 84,072           | 73,874           | 63,029           | 66,572        | 61,856           | 65,960           | 68,004           | 75,443           | 717,564              |                      |
| Sewer Rehabilitation  |  | 59,052           | 57,822           | 65,736           | 54,636           | 60,645           | 62,286        | 61,186           | 61,336           | 61,236           | 61,236           | 605,171              |                      |
| Sewer Replacement   |  | 12,894           | 17,825           | 13,434           | 17,524           | 16,916           | 15,000        | 15,000           | 15,000           | 15,000           | 15,000           | 153,593              |                      |
| WM Rehabilitation   |  | 76,223           | 76,166           | 74,140           | 72,877           | 71,625           | 71,415        | 71,398           | 70,537           | 70,510           | 70,510           | 725,401              |                      |
| WM Replacement  |  | 76,690           | 79,779           | 89,912           | 104,140          | 96,494           | 95,000        | 95,000           | 95,000           | 95,000           | 95,000           | 922,015              |                      |
| Water Service Replacement   |  | 28,679           | 48,710           | 48,250           | 44,250           | 44,050           | 46,000        | 46,000           | 46,000           | 45,500           | 44,000           | 441,439              |                      |
| Pumping Stations  |  | 1,412            | 16,293           | 15,813           | 10,525           | 13,681           | 11,690        | 9,298            | 5,150            | 2,050            | 2,050            | 87,962               |                      |
| Trunk Water Mains   |  | 13,319           | 12,557<br>29,930 | 3,851            | 14,547<br>25,413 | 25,000<br>20,019 | 27,400 11,067 | 21,750           | 25,600           | 25,550<br>38,650 | 25,250<br>38,000 | 194,824              |                      |
| WT - Storage & Treatment<br>Trunk Sewers & Pumping Stations                                       |  | 12,984<br>24,552 | 47,880           | 28,459<br>33,588 | 32,221           | 35,275           | 25,888        | 16,217<br>28,919 | 39,650<br>42,587 | 58,050           | 42,588           | 260,389<br>371,646   |                      |
| Ashbridges Bay TP   |  | 44,532           | 204,843          | 284,866          | 258,207          | 211,174          | 186,723       | 170,834          | 130,387          | 132,578          | 122,623          | 1,746,767            |                      |
| Highland Creek TP   |  | 22,368           | 30,497           | 33,076           | 19,563           | 6,065            | 15,164        | 25,600           | 28,030           | 20,350           | 122,023          | 219,413              |                      |
| Humber TP   |  | 53,015           | 64,865           | 50,976           | 50,495           | 35,836           | 30,850        | 13,650           | 9,000            | 34,094           | 36,500           | 379,281              |                      |
| RL Clark TP   |  | 10,921           | 15,590           | 11,452           | 4,654            | 260              | 235           | 200              | 200              | 200              | 200              | 43,912               |                      |
| RC Harris TP  |  | 11,553           | 17,563           | 7,657            | 2,410            | 713              | 1,250         | 1,000            | 11,000           | 11,500           | 11,500           | 76,146               |                      |
| FJ Horgan TP  | 216,071                                  | 3,016            | 3,049            | 550              | 1,102            | 785              | 684           | 202              | 202              | 200              | 200              | 9,990                | 226                  |
| Island TP   |  | 13,391           | 11,101           | 9,304            | 17,932           | 15,225           | 6,875         | 1,550            | 550              | 375              | 525              | 76,828               |                      |
| WWF-Implementation Projects   |  | 1,032            | 7,479            | 8,892            | 10,685           | 4,315            | 3,586         | 1,900            | 1,900            | 980              | 980              | 41,749               |                      |
| WWF - Stream Restoration  |  | 5,783            | 7,419            | 11,065           | 14,660           | 12,645           | 6,195         | 12,795           | 17,470           | 18,955           | 15,280           | 122,267              |                      |
| Yards & Facility  |  | 245              | 248              | 883              | 1,484            | 1,733            | 1,631         | 1,485            | 1,485            | 1,485            | 1,485            | 12,164               |                      |
|   |  |                  |                  |                  |                  |                  |               |                  |                  |                  |                  | -                    |                      |
| ıb-Total  | 216,071                                  | 541,678          | 840,263          | 875,976          | 831,199          | 735,485          | 685,511       | 655,840          | 667,044          | 700,365          | 677,070          | 7,210,431            | 226                  |
| rvice Improvements  |  |                  |                  |                  |                  |                  |               |                  |                  |                  |                  |                      |                      |
| Water Meter Program (AMR)   | 237,058                                  | 4,040            | 3,180            | 500              | 346              |                  |               |                  |                  |                  |                  | 8,066                | 234                  |
| Basement Flooding   |  | 51,817           | 95,348           | 121,144          | 138,707          | 160,358          | 180,000       | 195,000          | 195,000          | 195,000          | 195,044          | 1,527,418            |                      |
| Basement Flooding - Subsidy   |  |                  |                  |                  |                  |                  |               |                  |                  |                  |                  | -                    |                      |
| Business & Technology   |  | 8,713            | 18,774           | 18,257           | 13,805           | 5,792            | 3,014         | 3,084            | 2,769            | 2,714            | 1,814            | 78,736               |                      |
| Linear Eng  |  | 862              | 3,300            | 3,535            | 6,975            | 6,675            | 6,975         | 6,975            | 6,975            | 6,475            | 5,975            | 54,722               |                      |
| Sewer Replacement   |  | 5,401            |                  |                  |                  |                  |               |                  |                  |                  |                  | 5,401                |                      |
| WM Replacement  |  |                  |                  |                  |                  |                  |               |                  |                  |                  |                  | -                    |                      |
| Pumping Stations  |  | 14               | 214              | 2 107            | 1 050            | 241              | 02            |                  |                  |                  |                  | 228                  |                      |
| Trunk Water Mains   |  | -                | 866              | 2,107            | 1,850            | 241              | 92            |                  |                  |                  |                  | 5,156                |                      |
| WT - Storage & Treatment  |  | 8,211            | 10,040           | 10,371           | 1,813            | 13               | 14            |                  |                  |                  |                  | 30,462               |                      |
| Trunk Sewers & Pumping Stations<br>Ashbridges Bay TP  |  | 1,622            | 9,175            | 7,170            | 3,905            | 7,760            | 6,695         | 1,060            | 20,000           | 40,000           | 1,300            | 98,687               |                      |
| Highland Creek TP   |  | 2,990            | 19,441           | 18,430           | 28,396           | 41,708           | 39,285        | 65,000           | 52,050           | 20,200           | 16,150           | 303,650              |                      |
| Humber TP   |  | 1,376            | 3,077            | 6,705            | 5,500            | 41,708<br>918    | 20            | 03,000           | 52,050           | 20,200           | 10,150           | 17,596               |                      |
| RC Harris TP  |  | 874              | 5,972            | 1,699            | 1,007            | 510              | 20            |                  |                  |                  |                  | 9,552                |                      |
| FJ Horgan TP  |  | 1,784            | 2,625            | 2,230            | 1,007            | 10               |               |                  |                  |                  |                  | 6,659                |                      |
| Island TP   |  | 606              | 1,326            | 1,222            | 665              | 10               |               |                  |                  |                  |                  | 3,819                |                      |
| WTP-Plantwide   |  | 1,560            | 5,974            | 12,759           | 32,921           | 43,000           | 31,198        | 25,485           | 17,280           | 54,785           | 34,200           | 259,162              |                      |
| WWF-Implementation Projects   |  | 15,564           | 43,837           | 109,012          | 134,635          | 122,115          | 134,135       | 144,075          | 149,071          | 185,470          | 130,470          | 1,168,384            |                      |
| WWF-TRCA  |  | 12,775           | 13,382           | 14,341           | 14,104           | 14,219           | 14,337        | 15,958           | 16,082           | 16,209           | 16,339           | 147,746              |                      |
| WWF - Stream Restoration  |  | 28               |                  |                  |                  |                  |               |                  |                  |                  |                  | 28                   |                      |
| Yards & Facility  |  | 2,707            | 3,977            | 2,355            | 2,605            | 1,005            | 605           | 605              | 605              | 605              | 21,505           | 36,574               |                      |
| ib-Total  | 237,058                                  | 120,944          | 240,508          | 331,837          | 387,244          | 403,814          | 416,370       | 457.242          | 459,832          | 521,458          | 422,797          | - 3,762,046          | 234                  |
| owth Related  | 237,038                                  | 120,344          | 2-10,000         | 331,037          | 307,244          | 403,014          | 410,570       | 437,2 <b>4</b> 2 | -33,032          | 521,450          | 722,131          | 3,7 02,040           | 2.54                 |
| Linear Eng  |  | 1,015            | 650              | 300              | 150              | 150              | 150           | 150              | 150              | 150              | 150              | 3,015                |                      |
| New Connections   |  | 35,000           | 35,200           | 36,000           | 36,000           | 36,000           | 36,000        | 36,000           | 36,000           | 36,000           | 36,000           | 358,200              |                      |
| New Sewers  |  | 7,085            | 14,240           | 15,230           | 7,000            | 1,000            | 1,000         | 1,000            | 6,000            | 9,000            | 9,000            | 70,555               |                      |
| WM Replacement  |  | 18,108           | 32,295           | 29,349           | 26,350           | 18,412           | 17,833        | 18,073           | 18,040           | 19,000           | 19,000           | 216,460              |                      |
| Pumping Stations  |  | 2,417            | 6,300            | 6,265            | 3,928            | 2,128            |               |                  |                  |                  |                  | 21,038               |                      |
| Trunk Water Mains   |  | 2,220            | 13,361           | 13,475           | 10,633           | 11,631           | 16,950        | 33,450           | 49,070           | 42,770           | 30,450           | 224,010              |                      |
| WT - Storage & Treatment  |  | 146              | 1,597            | 430              | 3,650            | 5,260            | 3,250         | 2,110            | 20               | 20               | -                | 16,483               |                      |
| Trunk Sewers & Pumping Stations   |  | 331              | 855              | 1,100            | 2,750            | 9,300            | 26,150        | 26,400           | 40,900           | 40,500           | 40,500           | 188,786              |                      |
| Ashbridges Bay TP   |  | 25               | 1,000            | 500              | 250              |                  |               |                  |                  |                  |                  | 1,775                |                      |
| Highland Creek TP   |  | -                | 190              | 800              | 500              |                  |               |                  |                  |                  |                  | 1,490                |                      |
| FJ Horgan TP  |  | 51               | 75               |                  |                  |                  | 40            |                  |                  |                  |                  | 166                  |                      |
| Water Efficiency Plan   |  | 520              | 520              | 520              | 520              | 520              | 520           | 520              | 520              | 520              | 520              | 5,200                |                      |
| WWF-Implementation Projects   |  | 25               | 100              | 100              | 100              | 100              | 75            |                  |                  |                  |                  | 500                  |                      |
|   |  |                  |                  |                  |                  |                  |               |                  |                  |                  |                  |                      | I                    |
| b-Total   | -  | 66,943           | 106,383          | 104,069          | 91,831           | 84,501           | 101,968       | 117,703          | 150,700          | 147,960          | 135,620          | 1,107,678            |                      |

Table 3Summary of Capital Plan by Project Category (In \$000s)

\*Life to Date approved cash flows are provided for multi-year capital projects with cash flow approvals prior to 2017, excluding ongoing capital projects.

## 2017 - 2026 Capital Projects

The Recommended 10-Year Capital Plan supports Toronto Water's objectives by balancing infrastructure renewal needs for State of Good Repair with new Service Improvement projects, while providing the capacity to keep pace with population growth, and ensuring the delivery of water supply and wastewater treatment within an increasingly stringent regulatory framework.

In addition to the state of good repair projects, considerable funding is provided to support the implementation of the Wet Weather Flow Master Plan, Basement Flooding and growth related projects, some of which is recovered from Development Charges. Additional financial pressures arising from updated cost estimates for engineering services for the Ashbridges Bay Wastewater Treatment Plant upgrades and the addition of the Wet Weather Flow Stream Restoration and Implementation Projects are also accommodated with the Plan.

State of Good Repair (SOGR), Health & Safety, and Legislated projects

- The on-going state of good repair projects for linear infrastructure renewal to ensure the replacement or rehabilitation of aging watermains and sewers, and investment in the City's aging wastewater treatment facilities, remains a primary focus of the 2017-2026 Recommended Capital Budget and Plan.
- The 10-Year Capital Plan incorporates an investment of approximately \$7.210 billion or 60% of the total funding of \$11.080 billion for new SOGR projects (including Health & Safety and Legislated projects projects of \$1.252 billion or 10%) over the next 10 years.
- The 2017-2026 Recommended Capital Budget and Plan includes funding of \$596.760 million or 5% of the total capital funding to meet legislated requirements governing the Ashbridges Bay Wastewater Treatment Effluent System. Another \$76.041 million or 0.6% of the total is allocated to the legislated odour control projects at Highland Creek and Humber wastewater treatment plants.
- State of Good Repair funding included in the 10-Year Recommended Capital Plan is intended to address Toronto Water's SOGR backlog, estimated at \$1.552 billion by year-end 2016 and projected to be effectively eliminated by year-end 2026, if the current funding allocated to State of Good Repair projects is maintained over the next 10 years.
- However, due to significantly higher market rates for linear infrastructure currently returned through the bidding process, this estimate has to be regularly updated.
- It should be noted that Toronto Water is developing a strategy to implement harmonized asset management planning across its linear and vertical infrastructure in response to multiple pressures driving capital investments. The review is currently on-going, with recommendations for an implementation plan expected to be completed in early 2017.

### Service Improvements

- Service Improvement projects total \$3.762 million or 31% of total funding over the 10-year period, some of which is recovered from Development Charges.
- Approximately \$1.527 billion or 13% has been allocated to implement the Basement Flooding Protection projects in 67 chronic basement flooding areas across the City.
- Funding is also included for the implementation of other water quality improvement projects from the City's Wet Weather Flow Master Plan to reduce and ultimately eliminate the adverse impacts of polluted stormwater and combined sewer overflows (CSOs) that are discharged from outfalls to the City's watercourses and the waterfront. These projects will achieve a measurable improvement in ecosystem health of the City's watersheds and waterfront, and improved water quality along the City's waterfront beaches and include:
  - The Don River and Waterfront Trunk / Combined Sewer Outfall (CSO) project with allocated funding of \$847.625 million or 7% of the total.
  - The Stormwater Management End of Pipe Facilities projects totalling \$202.336 million or 2% of total capital funding which are intended to address most of the storm sewer discharges to the waterfront and all but 9 of the 69 combined sewer overflow discharges in the City.

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- Approximately \$147.746 million or 1% is included in the 10-Year Capital Plan in funding contributions to the TRCA for stream restoration and erosion control projects.
- Another \$303.650 million or 3% has been allocated to the Highland Creek Waste Water Treatment Plant upgrades and biosolids and gas handling projects implementation.

Growth Related

- Growth Related projects account for \$1.108 billion or 9% of the 10-Year Capital Plan's funding allocation.
- The largest projects in this category are the Trunk Watermain Expansion and Upgrade projects that will
  increase the hydraulic capacity in the Toronto Water supply system. Many of these projects are cost shared
  with the Region of York.
- The 2017-2026 Recommended Capital Budget and Plan allocates funding for the New Sewer Construction (\$70.555 million) and Trunk Sewer and Pumping Station projects (\$188.786 million), as well as New Service Connections (\$358.2 million) and Trunk Watermains (\$224.010 million) to provide the necessary servicing capacity based on projected population growth and for the installation of service connections for new homes and developments.

## 2017 Capital Budget and Future Year Commitments

Included as a sub-set of the 10-Year Capital Plan is the 2017 Recommended Capital Budget and Future Year Commitments, that consists of 2017 and future year cash flow for projects previously approved by Council; adjustments (Scope Change) to those previously approved projects; as well as new projects that collectively require Council approval to begin, continue or complete capital work.

- Approval of the 2017 Recommended Capital Budget of \$859.144 million will result in the future year funding commitments of \$1.003 billion in 2018, \$804.280 million in 2019, \$613.183 million in 2020, \$442.207 million in 2021, \$357.152 million in 2022; \$320.102 million in 2023, \$280.504 million in 2024, \$244.273 million in 2025, and \$93.848 million in 2026, for a total of \$4.180 billion.
- Table 3a below lists the 2017 Recommended Capital Budget and Future Year Commitments for Toronto Water that will be approved through the 2017 Capital Budget process:

Table 3a2017 Cash Flow & Future Year Commitments (In \$000s)

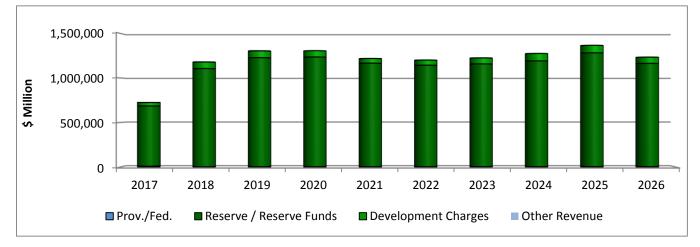
|                                 | 2017      | 2018     | 2019              | 2020     | 2021          | 2022           | 2023    | 2024    | 2025    | 2026    | Total 2017<br>Cash Flow &<br>FY Commits |
|---------------------------------|-----------|----------|-------------------|----------|---------------|----------------|---------|---------|---------|---------|---|
|                                 |           |          |                   |          |               |                |         |         |         |         |   |
| Expenditures:                   |           |          |                   |          |               |                |         |         |         |         |   |
| Previously Approved             |           |          |                   |          |               |                |         |         |         |         |   |
| Water Meter Program (AMR)       | 8,314     | 2,000    | 915               | 545      |               |                |         |         |         |         | 11,774                                  |
| Basement Flooding               | 108,557   | 82,119   | 84,532            | 64,893   | 58,430        | 60,030         | 36,730  | 15,509  | 10      |         | 510,810                                 |
| Business & Technology           | 17,920    | 13,831   | 14,691            | 9,624    | 574           | 110            |         |         |         |         | 56,750                                  |
| Linear Eng                      | 48,534    | 42,380   | 32,434            | 25,363   | 10,121        | 1,000          | 500     | 500     | 500     |         | 161,332                                 |
| New Connections                 | 27,000    | 7,500    |                   |          |               |                |         |         |         |         | 34,500                                  |
| New Sewers                      | 8,190     | 7,680    | 10,180            |          | 8,000         | 8,000          | 8,000   | 8,000   | 8,000   |         | 66,050                                  |
| Sewer Rehabilitation            | 44,033    | 18,831   |                   |          |               |                |         |         |         |         | 62,864                                  |
| Sewer Replacement               | 16,610    | 6,692    | 1,786             |          |               |                |         |         |         |         | 25,088                                  |
| WM Rehabilitation               | 62,742    | 15,079   | 15                | 2        |               |                |         |         |         |         | 77,838                                  |
| WM Replacement                  | 48,357    | 26,085   | 7,318             | 44       | 71            | 40             |         |         |         |         | 81,915                                  |
| Water Service Replacement       | 43,583    | 10,736   | 2                 |          |               |                |         |         |         |         | 54,321                                  |
| Pumping Stations                | 15,147    | 19,550   | 22,365            | 7,278    | 4,278         | 3,100          | 50      | 50      |         |         | 71,818                                  |
| Trunk Water Mains               | 28,957    | 7,004    | 539               | 290      | 200           |                |         |         |         |         | 36,990                                  |
| WT - Storage & Treatment        | 63,074    | 30,225   | 11,146            | 1,831    | 26            |                |         |         |         |         | 106,302                                 |
| Trunk Sewers & Pumping Stations | 44,616    | 27,490   | 13,681            | 279      | 10            |                |         |         |         |         | 86,076                                  |
| Ashbridges Bay TP               | 147,223   | 85,839   | 107,090           | 81,910   | 83,213        | 78,378         | 51,908  | 45,779  | 35,000  |         | 716,340                                 |
| Highland Creek TP               | 72,166    | 54,311   | 42,710            | 17,968   | 15,795        | 4,385          | 3,450   | 6,380   | 5,000   |         | 222,165                                 |
| Humber TP                       | 84,715    | 57,849   | 54,421            | 48,498   | 47,991        | 4,850          | 10,894  | 2,150   |         |         | 311,368                                 |
| RL Clark TP                     | 17,870    | 13,275   | 1,474             | 60       |               |                | ,       |         |         |         | 32,679                                  |
| RC Harris TP                    | 20,113    | 8,406    | 780               | 750      | 200           |                |         |         |         |         | 30,249                                  |
| FJ Horgan TP                    | 6,619     | 3,778    | 2,078             | 162      | 20            | 9              |         |         |         |         | 12,666                                  |
| Island TP                       | 13,496    | 15,776   | 3,462             | 3,910    | 1,580         | 10             | 10      |         |         |         | 38,244                                  |
| WTP-Plantwide                   | 1,190     | 600      | 1,200             | 1,400    | 800           | 1,000          | 500     | 100     |         |         | 6,790                                   |
| Water Effeciency Plan           | 520       | 000      | 1,200             | 1,100    | 000           | 1,000          | 500     | 100     |         |         | 520                                     |
| WWF-Implementation Projects     | 37,838    | 27,875   | 21,657            | 12,345   | 11,416        | 14,307         | 18,191  | 27,088  | 6,600   |         | 177,317                                 |
| WWF-TRCA                        | 1,470     | 400      | 21,007            | 12,515   | 11,110        | 1,007          | 10,101  | 27,000  | 0,000   |         | 1,870                                   |
| WWF - Stream Restoration        | 10,763    | 12,210   | 11,530            | 4,700    | 2,250         | 3,150          | 3,100   | 3,020   | 520     |         | 51,243                                  |
| Yards & Facility                | 2,865     | 1,309    | 11,550            | 4,700    | 2,250         | 5,150          | 5,100   | 5,020   | 520     |         | 4,174                                   |
| Subtotal                        | 1,002,482 | 598,830  | 446,006           | 281,852  | 244,975       | 178,369        | 133,333 | 108,576 | 55,630  |         | 3,050,053                               |
| Change in Scope                 | 1,002,402 | 558,850  | 440,000           | 201,052  | 244,575       | 170,505        | 155,555 | 100,570 | 55,050  |         | 3,030,033                               |
|                                 | (2,940)   | 1,180    | (415)             | (199)    |               |                |         |         |         |         | (2,374)                                 |
| Water Meter Program (AMR)       |           | (36,920) | (415)             |          | 240           | (9,130)        | 13,308  | 36,421  | 27,956  | 100     | (83,430)                                |
| Basement Flooding               | (57,047)  | 2,456    | (42,597)<br>1,499 | (15,761) | 677           | (9,130)<br>350 |         | 50,421  | 27,950  | 100     | (83,430)                                |
| Business & Technology           | (6,394)   |          |                   | 2,324    |               |                | 350     | 1 2 2 0 | 705     | 2 1 2 0 |   |
| Linear Eng                      | 25,598    | 19,342   | 11,507            | 800      | (658)         | 3,864          | 2,989   | 1,339   | 795     | 3,139   | 68,715                                  |
| New Connections                 | 8,000     | 27,700   | 0.050             | 5 000    | (0.000)       | (0.000)        | (0.000) | (0.000) | (0.000) |         | 35,700                                  |
| New Sewers                      | (545)     | 5,560    | 2,050             | 5,000    | (8,000)       | (8,000)        | (8,000) | (8,000) | (8,000) |         | (27,935)                                |
| Sewer Rehabilitation            | 19,852    | 37,491   | 24,236            | 1,736    | 1,700         | 1,700          | 150     |         |         |         | 86,865                                  |
| Sewer Replacement               | (1,956)   | 4,820    | 175               | 1,916    | 1,916         |                |         |         |         |         | 6,871                                   |
| WM Rehabilitation               | 15,022    | 57,087   | 24,575            | 9,575    | 4,575         | 450            | 30      | 27      |         |         | 111,341                                 |
| WM Replacement                  | (13,618)  | (1,398)  | 5,859             | 8,687    | 1,423         | (40)           |         |         |         |         | 913                                     |
| Water Service Replacement       | (14,826)  | 17,074   | 11,448            | 2,200    |               |                |         |         |         |         | 15,896                                  |
| Pumping Stations                | (7,569)   | 3,157    | (737)             | 2,925    | 3,231         | 1,290          | 3,048   |         |         |         | 5,345                                   |
| Trunk Water Mains               | (12,174)  | 5,830    | 3,894             | 2,090    | 52            | 92             |         |         |         |         | (216)                                   |
| WT - Storage & Treatment        | (35,444)  | 8,912    | 21,484            | 10,495   | 3,056         | 31             | 17      |         |         |         | 8,551                                   |
| Trunk Sewers & Pumping Stations | (14,499)  | 17,835   | 7,102             | 1,833    | 29            |                |         |         |         |         | 12,300                                  |
| Ashbridges Bay TP               | (70,579)  | 20,684   | 16,096            | 6,362    | 17,331        | (14,600)       | 19,346  | 24,293  | 33,813  | 77,883  | 130,629                                 |
| Highland Creek TP               | (36,647)  | (4,183)  | 9,096             | 19,591   | 5,478         | 2,064          | 1,750   | 1,050   | 200     | 11,950  | 10,349                                  |
| Humber TP                       | (23,074)  | 7,943    | (3,140)           | (6,653)  | (22,492)      | 15,070         | (244)   | 150     | 394     |         | (32,046)                                |
| RL Clark TP                     | (6,655)   | 2,315    | 9,778             | 4,394    | 60            | 35             |         |         |         |         | 9,927                                   |
| RC Harris TP                    | (6,866)   | 14,929   | 5,926             | 17       | 13            | 150            |         |         |         |         | 14,169                                  |
| FJ Horgan TP                    | (1,175)   | 1,971    | 402               | 75       | -             | 40             |         |         |         |         | 1,313                                   |
| Island TP                       | 2,381     | (3,499)  | 6,689             | 14,162   | 13,270        | 6,190          | 65      | 25      |         |         | 39,283                                  |
| WTP-Plantwide                   | (640)     | 425      | (475)             | (550)    | (375)         | (500)          | 275     | 350     | 500     | 400     | (590)                                   |
| Water Effeciency Plan           | -         | 520      | 520               | 35       | (- <i>-</i> ) | (/             |         |         |         |         | 1,075                                   |
| WWF-Implementation Projects     | (23,213)  | (5,689)  | 11,014            | 19,015   | 5,624         | 4,854          | (476)   | (27)    |         |         | 11,102                                  |
| WWF-TRCA                        | 11,890    | 600      | 350               | _5,515   | 5,021         | .,00 +         | (1.5)   | ()      |         |         | 12,840                                  |
| WWF - Stream Restoration        | (7,912)   | (11,921) | (11,530)          | (4,700)  | (2,250)       | (3,150)        | (3,100) | (3,020) | (520)   |         | (48,103)                                |
| Yards & Facility                | (7,912)   | 791      | 1,108             | 209      | 458           | (3,130)        | (3,100) | (3,020) | (520)   |         | 1,778                                   |
|                                 |           |          | 1,100             | 203      | 4.50          |                |         |         |         |         |   |

 Table 3a

 2017 Cash Flow & Future Year Commitments (In \$000s) - Continued

|                                 |         |           |         |         |         |         |         |         |         |        | Total 2017        |
|---------------------------------|---------|-----------|---------|---------|---------|---------|---------|---------|---------|--------|-------------------|
|                                 |         |           |         |         |         |         |         |         |         |        | Cash Flow &       |
|                                 | 2017    | 2018      | 2019    | 2020    | 2021    | 2022    | 2023    | 2024    | 2025    | 2026   | <b>FY Commits</b> |
| New w/Future Year               |         |           |         |         |         |         |         |         |         |        |                   |
| Basement Flooding               | 20,337  | 50,070    | 74,190  | 79,247  | 90,700  | 116,901 | 129,753 | 115,600 | 132,552 |        | 809,350           |
| Business & Technology           | 980     | 1,980     | 430     | 220     | 220     |         |         |         |         |        | 3,830             |
| Linear Eng                      | 410     |           |         |         |         |         |         |         |         |        | 410               |
| Sewer Replacement               | 4,898   | 2,047     | 1,257   |         |         |         |         |         |         |        | 8,202             |
| WM Replacement                  | 62,441  | 20,459    | 9,612   | 1,398   | 812     | 33      | 73      | 40      |         |        | 94,868            |
| Water Service Replacement       | 11,000  | 8,000     | 4,000   |         |         |         |         |         |         |        | 23,000            |
| Trunk Water Mains               | 2,000   | 12,000    | 12,000  | 8,000   |         |         |         |         |         |        | 34,000            |
| WT - Storage & Treatment        | 700     | 650       | 900     | 1,650   | 850     | 850     | 1,250   | 1,000   | 700     | 350    | 8,900             |
| Trunk Sewers & Pumping Stations | 1,375   | 2,860     | 12,405  | 29,504  | 29,906  | 20,083  | 7,089   | 850     | 33      | 26     | 104,131           |
| Ashbridges Bay TP               | 3,410   | 103,195   | 122,000 | 101,240 | 33,050  | 30,000  | 18,000  | 1,575   | 75      |        | 412,545           |
| Highland Creek TP               | 1       |           |         |         |         |         |         |         |         |        | 1                 |
| Humber TP                       | 1,000   | 1,500     | 1,000   | 8,750   | 8,750   | 8,000   |         |         |         |        | 29,000            |
| WTP-Plantwide                   | 1,100   | 2,569     | 1,704   | 2,121   | 1,425   | 598     | 150     | 80      |         |        | 9,747             |
| WWF-Implementation Projects     | 4,318   | 3,690     | 2,363   | 10,670  | 2,800   | 125     | 50      |         |         |        | 24,016            |
| WWF - Stream Restoration        | 3,135   | 7,030     | 7,015   | 4,060   | 3,515   | 2,035   | 1,485   | 310     | 295     | 120    | 29,000            |
| Yards & Facility                | 1,375   | 2,125     | 1,000   | 2,000   | 400     |         |         |         |         |        | 6,900             |
| Subtotal                        | 118,480 | 218,175   | 249,876 | 248,860 | 172,428 | 178,625 | 157,850 | 119,455 | 133,655 | 496    | 1,597,900         |
| Total Expenditure               | 859,144 | 1,012,017 | 811,796 | 616,290 | 442,761 | 357,754 | 320,691 | 280,639 | 244,423 | 93,968 | 5,039,483         |
| Financing:                      |         |           |         |         |         |         |         |         |         |        |                   |
| Provincial/Federal Funding      | 11,277  |           |         |         |         |         |         |         |         |        | 11,277            |
| Reserves/Res Funds              | 797,841 | 945,520   | 756,371 | 579,726 | 432,489 | 350,746 | 316,428 | 277,526 | 243,387 | 93,797 | 4,793,831         |
| Development Charges             | 44,269  | 57,035    | 47,909  | 33,457  | 9,718   | 6,406   | 3,674   | 2,978   | 886     | 51     | 206,383           |
| Other                           | 5,757   | 9,462     | 7,516   | 3,107   | 554     | 602     | 589     | 135     | 150     | 120    | 27,992            |
| Total Financing                 | 859,144 | 1,012,017 | 811,796 | 616,290 | 442,761 | 357,754 | 320,691 | 280,639 | 244,423 | 93,968 | 5,039,483         |

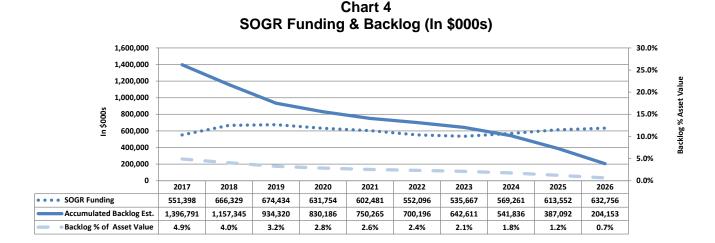
Chart 3 2017 – 2026 Recommended Capital Plan by Funding Source (In \$000s)



- Over the 10-year planning horizon, Toronto Water's Capital Plan continues to be 100% funded and does not require debenture financing.
- The 10-Year Recommended Capital Plan of \$12.080 billion will be funded primarily from the Program's reserves, representing approximately 93% or \$11.284 billion of total capital financing.
  - Capital funding from Toronto Water reserves increases from \$674.240 million in 2017 to \$1.156 billion in 2026. This increase in reserve funding coincides with the implementation schedules for large capital projects such as the Ashbridges Bay Waste Water Treatment Plant disinfection and outfall construction projects, the Highland Creek Biosolids project and Basement Flooding Protection projects.
  - The 10-Year Capital Plan is based on planned water rate increases of 5% (2017 and 2018), and 3% thereafter.

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- Development Charges (DC) provide approximately 6% or \$673.019 million of financing included the 10-Year Capital Plan. The use of Development Charge funding has been maximized based on project eligibility resulting in an increase in funding of \$123.519 million over the 2016 – 2025 Approved Capital Plan's estimates. This increase in development charge funding will assist Toronto Water in maintaining a positive reserve balance, while accommodating increased capital funding needs.
- Other financing sources include funding of \$63.757 million from Region of York for cost sharing projects and Federal/Provincial Grant funding of \$59.277 million, totalling approximatey 0.5% each in the total.



## State of Good Repair (SOGR) Backlog

- At the end of 2016, the replacement value of Toronto Water's assets was estimated at \$28.415 billion incorporating both linear (watermains, sewers) and facility/plant (water treatment plants, wastewater treatment plants, pumping stations) assets.
  - > Linear infrastructure assets represent approximately 74% of the total asset value at \$21.132 billion.
  - > Facility/plant assets account for the remaining 26% or \$7.282 billion.
- The 2016 year-end backlog of state of good repair work for linear and plant infrastructure renewal was
  projected at \$1.552 billion, representing 5.5% of the asset replacement value. Approximately 54% or \$0.837
  billion of the backlog relates to linear infrastructure, with the remaining 46% or \$0.716 billion representing
  facilities.
- The linear infrastructure and facilities State of Good Repair backlog and annual renewal need estimates have been periodically updated to reflect changes in unit rates for replacement and changing condition of the asset.
- The 10-Year Capital Budget and Plan dedicates \$5.959 billion or \$596 million on average annually, to address state of good repair, which is anticipated to effectively eliminate the backlog by 2026.

|                                   |            |            | J          | ,          | · · · · · J | ··· <b>J</b> (···· + | ,          |            |            |            |
|-----------------------------------|------------|------------|------------|------------|-------------|----------------------|------------|------------|------------|------------|
| Total                             | 2017       | 2018       | 2019       | 2020       | 2021        | 2022                 | 2023       | 2024       | 2025       | 2026       |
| State of Good Repair Funding      | 551,398    | 666,329    | 674,434    | 631,754    | 602,481     | 552,096              | 535,667    | 569,261    | 613,552    | 632,756    |
| Accumulated Backlog Est. (yr end) | 1,396,791  | 1,157,345  | 934,320    | 830,186    | 750,265     | 700,196              | 642,611    | 541,836    | 387,092    | 204,153    |
| Backlog %Asset Value              | 4.9%       | 4.0%       | 3.2%       | 2.8%       | 2.6%        | 2.4%                 | 2.1%       | 1.8%       | 1.2%       | 0.7%       |
| Asset Value                       | 28,497,886 | 28,621,467 | 28,763,798 | 29,230,954 | 29,418,680  | 29,760,153           | 30,362,153 | 30,729,632 | 31,369,185 | 31,369,185 |
| Facilites/Plants                  |            |            |            |            |             |                      |            |            |            |            |
| State of Good Repair Funding      | 193,080    | 263,487    | 282,844    | 236,150    | 214,512     | 176,754              | 163,863    | 171,871    | 198,169    | 229,469    |
| Accumulated Backlog Est. (yr end) | 664,129    | 542,176    | 400,866    | 306,250    | 233,273     | 198,053              | 175,724    | 145,387    | 88,753     | 818        |
| Backlog %Asset Value              | 9.1%       | 7.4%       | 5.5%       | 4.0%       | 3.1%        | 2.5%                 | 2.1%       | 1.7%       | 1.0%       | 0.0%       |
| Asset Value                       | 7,293,600  | 7,315,459  | 7,328,646  | 7,606,595  | 7,631,810   | 7,793,283            | 8,200,283  | 8,370,462  | 8,757,692  | 9,671,592  |
| Linear Infrastructure             |            |            |            |            |             |                      |            |            |            |            |
| State of Good Repair Funding      | 358,318    | 402,842    | 391,590    | 395,604    | 387,969     | 375,342              | 371,804    | 397,390    | 415,383    | 403,287    |
| Accumulated Backlog Est. (yr end) | 732,662    | 615,169    | 533,454    | 523,936    | 516,992     | 502,143              | 466,887    | 396,449    | 298,340    | 203,336    |
| Backlog %Asset Value              | 3.5%       | 2.9%       | 2.5%       | 2.4%       | 2.4%        | 2.3%                 | 2.1%       | 1.8%       | 1.3%       | 0.9%       |
| Asset Value                       | 21,204,286 | 21,306,008 | 21,435,152 | 21,624,359 | 21,786,870  | 21,966,870           | 22,161,870 | 22,359,170 | 22,611,493 | 22,818,537 |

Table 4 SOGR Backlog by Asset Category (In \$000s)

- While both categories of assets have historically received funding for state of good repair projects, the
  accumulated backlog of projects for linear infrastructure has been addressed at a higher rate, resulting in a
  proportionally lower backlog representing 4.0 % of its replacement value at the end of 2016, compared to
  9.8% for facilities.
- Additional condition assessments of infrastructure continue to be undertaken based on asset classes through discrete projects. The condition assessment of booster pumping stations and sewer pipes was completed in 2014 and has resulted in the addition of a pumping station rehabilitation plan to Toronto Water's 10 year Capital Plan in 2015. Condition assessments of sewage pumping stations continue to be undertaken on a prioritized basis and a facility condition assessment is being undertaken and is expected to be completed in 2018. New methods for inspection of pressurized pipe are being explored to assess condition of assets without taking the pipes out of service during the inspection.
- Toronto Water is also undertaking a review to define its requirements to develop an integrated Asset Management solution. This review is expected to be completed in early 2017. The integrated Asset Management solution should provide a plan for implementing harmonized asset management planning across Toronto Water's linear and vertical infrastructure in response to multiple pressures driving capital investment.
- It should be noted that continued trend of higher unit rates for linear infrastructure replacement projects may
  impact negatively on the state of good repair backlog for infrastructure renewal. Toronto Water is in a process
  of quantifying that impact in order to provide an updated information on the state of backlog projects.
- Escalating unit rates for linear infrastructure replacement, due to additional funding requirement for those
  projects, have already resulted in a deferral of some previously planned capital projects by 1 to 5 years, to
  align with the funding availability projected by the Water and Wastewater Rate Model. Toronto Water has also
  modified the infrastructure renewal strategy to expand the use of trenchless rehabilitation to reduce the state
  of good repair backlog.

## **10-Year Capital Plan: Net Operating Budget Impact**

|  | 2017           | Budget              |         | Plan              | 2019    |                   | 2020    |                   | 2021  |                   | 2017 - 2           | 121              | 2017 -           | 2026                |
|--|----------------|---------------------|---------|-------------------|---------|-------------------|---------|-------------------|-------|-------------------|--------------------|------------------|------------------|---------------------|
| Projects   | 2017<br>\$000s | Budget<br>Positions |         | Plan<br>Positions |         | Plan<br>Positions |         | Plan<br>Positions |       | Plan<br>Positions | 2017 - 2<br>\$000s | 021<br>Positions | 2017 -<br>\$000s | - 2026<br>Positions |
| Projects<br>Previously Approved                      | <b>ŞUUUS</b>   | Positions           | \$000s  | PUSICIONS         | ŞUUUS   | FUSICIONS         | ŞUUUS   | POSICIONS         | 3000s | FUSICIONS         | \$000s             | POSICIONS        | \$000s           | POSITIONS           |
| Ashbridges Bay WWTP -                                |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Ferrous Upgrades                                     | 180.0          |                     | (180.0) |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Ashbridges Bay WWTP - D                              | 100.0          |                     | (100.0) |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Building Phase 2                                     |                |                     |         |                   | 165.0   |                   |         |                   |       |                   | 165.0              |                  | 165.0            |                     |
| Basement Flooding Releif -                           |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Tunnel Project                                       |                |                     |         |                   |         |                   | 100.0   |                   |       |                   | 100.0              |                  | 100.0            |                     |
| Basement Flooding Releif -                           |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Group 2  |                |                     | 288.0   | 3.0               |         |                   |         |                   |       |                   | 288.0              | 3.0              | 288.0            | 3.0                 |
| Highland Creek WWTP -                                |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Building Rehab &                                     |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Improvements   |                |                     | 32.0    |                   |         |                   |         |                   |       |                   | 32.0               |                  | 32.0             |                     |
| Laboratory Equipment                                 |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| (Warranty Expiry)                                    | 26.0           |                     | 20.0    |                   | 25.0    |                   | 35.0    |                   | 15.0  |                   | 121.0              |                  | 221.0            |                     |
| Highland Creek WWTP - Odour                          |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Control  |                |                     |         |                   | 100.0   |                   |         |                   |       |                   | 100.0              |                  | 100.0            |                     |
| Ashbridges Bay WWTP -                                |                |                     |         |                   | 50.0    |                   |         |                   |       |                   | 50.0               |                  | 50.0             |                     |
| Service Air Upgrades                                 |                |                     |         |                   | 50.0    |                   |         |                   |       |                   | 50.0               |                  | 50.0             |                     |
| CCTV Increation                                      | 85.0           | 1.0                 |         |                   |         |                   |         |                   |       |                   | 85.0               | 1.0              | 9E 0             | 1.0                 |
| CCTV Inspection                                      | 85.0           | 1.0                 |         |                   |         |                   |         |                   |       |                   | 0.56               | 1.0              | 85.0             | 1.0                 |
| Sewer Replacement Program -                          |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Waterfront Stormwater<br>Infrastructure              | 101.9          | 1.0                 | 320.0   | 3.0               |         |                   |         |                   |       |                   | 421.9              | 4.0              | 421.9            | 4.0                 |
| mirastructure  | 101.9          | 1.0                 | 320.0   | 5.0               |         |                   |         |                   |       |                   | 421.9              | 4.0              | 421.9            | 4.0                 |
| Highland Creek MUMTD Draces                          |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Highland Creek WWTP - Proces                         |                |                     |         |                   | 5.0     |                   |         |                   |       |                   | 5.0                |                  | 5.0              |                     |
| & Facility Upgrades                                  |                |                     |         |                   | 5.0     |                   |         |                   |       |                   | 5.0                |                  | 5.0              |                     |
| Wahland Carely MUNTD                                 |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Highland Creek WWTP -                                |                |                     |         |                   |         |                   |         |                   |       |                   | 40.0               |                  |                  |                     |
| Communication Systems                                |                |                     |         |                   | 10.0    |                   |         |                   |       |                   | 10.0               |                  | 10.0             |                     |
|  |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Humber Treatment WWTP -                              |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| New Substation                                       |                |                     | 104.0   | 1.0               |         |                   |         |                   |       |                   | 104.0              | 1.0              | 104.0            | 1.0                 |
|  |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Highland Creek WWTP -Solids                          |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| & Gas Handling                                       | 52.0           |                     |         |                   |         |                   |         |                   |       |                   | 52.0               |                  | 52.0             |                     |
| Ashbridges Bay WWTP - Liquid                         |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Treatment & Handling -                               |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Primary Treatment Upgrade                            |                |                     | 1,370.8 | 2.0               |         |                   |         |                   |       |                   | 1,370.8            | 2.0              | 1,370.8          | 2.0                 |
| Ashbridges Bay WWTP - Liquid                         |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Treatment & Handling - Waste                         |                |                     |         |                   |         |                   | (       |                   |       |                   |                    |                  |                  |                     |
| Activated Sludger Upgrade                            |                |                     | 360.0   |                   |         |                   | (360.0) |                   |       |                   |                    |                  | 700.0            |                     |
|  |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Ashbridges Bay WWTP - O & M                          |                |                     |         |                   |         |                   | (       |                   |       |                   |                    |                  |                  |                     |
| Upgrades   |                |                     |         |                   | 161.0   | 1.0               | (12.0)  |                   |       |                   | 149.0              | 1.0              | 149.0            | 1.0                 |
|  |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Ashbridges Bay WWTP - Odour                          |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Control - Biofilters Upgrade                         |                |                     | 100.0   |                   |         |                   |         |                   |       |                   | 100.0              |                  | 100.0            |                     |
|  |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Humber Treatment WWTP - Co-                          | ( <b>-</b> · · |                     |         |                   |         |                   |         |                   |       |                   | · ·                |                  | (==== ·          |                     |
| generation   | (703.1)        | 1.0                 |         |                   |         |                   |         |                   |       |                   | (703.1)            | 1.0              | (703.1)          | 1.0                 |
|  |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Water Quality Master Plan -                          |                |                     | 760.6   |                   | 2 000 0 |                   |         |                   |       |                   | a =co -            |                  | a = ca -         |                     |
| Taste and Odour Control                              |                |                     | 760.0   |                   | 3,000.0 |                   |         |                   |       |                   | 3,760.0            |                  | 3,760.0          |                     |
| the large of the large                               |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Island WTP - Chemical &                              |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Residuals Management                                 | 143.7          |                     | 58.0    | 1.0               |         |                   |         |                   |       |                   | 201.7              | 1.0              | 201.7            | 1.0                 |
|  |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Water Treatment Plantwide -                          |                |                     |         |                   |         |                   |         |                   | 1000  |                   |                    |                  |                  |                     |
| UV Desinfection                                      |                |                     |         |                   |         |                   |         |                   | 120.0 |                   | 120.0              |                  | 408.0            |                     |
| New Projects - Future Years                          |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| SWM End of Pipe Facilities -                         |                |                     |         |                   |         |                   |         |                   | 50.0  |                   | 50.0               |                  | 50.0             |                     |
| Etobicoke<br>Wet Weather Flow Master                 |                |                     |         |                   |         |                   |         |                   | 50.0  |                   | 50.0               |                  | 50.0             |                     |
|  |                |                     |         |                   | 115.0   |                   |         |                   |       |                   | 115.0              |                  | 115.0            |                     |
| Plan<br>Achbridges Bay W/WTD                         |                |                     |         |                   | 115.0   |                   |         |                   |       |                   | 115.0              |                  | 115.0            |                     |
| Ashbridges Bay WWTP -                                |                |                     |         |                   |         |                   | 720.0   |                   | 202.0 |                   | 000.0              |                  | 020.0            |                     |
| Desinfection Construction                            |                |                     |         |                   |         |                   | 720.0   |                   | 200.0 |                   | 920.0              |                  | 920.0            |                     |
| Ashbridges Bay WWTP - Liquid                         |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |
| Treatment & Handling -<br>Integrated Pumping Station |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  | 1 000 0          |                     |
|  |                | L                   |         |                   |         | L                 |         |                   |       |                   |                    |                  | 1,000.0          |                     |
| Integrated Fullping Station                          |                |                     |         |                   |         |                   |         |                   |       |                   |                    |                  |                  |                     |

 Table 5

 Net Operating Impact Summary (In \$000s)

\_\_\_\_\_

The 10-Year Recommended Capital Plan will increase future year Operating Budgets by a total of \$9.705 million net over the 2017 – 2026 period, as shown in the table above.

This is comprised of funding to sustain operating costs the following capital projects:

- Year 2017: An increase in operating costs for salaries, benefits, chemicals, energy, utilities, and contracted services from previously approved projects at the Ashbridges Bay Wastewater Treatment and Island Water Treatment plants, as well as maintenance costs of the Waterfront/ East Bayfront stormwater infrastructure (\$0.589 million) will be offset by savings from the implementation of the cogeneration facility upgrades at the Humber Wastewater Treatment Plant (\$0.703 million), resulting in a net reduction of \$0.114 million.
  - One position each is required for the water linear infrastructure inspection scans (CCTV), Humber River Wastewater Treatment Plant and the Waterfront/East Bayfront stormwater infrastructure maintenance, for a total of 3 additional permanent positions.
- Year 2018: An increase in operating costs in the amount of \$3.233 million mostly due to the operating impact
  of capital projects at Ashbridges Bay Wastewater Treatment Plant, the Humber Wastewater Treatment Plant
  new substation, the Water Quality Master Plan's taste and odour projects, and the Waterfront/ East Bayfront
  project.
  - 3 new positions each will be needed for the Waterfront/East Bayfront sewer replacement projects and Basement Flooding Program projects. Another 2 positions are for Ashbridges Bayfront Wastewater Treatment Plant (primary treatment upgrades), and one position each is required for the Humber Wastewater Treatment Plant new substation and the Island Water Treatment Plant chemicals and residual management, for a total of 10 new positions.
- Year 2019: Additional operating costs of \$3.631 million are anticipated from the implementation Water Quality Master Plan's taste and odour projects, Wet Weather Flow Master Plan and implementation of capital projects at Ashbridges Bay and Highland Creek Wastewater Treatment plants.
  - In order to maintain new infrastructure at Ashbridges Bay Wastewater Treatment Plant, one additional position will be required.
- Years: 2019 to 2024. The operating cost increase of \$2.956 million is comprised of funding to sustain variety of capital projects as presented in the table above. There will be no need for additional positions.

These future operating impacts will be reviewed each year as part of the annual Operating Budget process.



## **Issues for Discussion**

## Issues Impacting the 2017 Capital Budget

#### 2017 Water Consumption Forecast

- As noted in the 2017 Water and Wastewater Consumption Rates and Service Fees report, there has been a trend towards reduced water consumption over the last decade, despite population growth. Besides weather conditions, the decline in water consumption is attributed to water efficiency measures and economic factors.
- Over the last ten years, there was a substantial drop in Toronto's water consumption that has declined from 374 in 2005 to 327 million cubic metres at the end of 2015.
- Based on the billing data to the end of August 2016, projected year-end consumption is estimated at 325 million cubic meters, a further drop of 0.5% compared to 2015 actual consumption.
  - While water consumption continues to decline in 2016, the rate of consumption decline is actually less than what had been forecast for budgeting purposes as part of the 2016 Budget.
  - As noted, projected year-end consumption is estimated at 325 million cubic meters, while the 2016 forecast was based on consumption of 321 million cubic meters.
- The 2017 Water and Wastewater Model continues to assume that the 2017 and future year consumption (2018-2026) will continue to decline further by 0.5% annually from the 2016 year-end estimates.
- It is important to note that uncertainty in revenues from the sale of water continues to be a challenge for Toronto Water, especially given that a 1% variance in water consumption estimates would have a \$10.9 million impact on annual anticipated water rate revenue.

#### Water Rate Increases & Reserve Balances

- Council, as part of the 2015 budget process, endorsed the direction that the capital plan prepared for the 2015 Budget be premised on 8% water and wastewater consumption rate increases for 2015 and 2016, followed by successive 5% increases in 2017 and 2018 in order to reinstate approximately \$1 billion in capital funding lost from a systematic decline in consumption and to fund emerging projects.
- For 2017, Toronto Water's 10 Year Capital Plan has been updated to enable it to deliver on key priorities, while also addressing emerging service improvement projects. In order to provide the necessary revenue stream for the 2017-2026 Recommended Capital Budget and Plan in accordance with the Council decision from 2015, the following rate increases are incorporated in the 2017 Water and Wastewater Rate Model:
  - > 5% in 2017 and 2018.
  - > 3% from 2019 to 2026.
- The following should be noted:
  - Based on the above water consumption and water and wastewater rates, sufficient revenues will be generated to fund the 2017-2026 Recommended Capital Budget and Plan, leaving a positive capital financing reserve balance of \$93.476 million at the end of the 10-year period.
  - Toronto Water's 10-Year Capital Plan includes a forecast for the expanded TRCA Watercourse Erosion Control project for a total of \$80.0 million to be spent between 2018 and 2026. It was however assumed that 2/3 (\$48 million) will be funded by other orders of government. This funding has yet to be secured.
  - Unit rate pricing for linear infrastructure replacement have escalated recently, requiring additional funding to cover these increased project costs. As a result, the Program has deferred some previously planned capital projects by 1 to 5 years, to align with the Water and Wastewater Rate Model financial projections of available rate funding. This trend, if it continues, will not only significantly impact the state of good repair backlog for infrastructure renewal, but possibly create funding pressures in future years.

Due to the above and based on the fact that the reserve balance decreases to approximately million in 2025, as some of the largest multi-year projects are nearing completion, any further decline in water consumption would require an adjustment of the 10-Year Recommended Capital Plan's projects.

## **Issues Impacting the 10-Year Capital Plan**

#### State of Good Repair (SOGR) Backlog

- Toronto Water currently has a significant infrastructure renewal backlog, higher than any other major Canadian urban centre. It has the largest asset base in the country, estimated at \$28.415 billion with some infrastructure dating back to the 1800s.
- However, some of the City's oldest pipes (100 years or older) are still performing well. As Toronto Water
  plans for the renewal of aging infrastructure, a risk based approach is taken that considers infrastructure age,
  condition and performance assessment, upsizing, which may be required to service future growth, and
  opportunities to reduce overall costs.
- Some key initiatives to identify Toronto Water's State of Good Repair needs include:
  - Water Loss Reduction Program which includes leak detection surveys on distribution water mains that is an indicator of the condition and performance of watermain.
  - Closed camera TV (CCTV) inspection program that utilizes closed camera technology to assess the condition of sanitary and storm sewers.
- The 2016 year-end value of the infrastructure renewal backlog is estimated at \$1.552 billion, reflecting 5.5% of Toronto Water's total asset value of \$28.415 billion. This is based on a detailed analysis of current condition assessments and assumptions of service life by linear asset class, coupled with assessments of water and wastewater treatment facilities.
- Condition assessments of infrastructure by asset class continue to be reviewed and updated. In addition to the condition assessments, Toronto Water is undertaking a review to define its requirements for an integrated Asset Management Solution to support further development of its Asset Management Plans. This review, with recommendations for an implementation plan is expected to be completed in early 2017.
- The 10-Year Recommended Capital Plan State of Good Repair funding totals \$5.959 billion that averages \$596 million annually over the 10 year period. This level of funding will contribute towards reducing the watermain and sewer break rates. If the state of good repair backlog remains unchanged, the year-end backlog will of \$1.552 billion in 2016 will be effectively eliminated by the end of 2026.
- A continued trend in escalating unit rate pricing for linear infrastructure will significantly impact the state of good repair backlog for infrastructure renewal as project deferral is required to align with projected funding. These unit rates are mostly impacted by construction industry capacity to deliver projects across the City.
- The Program's State of Good Repair Backlog analysis excludes stormwater management facilities (stormwater ponds and underground storage tanks) as they are relatively new assets, nor does it include stream restoration from erosion scars. A condition assessment of stromwater ponds is being undertaken to determine long term state of good repair requirements. Restoration of watercourses is planned is planned on a priority basis to protect existing infrastructure and in coordination with the Toronto Region Conservation Authority based on site conditions resulting from extreme weather events.

### **Basement Flooding**

 In April 2006, City Council approved a Basement Flooding Protection Work Plan (now referred to as the Basement Flooding Protection Program) to undertake comprehensive engineering studies in 31 basement flooding study areas that experienced significant flooding during extreme storms in May 2000 and August 2005.

- New service level standards were adopted, requiring storm drainage systems to accommodate a 1 in 100 year return frequency storm event, up from the current 1 in 2 to 1 in 5 year return frequency storm.
- Between 2006 and 2015, the number of study areas in the City was increased from 67 study areas and in response to additional storm events and new occurrences of basement flooding, City Council approved the city-wide expansion of the Basement Flooding Protection Program.
- In August 2014, Council approved an expanded program management capital delivery model for the Basement Flooding Protection Program that will deliver more quickly and more efficiently a larger number of infrastructure improvements, and meet the needs of the city-wide expansion of the Program
- As of the end of October 2016, Basement Flooding Environmental Assessment (EA) studies for 30 basement flooding study areas have been completed. These EA studies investigate the causes of basement and surface flooding and recommend sewer system improvements to reduce the risk of future basement flooding during extreme storms. Eleven studies are ongoing, one study will be completed in 2016, 8 studies are anticipated to be completed in 2017 and 2 studies are planned for completion in 2018.
- The construction of basement flooding protection projects began in 2009. Many challenges exist with the implementation of works recommended by the EA studies. Retrofitting an area to accommodate the higher level of storm drainage and overland flow controls in existing fully developed areas present the most significant challenge in terms of cost, scheduling and disruption to the local communities.
  - By the end of 2016, \$247 million will have been spent to upgrade storm and sanitary sewers and other related infrastructure to meet the enhanced level of service requirements required under the Basement Flooding Protection Program. A further \$36 million in construction projects has been committed.
- The 2017 2026 Capital Budget and Plan includes \$1.527 billion in funding for Basement Flooding Protection Program projects. Despite this level of funding, Toronto Water will continue to face the following challenges:
  - There are increasing demands and high expectations for the further acceleration of basement flooding EA studies and implementation of projects by residents and businesses as a result of the tremendous impacts of basement flooding during extreme weather events.
  - Some of the recommended basement flooding protection projects from completed basement flooding EA studies have a cost that is greater than the Council adopted threshold of \$32,000 per benefitting property, and therefore these projects are not proceeding to engineering design and construction.
- The cost to implement basement flooding protection projects across all 67 study areas need to be continuously updated, as basement flooding EA studies are completed and new works are recommended.

### Stream Restoration and Critical Erosion Projects

- As a part of its Stormwater Management Program, Toronto Water provides an annual funding contribution to the Toronto and Region Conservation Authority (TRCA) for stream restoration and erosion control projects. The 2017-2026 Capital Budget and Plan allocates a total of \$147.746 million over a 10-year period, as Toronto Water continues to support the TRCA's efforts in watercourse management.
- Toronto Water's 2017-2026 Capital Budget and Plan also includes further funding of \$122.267 million over the next 10 year horizon for stream restoration and erosion management to carry out work to protect its own infrastructure in valley lands.

Funding Pressures for Stormwater Management

- Concurrently with the 2016 Operating Budget and 2017-2025 Capital Budget and Plan, Council approved a report entitled "Funding Options for Paying for Toronto Water's Stormwater Management Capital Program.
  - This report highlighted the growing needs of the stormwater management capital program, which, as a portion of the total capital program, was projected to grow from 18% in 2015 to 40% in 2025. The report recommended development of an implementation plan for a charge that is dedicated to funding stormwater management projects. This involves a separate funding structure for stormwater management based on alternative parameters including per lot charges and impervious area.
  - The work on the implementation plan has started and the report back is expected in the spring of 2017. A possible implementation of new funding structure is anticipated for 2018.
- The 2017-2026 Recommended Capital Plan is based on the current consumption based water rate funding and all necessary revenues for the Capital Plan are to be generated by the rate increases included in the 2017 Water and Wastewater Rate Model, until such time that Council approves a new funding structure.

### Other Challenges

- Planning for Extreme Weather Events
  - Due to the extreme cold weather events, Toronto Water experienced an unprecedented number of watermain breaks, leaking and frozen water services, not seen in 20 years, resulting in additional funding requirements in 2014 and 2015. Planning and preparing for an adequate response during extreme weather events remains to be a challenge for Toronto Water. This process is currently underway.
- Planning for Growth
  - The City of Toronto is experiencing significant growth with many landowners submitting development applications to increase the density permitted by the zoning-by-law. A strategy is required to ensure that water and wastewater services are available for the new developments.

## **Issues Referred to the 2017 Capital Budget Process**

## TRCA Unfunded Projects:

- During the 2016 Capital Budget Process, since TRCA has identified \$182.942 million of unmet needs, including \$60 million for the Scarborough Waterfront Access Trail that could not be accommodated within the existing debt targets, City Council requested that the Chief Executive Officer of the Toronto and Region Conservation, in consultation with the General Managers of Parks, Forestry & Recreation, Toronto Water, and Transportation Services work together to develop the business cases for the unfunded priority projects consistent with the City of Toronto's Capital Budget Instructions and Guidelines for consideration in the 2017-2026 Capital Plan.
- These projects go beyond erosion control and source water protection and have linkages not only to service objectives of Toronto Water, but other City Programs including Parks, Forestry and Recreation, and Transportation Services as well. They encompass variety of initiatives, such as the restoration of the natural environment, the creation of recreation and transportation infrastructure such as visitor's centres, public access to the water, trails, and cycling paths.
- In response to the above request TRCA developed an updated list of unmet needs which is presented in the table below:

|  |          | Total           | Non-            |                  |       |        |        |        | Cash   | Flow   |        |        |        |        |
|--|----------|-----------------|-----------------|------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Project Description                                    | Criteria | Project<br>Cost | Debt<br>Funding | Debt<br>Required | 2017  | 2018   | 2019   | 2020   | 2021   | 2022   | 2023   | 2024   | 2025   | 2026   |
| Scarborough Waterfront Access Trail                    | 6        | 51,000          | 25,500          | 25,500           |       | 3,000  | 6,000  | 6,000  | 6,000  | 6,000  | 6,000  | 6,000  | 6,000  | 6,000  |
| South Mimico Trail Link and Restoration                | 6        | 2,105           | 1,052           | 1,053            |       | 1,300  | 805    |        |        |        |        |        |        |        |
| Scarborough Bluffs West Study - EA                     | 6        | 2,000           | 1,000           | 1,000            |       |        | 2,000  |        |        |        |        |        |        |        |
| Scarborough Bluffs West Project Implementation         | 6        | 28,000          | 14,000          | 14,000           |       |        |        | 4,000  | 4,000  | 4,000  | 4,000  | 4,000  | 4,000  | 4,000  |
| Tommy Thompson Park - Master Plan Phase II             | 6        | 17,814          | 8,907           | 8,907            | 990   | 4,268  | 2,556  | 2,000  | 2,000  | 2,000  | 2,000  | 2,000  | -      | -      |
| IT Infrastructure                                      | 5        | 1,000           |                 | 1,000            | 100   | 100    | 100    | 100    | 100    | 100    | 100    | 100    | 100    | 100    |
| Black Creek Pioneer Village Retrofit                   | 3        | 8,450           |                 | 8,450            | 1,000 | 1,000  | 1,000  | 1,000  | 1,000  | 1,000  | 1,000  | 1,000  | 1,000  | 1,000  |
| Assets Management Plan Analysis and Development        | 3        | 250             |                 | 250              | 250   |        |        |        |        |        |        |        |        |        |
| Assets Management Plan Implementation                  | 3        | 5,250           |                 | 5,250            |       | 500    | 500    | 550    | 550    | 600    | 600    | 650    | 650    | 650    |
| Greenlands Acquisition Project                         |          | 33,500          | 16,750          | 16,750           | 2,250 | 2,500  | 2,750  | 3,000  | 3,250  | 3,500  | 3,750  | 4,000  | 4,250  | 4,250  |
| Lower Don Erosion Restoration Project                  | 3        | 4,000           | 4,000           |                  | 100   | 200    | 1,200  | 1,200  | 1,300  |        |        |        |        |        |
| Flood Mitigation Priority Enhancements Studies         | 3        | 1,500           | 1,500           |                  | 150   | 150    | 150    | 150    | 150    | 150    | 150    | 150    | 150    | 150    |
| - Lower Don River Transportation Corridor              | 3        |                 |                 |                  |       |        |        |        |        |        |        |        |        |        |
| - Jane Wilson Flood Management & Improvement           | 3        |                 |                 |                  |       |        |        |        |        |        |        |        |        |        |
| Western Beaches Breakwall Repair (Phase 1)             | 3        | 7,000           | 7,000           |                  |       | 500    | 500    | 2,000  | 2,000  | 2,000  |        |        |        |        |
| Special Policy Areas and Flood Vulnerable Areas Review | 3        | 1,500           | 1,500           |                  | 150   | 150    | 150    | 150    | 150    | 150    | 150    | 150    | 150    | 150    |
| - Dundas West  |          |                 |                 |                  |       |        |        |        |        |        |        |        |        |        |
| - Highland Creek                                       | 3        |                 |                 |                  |       |        |        |        |        |        |        |        |        |        |
| Watershed Planning                                     | 8        | 780             | 390             | 390              | 78    | 78     | 78     | 78     | 78     | 78     | 78     | 78     | 78     | 78     |
| Gatineau Hydro Corridor Revitalization                 | 8        | 700             |                 | 700              |       |        |        | 100    | 100    | 100    | 100    | 100    | 100    | 100    |
| Climate Research and Resilience                        | 8        | 400             |                 | 400              |       | 150    | 150    | 100    |        |        |        |        |        |        |
| Sustainable Neighborhood Retrofit Action Plan          | 8        | 1,350           |                 | 1,350            | 100   | 100    | 125    | 125    | 150    | 150    | 150    | 150    | 150    | 150    |
| Partners in Project Green - Eco Forks                  | 8        | 1,010           |                 | 1,010            | 175   | 320    | 370    | 320    |        |        |        |        |        |        |
| Total  |          | 167,609         | 81,599          | 86,010           | 5,343 | 14,316 | 18,434 | 20,873 | 20,828 | 19,828 | 18,078 | 18,378 | 16,628 | 16,628 |

**Criteria:** Health & Safety or SOGR projects that need to be addressed to avoid service interruption or legal claims (3), Capital projects that generate operating savings/efficiencies or cost avoidance (5). Capital projects to implement approved Council priorities (6), Capital projects to address a sustained service demand (8).

Funding allocations are approximate given the nature of the project and the business case.

 Currently, TRCA is in the process of developing detailed business cases for each of the items above, which will then be prioritized and the associated sources of funding identified. Funding ratios in the table above may change as the business cases are further developed and each component relating to Transportation, Toronto Water and Parks, Forestry and Recreation is determined. It is anticipated that this review will be completed in time for the 2018 Budget Process.



## **Appendix 1** 2016 Performance

## 2016 Key Accomplishments

In 2016, Toronto Water made significant progress and/or accomplished the following:

#### Water Treatment & Supply

- ✓ Approximately 35 km of watermain replacement (\$71 million) and 63 km of structural watermain lining (\$49 million).
- ✓ Water service replacement (\$32 million).
- ✓ Water treatment plant upgrades (\$39 million).
- ✓ Transmission watermain replacement (\$14 million).
- ✓ Reservoirs and pumping stations (\$18 million).
- ✓ St. Clair Reservoir refurbishment award (\$25 million).
- Ellesmere Pumping Station Power Generators Upgrade award (\$24 million).  $\checkmark$

#### Wastewater Collection and Treatment

- ✓ 7 km of sewer replacement (\$33 million) and 130 km of sewer rehabilitation (\$52 million); trunk sewer rehabilitation (\$21 million).
- ✓ Ashbridges Bay Wastewater Treatment Plant on-going projects P Building Upgrades, biofilters and engineering for the influent pump station and outfall projects (\$61 million).
- ✓ Highland Creek Treatment Plant biosolids upgrades, odour control upgrades (\$29 million).
- ✓ Humber Wastewater Treatment Plant gas compressor, odour control and secondary treatment upgrades (\$41 million).

#### Stormwater Management

- Basement Flooding Protection Program (\$45 million). √
- ✓ Wet Weather Flow Master Plan (\$60 million).

### 2016 Financial Performance

| Table 9       2016 Budget Variance Analysis (In \$000's) |            |          |                |                 |                 |           |  |  |  |  |  |  |  |
|--|------------|----------|----------------|-----------------|-----------------|-----------|--|--|--|--|--|--|--|
| 2016 Budget  | As of June | 30, 2016 | Projected Actu | als at Year-End | Unspent Balance |           |  |  |  |  |  |  |  |
| \$   | \$         | % Spent  | \$             | % Spent         | \$ Unspent      | % Unspent |  |  |  |  |  |  |  |
| 851,652  | 341,548    | 40.1%    | 695,944        | 81.7%           | 155,708         | 18.3%     |  |  |  |  |  |  |  |

\* Based on 2016 Q2 Capital Variance Report

For additional information regarding the 2016 Q2 capital variances and year-end projections, please refer to the report entitled "Capital Variance Report for the Six-Month Period Ended June 30, 2016" considered by City Council at its meeting on October 5, 2016.

http://app.toronto.ca/tmmis/viewAgendaltemHistory.do?item=2016.EX17.16

### Impact of the 2016 Capital Variance on the 2017 Recommended Capital Budget

As a result of the delays in the capital projects, as described in the 2016 Q2 Capital Variance Report, funding of \$129.579 million is being carried forward to the 2017 Recommended Capital Budget to continue the capital work.

 A detailed review of the 2017 – 2026 Recommended Capital Budget and Plan has been conducted and the necessary adjustments have been made to the timing of cash flow funding for unique and major capital projects such as Ashbridges Bay, Highland Creek and Humber River Wastewater Treatment Plant upgrades, watermain and sewer replacement projects, basement flooding and wet weather flow implementation projects totalling \$360.472 million. By deferring the cash flow funding to future years, the 2017 Recommended Capital Budget reflects readiness to proceed and will lead to a higher rate of spending.

## Appendix 2

## Table 102017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan (\$000s)

| Project                         | Total<br>Project<br>Cost | Prior Year<br>Carry<br>Forward | 2017    | 2018      | 2019      | 2020      | 2021      | 2017 - 2021 | 2022      | 2023      | 2024      | 2025      | 2026      | 2017 - 2026<br>Total |
|---------------------------------|--------------------------|--------------------------------|---------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|----------------------|
| Health & Safety:                |                          |                                |         |           |           |           |           |             |           |           |           |           |           |                      |
| Ashbridges Bay TP               |                          | 779                            | 2,709   | 5,142     | 2,756     | 1,198     |           | 12,584      |           |           |           |           |           |                      |
| Humber TP                       |                          | 577                            | 1,154   | 3,113     | 2,710     | 23        | 423       | 8,000       | 400       | 400       | 400       | 400       | 200       | 9,800                |
| Sub-Total                       |                          | 1,356                          | 3,863   | 8,255     | 5,466     | 1,221     | 423       | 20,584      | 400       | 400       | 400       | 400       | 200       | 22,384               |
| Legislated:                     |                          |                                |         |           |           |           |           |             |           |           |           |           |           |                      |
| Water Service Replacement       |                          | 11,078                         | 27,179  | 47,210    | 48,250    | 44,250    | 44,050    | 222,017     | 46,000    | 46,000    | 46,000    | 45,500    | 44,000    | 449,517              |
| Pumping Stations                |                          | 1,985                          | 724     | 5,324     | 4,844     | 9,500     | 11,656    | 34,033      | 9,690     | 7,298     | 3,150     | 50        | 50        | 54,271               |
| WT - Storage & Treatment        |                          | 4                              | 100     | 100       | 100       |           |           | 304         |           |           |           |           |           | 304                  |
| Ashbridges Bay TP               |                          | 2,394                          | 2,766   | 91,625    | 126,977   | 122,007   | 60,475    | 406,244     | 64,575    | 55,100    | 37,658    | 35,513    | 64        | 599,154              |
| Highland Creek TP               |                          | 23                             | 13,478  | 9,300     | 10,205    | 7,817     | 1,550     | 42,373      | 6,550     | 11,300    | 10,550    | 5,350     |           | 76,123               |
| Humber TP                       |                          | 5,427                          | 1,028   | 6,610     |           |           |           | 13,065      |           |           |           |           |           | 13,065               |
| RL Clark TP                     |                          | 42                             | 427     | 2,833     | 700       |           |           | 4,002       |           |           |           |           |           | 4,002                |
| Island TP                       |                          | 29                             | 11,551  | 2,677     | 5,000     | 14,650    | 14,850    | 48,757      | 6,200     | 75        | 25        |           |           | 55,057               |
| Sub-Total                       |                          | 20,982                         | 57,253  | 165,679   | 196,076   | 198,224   | 132,581   | 770,795     | 133,015   | 119,773   | 97,383    | 86,413    | 44,114    | 1,251,493            |
| State of Good Repair:           |                          |                                |         |           |           |           |           |             |           |           |           |           |           |                      |
| Business & Technology           |                          |                                | 510     | 1,400     |           |           |           | 1,910       |           |           |           |           |           | 1,910                |
| Linear Eng                      |                          | 2,933                          | 69,507  | 89,247    | 84,072    | 73,874    | 63,029    | 382,662     | 66,572    | 61,856    | 65,960    | 68,004    | 75,443    | 720,497              |
| Sewer Rehabilitation            |                          | 4,833                          | 59,052  | 57,822    | 65,736    | 54,636    | 60,645    | 302,724     | 62,286    | 61,186    | 61,336    | 61,236    | 61,236    | 610,004              |
| Sewer Replacement               |                          | 1,216                          | 12,894  | 17,825    | 13,434    | 17,524    | 16,916    | 79,809      | 15,000    | 15,000    | 15,000    | 15,000    | 15,000    | 154,809              |
| WM Rehabilitation               |                          | 1,541                          | 76,223  | 76,166    | 74,140    | 72,877    | 71,625    | 372,572     | 71,415    | 71,398    | 70,537    | 70,510    | 70,510    | 726,942              |
| WM Replacement                  |                          | 1,122                          | 76,690  | 79,779    | 89,912    | 104,140   | 96,494    | 448,137     | 95,000    | 95,000    | 95,000    | 95,000    | 95,000    | 923,137              |
| Water Service Replacement       |                          |                                | 1,500   | 1,500     |           |           |           | 3,000       |           |           |           |           |           | 3,000                |
| Pumping Stations                |                          | 393                            | 688     | 10,969    | 10,969    | 1,025     | 2,025     | 26,069      | 2,000     | 2,000     | 2,000     | 2,000     | 2,000     | 36,069               |
| Trunk Water Mains               |                          | 2,762                          | 13,319  | 12,557    | 3,851     | 14,547    | 25,000    | 72,036      | 27,400    | 21,750    | 25,600    | 25,550    | 25,250    | 197,586              |
| WT - Storage & Treatment        |                          | 5,733                          | 12,884  | 29,830    | 28,359    | 25,413    | 20,019    | 122,238     | 11,067    | 16,217    | 39,650    | 38,650    | 38,000    | 265,822              |
| Trunk Sewers & Pumping Stations |                          | 6,185                          | 24,552  | 47,880    | 33,588    | 32,221    | 35,275    | 179,701     | 25,888    | 28,919    | 42,587    | 58,148    | 42,588    | 377,831              |
| Ashbridges Bay TP               |                          | 29,799                         | 39,057  | 108,076   | 155,133   | 135,002   | 150,699   | 617,766     | 122,148   | 115,734   | 92,729    | 97,065    | 122,559   | 1,168,001            |
| Highland Creek TP               |                          | 8,860                          | 8,890   | 21,197    | 22,871    | 11,746    | 4,515     | 78,079      | 8,614     | 14,300    | 17,480    | 15,000    | 18,700    | 152,173              |
| Humber TP                       |                          | 1,337                          | 50,833  | 55,142    | 48,266    | 50,472    | 35,413    | 241,463     | 30,450    | 13,250    | 8,600     | 33,694    | 36,300    | 363,757              |
| RL Clark TP                     |                          | 252                            | 10,494  | 12,757    | 10,752    | 4,654     | 260       | 39,169      | 235       | 200       | 200       | 200       | 200       | 40,204               |
| RC Harris TP                    |                          | 658                            | 11,553  | 17,563    | 7,657     | 2,410     | 713       | 40,554      | 1,250     | 1,000     | 11,000    | 11,500    | 11,500    | 76,804               |
| FJ Horgan TP                    |                          | 519                            | 3,016   | 3,049     | 550       | 1,102     | 785       | 9,021       | 684       | 202       | 202       | 200       | 200       | 10,509               |
| Island TP                       |                          | 1,822                          | 1,840   | 8,424     | 4,304     | 3,282     | 375       | 20,047      | 675       | 1,475     | 525       | 375       | 525       | 23,622               |
| WWF-Implementation Projects     |                          | 713                            | 1,032   | 7,479     | 8,892     | 10,685    | 4,315     | 33,116      | 3,586     | 1,900     | 1,900     | 980       | 980       | 42,462               |
| WWF - Stream Restoration        |                          | 158                            | 5,783   | 7,419     | 11,065    | 14,660    | 12,645    | 51,730      | 6,195     | 12,795    | 17,470    | 18,955    | 15,280    | 122,425              |
| Yards & Facility                |                          | -                              | 245     | 248       | 883       | 1,484     | 1,733     | 4,593       | 1,631     | 1,485     | 1,485     | 1,485     | 1,485     | 12,164               |
| Sub-Total                       |                          | 70,836                         | 480,562 | 666,329   | 674,434   | 631,754   | 602,481   | 3,126,396   | 552,096   | 535,667   | 569,261   | 613,552   | 632,756   | 6,029,728            |
| Service Improvements:           |                          | 4 224                          |         | 2.400     | 500       | 246       |           |             |           |           |           |           |           |                      |
| Water Meter Program (AMR)       |                          | 1,334                          | 4,040   | 3,180     | 500       | 346       | 460.350   | 9,400       | 400.000   | 405 000   | 405 000   | 405 000   |           | 9,400                |
| Basement Flooding               |                          | 20,030                         | 51,817  | 95,348    | 121,144   | 138,707   | 160,358   | 587,404     | 180,000   | 195,000   | 195,000   | 195,000   | 195,044   | 1,547,448            |
| Business & Technology           |                          | 3,283                          | 8,713   | 18,774    | 18,257    | 13,805    | 5,792     | 68,624      | 3,014     | 3,084     | 2,769     | 2,714     | 1,814     | 82,019               |
| Linear Eng                      |                          | 90                             | 862     | 3,300     | 3,535     | 6,975     | 6,675     | 21,437      | 6,975     | 6,975     | 6,975     | 6,475     | 5,975     | 54,812               |
| Sewer Replacement               |                          | 41                             | 5,401   |           |           |           |           | 5,442       |           |           |           |           |           | 5,442                |
| Pumping Stations                |                          | 374                            | 14      | 214       |           |           |           | 602         |           |           |           |           |           | 602                  |
| Trunk Water Mains               |                          | 302                            |         | 866       | 2,107     | 1,850     | 241       | 5,366       | 92        |           |           |           |           | 5,458                |
| WT - Storage & Treatment        |                          | 1,022                          | 8,211   | 10,040    | 10,371    | 1,813     | 13        | 31,470      | 14        |           |           |           |           | 31,484               |
| Ashbridges Bay TP               |                          | 678                            | 1,622   | 9,175     | 7,170     | 3,905     | 7,760     | 30,310      | 6,695     | 1,060     | 20,000    | 40,000    | 1,300     | 99,365               |
| Highland Creek TP               |                          | 1,269                          | 2,990   | 19,441    | 18,430    | 28,396    | 41,708    | 112,234     | 39,285    | 65,000    | 52,050    | 20,200    | 16,150    | 304,919              |
| Humber TP                       |                          | 909                            | 1,376   | 3,077     | 6,705     | 5,500     | 918       | 18,485      | 20        |           |           |           |           | 18,505               |
| RC Harris TP                    |                          | 162                            | 874     | 5,972     | 1,699     | 1,007     |           | 9,714       |           |           |           |           |           | 9,714                |
| FJ Horgan TP                    |                          | 50                             | 1,784   | 2,625     | 2,230     | 10        | 10        | 6,709       |           |           |           |           |           | 6,709                |
| Island TP                       |                          | 29                             | 606     | 1,326     | 1,222     | 665       | 42.000    | 3,848       | 24.400    | 25 405    | 17.000    | F 4 707   | 24.202    | 3,848                |
| WTP-Plantwide                   |                          | 90                             | 1,560   | 5,974     | 12,759    | 32,921    | 43,000    | 96,304      | 31,198    | 25,485    | 17,280    | 54,785    | 34,200    | 259,252              |
| WWF-Implementation Projects     |                          | 1,609                          | 15,564  | 43,837    | 109,012   | 134,635   | 122,115   | 426,772     | 134,135   | 144,075   | 149,071   | 185,470   | 130,470   | 1,169,993            |
| WWF-TRCA                        |                          | 585                            | 12,775  | 13,382    | 14,341    | 14,104    | 14,219    | 69,406      | 14,337    | 15,958    | 16,082    | 16,209    | 16,339    | 148,331              |
| WWF - Stream Restoration        |                          | 17                             | 28      |           |           |           |           | 45          |           |           |           |           |           | 45                   |
| Yards & Facility                |                          | 500                            | 2,707   | 3,977     | 2,355     | 2,605     | 1,005     | 13,149      | 605       | 605       | 605       | 605       | 21,505    | 37,074               |
| Sub-Total                       |                          | 32,374                         | 120,944 | 240,508   | 331,837   | 387,244   | 403,814   | 1,516,721   | 416,370   | 457,242   | 459,832   | 521,458   | 422,797   | 3,794,420            |
| Growth Related:                 |                          |                                |         |           |           |           |           |             |           |           |           |           |           |                      |
| Linear Eng                      |                          | 135                            | 1,015   | 650       | 300       | 150       | 150       | 2,400       | 150       | 150       | 150       | 150       | 150       | 3,150                |
| New Connections                 |                          |                                | 35,000  | 35,200    | 36,000    | 36,000    | 36,000    | 178,200     | 36,000    | 36,000    | 36,000    | 36,000    | 36,000    | 358,200              |
| New Sewers                      |                          | 560                            | 7,085   | 14,240    | 15,230    | 7,000     | 1,000     | 45,115      | 1,000     | 1,000     | 6,000     | 9,000     | 9,000     | 71,115               |
| WM Replacement                  |                          | 1,260                          | 18,108  | 32,295    | 29,349    | 26,350    | 18,412    | 125,774     | 17,833    | 18,073    | 18,040    | 19,000    | 19,000    | 217,720              |
| Pumping Stations                |                          | 983                            | 2,417   | 6,300     | 6,265     | 3,928     | 2,128     | 22,021      | 10.050    | 22.450    | 40.070    | 40.770    | 20.455    | 22,021               |
| Trunk Water Mains               |                          | 180                            | 2,220   | 13,361    | 13,475    | 10,633    | 11,631    | 51,500      | 16,950    | 33,450    | 49,070    | 42,770    | 30,450    | 224,190              |
| WT - Storage & Treatment        |                          | 230                            | 146     | 1,597     | 430       | 3,650     | 5,260     | 11,313      | 3,250     | 2,110     | 20        | 20        | -         | 16,713               |
| Trunk Sewers & Pumping Stations |                          | 424                            | 331     | 855       | 1,100     | 2,750     | 9,300     | 14,760      | 26,150    | 26,400    | 40,900    | 40,500    | 40,500    | 189,210              |
| Ashbridges Bay TP               |                          | 225                            | 25      | 1,000     | 500       | 250       |           | 2,000       |           |           |           |           |           | 2,000                |
| Highland Creek TP               |                          | 10                             | -       | 190       | 800       | 500       |           | 1,500       |           |           |           |           |           | 1,500                |
| FJ Horgan TP                    |                          | 24                             | 51      | 75        |           |           |           | 150         | 40        |           |           |           |           | 190                  |
| Water Efficiency Plan           |                          |                                | 520     | 520       | 520       | 520       | 520       | 2,600       | 520       | 520       | 520       | 520       | 520       | 5,200                |
| WWF-Implementation Projects     | ļ                        |                                | 25      | 100       | 100       | 100       | 100       | 425         | 75        |           |           |           |           | 500                  |
| Sub-Total                       |                          | 4,031                          | 66,943  | 106,383   | 104,069   | 91,831    | 84,501    | 457,758     | 101,968   | 117,703   | 150,700   | 147,960   | 135,620   | 1,111,709            |
| Total                           |                          | 129,579                        | 729.565 | 1,187,154 | 1,311,882 | 1,310,274 | 1,223,800 | 5,892,254   | 1,203,849 | 1,230,785 | 1,277,576 | 1.369.783 | 1,235,487 | 12,209,734           |

## Appendix 3

## 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

Report Phase 2 - Program 10 Water Program Program Phase 2 Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4

#### **CITY OF TORONTO**

Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| ADMM- 2017 SC         Sub-bold         Sub-bold         Sub-bold       Sub-bold         Sub-bold  |          | 3   |          |       |            |            |           |           |       |       |            |    |             |               |           |        |         |         |       |   |       |
|---|----------|---|----------|-------|------------|------------|-----------|-----------|-------|-------|------------|----|-------------|---------------|-----------|--------|---------|---------|-------|---|-------|
| Ball         Finance         F  |          |   |          | Cur   | rent and F | uture Year | Cash Flov | w Commitn | nents |       |            | Cu | rrent and F | uture Year C  | Cash Flow | v Comm | itments | Finance | d By  |   |       |
| 0       2       PLATE EXAMPSION - DECEMPA & CONSTR. CM       S2       0       2       0 <th></th> <th></th> <th>at. 2017</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th></th> <th></th> <th></th> <th>Grants and</th> <th></th> <th></th> <th>R<br/>Reserves</th> <th>leserve</th> <th>from</th> <th>Other 1</th> <th>Other2</th> <th>Recov</th> <th></th> <th></th>  |          |   | at. 2017 | 2018  | 2019       | 2020       | 2021      |           |       |       | Grants and |    |             | R<br>Reserves | leserve   | from   | Other 1 | Other2  | Recov |   |       |
| MAME         MAME <th< td=""><td>WAT00000</td><td>HORGAN W.T.P. EXPANSION</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>   | WAT00000 | HORGAN W.T.P. EXPANSION                         |          |       |            |            |           |           |       |       |            |    |             |               |           |        |         |         |       |   |       |
| Admit 2 bit Set         Admit 2 bi  | 0 2      |   | 5 24     | 0     | 0          | 0          | 0         | 24        | 0     | 24    | o          | 0  | ) 8         | 0             | 8         | 0      | )       | 0 8     | 3 0   | 0 | 24    |
| 11750         1175         1<   | 0 38     |   | 5 51     | 75    | 0          | 0          | 0         | 126       | 0     | 126   | о          | 0  | ) 40        | 0             | 46        | 0      | )       | 0 40    | 0 0   | 0 | 126   |
| NATIONALI         WATE STORAGE EXAMPSON         No. 10         No. 10         No. 10         No. 11         No. 7         No. 10  | 0 39     |   | 5 0      | 0     | 0          | 0          | 0         | 0         | 40    | 40    | 0          | 0  | ) 13        | 0             | 14        | 0      | )       | 0 13    | 3 0   | 0 | 40    |
| NATURE         DUFFENN RES. EXT-DESION AND CONT         CW S2 65         14         0        0         0         0 <td></td> <td>Sub-total</td> <td>75</td> <td>75</td> <td>0</td> <td>0</td> <td>0</td> <td>150</td> <td>40</td> <td>190</td> <td>0</td> <td>0</td> <td>61</td> <td>0</td> <td>68</td> <td>0</td> <td>)</td> <td>0 6</td> <td>1 0</td> <td>0</td> <td>190</td>   |          | Sub-total                                       | 75       | 75    | 0          | 0          | 0         | 150       | 40    | 190   | 0          | 0  | 61          | 0             | 68        | 0      | )       | 0 6     | 1 0   | 0 | 190   |
| CONT. ADMIN   | WAT00001 | 4 WATER STORAGE EXPANSION                       |          |       |            |            |           |           |       |       |            |    |             |               |           |        |         |         |       |   |       |
| No.       S2       Multicent<br>PSARESERVOID       CW S3       O5       O       37       O       O       37       O       O       37       O       O       37       O       O       17       O  | 0 1      |   | 5 18     | 0     | 0          | 0          | 0         | 18        | 0     | 18    | 0          | 0  | ) 11        | 0             | 7         | 0      | )       | 0 (     | 0 0   | 0 | 18    |
| F9SRESERV.OPESIGNARCONT         F9SRESERV.OPESIGNARCONT         F9SRESERV.OPESIGNAND CONT         F9SRESERV.OPESIGNADD CONT         F9SRES  | 0 2      | Milliken PS and Reservoir - Engineering CW S2 0 | 5 50     | 0     | 0          | 0          | 0         | 50        | 0     | 50    | 0          | 0  | ) 21        | 0             | 10        | 0      | )       | 0 19    | 9 0   | 0 | 50    |
| ADMM-3017 SC       VECUALS RETROPINGADES V       Sub-lobal       VECUALS RETROPINGADES V       S       VECUALS VECUALS RETROPINGADES V       S       VECUALS VEC  | 0 52     |   | 5 0      | 37    | 0          | 0          | 0         | 37        | 0     | 37    | o          | 0  | ) 15        | 0             | 8         | 0      | )       | 0 14    | 4 0   | 0 | 37    |
| VALUE VALUE RESIDUADING MATE ACULTIES         Value | 0 53     |   | -17      | 0     | 0          | 0          | 0         | -17       | 0     | -17   | 0          | 0  | ) -10       | 0             | -7        | 0      | )       | 0 (     | 0 0   | 0 | -17   |
| Note       Residuals Retropits and UPGRADES       CV       S2       02       1,036       4.25       0       0       1,461       0       0       0       1,461       0       0       0       1,461       0 <td></td> <td>Sub-total</td> <td>51</td> <td>37</td> <td>0</td> <td>0</td> <td>0</td> <td>88</td> <td>0</td> <td>88</td> <td>0</td> <td>0</td> <td>) 37</td> <td>0</td> <td>18</td> <td>0</td> <td>)</td> <td>0 3</td> <td>3 0</td> <td>0</td> <td>88</td>  |          | Sub-total                                       | 51       | 37    | 0          | 0          | 0         | 88        | 0     | 88    | 0          | 0  | ) 37        | 0             | 18        | 0      | )       | 0 3     | 3 0   | 0 | 88    |
| 0       29       RESIDUALS RETROFITS AND<br>UPGRADES: 2017 SC<br>Sub-total       CH       5.67       2.408       700       0       2.541       0  | WAT00001 | 8 CLARK RESIDUE MGMT. FACILITIES                |          |       |            |            |           |           |       |       |            |    |             |               |           |        |         |         |       |   |       |
| VERADES-2017 SC       Sub-obtail       Image: Sub-obtail       S  | 0 24     | RESIDUALS RETROFITS AND UPGRADES CW S2 0        | 2 1,036  | 425   | 0          | 0          | 0         | 1,461     | 0     | 1,461 | 0          | 0  | ) 0         | 0             | 1,461     | 0      | )       | 0 (     | 0 0   | 0 | 1,461 |
| WATER EFFICIENCY PROGRAM       WATER EFFICIENCY PROGRAM       CV       S2       O       300         | 0 29     |   | 2 -567   | 2,408 | 700        | 0          | 0         | 2,541     | 0     | 2,541 | о          | 0  | ) 0         | 0             | 2,541     | 0      | )       | 0 (     | 0 0   | 0 | 2,541 |
| 0       10       ICI INDOOR WATER AUDIT       CW       S2       05       300       0       0       300       300       300       300       300       0       300       0 <td></td> <td>Sub-total</td> <td>469</td> <td>2,833</td> <td>700</td> <td>0</td> <td>0</td> <td>4,002</td> <td>0</td> <td>4,002</td> <td>0</td> <td>0</td> <td>) 0</td> <td>0</td> <td>4,002</td> <td>0</td> <td>)</td> <td>0</td> <td>0 0</td> <td>0</td> <td>4,002</td>  |          | Sub-total                                       | 469      | 2,833 | 700        | 0          | 0         | 4,002     | 0     | 4,002 | 0          | 0  | ) 0         | 0             | 4,002     | 0      | )       | 0       | 0 0   | 0 | 4,002 |
| 0       11       PUBLIC EDUCATION & PROMOTIONS       CW       S2       05       150       0       0       150       0       150       0 <td>WAT00002</td> <td>21 WATER EFFICIENCY PROGRAM</td> <td></td>  | WAT00002 | 21 WATER EFFICIENCY PROGRAM                     |          |       |            |            |           |           |       |       |            |    |             |               |           |        |         |         |       |   |       |
| 0       12       ANCILLARY COSTS       CW       52       05       70          | 0 10     | ICI INDOOR WATER AUDIT CW S2 0                  | 5 300    | 0     | 0          | 0          | 0         | 300       | 0     | 300   | о          | 0  | ) 300       | 0             | 0         | 0      | )       | 0 0     | 0 0   | 0 | 300   |
| 0       82       WEP - FUTURE -ICI       CW       S6       0       0       0       3,605       0       0       3,605       0       0       0       0       0       3,605       0  | 0 11     | PUBLIC EDUCATION & PROMOTIONS CW S2 (           | 5 150    | 0     | 0          | 0          | 0         | 150       | 0     | 150   | 0          | 0  | ) 150       | 0             | 0         | 0      | )       | 0 (     | 0 0   | 0 | 150   |
| 0       91       ICI INDOOR WATER AUDIT- 2017 SC       CW       S3       05       0       300       300       0       0       600       0       600         | 0 12     | ANCILLARY COSTS CW S2 (                         | 5 70     | 0     | 0          | 0          | 0         | 70        | 0     | 70    | o          | 0  | ) 70        | 0             | 0         | 0      | )       | 0 0     | 0 0   | 0 | 70    |
| 0       92       PUBLIC EDUCATION & PROMOTIONS-       CW       S3       0       150       150       0       0       300       0       0       300       0       0       300         | 0 82     | WEP - FUTURE -ICI CW S6 (                       | 5 0      | 0     | 0          | 485        | 520       | 1,005     | 2,600 | 3,605 | 0          | 0  | 3,605       | 0             | 0         | 0      | )       | 0 (     | 0 0   | 0 | 3,605 |
| 2017 SC       0       93       ANCILLARY COSTS- 2017 SC       CW S3 05       0       70       70       35       0       175       0       0       175       0 <td< td=""><td>0 91</td><td>ICI INDOOR WATER AUDIT- 2017 SC CW S3 (</td><td>5 0</td><td>300</td><td>300</td><td>0</td><td>0</td><td>600</td><td>0</td><td>600</td><td>0</td><td>0</td><td>600</td><td>0</td><td>0</td><td>0</td><td>)</td><td>0 (</td><td>0 0</td><td>0</td><td>600</td></td<>  | 0 91     | ICI INDOOR WATER AUDIT- 2017 SC CW S3 (         | 5 0      | 300   | 300        | 0          | 0         | 600       | 0     | 600   | 0          | 0  | 600         | 0             | 0         | 0      | )       | 0 (     | 0 0   | 0 | 600   |
| Sub-total       Image: Constraint of the state of the st        | 0 92     |   | 5 0      | 150   | 150        | 0          | 0         | 300       | 0     | 300   | о          | 0  | ) 300       | 0             | 0         | 0      | )       | 0 (     | 0 0   | 0 | 300   |
| WAT000363 ENGINEERING STUDIES   | 0 93     | ANCILLARY COSTS- 2017 SC CW S3 (                | 5 0      | 70    | 70         | 35         | 0         | 175       | 0     | 175   | o          | 0  | ) 175       | 0             | 0         | 0      | )       | 0 (     | 0 0   | 0 | 175   |
|   |          | Sub-total                                       | 520      | 520   | 520        | 520        | 520       | 2,600     | 2,600 | 5,200 | 0          | 0  | 5,200       | 0             | 0         | 0      | )       | 0       | 0 0   | 0 | 5,200 |
| 0 2 IMPROVED TREATMENT STUDIES CW S2 04 296 0 0 0 0 296 0 296 0 296 0 0 0 0 0 207 0 0 89 0 0 296  | WAT00036 | 3 ENGINEERING STUDIES                           |          |       |            |            |           |           |       |       |            |    |             |               |           |        |         |         |       |   |       |
|   | 0 2      | IMPROVED TREATMENT STUDIES CW S2 0              | 4 296    | 0     | 0          | 0          | 0         | 296       | 0     | 296   | 0          | 0  | ) 0         | 0             | 207       | 0      | )       | 0 89    | 90    | 0 | 296   |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| L                |              | · • •   |      |       |   |       |       |       |       |       |                    |                    |                    | -   |                    |                        |          |                  |                            |         |        |   |                            |                    |  |
|------------------|--------------|---|------|-------|---|-------|-------|-------|-------|-------|--------------------|--------------------|--------------------|---|--------------------|------------------------|----------|------------------|----------------------------|---------|--------|---|----------------------------|--------------------|--|
|                  |              |   |      |       | Current and Future Year Cash Flow Commitments |       |       |       |       |       |                    |                    |                    | Current and Future Year Cash Flow Commitments Financed By |                    |                        |          |                  |                            |         |        |   |                            |                    |  |
| <u>Su</u><br>Pri |              | <u>pject No. Project Name</u><br>bProj No. Sub-project Name | Nard | Stat. | Cat.  | 2017  | 2018  | 2019  | 2020  | 2021  | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies                     | Federal<br>Subsidy | Development<br>Charges | Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2 |   | Debt -<br>Recoverable<br>t | Total<br>Financing |  |
| WA               | г<br>Г000363 | ENGINEERING STUDIES   |      |       |   |       |       |       |       |       |                    |                    |                    |   |                    |                        |          |                  |                            |         |        |   |                            |                    |  |
| 0                | 18           | CONTROLLED SUBSTANCES ID AND<br>ABATEMENT                   | CW   | S2    | 02  | 200   | 200   | 0     | 0     | 0     | 400                | 0                  | 400                | C   | ) (                | 0 0                    | 0 0      | 400              | 0                          | )       | 0 (    | ) | 0 0                        | 400                |  |
| 0                | 31           | ENERGY EFFICIENCY IMPLEMENTATION                            | CW   | S2    | 04  | 105   | 125   | 0     | 0     | 0     | 230                | 0                  | 230                | C   | ) (                | D 0                    | 0        | 230              | 0                          | )       | 0 (    | ) | 0 0                        | 230                |  |
| 0                | 38           | CORROSION CONTROL   | CW   | S2    | 02  | 4     | 0     | 0     | 0     | 0     | 4                  | 0                  | 4                  | C   | ) (                | o 0                    | 0 0      | 4                | 0                          | )       | 0 (    | D | 0 0                        | 4                  |  |
| 0                | 65           | SCRUBBER AND TONNER CONNECTION IMPROVEMENTS AT WTP          | CW   | S2    | 04  | 915   | 730   | 105   | 5     | 0     | 1,755              | 0                  | 1,755              | C   | ) (                | D 0                    | 0        | 1,755            | 0                          | ) (     | 0 (    | ) | 0 0                        | 1,755              |  |
| 0                | 70           | FACILITY FORECAST/SOGR FUNDING                              | CW   | S6    | 03  | 0     | 0     | 50    | 50    | 50    | 150                | 250                | 400                | C   | ) (                | D 0                    | 0        | 400              | 0                          | )       | 0 (    | D | 0 0                        | 400                |  |
| 0                | 72           | SCRUBBER&TONNER CONNECTION<br>IMPRO - WTP-2017 SC           | CW   | S3    | 04  | -915  | -730  | -105  | -5    | 0     | -1,755             | 0                  | -1,755             | C   | ) (                | D 0                    | 0        | -1,755           | 0                          | )       | 0 (    | D | 0 0                        | -1,755             |  |
| 0                | 73           | CONTROLLED SUBSTANCES ID AND<br>ABATEMENT- 2017 SC          | CW   | S3    | 02  | -100  | -100  | 100   | 0     | 0     | -100               | 0                  | -100               | с   | ) (                | 0 0                    | 0        | -100             | 0                          | )       | 0 (    | ) | 0 0                        | -100               |  |
| 0                | 74           | ENERGY EFFICIENCY IMPLEMENTATION-<br>2017 SC                | CW   | S3    | 04  | 25    | -8    | 0     | 0     | 0     | 17                 | 0                  | 17                 | С   | ) (                | 0 0                    | 0        | 17               | 0                          | )       | 0 (    | ) | 0 0                        | 17                 |  |
| 0                | 75           | IMPROVED TREATMENT STUDIES- 2017<br>SC                      | CW   | S3    | 04  | -136  | 152   | 0     | 0     | 0     | 16                 | 0                  | 16                 | С   | ) (                | 0 0                    | 0        | 11               | 0                          | )       | 0 :    | 5 | 0 0                        | 16                 |  |
|                  |              | Sub-total   |      |       |   | 394   | 369   | 150   | 50    | 50    | 1,013              | 250                | 1,263              | 0   |                    | 0 C                    | 0        | 1,169            | 0                          | )       | 0 9    | 4 | 0 0                        | 1,263              |  |
| WA               | Г906334      | BUSINESS SYSTEM INFRASTRUCTURE -                            | PW   |       |   |       |       |       |       |       |                    |                    |                    |   |                    |                        |          |                  |                            |         |        |   |                            |                    |  |
| 0                | 9            | TRUNK RADIO - SITE UPGRADE                                  | CW   | S2    | 04  | 400   | 0     | 0     | 0     | 0     | 400                | 0                  | 400                | C   | ) (                | D 0                    | 0        | 400              | 0                          | )       | 0 (    | ) | 0 0                        | 400                |  |
| 0                | 12           | PCS LEGACY ALARM IMPROVEMENT                                | CW   | S2    | 04  | 200   | 0     | 0     | 0     | 0     | 200                | 0                  | 200                | C   | ) (                | o 0                    | 0        | 200              | 0                          | )       | 0 (    | 0 | 0 0                        | 200                |  |
| 0                | 23           | RELIABILITY IMPROVEMENT PROGRAM                             | CW   | S2    | 04  | 795   | 400   | 0     | 0     | 0     | 1,195              | 0                  | 1,195              | С   | ) (                | o 0                    | 0 0      | 1,195            | 0                          | )       | 0 (    | ) | 0 0                        | 1,195              |  |
| 0                | 41           | SCADA UPGRADES FOR WWT                                      | CW   | S2    | 04  | 5,206 | 5,760 | 7,160 | 4,200 | 50    | 22,376             | 110                | 22,486             | С   | ) (                | D 0                    | 0 0      | 22,486           | 0                          | ) (     | 0 (    | ) | 0 0                        | 22,486             |  |
| 0                | 42           | PCS UPGRADES FOR WATER SUPPLY                               | CW   | S2    | 04  | 492   | 0     | 0     | 0     | 0     | 492                | 0                  | 492                | C   | ) (                | D 0                    | 0        | 492              | 0                          | )       | 0 (    | D | 0 0                        | 492                |  |
| 0                | 43           | BUSINESS & TECHNICAL<br>IMPROVEMENTS - 10 YEAR PLAN         | CW   | S6    | 04  | 0     | 257   | 407   | 407   | 1,711 | 2,782              | 6,665              | 9,447              | С   | ) (                | 0 0                    | 0        | 9,447            | 0                          | )       | 0 (    | ) | 0 0                        | 9,447              |  |
| 0                | 61           | RELIABILITY IMPROVEMENT PROGRAM -<br>FUTURE YEARS           | CW   | S6    | 04  | 0     | 0     | 0     | 0     | 200   | 200                | 1,000              | 1,200              | C   | ) (                | 0 0                    | 0 0      | 1,200            | 0                          | ) (     | 0 (    | ) | 0 0                        | 1,200              |  |
| 0                | 67           | SCADA UPGRADES FOR WWT - II                                 | CW   | S2    | 04  | 2,053 | 600   | 450   | 400   | 0     | 3,503              | 0                  | 3,503              | С   | ) (                | 0 0                    | 0 0      | 3,503            | 0                          | ) (     | 0 (    | ) | 0 0                        | 3,503              |  |
| 0                | 83           | NETWORK IMPROVEMENTS - 10 YEAR                              | CW   | S6    | 04  | 0     | 1,650 | 1,230 | 1,230 | 2,410 | 6,520              | 4,920              | 11,440             | С   | ) (                | 0 0                    | 0 0      | 11,440           | 0                          | )       | 0 (    | ) | 0 0                        | 11,440             |  |
| 0                | 85           | NETWORK IMPROVEMENTS  | CW   | S2    | 04  | 2,246 | 340   | 0     | 0     | 0     | 2,586              | 0                  | 2,586              | С   | ) (                | D 0                    | 0 0      | 2,586            | 0                          | ) (     | 0 (    | ) | 0 0                        | 2,586              |  |
| 0                | 86           | BLANKET CONTRACT MGMT TOOL                                  | CW   | S4    | 04  | 50    | 150   | 0     | 0     | 0     | 200                | 0                  | 200                | C   | ) (                | 0 0                    | 0        | 200              | 0                          | )       | 0 (    | ) | 0 0                        | 200                |  |
| 0                | 87           | PCS UPGRADES 2017   |      | S4    |   | 210   | 210   | 210   | 0     | 0     | 630                | 0                  | 630                | C   | ) (                | 0 0                    | 0        | 630              | 0                          | )       | 0 (    | 0 | 0 0                        | 630                |  |
| 0                | 88           | TRUNK RADIO - EQUIPMENT                                     | CW   | S4    | 03  | 500   | 1,400 | 0     | 0     | 0     | 1,900              | 0                  | 1,900              | C   | ) (                | 0 0                    | 0        | 1,900            | 0                          | )       | 0 (    | 0 | 0 0                        | 1,900              |  |
|                  |              |   |      |       |   |       |       |       |       |       |                    |                    |                    |   |                    |                        |          |                  |                            |         |        |   |                            |                    |  |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| -   |        | •   |            |       |      |        |        |        |       |        |                    |                    |                    |                                       |                      |                        |          |                  |                            |         |        |   |            |                     |
|---|--------|---|------------|-------|------|--------|--------|--------|-------|--------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|----------|------------------|----------------------------|---------|--------|---|------------|---------------------|
| Current and Future Year Cash Flow Commitments |        |   |            |       |      |        |        |        |       |        | nents              | Capital Debt -     |                    |                                       |                      |                        |          |                  |                            |         |        |   |            |                     |
| <u>Sut</u><br>Pric                            |        | <u>ject No.</u> <u>Project Name</u><br>pProj No. Sub-project Name | Ward       | Stat. | Cat. | 2017   | 2018   | 2019   | 2020  | 2021   | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2 |   | Recoverabl | e Total<br>Financin |
|   |        | BUSINESS SYSTEM INFRASTRUCTURE                                    |            |       |      |        |        |        |       |        |                    |                    |                    |                                       |                      |                        |          |                  |                            |         |        |   |            | 1                   |
| 0   | 90     | NETWORK EQUIPMENT LIFE CYCLE<br>REPLACEMENT- 2017 SC              | CW         | S3    | 03   | 10     | 0      | 0      | 0     | 0      | 10                 | 0                  | 10                 | 0                                     | 0 0                  | 0                      | 0        | 10               | 0                          | ) (     | 0 (    | 0 | 0          | 0 1                 |
| 0   | 91     | PCS LEGACY ALARM IMPROVEMENT -<br>2017 SC                         | CW         | S3    | 04   | 166    | 65     | 65     | 0     | 0      | 296                | 0                  | 296                | 0                                     | 0 0                  | 0                      | 0        | 296              | 0                          | ) (     | 0 (    | 0 | 0          | 0 29                |
| 0   | 92     | RELIABILITY IMPROVEMENT PROGRAM-<br>2017 SC                       | - CW       | S3    | 04   | -585   | -50    | 200    | 200   | 0      | -235               | 0                  | -235               | 0                                     | 0 0                  | 0                      | 0        | -235             | 0                          | ) (     | 0 (    | 0 | 0          | 0 -23               |
| 0   | 93     | SCADA UPGRADES FOR WWT- 2017 SC                                   | CW         | S3    | 04   | -2,651 | 546    | 1,765  | 890   | 150    | 700                | -50                | 650                | 0                                     | 0 0                  | 0                      | 0        | 650              | 0                          | ) (     | 0 0    | 0 | 0          | 0 65                |
| 0   | 94     | SCADA UPGRADES FOR WWT - II - 2017<br>SC                          | CW         | S3    | 04   | -718   | 570    | 260    | 184   | 0      | 296                | 0                  | 296                | 0                                     | 0                    | 0                      | 0        | 296              | 0                          | ) (     | 0 (    | 0 | 0          | 0 29                |
| 0   | 95     | NETWORK IMPROVEMENTS- 2017 SC                                     | CW         | S3    | 04   | -1,016 | 964    | 0      | 0     | 0      | -52                | 0                  | -52                | 0                                     | 0 0                  | 0                      | 0        | -52              | 0                          | ) (     | 0 0    | 0 | 0          | 0 -5                |
| 0   | 96     | PCS UPGRADES FOR WATER SUPPLY-<br>2017 SC                         | CW         | S3    | 04   | -12    | 0      | 0      | 0     | 0      | -12                | 0                  | -12                | 0                                     | 0 0                  | 0                      | 0        | -12              | 0                          | ) (     | 0 (    | 0 | 0          | 0 -1                |
| 0   | 97     | SCADA SOFTWARE  | CW         | S4    | 04   | 220    | 220    | 220    | 220   | 220    | 1,100              | 0                  | 1,100              | 0                                     | 0 0                  | 0                      | 0        | 1,100            | 0                          | ) (     | 0 (    | 0 | 0          | 0 1,10              |
|   |        | Sub-total   |            |       |      | 7,566  | 13,082 | 11,967 | 7,731 | 4,741  | 45,087             | 12,645             | 57,732             | 0                                     | 0                    | 0                      | 0        | 57,732           | 0                          | ) (     | 0      | 0 | 0          | 0 57,73             |
| WAT   | 906340 | METERING & METER READING SYS                                      |            |       |      |        |        |        |       |        |                    |                    |                    |                                       |                      |                        |          |                  |                            |         |        |   |            |                     |
| 0   | 2      | AUTOMATED METER READING SYSTEM                                    | CW         | S2    | 04   | 8,314  | 2,000  | 915    | 545   | 0      | 11,774             | 0                  | 11,774             | C                                     | 0 0                  | 0                      | 0        | 11,774           | 0                          | ) (     | 0 (    | 0 | 0          | 0 11,77             |
| 0   | 18     | AUTOMATED METER READING SYSTEM<br>2017 SC                         | - CW       | S3    | 04   | -2,940 | 1,180  | -415   | -199  | 0      | -2,374             | 0                  | -2,374             | 0                                     | 0 0                  | 0                      | 0        | -2,374           | 0                          | ) (     | 0 (    | 0 | 0          | 0 -2,37             |
|   |        | Sub-total   |            |       |      | 5,374  | 3,180  | 500    | 346   | 0      | 9,400              | 0                  | 9,400              | 0                                     | 0                    | 0                      | 0        | 9,400            | 0                          | ) (     | 0      | 0 | 0          | 0 9,40              |
| WAT   | 906467 | AVENUE ROAD TRUNKMAIN REPLACEM                                    | <u>ENT</u> |       |      |        |        |        |       |        |                    |                    |                    |                                       |                      |                        |          |                  |                            |         |        |   |            | +                   |
| 0   | 6      | JOS-AVENUE RD WM ENG-HI<br>LEVEL-LAWRENCE                         | CW         | S2    | 03   | 92     | 0      | 0      | 0     | 0      | 92                 | 0                  | 92                 | 0                                     | 0 0                  | 46                     | 0        | 29               | 0                          | ) (     | 0 1    | 7 | 0          | 0 9                 |
| 0   | 29     | JOS - AVENUE WM ENG HI LEVEL TO<br>LAWRENCE- 2017 SC              | CW         | S3    | 03   | 10     | 0      | 0      | 0     | 0      | 10                 | 0                  | 10                 | 0                                     | 0 0                  | 5                      | 0        | 3                | 0                          | ) (     | 0 2    | 2 | 0          | 0 1                 |
| 0   | 30     | JOS - AVENUE WM CONS HI LEVELTO<br>LAWRENCE- 2017 SC              | CW         | S3    | 03   | 221    | 500    | 0      | 0     | 0      | 721                | 0                  | 721                | 0                                     | 0 0                  | 363                    | 0        | 224              | 0                          | ) (     | 0 134  | 4 | 0          | 0 72                |
|   |        | Sub-total   |            |       |      | 323    | 500    | 0      | 0     | 0      | 823                | 0                  | 823                | 0                                     | 0                    | 414                    | 0        | 256              | 0                          | ) (     | 0 15   | 3 | 0          | 0 82                |
| WAT   | 906468 | HORGAN TRUNK MAIN EXPANSION                                       |            |       |      |        |        |        |       |        |                    |                    |                    |                                       |                      |                        |          |                  |                            |         |        |   |            | 1                   |
| 0   | 44     | DOWNSVIEW MAIN-KEELE PS TO<br>DOWNSVIEW CONS                      | CW         | S6    | 05   | 0      | 0      | 0      | 1,000 | 10,000 | 11,000             | 12,000             | 23,000             | 0                                     | 0 0                  | 8,729                  | 0        | 14,271           | 0                          | ) (     | 0 (    | 0 | 0          | 0 23,00             |
| 0   | 52     | DOWNSVIEW MAIN (KEELE PS TO<br>DOWNSVIEW) Engineering             | CW         | S6    | 05   | 0      | 850    | 700    | 650   | 620    | 2,820              | 1,140              | 3,960              | 0                                     | 0 0                  | 1,505                  | 0        | 2,455            | 0                          | ) (     | 0 (    | 0 | 0          | 0 3,96              |
|   |        | Sub-total   |            |       |      | 0      | 850    | 700    | 1,650 | 10,620 | 13,820             | 13,140             | 26,960             | 0                                     | 0                    | 10,234                 | 0        | 16,726           | 0                          | ) (     | 0      | 0 | 0          | 0 26,96             |
| WAT   | 906470 | ISLAND W.T.P. R&R   |            |       |      |        |        |        |       |        |                    |                    |                    |                                       |                      |                        |          |                  |                            |         |        |   |            | +                   |
| 0   | 8      | CHEMICAL & RESIDUALS MANAGMENT<br>ENGINEERING                     | CW         | S2    | 02   | 723    | 340    | 400    | 400   | 80     | 1,943              | 20                 | 1,963              | 0                                     | 0 0                  | 0                      | 0        | 1,963            | 0                          | ) (     | 0 (    | 0 | 0          | 0 1,96              |
| 0   | 11     | CHEMICAL & RESIDUALS MANAGEMENT<br>CONST                          | . CM       | S2    | 02   | 2,000  | 7,400  | 2,500  | 3,500 | 1,500  | 16,900             | 0                  | 16,900             | 0                                     | 0 0                  | 1,028                  | 0        | 15,872           | 0                          | ) (     | 0 0    | 0 | 0          | 0 16,90             |
|   |        | CONST   |            |       |      |        |        |        |       | l      |                    | I                  | I                  |                                       |                      |                        |          |                  |                            |         |        |   |            | I                   |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |   |      |       |      | Curre  | ent and Fu | ture Year | Cash Flo | w Commitn | nents              |                    |                    | Cur                                   | rent and Fur         | ture Year              | Cash Flov | w Comm  | itments                    | Financed | Ву     |                       |   |                    |
|--------------------|--------|---|------|-------|------|--------|------------|-----------|----------|-----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|-----------|---------|----------------------------|----------|--------|-----------------------|---|--------------------|
| <u>Sub</u><br>Pric |        | <u>ject No. Project Name</u><br>Proj No. Sub-project Name V | Ward | Stat. | Cat. | 2017   | 2018       | 2019      | 2020     | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reserves  | Reserve | Capital<br>from<br>Current | Other 1  | Other2 | Deb<br>Recove<br>Debt |   | Total<br>Financing |
|                    | 906470 |   |      |       |      |        |            |           |          |           |                    |                    |                    | Cabbilaice                            |                      |                        |           |         |                            |          |        |                       |   |                    |
| 0                  | 30     | CHEMICAL & RESIDUALS MANAGMENT<br>ENGINEERING-2017 SC       | CW   | S3    | 02   | -143   | 1,160      | 600       | 250      | 770       | 2,637              | 280                | 2,917              | 0                                     | 0                    | 0                      | 0         | 2,917   | 0                          |          | ) 0    | 0                     | 0 | 2,917              |
| 0                  | 31     | CHEMICAL & RESIDUALS MANAGMENT<br>CONST-2017 SC             | CW   | S3    | 02   | 9,000  | -6,223     | 1,500     | 10,500   | 12,500    | 27,277             | 6,000              | 33,277             | 0                                     | 0                    | 2,023                  | 0         | 31,254  | 0                          | (        | ) 0    | 0                     | 0 | 33,277             |
|                    |        | Sub-total   |      |       |      | 11,580 | 2,677      | 5,000     | 14,650   | 14,850    | 48,757             | 6,300              | 55,057             | 0                                     | 0                    | 3,051                  | 0         | 52,006  | 0                          | (        | 0 0    | 0                     | 0 | 55,057             |
| <u>WAT</u>         | 906481 | DISTRICT WATERMAINS - NEW                                   |      |       |      |        |            |           |          |           |                    |                    |                    |                                       |                      |                        |           |         |                            |          |        |                       |   |                    |
| 0                  | 1      | NEW WM  | CW   | S2    | 05   | 515    | 0          | 0         | 0        | 0         | 515                | 0                  | 515                | 0                                     | 0                    | 515                    | 0         | 0       | 0                          | (        | ) 0    | 0                     | 0 | 515                |
| 0                  | 3      | NEW WM - 10 YEAR  | CW   | S6    | 05   | 0      | 0          | 500       | 500      | 500       | 1,500              | 2,500              | 4,000              | 0                                     | 0                    | 4,000                  | 0         | 0       | 0                          | (        | ) 0    | 0                     | 0 | 4,000              |
| 0                  | 15     | NEW WM - 2017 SC  | CW   | S3    | 05   | -500   | 500        | 0         | 0        | 0         | 0                  | 0                  | 0                  | 0                                     | 0                    | 0                      | 0         | 0       | 0                          |          | 0 0    | 0                     | 0 | 0                  |
|                    |        | Sub-total   |      |       |      | 15     | 500        | 500       | 500      | 500       | 2,015              | 2,500              | 4,515              | 0                                     | 0                    | 4,515                  | 0         | 0       | 0                          | (        | ) 0    | 0                     | 0 | 4,515              |
| <u>WAT</u>         | 906483 | PW ENGINEERING  |      |       |      |        |            |           |          |           |                    |                    |                    |                                       |                      |                        |           |         |                            |          |        |                       |   |                    |
| 0                  | 2      | CAPITAL PROGRAMMING & FACILITY<br>ASSET PLANNING            | CW   | S2    | 03   | 3,946  | 3,200      | 585       | 0        | 0         | 7,731              | 0                  | 7,731              | 0                                     | 0                    | 0                      | 0         | 7,731   | 0                          | (        | ) 0    | 0                     | 0 | 7,731              |
| 0                  | 5      | WATERMAIN ASSET PLANNING                                    | CW   | S2    | 03   | 1,482  | 591        | 145       | 0        | 0         | 2,218              | 0                  | 2,218              | 0                                     | 0                    | 554                    | 0         | 786     | 0                          | (        | 878    | 0                     | 0 | 2,218              |
| 0                  | 7      | EASEMENT ACQUISITION  | CW   | S2    | 04   | 500    | 0          | 0         | 0        | 0         | 500                | 0                  | 500                | 0                                     | 0                    | 0                      | 0         | 500     | 0                          | (        | ) 0    | 0                     | 0 | 500                |
| 0                  | 22     | WATER LOSS REDUCTION STRATEGY                               | CW   | S2    | 03   | 621    | 1,338      | 1,000     | 1,000    | 0         | 3,959              | 0                  | 3,959              | 0                                     | 0                    | 0                      | 0         | 3,959   | 0                          | (        | ) 0    | 0                     | 0 | 3,959              |
| 0                  | 37     | ASSET MGMT SYSTEM<br>IMPLEMENTATION                         | CW   | S2    | 04   | 1,090  | 1,000      | 1,000     | 1,000    | 1,000     | 5,090              | 2,500              | 7,590              | 0                                     | 0                    | 1,898                  | 0         | 5,692   | 0                          | (        | ) 0    | 0                     | 0 | 7,590              |
| 0                  | 38     | WATERMAIN ASSET PLANNING - 10 YEAR                          | CW   | S6    | 04   | 0      | 0          | 535       | 975      | 675       | 2,185              | 2,375              | 4,560              | 0                                     | 0                    | 1,142                  | 0         | 3,418   | 0                          | (        | ) 0    | 0                     | 0 | 4,560              |
| 0                  | 52     | JOS UPDATE PHASE II   | CW   | S2    | 05   | 1,135  | 500        | 0         | 0        | 0         | 1,635              | 0                  | 1,635              | 0                                     | 0                    | 818                    | 0         | -1      | 0                          | (        | ) 818  | 0                     | 0 | 1,635              |
| 0                  | 53     | EASEMENT ACQUISITION - 10 YEAR                              | CW   | S6    | 04   | 0      | 0          | 500       | 500      | 500       | 1,500              | 2,500              | 4,000              | 0                                     | 0                    | 0                      | 0         | 4,000   | 0                          | (        | ) 0    | 0                     | 0 | 4,000              |
| 0                  | 64     | WATERMAIN ASSET PLANNING-2017 SC                            | CW   | S3    | 03   | -737   | 1,519      | 1,310     | 1,050    | 1,055     | 4,197              | 2,000              | 6,197              | 0                                     | 0                    | 1,551                  | 0         | 2,193   | 0                          | (        | 2,453  | 0                     | 0 | 6,197              |
| 0                  | 65     | ASSET MGMT SYSTEM<br>IMPLEMENTATION-2017 SC                 | CW   | S3    | 04   | -785   | 300        | 0         | 0        | 0         | -485               | 1,000              | 515                | 0                                     | 0                    | 128                    | 0         | 387     | 0                          | (        | ) 0    | 0                     | 0 | 515                |
| 0                  | 66     | CAPITAL PROG & FACILITY ASSET<br>PLANNING- 2017 SC          | CW   | S3    | 03   | -2,074 | 457        | 2,415     | 585      | 0         | 1,383              | 0                  | 1,383              | 0                                     | 0                    | 0                      | 0         | 1,383   | 0                          | (        | ) 0    | 0                     | 0 | 1,383              |
| 0                  | 67     | EASEMENT ACQUISITION- 2017 SC                               | CW   | S3    | 04   | 0      | 500        | 0         | 0        | 0         | 500                | 0                  | 500                | 0                                     | 0                    | 0                      | 0         | 500     | 0                          | (        | ) 0    | 0                     | 0 | 500                |
| 0                  | 68     | WATER LOSS REDUCTION STRATEGY-<br>2017 SC                   | CW   | S3    | 03   | -211   | -472       | 418       | 0        | 1,000     | 735                | 0                  | 735                | 0                                     | 0                    | 0                      | 0         | 735     | 0                          | (        | ) 0    | 0                     | 0 | 735                |
| 0                  | 69     | JOS UPDATE PHASE II- 2017 SC                                | CW   | S3    | 05   | -135   | 0          | 150       | 0        | 0         | 15                 | 0                  | 15                 | 0                                     | 0                    | 7                      | 0         | 1       | 0                          | (        | ) 7    | 0                     | 0 | 15                 |
|                    |        | Sub-total   |      |       |      | 4,832  | 8,933      | 8,058     | 5,110    | 4,230     | 31,163             | 10,375             | 41,538             | 0                                     | 0                    | 6,098                  | 0         | 31,284  | 0                          | (        | 4,156  | 0                     | 0 | 41,538             |
| WAT                | 906749 | DOWNTOWN W/M ENHANCEMENT                                    |      |       |      |        |            |           |          |           |                    |                    |                    |                                       |                      |                        |           |         |                            |          |        |                       |   |                    |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|           | Current and Future Year Cash Flow Commitments                       |        |       |      |        |       |       |       |       |                    |                    |                    |                                       | Cur                  | rent and F             | uture Year Ca    | ash Flow | Comm                     | nitments | Financed | Ву |                     |                    |
|-----------|---|--------|-------|------|--------|-------|-------|-------|-------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|------------------|----------|--------------------------|----------|----------|----|---------------------|--------------------|
|           | j <u>ect No.</u> <u>Project Name</u><br>Proj No. Sub-project Name N | Nard S | Stat. | Cat. | 2017   | 2018  | 2019  | 2020  | 2021  | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges | Re<br>Reserves F |          | apital<br>irom<br>urrent | Other 1  | Other2   |    | Debt -<br>coverable | Total<br>Financing |
| WAT906749 | DOWNTOWN W/M ENHANCEMENT  |        |       |      |        |       |       |       |       |                    |                    |                    |                                       |                      |                        |                  |          |                          |          |          |    |                     |                    |
| 0 1       | JOS - GERRARD ST WM - ENGINEERING                                   | CW     | S2    | 03   | 26     | 0     | 0     | 0     | 0     | 26                 | 0                  | 26                 | o                                     | 0                    | 5                      | 0                | 1        | C                        | ) (      | ) 20     | (  | ) C                 | 26                 |
| 0 4       | JOS - GERRARD ST WM -<br>CONSTRUCTION                               | CW     | S2    | 03   | 4,539  | 0     | 0     | 0     | 0     | 4,539              | 0                  | 4,539              | C                                     | 0                    | 904                    | 0                | 163      | C                        | ) (      | ) 3,472  | 0  | ) (                 | 4,539              |
| 0 45      | JOS - GERRARD ST WM - ENGINEERING-<br>2017 SC                       | CW     | S3    | 03   | -12    | 10    | 0     | 0     | 0     | -2                 | 0                  | -2                 | C                                     | 0                    | 0                      | 0                | -1       | C                        | ) (      | ) -1     | (  | ) (                 | -2                 |
| 0 46      | JOS - GERRARD ST WM -<br>CONSTRUCTION - 2017 SC                     | CW     | S3    | 03   | -4,539 | 0     | 0     | 0     | 0     | -4,539             | 0                  | -4,539             | C                                     | 0                    | -904                   | 0                | -163     | C                        | ) (      | ) -3,472 | (  | ) C                 | -4,539             |
|           | Sub-total   |        |       |      | 14     | 10    | 0     | 0     | 0     | 24                 | 0                  | 24                 | 0                                     | 0                    | 5                      | 0                | 0        | C                        | ) (      | ) 19     |    | 0 0                 | 24                 |
| WAT906752 | TRANSMISSION R&R  |        |       |      |        |       |       |       |       |                    |                    |                    |                                       |                      |                        |                  |          |                          |          |          |    |                     |                    |
| 0 49      | TRUNK WATERMAIN REHAB   | CW     | S2    | 03   | 250    | 250   | 0     | 0     | 0     | 500                | 0                  | 500                | o                                     | 0                    | 0                      | 0                | 500      | C                        | ) (      | ) 0      | (  | ) C                 | 500                |
| 0 50      | TRUNK WATERMAIN REHAB   | CW     | S6    | 03   | 0      | 0     | 0     | 0     | 250   | 250                | 1,250              | 1,500              | C                                     | 0                    | 0                      | 0                | 1,500    | C                        | ) (      | ) 0      | (  | ) (                 | 1,500              |
| 0 51      | CAST IRON TRUNK REPLC - PHASE 2                                     | CW     | S2    | 03   | 9,354  | 360   | 102   | 69    | 0     | 9,885              | 0                  | 9,885              | O                                     | 0                    | 0                      | 0                | 9,885    | C                        | ) (      | ) 0      | (  | ) (                 | 9,885              |
| 0 52      | CAST IRON TRUNK REPLC - PHASE 3 -<br>ENGINEERING                    | CW     | S2    | 03   | 2,061  | 84    | 14    | 0     | 0     | 2,159              | 0                  | 2,159              | C                                     | 0                    | 0                      | 0                | 2,159    | C                        | ) (      | 0 0      | (  | ) (                 | 2,159              |
| 0 58      | CAST IRON TRUNK REPLC - PHASE 3 -<br>CONSTRUCTION                   | CW     | S2    | 03   | 5,500  | 2,650 | 0     | 0     | 0     | 8,150              | 0                  | 8,150              | C                                     | 0                    | 0                      | 0                | 8,150    | C                        | ) (      | ) 0      | (  | ) C                 | 8,150              |
| 0 74      | CAST IRON TRUNK REPLC - PHASE 2 -<br>2017 SC                        | CW     | S3    | 03   | -724   | 1,164 | 231   | 19    | 0     | 690                | 0                  | 690                | C                                     | 0                    | 0                      | 0                | 690      | C                        | ) (      | ) 0      | (  | ) C                 | 690                |
| 0 75      | TRUNK WATERMAIN REHAB- 2017 SC                                      | CW     | S3    | 03   | 114    | 4     | 260   | 253   | 0     | 631                | 0                  | 631                | 0                                     | 0                    | 0                      | 0                | 631      | C                        | ) (      | 0 0      | (  | ) (                 | 631                |
| 0 76      | CAST IRON TRUNK REPLC - PHASE 3 -<br>ENG- 2017 SC                   | CW     | S3    | 03   | -1,011 | 835   | 144   | 6     | 0     | -26                | 0                  | -26                | C                                     | 0                    | 0                      | 0                | -26      | C                        | ) (      | ) 0      | (  | ) C                 | -26                |
| 0 77      | CAST IRON TRUNK REPLC - PHASE 3 -<br>CONS- 2017 SC                  | CW     | S3    | 03   | -2,300 | 2,100 | 200   | 0     | 0     | 0                  | 0                  | 0                  | 0                                     | 0                    | 0                      | 0                | 0        | C                        | ) (      | ) 0      | (  | ) (                 | 0                  |
|           | Sub-total   |        |       |      | 13,244 | 7,447 | 951   | 347   | 250   | 22,239             | 1,250              | 23,489             | 0                                     | 0                    | 0                      | 0                | 23,489   | C                        | ) (      | ) (      | )  | 0 0                 | 23,489             |
| WAT906900 | TRANSMISSION R&R  |        |       |      |        |       |       |       |       |                    |                    |                    |                                       |                      |                        |                  |          |                          |          |          |    |                     |                    |
| 0 1       | TRANS FACILITIES REHAB  | CW     | S2    | 03   | 750    | 750   | 0     | 0     | 0     | 1,500              | 0                  | 1,500              | o                                     | 0                    | 0                      | 0                | 1,500    | C                        | ) (      | ) 0      | (  | ) (                 | 1,500              |
| 07        | RESERVOIR REHAB - FUTURE  | CW     | S6    | 03   | 0      | 0     | 1,000 | 5,500 | 5,500 | 12,000             | 57,000             | 69,000             | C                                     | 0                    | 0                      | 0                | 69,000   | C                        | ) (      | ) 0      | (  | ) C                 | 69,000             |
| 0 26      | SCARBOROUGH PS - PUMP REPLC   | CW     | S2    | 03   | 145    | 0     | 0     | 0     | 0     | 145                | 0                  | 145                | C                                     | 0                    | 0                      | 0                | 145      | C                        | ) (      | ) 0      | (  | ) C                 | 145                |
| 0 27      | EGLINTON PS - PUMP REPLC  | CW     | S2    | 03   | 228    | 0     | 0     | 0     | 0     | 228                | 0                  | 228                | O                                     | 0                    | 0                      | 0                | 228      | C                        | ) (      | ) 0      | (  | ) C                 | 228                |
| 0 36      | ST CLAIR RESERVOIR REHAB/WATER<br>QUALITY PROTECTION                | CW     | S2    | 03   | 17,353 | 7,913 | 7     | 0     | 0     | 25,273             | 0                  | 25,273             | C                                     | 0                    | 0                      | 0                | 25,273   | C                        | ) (      | 0 0      | (  | ) (                 | 25,273             |
| 0 43      | DOWNSVIEW PS - Construction   | CW     | S6    | 05   | 0      | 1,000 | 0     | 3,000 | 5,000 | 9,000              | 5,000              | 14,000             | 0                                     | 0                    | 0                      | 0                | 14,000   | C                        | ) (      | ) 0      | (  | ) C                 | 14,000             |
| 0 44      | PUMPING STATION REHAB - Engineering                                 | CW     | S6    | 03   | 0      | 0     | 0     | 250   | 100   | 350                | 10,450             | 10,800             | 0                                     | 0                    | 0                      | 0                | 10,800   | C                        | ) (      | ) ()     | (  | ) C                 | 10,800             |

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |   |       |       |      |        |        |            |            |           |                    |                    | ī                  |                                       |                    |                        |              |                  |                            |         |          |                       |   |                    |
|--------------------|--------|---|-------|-------|------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------|------------------|----------------------------|---------|----------|-----------------------|---|--------------------|
|                    |        |   |       |       |      |        | Curre  | ent and Fu | iture Year | Cash Flov | v Commitn          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year ( | Cash Flo         | w Comm                     | itments | Financed | Ву                    |   |                    |
| <u>Sub</u><br>Prio |        | j <u>ect No.    Project Name</u><br>Proj No.   Sub-project Name | Ward  | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves     | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Deb<br>Recove<br>Debt |   | Total<br>Financing |
| WAT                | 906900 | TRANSMISSION R&R  |       |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |              |                  |                            |         |          |                       |   |                    |
| 0                  | 45     | PUMPING STATION REHAB - Construction                            | n CW  | S6    | 03   | 0      | 0      | 2,000      | 4,500      | 4,500     | 11,000             | 58,500             | 69,500             | 0                                     | C                  | 0 0                    | 0            | 69,500           | 0                          | ) (     | ) 0      | 0                     | 0 | 69,500             |
| 0                  | 48     | ROSEHILL RESERVOIR  | CW    | S2    | 03   | 11,479 | 10,500 | 4,600      | 0          | 0         | 26,579             | 0                  | 26,579             | 0                                     | C                  | 0 0                    | 0            | 26,579           | 0                          | ) (     | ) 0      | 0                     | 0 | 26,579             |
| 0                  | 49     | DOWNSVIEW PS & CONNECTOR EA                                     | CW    | S2    | 05   | 410    | 0      | 0          | 0          | 0         | 410                | 0                  | 410                | 0                                     | C                  | 0 0                    | 0            | 410              | 0                          | ) (     | ) 0      | 0                     | o | 410                |
| 0                  | 50     | PARKDALE PS REHABILITATION                                      | CW    | S2    | 03   | 3,580  | 1,757  | 21         | 0          | 0         | 5,358              | 0                  | 5,358              | 0                                     | C                  | 0 0                    | 0            | 5,358            | 0                          | ) (     | ) 0      | 0                     | 0 | 5,358              |
| 0                  | 51     | ROSEHILL PS REHAB   | CW    | S2    | 03   | 1,786  | 2,786  | 1,144      | 11         | 11        | 5,738              | 0                  | 5,738              | 0                                     | C                  | 0 0                    | 0            | 5,738            | 0                          | ) (     | ) 0      | 0                     | 0 | 5,738              |
| 0                  | 67     | PUMP REPLACEMENTS   | CW    | S2    | 03   | 900    | 900    | 100        | 0          | 0         | 1,900              | 0                  | 1,900              | 0                                     | C                  | 0 0                    | 0            | 1,900            | 0                          | ) (     | ) 0      | 0                     | 0 | 1,900              |
| 0                  | 70     | TRANS FACILITIES REHAB - 10 YEAR                                | CW    | S6    | 03   | 0      | 0      | 750        | 750        | 750       | 2,250              | 3,000              | 5,250              | 0                                     | C                  | 0 0                    | 0            | 5,250            | 0                          | ) (     | ) 0      | 0                     | 0 | 5,250              |
| 0                  | 72     | RESERVOIR REHAB - PHASE 2 - ENG                                 | CW    | S4    | 03   | 200    | 250    | 300        | 650        | 350       | 1,750              | 2,150              | 3,900              | 0                                     | C                  | 0 0                    | 0            | 3,900            | 0                          | ) (     | ) 0      | 0                     | 0 | 3,900              |
| 0                  | 74     | PS REHAB - PHASE 2 - ENG  | CW    | S4    | 03   | 500    | 400    | 600        | 1,000      | 500       | 3,000              | 2,000              | 5,000              | 0                                     | C                  | 0 0                    | 0            | 5,000            | 0                          | ) (     | ) 0      | 0                     | 0 | 5,000              |
| 0                  | 75     | ST CLAIR RESERVOIR REHAB/WATER<br>QUALITY-2017 SC               | CW    | S3    | 03   | -9,003 | -63    | 8,113      | 10         | 17        | -926               | 0                  | -926               | 0                                     | C                  | 0 0                    | 0            | -926             | 0                          | ) (     | ) 0      | 0                     | 0 | -926               |
| 0                  | 76     | ROSEHILL RESERVOIR-2017 SC                                      | CW    | S3    | 03   | -9,229 | 270    | 5,750      | 10,150     | 3,019     | 9,960              | 34                 | 9,994              | 0                                     | C                  | 0 0                    | 0            | 9,994            | 0                          | ) (     | ) 0      | 0                     | 0 | 9,994              |
| 0                  | 77     | PARKDALE PS REHABILITATION-2017 S                               | c cw  | S3    | 03   | -2,385 | 2,593  | 2,404      | 329        | 8         | 2,949              | 0                  | 2,949              | 0                                     | C                  | 0 0                    | 0            | 2,949            | 0                          | ) (     | ) 0      | 0                     | 0 | 2,949              |
| 0                  | 78     | SCARBOROUGH PS - PUMP REPLC- 201<br>SC                          | 17 CW | S3    | 03   | 5      | 0      | 0          | 0          | 0         | 5                  | 0                  | 5                  | 0                                     | C                  | 0 0                    | 0            | 5                | 0                          | ) (     | ) 0      | 0                     | 0 | 5                  |
| 0                  | 79     | EGLINTON PS - PUMP REPLC- 2017 SC                               | CW    | S3    | 03   | 25     | 0      | 0          | 0          | 0         | 25                 | 0                  | 25                 | 0                                     | C                  | 0 0                    | 0            | 25               | 0                          | ) (     | ) 0      | 0                     | 0 | 25                 |
| 0                  | 80     | DOWNSVIEW PS & CONNECTOR EA-<br>2017 SC                         | CW    | S3    | 05   | -85    | 280    | 0          | 0          | 0         | 195                | 0                  | 195                | 0                                     | C                  | 0 0                    | 0            | 195              | 0                          | ) (     | ) 0      | 0                     | 0 | 195                |
| 0                  | 81     | ROSEHILL PS REHAB- 2017 SC                                      | CW    | S3    | 03   | 33     | 0      | 20         | 13         | 14        | 80                 | 0                  | 80                 | 0                                     | C                  | 0 0                    | 0            | 80               | 0                          | ) (     | ) 0      | 0                     | 0 | 80                 |
| 0                  | 82     | DOWNSVIEW PS - Engineering                                      | CW    | S6    | 05   | 0      | 280    | 430        | 650        | 260       | 1,620              | 400                | 2,020              | 0                                     | C                  | 0                      | 0            | 2,020            | 0                          | ) (     | ) 0      | 0                     | 0 | 2,020              |
| 14/AT              |        | Sub-total   |       |       |      | 16,692 | 29,616 | 27,239     | 26,813     | 20,029    | 120,389            | 138,534            | 258,923            | 0                                     | C                  | 0 0                    | 0            | 258,923          | 0                          | ) (     | ) 0      | 0                     | 0 | 258,923            |
| VVAI               | 906902 | HARRIS W.T.P. R&R   |       |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |              |                  |                            |         |          |                       |   |                    |
| 0                  | 3      | FACILITY & PROCESS UPGRADES                                     |       | S2    |      | 500    | 0      | 0          | 0          | 0         | 500                | 0                  | 500                | 0                                     | C                  | 0                      | 0            | 500              | 0                          | ) (     | ) 0      | 0                     | 0 | 500                |
| 0                  | 21     | HVAC REHAB CONSTRUCTION   | CW    | S2    | 03   | 2,766  | 847    | 0          | 0          | 0         | 3,613              | 0                  | 3,613              | 0                                     | C                  | 0                      | 0            | 3,613            | 0                          | ) (     | ) 0      | 0                     | 0 | 3,613              |
| 0                  | 29     | HARRIS FILTERS REHABILITATION -<br>PILOT                        | CW    | S2    | 03   | 3,620  | 722    | 0          | 0          | 0         | 4,342              | 0                  | 4,342              | 0                                     | C                  | 0 0                    | 0            | 4,342            | 0                          | ) (     | ) 0      | 0                     | 0 | 4,342              |
| 0                  | 56     | REHAB OF SETTLING BASIN ROOF & SLUICE GATES                     |       | S2    |      | 9,579  | 5,384  | 23         | 0          | 0         | 14,986             |                    | 14,986             | 0                                     |                    |                        |              | 14,986           |                            |         | ) 0      | 0                     | 0 | 14,986             |
| 0                  | 70     | FILTER MEDIA UPGRADE - FUTURE                                   | CW    | S6    | 03   | 0      | 150    | 0          | 150        | 0         | 300                | 150                | 450                | 0                                     | C                  | 0 0                    | 0            | 450              | 0                          | ) (     | ) 0      | 0                     | 0 | 450                |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                      |       |   |           |        |          |        | Curr   | ent and Fu | iture Year | Cash Flov | v Commitr          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year ( | Cash Flo         | w Comm                     | nitments | Financed | Ву |                 |                    |
|----------------------|-------|---|-----------|--------|----------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------|------------------|----------------------------|----------|----------|----|-----------------|--------------------|
| <u>Sub-</u><br>Prior |       | j <u>ect No.</u> <u>Project Name</u><br>Proj No. Sub-project Name | Wai       | rd Sta | at. Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves     | Reserve<br>Funds | Capital<br>from<br>Current | Other 1  | Other2   |    | bt -<br>rerable | Total<br>Financing |
| WATS                 | 06902 | HARRIS W.T.P. R&R   |           |        |          |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |              |                  |                            |          |          |    |                 |                    |
| 0                    | 71    | FACILITY & PROCESS UPGRADES<br>FUTURE                             | 6- C      | W S    | 6 03     | 0      | 0      | 500        | 500        | 500       | 1,500              | 2,500              | 4,000              | 0                                     | C                  | 0 0                    | 0            | 4,000            | C                          | ) (      | 0 0      | 0  | 0               | 4,000              |
| 0                    | 79    | EXTERIOR SECURITY LIGHTING UPGRADES                               | C         | W S    | 2 03     | 0      | 100    | 550        | 550        | 0         | 1,200              | 0                  | 1,200              | 0                                     | C                  | 0 0                    | 0            | 1,200            | C                          | ) (      | 0 0      | 0  | 0               | 1,200              |
| 0                    | 80    | FACILITY INFRASTRUCTURE REH                                       | IAB C     | W S    | 6 03     | 0      | 0      | 1,000      | 1,000      | 0         | 2,000              | 0                  | 2,000              | 0                                     | C                  | 0 0                    | 0            | 2,000            | C                          | ) (      | 0 0      | 0  | 0               | 2,000              |
| 0                    | 81    | LIQUID CHEMICAL SYSTEM<br>IMPROVEMENTS                            | C         | W S    | 2 04     | 1,450  | 1,148  | 7          | 0          | 0         | 2,605              | 0                  | 2,605              | 0                                     | C                  | 0 0                    | 0            | 2,605            | C                          | ) (      | 0 0      | 0  | 0               | 2,605              |
| 0                    | 85    | HARRIS FILTERS REHABILITATION                                     | N C       | W S    | 6 03     | 0      | 0      | 0          | 0          | 0         | 0                  | 33,450             | 33,450             | 0                                     | C                  | 0 0                    | 0            | 33,450           | C                          | ) (      | 0 0      | 0  | 0               | 33,450             |
| 0                    | 98    | HERITAGE MASONRY AND<br>ARCHITECTURAL RESTORATION                 | C         | W S    | 2 03     | 200    | 200    | 200        | 200        | 200       | 1,000              | 0                  | 1,000              | 0                                     | C                  | 0 0                    | 0            | 1,000            | C                          | ) (      | 0 0      | 0  | 0               | 1,000              |
| 0                    | 99    | CONTROL ROOM RELOCATION   | C         | W S    | 2 04     | 593    | 0      | 0          | 0          | 0         | 593                | 0                  | 593                | 0                                     | C                  | 0 0                    | 0            | 593              | C                          | ) (      | 0 0      | 0  | 0               | 593                |
| 0                    | 100   | EMERGENCY STANDBY POWER   | C         | W S    | 2 04     | 895    | 5      | 0          | 0          | 0         | 900                | 0                  | 900                | 0                                     | C                  | 0 0                    | 0            | 900              | C                          | ) (      | 0 0      | 0  | 0               | 900                |
| 0                    | 102   | PHONE SYSTEM UPGRADE  | C         | W S    | 2 03     | 510    | 0      | 0          | 0          | 0         | 510                | 0                  | 510                | 0                                     | C                  | 0 0                    | 0            | 510              | C                          | ) (      | 0 0      | 0  | 0               | 510                |
| 0                    | 109   | REHAB OF SETTLING BASIN ROC<br>&SLUICE GATES-2017 SC              | F C       | W S    | 3 03     | -279   | 2,931  | 78         | 10         | 13        | 2,753              | 0                  | 2,753              | 0                                     | C                  | 0 0                    | 0            | 2,753            | C                          | ) (      | 0 0      | 0  | 0               | 2,753              |
| 0                    | 110   | HARRIS FILTERS REHABILITATION<br>PILOT-2017 SC                    | N- C      | W S    | 3 03     | -2,970 | 2,906  | 65         | 0          | 0         | 1                  | 0                  | 1                  | 0                                     | C                  | 0 0                    | 0            | 1                | C                          | ) (      | 0 0      | 0  | 0               | 1                  |
| 0                    | 111   | CONTROL ROOM RELOCATION-20  | 017 SC C  | W S    | 3 04     | -518   | 525    | 0          | 0          | 0         | 7                  | 0                  | 7                  | 0                                     | C                  | 0 0                    | 0            | 7                | C                          | ) (      | 0 0      | 0  | 0               | 7                  |
| 0                    | 112   | TRAVELLING SCREENS 3 & 5<br>UPGRADE-2017 SC                       | C         | W S    | 3 03     | 0      | 300    | 450        | 0          | 0         | 750                | 0                  | 750                | 0                                     | C                  | 0 0                    | 0            | 750              | C                          | ) (      | 0 0      | 0  | 0               | 750                |
| 0                    | 113   | PHONE SYSTEM UPGRADE-2017   | SC C      | W S    | 3 03     | -510   | 70     | 510        | 0          | 0         | 70                 | 0                  | 70                 | 0                                     | C                  | 0 0                    | 0            | 70               | C                          | ) (      | 0 0      | 0  | 0               | 70                 |
| 0                    | 114   | FACILITY & PROCESS UPGRADES<br>SC                                 | S- 2017 C | W S    | 3 03     | 0      | 500    | 0          | 0          | 0         | 500                | 0                  | 500                | 0                                     | C                  | 0 0                    | 0            | 500              | C                          | ) (      | 0 0      | 0  | 0               | 500                |
| 0                    | 115   | HVAC REHAB CONSTRUCTION- 2  | 017 SC C  | W S    | 3 03     | -1,205 | 3,453  | 4,281      | 0          | 0         | 6,529              | 0                  | 6,529              | 0                                     | C                  | 0 0                    | 0            | 6,529            | C                          | ) (      | 0 0      | 0  | 0               | 6,529              |
| 0                    | 116   | LIQUID CHEMICAL SYSTEM<br>IMPROVEMENTS- 2017 SC                   | C         | W S    | 3 04     | -989   | 3,249  | 137        | 7          | 0         | 2,404              | 0                  | 2,404              | 0                                     | C                  | 0 0                    | 0            | 2,404            | C                          | ) (      | 0 0      | 0  | 0               | 2,404              |
| 0                    | 117   | HERITAGE MASONRY ARCHITECT<br>RESTORATION-2017 SC                 | TURAL C   | W S    | 3 03     | 0      | 0      | 0          | 0          | 0         | 0                  | 150                | 150                | 0                                     | C                  | 0 0                    | 0            | 150              | C                          | ) (      | 0 0      | 0  | 0               | 150                |
| 0                    | 118   | EMERGENCY STANDBY POWER-  | 2017 SC C | W S    | 3 04     | -395   | 995    | 405        | 0          | 0         | 1,005              | 0                  | 1,005              | 0                                     | C                  | 0 0                    | 0            | 1,005            | C                          | ) (      | 0 0      | 0  | 0               | 1,005              |
| 0                    | 119   | ENERGY OPTIMIZATION   | C         | W S    | 6 04     | 0      | 50     | 1,150      | 1,000      | 0         | 2,200              |                    | 2,200              | 0                                     |                    | -                      | 0            | 2,200            | C                          |          |          | 0  | 0               | 2,200              |
|                      |       | Sub-total   |           |        |          | 13,247 | 23,535 | 9,356      | 3,417      | 713       | 50,268             | 36,250             | 86,518             | 0                                     | C                  | 0 0                    | 0            | 86,518           | C                          | ) (      | 0 0      | 0  | 0               | 86,518             |
| WATS                 | 06903 | FJ HORGAN W.T.P. R&R  |           |        |          |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |              |                  |                            |          |          |    |                 |                    |
| 0                    | 5     | FACILITY & PROCESS UPGRADES                                       | с с       | W S    | 2 03     | 516    | 0      | 0          | 0          | 0         | 516                | 0                  | 516                | 0                                     | C                  | 0 0                    | 0            | 516              | C                          | ) (      | 0 0      | 0  | 0               | 516                |
| 0                    | 8     | RAW WATER PUMP UGRADES  | C         | W S    | 2 03     | 469    | 0      | 0          | 0          | 0         | 469                | 0                  | 469                | 0                                     | C                  | 0 0                    | 0            | 469              | C                          | ) (      | 0 0      | 0  | 0               | 469                |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |  |           |       |      |        |        |            |            | <u> </u> | <b>0</b> 14        |                    |                    |                                       |                 |                        |               |                 |                            |           |          | _                        |             |                    |
|--------------------|--------|--|-----------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|-----------------|------------------------|---------------|-----------------|----------------------------|-----------|----------|--------------------------|-------------|--------------------|
|                    |        |  |           |       |      | ,      | Curre  | ent and Fi | iture Year | Cash Flo | v Commitr          | nents              |                    |                                       | Cur             | rent and F             | uture Year C  | ash Flo         | w Comm                     | itments I | Financed |                          | <del></del> |                    |
| <u>Sub</u><br>Prio |        | ect No. <u>Project Name</u><br>Proj No. Sub-project Name | Ward      | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal Subsidy | Development<br>Charges | R<br>Reserves | eserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2   | Debt<br>Recovera<br>Debt |             | Total<br>Financing |
|                    |        | FJ HORGAN W.T.P. R&R                                     |           |       |      |        |        |            |            |          |                    |                    |                    |                                       |                 |                        |               |                 |                            |           |          |                          | $\top$      |                    |
| 0                  | 15     | REPLACEMENT OF MCCS                                      | CW        | S2    | 03   | 2,315  | 2,400  | 250        | 152        | 10       | 5,127              | 9                  | 5,136              | 0                                     | 0               | 0                      | 0             | 5,136           | 0                          | ) (       | ) 0      | 0                        | 0           | 5,136              |
| 0                  | 28     | FACILITY & PROCESS UPGRADES -<br>FUTURE                  | CW        | S6    | 03   | 0      | 0      | 200        | 200        | 200      | 600                | 1,000              | 1,600              | 0                                     | 0               | 0                      | 0             | 1,600           | 0                          | ) (       | ) 0      | 0                        | 0           | 1,600              |
| 0                  | 31     | BUILDING FIRE, HVAC, LIGHTING<br>UPGRADES                | CW        | S2    | 04   | 855    | 1,375  | 1,825      | 10         | 10       | 4,075              | 0                  | 4,075              | C                                     | 0               | 0                      | 0             | 4,075           | 0                          | ) (       | ) 0      | 0                        | 0           | 4,075              |
| 0                  | 32     | ELEC GROUNDING SYSTEM & BULK<br>CHEM UNLOADING IMPRO     | CW        | S2    | 04   | 550    | 3      | 3          | 0          | 0        | 556                | 0                  | 556                | O                                     | 0               | 0                      | 0             | 556             | 0                          | ) (       | ) 0      | 0                        | 0           | 556                |
| 0                  | 33     | OFFICE RENOVATION  | CW        | S6    | 03   | 0      | 0      | 100        | 675        | 575      | 1,350              | 479                | 1,829              | C                                     | 0               | 0                      | 0             | 1,829           | 0                          | ) (       | ) 0      | 0                        | 0           | 1,829              |
| 0                  | 34     | TREATED WATER PUMP UPGRADES                              | CW        | S2    | 04   | 1,890  | 0      | 0          | 0          | 0        | 1,890              | 0                  | 1,890              | C                                     | 0               | 0                      | 0             | 1,890           | 0                          | ) (       | ) 0      | 0                        | 0           | 1,890              |
| 0                  | 53     | FACILITY & PROCESS UPGRADES- 2017<br>SC                  | 7 CW      | S3    | 03   | 240    | 613    | 0          | 0          | 0        | 853                | 0                  | 853                | C                                     | 0               | 0                      | 0             | 853             | 0                          | ) (       | ) 0      | 0                        | 0           | 853                |
| 0                  | 54     | REPLACEMENT OF MCCS- 2017 SC                             | CW        | S3    | 03   | -57    | 36     | 0          | 75         | 0        | 54                 | 0                  | 54                 | C                                     | 0               | 0                      | 0             | 54              | 0                          | ) (       | ) 0      | 0                        | 0           | 54                 |
| 0                  | 55     | RAW WATER PUMP UGRADES- 2017 SC                          | c cw      | S3    | 03   | 52     | 0      | 0          | 0          | 0        | 52                 | 0                  | 52                 | C                                     | 0               | 0                      | 0             | 52              | 0                          | ) (       | ) 0      | 0                        | 0           | 52                 |
| 0                  | 56     | ELEC GROUNDING SYS & STANDBY<br>POWER OPTIMI- 2017 SC    | CW        | S3    | 04   | -500   | 527    | 277        | 0          | 0        | 304                | 0                  | 304                | C                                     | 0               | 0                      | 0             | 304             | 0                          | ) (       | ) 0      | 0                        | 0           | 304                |
| 0                  | 57     | TREATED WATER PUMP UPGRADES-<br>2017 SC                  | CW        | S3    | 04   | -364   | 0      | 0          | 0          | 0        | -364               | 0                  | -364               | C                                     | 0               | 0                      | 0             | -364            | 0                          | ) (       | ) 0      | 0                        | 0           | -364               |
| 0                  | 58     | BUILDING FIRE, HVAC, LIGHTING<br>UPGRADES- 2017 SC       | CW        | S3    | 04   | -597   | 720    | 125        | 0          | 0        | 248                | 0                  | 248                | C                                     | 0               | 0                      | 0             | 248             | 0                          | ) (       | ) 0      | 0                        | 0           | 248                |
|                    |        | Sub-total  |           |       |      | 5,369  | 5,674  | 2,780      | 1,112      | 795      | 15,730             | 1,488              | 17,218             | 0                                     | 0               | 0                      | 0             | 17,218          | 0                          | ) (       | ) 0      | 0                        | 0           | 17,218             |
| WAT                | 906906 | TRUNK WATERMAIN EXPANSION                                |           |       |      |        |        |            |            |          |                    |                    |                    |                                       |                 |                        |               |                 |                            |           |          |                          |             |                    |
| 0                  | 25     | JOS WM SCAR PS TO ST CLAIR AND<br>MIDLAND - ENG          | CW        | S2    | 05   | 784    | 450    | 173        | 21         | 0        | 1,428              | 0                  | 1,428              | 0                                     | 0               | 684                    | 0             | 420             | 0                          | ) (       | ) 324    | 0                        | 0           | 1,428              |
| 0                  | 66     | JOS - WM Scar PS to St. Clair&Midland (CONST)            | CW        | S4    | 05   | 2,000  | 12,000 | 12,000     | 8,000      | 0        | 34,000             | 0                  | 34,000             | C                                     | 0               | 16,289                 | 0             | 9,987           | 0                          | ) (       | ) 7,724  | 0                        | 0           | 34,000             |
| 0                  | 69     | JOS WM from Scar PS to St.Clair&Midland<br>ENG 2017SC    | d CW      | S3    | 05   | -384   | 61     | 202        | 162        | 11       | 52                 | 0                  | 52                 | C                                     | 0               | 26                     | 0             | 14              | 0                          | ) (       | ) 12     | 0                        | 0           | 52                 |
|                    |        | Sub-total  |           |       |      | 2,400  | 12,511 | 12,375     | 8,183      | 11       | 35,480             | 0                  | 35,480             | 0                                     | 0               | 16,999                 | 0             | 10,421          | 0                          | ) (       | 8,060    | 0                        | 0           | 35,480             |
| WAT                | 906914 | SWITCH GEAR TRANSFORMER                                  |           |       |      |        |        |            |            |          |                    |                    |                    |                                       |                 |                        |               |                 |                            |           |          |                          |             |                    |
| 0                  | 13     | INDOOR/OUTDOOR SWITCHGEAR<br>(PHASE 3)                   | CW        | S2    | 03   | 3,913  | 0      | 0          | 0          | 0        | 3,913              | 0                  | 3,913              | C                                     | 0               | 0                      | 0             | 3,913           | 0                          | ) (       | ) 0      | 0                        | 0           | 3,913              |
| 0                  | 29     | INDOOR/OUTDOOR SWITCHGEAR<br>(PHASE 4)                   | CW        | S6    | 03   | 0      | 500    | 1,500      | 2,200      | 5,200    | 9,400              | 10,200             | 19,600             | 0                                     | 0               | 0                      | 0             | 19,600          | 0                          | ) (       | ) 0      | 0                        | 0           | 19,600             |
| 0                  | 30     | INDOOR/OUTDOOR SWITCHGEAR<br>(PHASE 3)- 2017 SC          | CW        | S3    | 03   | -1,663 | 1,274  | 0          | 0          | 0        | -389               | 0                  | -389               | o                                     | 0               | 0                      | 0             | -389            | 0                          | ) (       | ) 0      | 0                        | 0           | -389               |
|                    |        | Sub-total  |           |       |      | 2,250  | 1,774  | 1,500      | 2,200      | 5,200    | 12,924             | 10,200             | 23,124             | 0                                     | 0               | 0                      | 0             | 23,124          | 0                          | ) (       | ) 0      | 0                        | 0           | 23,124             |
| WAT                | 906917 | TRANSMISSION OPERATIONS OPTIMIZ                          | <u>ER</u> |       |      |        |        |            |            |          |                    |                    |                    |                                       |                 |                        |               |                 |                            |           |          |                          | $\uparrow$  |                    |
| 0                  | 8      | TRANSMISSION OPERATIONS<br>OPTIMIZER                     | CW        | S2    | 04   | 257    | 200    | 0          | 0          | 0        | 457                | 0                  | 457                | O                                     | 0               | 0                      | 0             | 219             | 0                          | ) (       | ) 238    | 0                        | 0           | 457                |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| Priority burged Name         Ward Stat. Cet         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2017         2017         2017         2017         2017         2017         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017         2018         2017  |            |        |                                   |          |       |      |         | Curr   | ont and E | uturo Voar | Cash Elos  | v Commite | nonte     |           | Í | C         | ront and E  | uturo Voor | Cach Ela | w Commi | itmonto   | Finanaad | By   |   |                   |        |
|---|------------|--------|-----------------------------------|----------|-------|------|---------|--------|-----------|------------|------------|-----------|-----------|-----------|---|-----------|-------------|------------|----------|---------|-----------|----------|------|---|-------------------|--------|
| BLC         Processing         Processing         Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing         Processing Processing Processing Processing Processing         Processing   |            |        |                                   |          |       |      |         | Curre  |           |            | Casil Flor | Commu     |           |           |   | Cur       | rent and F  | uture rear | Cash Fio |         | linents i | Indiceu  | -    |   |                   |        |
| Matter         Table in a strategy of presentations of presentation presentations of presenta          | <u>Sub</u> | - Pro  | pject No. Project Name            |          |       |      |         |        |           |            |            | Total     | Total     | Total     |   | Federal r | Development | I          | Reserve  |         |           |          |      |   | le <sub>T</sub> , | otal   |
| Image: Sector  |            | -      |                                   |          | Stat. | Cat. | 2017    | 2018   | 2019      | 2020       | 2021       | 2017-2021 | 2022-2026 | 2017-2026 |   | Subsidy   | Charges     | Reserves   | Funds    | Current | Other 1   | Other2   | Debt |   | Fina              | ancing |
| Defininger: 2017 of CPU and CPU | WAT        | 906917 | TRANSMISSION OPERATIONS OPTIMIZE  | <u>R</u> |       |      |         |        |           |            |            |           |           |           |   |           |             |            |          |         |           |          |      |   |                   |        |
| NATTERUIST MANABILITY PROCEAM         No. 52         0.4         1.2         NATER SUSTAMABILITY PROCEAM         No. 52         0.4         1.2         NATER SUSTAMABILITY PROCEAM         No. 52         0.4         1.2         0         1.2         STANDAY POWER - ROGENILL         0.0         5.227         0         0         1           0         10         VATER SUSTAMABILITY FROCESM         00         5.22         0         0         1.255         0         0.82         0         1.465         0         0.82         0         0.82         0         0.82         0         0.82         0         0.82         0         0.82         0         0.82         0         0.82         0         0.82         0         0         0.82         0         0         0.82         0 <td>0</td> <td>12</td> <td></td> <td>CW</td> <td>S3</td> <td>04</td> <td>-7</td> <td>20</td> <td>0</td> <td>0</td> <td>0</td> <td>13</td> <td>0</td> <td>13</td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>-63</td> <td>0</td> <td>C</td> <td>) 76</td> <td>(</td> <td>)</td> <td>0</td> <td>13</td>   | 0          | 12     |                                   | CW       | S3    | 04   | -7      | 20     | 0         | 0          | 0          | 13        | 0         | 13        | C | 0         | 0           | 0          | -63      | 0       | C         | ) 76     | (    | ) | 0                 | 13     |
| N         INVERE SUSTAINABILITY PROGRAM         CV         S2         CV         S3         CV         S3         CV         S3         CV         S3         <   |            |        | Sub-total                         |          |       |      | 250     | 220    | 0         | 0          | 0          | 470       | 0         | 470       | 0 | 0         | 0           | 0          | 156      | 0       | C         | ) 314    |      | 0 | 0                 | 470    |
| 1       2       STANDARY POWER: ROGENUL       0.0       2       0       0.0   | WAT        | 906918 | WATER SUSTAINABILITY PROGRAM      |          |       |      |         |        |           |            |            |           |           |           |   |           |             |            |          |         |           |          |      |   | 1                 |        |
| 9         | 0          | 1      | WATER SUSTAINABILITY PROGRAM      | CW       | S2    | 04   | 17,341  | 20     | 2         | 0          | 0          | 17,363    | 0         | 17,363    | C | 0         | 1,055       | 0          | 11,081   | 0       | C         | ) 5,227  | (    | ) | 0 1               | 7,363  |
| POWER ELLESIMETOR         POWER ELLESIMETOR         CV         S         A         A         A         A         A         A         A         B         A         D <thd< th="">         D         <thd< th="">         &lt;</thd<></thd<>   | 0          | 12     | STANDBY POWER - ROSEHILL          | CW       | S2    | 04   | 3,344   | 4,344  | 5,167     | 1,815      | 15         | 14,685    | 0         | 14,685    | C | 0         | 882         | 0          | 9,397    | 0       | C         | ) 4,406  | (    | ) | 0 1               | 4,685  |
| Sub-total         Sub-tobal         Sub-tobal         Sub-tobal <t< td=""><td>0</td><td>19</td><td></td><td>CW</td><td>S3</td><td>04</td><td>-12,041</td><td>5,187</td><td>5,269</td><td>10</td><td>0</td><td>-1,575</td><td>0</td><td>-1,575</td><td>o</td><td>0</td><td>-95</td><td>0</td><td>-1,005</td><td>0</td><td>C</td><td>) -475</td><td>(</td><td>C</td><td>0 -</td><td>-1,575</td></t<>  | 0          | 19     |                                   | CW       | S3    | 04   | -12,041 | 5,187  | 5,269     | 10         | 0          | -1,575    | 0         | -1,575    | o | 0         | -95         | 0          | -1,005   | 0       | C         | ) -475   | (    | C | 0 -               | -1,575 |
| Normal Solution         Normal Sol  | 0          | 20     | STANDBY POWER - ROSEHILL- 2017 SC | CW       | S3    | 04   | 49      | 0      | -67       | -12        | -2         | -32       | 14        | -18       | C | 0         | -1          | 0          | -11      | 0       | C         | ) -6     | (    | C | 0                 | -18    |
| I         ACLITY 4 PROCESS LUGRADES         CW         S2         03         150         150         <  |            |        | Sub-total                         |          |       |      | 8,693   | 9,551  | 10,371    | 1,813      | 13         | 30,441    | 14        | 30,455    | 0 | 0         | 1,841       | 0          | 19,462   | 0       | C         | 9,152    |      | 0 | 0 3               | 0,455  |
| 0         8         PROCESS E OUIPMENT UPGRADE         OW         52         0.3         1.24         480         1.392         60         3.196         0         3.196         0         3.196         0         9.195         0.3001         0 <td>WAT</td> <td>906919</td> <td>RL CLARK W.T.P. R&amp;R</td> <td></td>   | WAT        | 906919 | RL CLARK W.T.P. R&R               |          |       |      |         |        |           |            |            |           |           |           |   |           |             |            |          |         |           |          |      |   |                   |        |
| ENSIMEERING   | 0          | 1      | FACILITY & PROCESS UPGRADES       | CW       | S2    | 03   | 150     | 150    | 0         | 0          | 0          | 300       | 0         | 300       | C | 0         | 0           | 0          | 300      | 0       | C         | ) 0      | (    | C | 0                 | 300    |
| FUTURE   | 0          | 8      |                                   | CW       | S2    | 03   | 1,264   | 480    | 1,392     | 60         | 0          | 3,196     | 0         | 3,196     | C | 0         | 195         | 0          | 3,001    | 0       | C         | ) 0      | (    | C | 0                 | 3,196  |
| CONSTRUCTION         CONSTRUCTION         CN         S2         OB         OB<   | 0          | 12     |                                   | CW       | S6    | 03   | 0       | 0      | 200       | 200        | 200        | 600       | 1,000     | 1,600     | C | 0         | 0           | 0          | 1,600    | 0       | C         | ) 0      | (    | C | 0                 | 1,600  |
| SYSTEMS   | 0          | 15     |                                   | CW       | S2    | 03   | 15,112  | 12,215 | 82        | 0          | 0          | 27,409    | 0         | 27,409    | C | 0         | 1,667       | 0          | 25,742   | 0       | C         | ) 0      | (    | C | 0 2               | 27,409 |
| INDREERING-2017 SC       INC       INC </td <td>0</td> <td>44</td> <td></td> <td>CW</td> <td>S2</td> <td>03</td> <td>308</td> <td>5</td> <td>0</td> <td>0</td> <td>0</td> <td>313</td> <td>0</td> <td>313</td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>313</td> <td>0</td> <td>C</td> <td>) 0</td> <td>(</td> <td>C</td> <td>0</td> <td>313</td>  | 0          | 44     |                                   | CW       | S2    | 03   | 308     | 5      | 0         | 0          | 0          | 313       | 0         | 313       | C | 0         | 0           | 0          | 313      | 0       | C         | ) 0      | (    | C | 0                 | 313    |
| CONSTRUCTION-2017 SC       Construction-2017 SC <th< td=""><td>0</td><td>68</td><td></td><td>CW</td><td>S3</td><td>03</td><td>-904</td><td>130</td><td>-892</td><td>1,394</td><td>60</td><td>-212</td><td>35</td><td>-177</td><td>C</td><td>0</td><td>-12</td><td>0</td><td>-165</td><td>0</td><td>C</td><td>) 0</td><td>(</td><td>C</td><td>0</td><td>-177</td></th<>  | 0          | 68     |                                   | CW       | S3    | 03   | -904    | 130    | -892      | 1,394      | 60         | -212      | 35        | -177      | C | 0         | -12         | 0          | -165     | 0       | C         | ) 0      | (    | C | 0                 | -177   |
| SC       SC <th< td=""><td>0</td><td>69</td><td></td><td>CW</td><td>S3</td><td>03</td><td>-5,300</td><td>-500</td><td>9,950</td><td>3,000</td><td>0</td><td>7,150</td><td>0</td><td>7,150</td><td>C</td><td>0</td><td>434</td><td>0</td><td>6,716</td><td>0</td><td>C</td><td>) 0</td><td>(</td><td>C</td><td>0</td><td>7,150</td></th<>  | 0          | 69     |                                   | CW       | S3    | 03   | -5,300  | -500   | 9,950     | 3,000      | 0          | 7,150     | 0         | 7,150     | C | 0         | 434         | 0          | 6,716    | 0       | C         | ) 0      | (    | C | 0                 | 7,150  |
| SYSTEMS- 2017 SC       Sub-total       I </td <td>0</td> <td>70</td> <td></td> <td>CW</td> <td>S3</td> <td>03</td> <td>50</td> <td>50</td> <td>0</td> <td>0</td> <td>0</td> <td>100</td> <td>0</td> <td>100</td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>100</td> <td>0</td> <td>C</td> <td>) 0</td> <td>(</td> <td>C</td> <td>0</td> <td>100</td>  | 0          | 70     |                                   | CW       | S3    | 03   | 50      | 50     | 0         | 0          | 0          | 100       | 0         | 100       | C | 0         | 0           | 0          | 100      | 0       | C         | ) 0      | (    | C | 0                 | 100    |
| WATE       DIST       WM REPLACEMENT       CW       S6       O       O       O       S5       S5 </td <td>0</td> <td>71</td> <td></td> <td>CW</td> <td>S3</td> <td>03</td> <td>66</td> <td>227</td> <td>20</td> <td>0</td> <td>0</td> <td>313</td> <td>0</td> <td>313</td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>313</td> <td>0</td> <td>C</td> <td>) 0</td> <td>(</td> <td>C</td> <td>0</td> <td>313</td>  | 0          | 71     |                                   | CW       | S3    | 03   | 66      | 227    | 20        | 0          | 0          | 313       | 0         | 313       | C | 0         | 0           | 0          | 313      | 0       | C         | ) 0      | (    | C | 0                 | 313    |
| 0       4       10 YEAR WATERMAIN REPLACEMENT       CW       S6       03       0       65,250       95,000       95,000       255,250       475,000       730,250       0       0       113,588       0       616,662       0       0       0       0       730,250       0       0       0       13,588       0       616,662       0  |            |        | Sub-total                         |          |       |      | 10,746  | 12,757 | 10,752    | 4,654      | 260        | 39,169    | 1,035     | 40,204    | 0 | 0         | 2,284       | 0          | 37,920   | 0       | (         | ) 0      |      | 0 | 0 4               | 0,204  |
| 0       14       2010 WM REPLC       CW S2 03       5       0       0       0       0       5       0   | WAT        | 906930 | DIST W/M REPLACEMENT              |          |       |      |         |        |           |            |            |           |           |           |   |           |             |            |          |         |           |          |      |   | +                 |        |
| 0       21       2011 WM REPLC       CW       S2       0.3       4       0       0       0       4       0  | 0          | 4      | 10 YEAR WATERMAIN REPLACEMENT     | CW       | S6    | 03   | 0       | 0      | 65,250    | 95,000     | 95,000     | 255,250   | 475,000   | 730,250   | C | 0         | 113,588     | 0          | 616,662  | 0       | C         | ) 0      | (    | C | 0 73              | 80,250 |
| 0 29 DIST W/M REPLC - 2012 CW S2 03 113 0 0 0 0 113 0 113 0 0 0 0 113 0 0 0 0   | 0          | 14     | 2010 WM REPLC                     | CW       | S2    | 03   | 5       | 0      | 0         | 0          | 0          | 5         | 0         | 5         | C | 0         | 0           | 0          | 5        | 0       | (         | ) 0      | (    | C | 0                 | 5      |
|   | 0          | 21     | 2011 WM REPLC                     | CW       | S2    | 03   | 4       | 0      | 0         | 0          | 0          | 4         | 0         | 4         | o | 0         | 0           | 0          | 4        | 0       | C         | ) 0      | (    | C | 0                 | 4      |
| 0 39 2013 WM REPLC - SOGR CW S2 03 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  | 0          | 29     | DIST W/M REPLC - 2012             | CW       | S2    | 03   | 113     | 0      | 0         | 0          | 0          | 113       | 0         | 113       | O | 0         | 0           | 0          | 113      | 0       | (         | ) 0      | (    | C | 0                 | 113    |
|   | 0          | 39     | 2013 WM REPLC - SOGR              | CW       | S2    | 03   | 1       | 0      | 0         | 0          | 0          | 1         | 0         | 1         | C | 0         | 0           | 0          | 1        | 0       | C         | ) 0      | (    | C | 0                 | 1      |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |  |      |       | 1    |        | Curre  | ent and Fu | uture Year | Cash Flov | w Commitn          | nents              |                    |                                       | Cur                | rent and F             | uture Year ( | Cash Flo         | w Comm                     | nitments | inanced | Ву                    |        |                    |
|--------------------|--------|--|------|-------|------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------|------------------|----------------------------|----------|---------|-----------------------|--------|--------------------|
| <u>Sub</u><br>Prio |        | <u>ect No. Project Name</u><br>Proj No. Sub-project Name | Ward | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves     | Reserve<br>Funds | Capital<br>from<br>Current | Other 1  | Other2  | Deb<br>Recove<br>Debt | erable | Total<br>Financing |
| WATS               | 906930 | DIST W/M REPLACEMENT                                     |      |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |              |                  |                            |          |         |                       |        |                    |
| 0                  | 42     | 10 YEAR WATERMAIN UPGRADES                               | CW   | S6    | 05   | 0      | 0      | 11,600     | 15,300     | 17,100    | 44,000             | 89,300             | 133,300            | C                                     | 0                  | 41,469                 | 0            | 91,831           | C                          | ) (      | 0 0     | 0                     | 0      | 133,300            |
| 0                  | 51     | DIST W/M REPLACEMENT - 2014                              | CW   | S2    | 03   | 402    | 0      | 0          | 0          | 0         | 402                | 0                  | 402                | O                                     | 0                  | 0                      | 0            | 402              | C                          | ) (      | 0       | 0                     | 0      | 402                |
| 0                  | 52     | WATERMAIN UPGRADES - 2014                                | CW   | S2    | 05   | 400    | 0      | 0          | 0          | 0         | 400                | 0                  | 400                | C                                     | 0                  | 0                      | 0            | 400              | C                          | ) (      | 0       | 0                     | 0      | 400                |
| 0                  |        | WATERMAIN REPLACEMENT -<br>METROLINX                     | CW   | S2    | 03   | 1,045  | 1,000  | 1,000      | 0          | 0         | 3,045              | 0                  | 3,045              | O                                     | 0                  | 0                      | 0            | 3,045            | C                          | ) (      | 0       | 0                     | 0      | 3,045              |
| 0                  | 59     | 2013 WM REPLC - UPGRADES                                 | CW   | S2    | 05   | 5      | 0      | 0          | 0          | 0         | 5                  | 0                  | 5                  | O                                     | 0                  | 2                      | 0            | 3                | C                          | ) (      | 0       | 0                     | 0      | 5                  |
| 0                  | 63     | DIST W/M REPLACEMENT - 2015                              | CW   | S2    | 03   | 4,691  | 155    | 0          | 0          | 0         | 4,846              | 0                  | 4,846              | O                                     | 0                  | 754                    | 0            | 4,092            | C                          | ) (      | 0       | 0                     | 0      | 4,846              |
| 0                  | 64     | WATERMAIN UPGRADES - 2015                                | CW   | S2    | 05   | 338    | 0      | 0          | 0          | 0         | 338                | 0                  | 338                | O                                     | 0                  | 105                    | 0            | 233              | C                          | ) (      | 0       | 0                     | 0      | 338                |
| 0                  | 73     | DIST W/M REPLACEMENT - 2016                              | CW   | S2    | 03   | 19,562 | 8,427  | 0          | 0          | 0         | 27,989             | 0                  | 27,989             | O                                     | 0                  | 4,352                  | 0            | 23,637           | C                          | ) (      | 0       | 0                     | 0      | 27,989             |
| 0                  | 74     | WATERMAIN UPGRADES - 2016                                | CW   | S2    | 05   | 3,470  | 1,840  | 0          | 0          | 0         | 5,310              | 0                  | 5,310              | O                                     | 0                  | 1,652                  | 0            | 3,658            | C                          | ) (      | 0       | 0                     | 0      | 5,310              |
| 0                  | 82     | DIST W/M REPLACEMENT - 2015-2017 S                       | c cw | S3    | 03   | -3,738 | 741    | 0          | 0          | 0         | -2,997             | 0                  | -2,997             | C                                     | 0                  | -467                   | 0            | -2,530           | (                          | ) (      | 0       | 0                     | 0      | -2,997             |
| 0                  | 83     | DIST W/M REPLACEMENT - 2017                              | CW   | S4    | 03   | 51,296 | 15,598 | 7,272      | 0          | 0         | 74,166             | 0                  | 74,166             | C                                     | 0                  | 11,533                 | 0            | 62,633           | (                          | ) (      | 0       | 0                     | 0      | 74,166             |
| 0                  | 84     | WATERMAIN UPGRADES - 2017                                | CW   | S4    | 05   | 10,333 | 2,952  | 1,476      | 0          | 0         | 14,761             | 0                  | 14,761             | O                                     | 0                  | 4,592                  | 0            | 10,169           | C                          | ) (      | 0       | 0                     | 0      | 14,761             |
| 0                  | 85     | DIST W/M REPLACEMENT - 2018                              | CW   | S6    | 03   | 0      | 53,522 | 15,292     | 7,646      | 0         | 76,460             | 0                  | 76,460             | C                                     | 0                  | 11,890                 | 0            | 64,570           | C                          | ) (      | 0 0     | 0                     | 0      | 76,460             |
| 0                  | 86     | WATERMAIN UPGRADES - 2018                                | CW   | S6    | 05   | 0      | 13,406 | 3,830      | 1,915      | 0         | 19,151             | 0                  | 19,151             | C                                     | 0                  | 5,959                  | 0            | 13,192           | C                          | ) (      | 0 0     | 0                     | 0      | 19,151             |
| 0                  | 87     | 2010 WM REPLC- 2017 SC                                   | CW   | S3    | 03   | 1      | 0      | 0          | 0          | 0         | 1                  | 0                  | 1                  | O                                     | 0                  | 0                      | 0            | 1                | C                          | ) (      | 0       | 0                     | 0      | 1                  |
| 0                  | 88     | DIST W/M REPLC - 2012- 2017 SC                           | CW   | S3    | 03   | 90     | 0      | 0          | 0          | 0         | 90                 | 0                  | 90                 | O                                     | 0                  | 0                      | 0            | 90               | C                          | ) (      | 0       | 0                     | 0      | 90                 |
| 0                  | 89     | 2013 WM REPLC - SOGR- 2017 SC                            | CW   | S3    | 03   | 10     | 0      | 0          | 0          | 0         | 10                 | 0                  | 10                 | O                                     | 0                  | 0                      | 0            | 10               | C                          | ) (      | 0       | 0                     | 0      | 10                 |
| 0                  | 90     | 2013 WM REPLC - UPGRADES- 2017 SC                        | CW   | S3    | 05   | 0      | 101    | 0          | 0          | 0         | 101                | 0                  | 101                | O                                     | 0                  | 31                     | 0            | 70               | C                          | ) (      | 0       | 0                     | 0      | 101                |
| 0                  |        | DIST W/M REPLACEMENT - 2014- 2017<br>SC                  | CW   | S3    | 03   | -401   | 255    | 0          | 0          | 0         | -146               | 0                  | -146               | O                                     | 0                  | 40                     | 0            | -186             | C                          | ) (      | 0       | 0                     | 0      | -146               |
| 0                  | 92     | WATERMAIN UPGRADES - 2014- 2017 SC                       | c cw | S3    | 05   | -400   | 0      | 0          | 0          | 0         | -400               | 0                  | -400               | O                                     | 0                  | 0                      | 0            | -400             | C                          | ) (      | 0       | 0                     | 0      | -400               |
| 0                  |        | WATERMAIN REPLACEMENT -<br>METROLINX- 2017 SC            | CW   | S3    | 03   | -712   | -649   | 724        | 1,494      | 1,494     | 2,351              | 0                  | 2,351              | C                                     | 0                  | 0                      | 0            | 2,351            | C                          | ) (      | 0 0     | 0                     | 0      | 2,351              |
| 0                  | 94     | WATERMAIN UPGRADES - 2015- 2017 SC                       | c cw | S3    | 05   | -191   | 0      | 0          | 0          | 0         | -191               | 0                  | -191               | C                                     | 0                  | -59                    | 0            | -132             | C                          | ) (      | 0 0     | 0                     | 0      | -191               |
| 0                  |        | DIST W/M REPLACEMENT - 2016- 2017<br>SC                  | CW   | S3    | 03   | 3,443  | -1,270 | 374        | 0          | 0         | 2,547              | 0                  | 2,547              | C                                     | 0                  | 396                    | 0            | 2,151            | C                          | ) (      | 0       | 0                     | 0      | 2,547              |

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| L        | -  |        |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |     |                    |                    |
|----------|--|--------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|---------|-----|--------------------|--------------------|
|          |  |        |       |      |        | Curre  | ent and Fu | iture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cur                | rent and F             | uture Year | Cash Flo         | w Comm                     | itments | inanced | Ву  |                    |                    |
|          | oject No. <u>Project Name</u><br>ubProj No. Sub-project Name | Ward S | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2  | Rec | Debt -<br>overable | Total<br>Financing |
| WAT90693 | 0 DIST W/M REPLACEMENT                                       |        |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |     |                    |                    |
| 0 96     | WATERMAIN UPGRADES - 2016- 2017 SC                           | CW     | S3    | 05   | 1,086  | -255   | 0          | 0          | 0        | 831                | 0                  | 831                | C                                     | 0                  | 258                    | 0          | 573              | 0                          | ) (     | 0 0     | 0   | 0                  | 831                |
|          | Sub-total  |        |       |      | 90,853 | 95,823 | 106,818    | 121,355    | 113,594  | 528,443            | 564,300            | 1,092,743          | 0                                     | 0                  | 196,095                | 0          | 896,648          | 0                          | ) (     | ) C     | ) 0 | 0                  | 1,092,743          |
| WAT90693 | 2 DIST W/M REHABILITATION                                    |        |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |     |                    |                    |
| 03       | 10 YEAR WATERMAIN REHABILITATION                             | CW     | S6    | 03   | 0      | 4,000  | 45,250     | 59,000     | 62,750   | 171,000            | 332,363            | 503,363            | 0                                     | 0                  | 0                      | 0          | 503,363          | 0                          | ) (     | 0 0     | 0   | 0                  | 503,363            |
| 0 4      | HYDRANT & VALVE REPAIR                                       | CW     | S2    | 03   | 2,193  | 0      | 0          | 0          | 0        | 2,193              | 0                  | 2,193              | 0                                     | 0                  | 0                      | 0          | 2,193            | 0                          | ) (     | 0 0     | 0   | 0                  | 2,193              |
| 06       | WATERMAIN STRUCTURAL LINING                                  | CW     | S2    | 03   | 52,318 | 14,629 | 15         | 2          | 0        | 66,964             | 0                  | 66,964             | 0                                     | 0                  | 0                      | 0          | 66,964           | 0                          | ) (     | 0 0     | 0   | 0                  | 66,964             |
| 0 7      | CATHODIC PROTECTION  | CW     | S2    | 03   | 5,298  | 450    | 0          | 0          | 0        | 5,748              | 0                  | 5,748              | 0                                     | 0                  | 0                      | 0          | 5,748            | 0                          | ) (     | ) 0     | 0   | 0                  | 5,748              |
| 0 30     | CUT REPAIR   | CW     | S2    | 03   | 2,933  | 0      | 0          | 0          | 0        | 2,933              | 0                  | 2,933              | 0                                     | 0                  | 0                      | 0          | 2,933            | 0                          | ) (     | ) 0     | 0   | 0                  | 2,933              |
| 0 34     | CUT REPAIR - FUTURE  | CW     | S6    | 03   | 0      | 0      | 4,300      | 4,300      | 4,300    | 12,900             | 21,500             | 34,400             | 0                                     | 0                  | 0                      | 0          | 34,400           | 0                          | ) (     | ) 0     | 0   | 0                  | 34,400             |
| 0 50     | HYDRANT & VALVE REPAIR-2017 SC                               | CW     | S3    | 03   | 127    | 0      | 0          | 0          | 0        | 127                | 0                  | 127                | 0                                     | 0                  | 0                      | 0          | 127              | 0                          | ) (     | 0 0     | 0   | 0                  | 127                |
| 0 51     | CUT REPAIR-2017 SC   | CW     | S3    | 03   | 367    | 3,300  | 0          | 0          | 0        | 3,667              | 0                  | 3,667              | 0                                     | 0                  | 0                      | 0          | 3,667            | 0                          | ) (     | 0 0     | 0   | 0                  | 3,667              |
| 0 52     | WATERMAIN STRUCTURAL LINING-2017<br>SC                       | CW     | S3    | 03   | 15,726 | 52,899 | 24,575     | 9,575      | 4,575    | 107,350            | 507                | 107,857            | C                                     | 0                  | 0                      | 0          | 96,580           | 0                          | ) (     | 11,277  | 0   | 0                  | 107,857            |
| 0 54     | CATHODIC PROTECTION- 2017 SC                                 | CW     | S3    | 03   | -1,198 | 888    | 0          | 0          | 0        | -310               | 0                  | -310               | 0                                     | 0                  | 0                      | 0          | -310             | 0                          | ) (     | 0 0     | 0   | 0                  | -310               |
|          | Sub-total  |        |       |      | 77,764 | 76,166 | 74,140     | 72,877     | 71,625   | 372,572            | 354,370            | 726,942            | 0                                     | 0                  | 0                      | 0          | 715,665          | 0                          | ) (     | 11,277  | 0   | 0                  | 726,942            |
| WAT90693 | 4 DIST WATER SERVICE REPAIR                                  |        |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |     |                    |                    |
| 0 4      | 10 YR WATER SERVICE REPAIR - LEAD<br>PROGRAM                 | CW     | S6    | 02   | 0      | 2,900  | 7,800      | 12,000     | 12,000   | 34,700             | 60,000             | 94,700             | 0                                     | 0                  | 0                      | 0          | 94,700           | 0                          | ) (     | ) 0     | 0   | 0                  | 94,700             |
| 0 6      | 10 YR WATER SERVICE REPAIR - SOGR                            | CW     | S6    | 02   | 0      | 0      | 10,000     | 15,000     | 18,000   | 43,000             | 90,000             | 133,000            | 0                                     | 0                  | 0                      | 0          | 133,000          | 0                          | ) (     | ) 0     | 0   | 0                  | 133,000            |
| 0 12     | WATER SERVICE REPAIR - LEAD<br>PROGRAM                       | CW     | S2    | 02   | 18,219 | 5,000  | 0          | 0          | 0        | 23,219             | 0                  | 23,219             | C                                     | 0                  | 0                      | 0          | 23,219           | 0                          | ) (     | ) 0     | 0   | 0                  | 23,219             |
| 0 19     | 2010 WSR   | CW     | S2    | 02   | 5      | 0      | 0          | 0          | 0        | 5                  | 0                  | 5                  | 0                                     | 0                  | 0                      | 0          | 5                | 0                          | ) (     | ) 0     | 0   | 0                  | 5                  |
| 0 32     | WSR CUT REPAIR   | CW     | S2    | 03   | 1,750  | 0      | 0          | 0          | 0        | 1,750              | 0                  | 1,750              | 0                                     | 0                  | 0                      | 0          | 1,750            | 0                          | ) (     | ) 0     | 0   | 0                  | 1,750              |
| 0 39     | 2012 WATER SERVICE REPLC - SOGR                              | CW     | S2    | 02   | 35     | 0      | 0          | 0          | 0        | 35                 | 0                  | 35                 | 0                                     | 0                  | 0                      | 0          | 35               | 0                          | ) (     | ) 0     | 0   | 0                  | 35                 |
| 0 41     | 2013 WSR   | CW     | S2    | 02   | 11     | 0      | 0          | 0          | 0        | 11                 | 0                  | 11                 | 0                                     | 0                  | 0                      | 0          | 11               | 0                          | ) (     | ) 0     | 0   | 0                  | 11                 |
| 0 45     | WSR CUT REPAIR - FUTURE                                      | CW     | S6    | 02   | 0      | 0      | 4,000      | 4,000      | 4,000    | 12,000             | 20,000             | 32,000             | 0                                     | 0                  | 0                      | 0          | 32,000           | 0                          | ) (     | ) 0     | 0   | 0                  | 32,000             |
| 0 52     | 2014 WATER SERVICE REPLACEMENT -<br>SOGR                     | CW     | S2    | 02   | 11     | 0      | 0          | 0          | 0        | 11                 | 0                  | 11                 | 0                                     | 0                  | 0                      | 0          | 11               | 0                          | ) (     | ) 0     | 0   | 0                  | 11                 |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        | •   |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |                    |                              |     |           |          |      |                             |  |
|--------------------|--------|---|------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------------|------------------------------|-----|-----------|----------|------|-----------------------------|--|
|                    |        |   |      |       |      |        | Curre  | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                | rent and Fu            | uture Year Ca      | sh Flow Co                   | omm | itments I | Financed | d By |                             |  |
| <u>Sut</u><br>Pric |        | oject No. <u>Project Name</u><br>DProj No. Sub-project Name | Ward | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Res<br>Reserves Fu | Cap<br>serve fro<br>inds Cur | m   | Other 1   | Other2   | Del  | Debt -<br>Recoverable<br>bt | <ul> <li>Total</li> <li>Financing</li> </ul> |
| WAT                | 906934 | DIST WATER SERVICE REPAIR                                   |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |                    |                              |     |           |          |      |                             |  |
| 0                  | 59     | 2015 WATER SERVICE REPLACEMENT<br>SOGR                      | - CW | S2    | 02   | 2,277  | 736    | 2          | 0          | 0        | 3,015              | 0                  | 3,015              | С                                     | 0 0                | 0                      | 0                  | 3,015                        | 0   | ) C       | ) (      | )    | 0 0                         | 3,015  |
| 0                  | 68     | 2016 WATER SERVICE REPLACEMENT<br>SOGR                      | - CW | S2    | 02   | 12,062 | 5,000  | 0          | 0          | 0        | 17,062             | 0                  | 17,062             | С                                     | 0 0                | 0                      | 0 1                | 7,062                        | 0   | ) (       | ) (      | )    | 0 0                         | 17,062                                       |
| 0                  | 71     | WATER SERVICE REPAIR - WM REHAB<br>PROGRAM                  | CW   | S2    | 02   | 7,449  | 0      | 0          | 0          | 0        | 7,449              | 0                  | 7,449              | C                                     | ) 0                | 0                      | 0                  | 7,449                        | 0   | ) (       | ) (      | )    | 0 0                         | 7,449  |
| 0                  | 72     | 10 YR WATER SERVICE REPAIR - WITH<br>WM SL                  | CW   | S6    | 02   | 0      | 0      | 4,000      | 8,000      | 10,000   | 22,000             | 50,000             | 72,000             | С                                     | 0 0                | 0                      | 0 7                | 2,000                        | 0   | ) (       | ) (      | )    | 0 0                         | 72,000                                       |
| 0                  | 73     | WATER SERVICE REPLACEMENT -<br>TUNNEL                       | CW   | S6    | 02   | 0      | 0      | 0          | 50         | 50       | 100                | 7,500              | 7,600              | С                                     | 0 0                | 0                      | 0                  | 7,600                        | 0   | ) (       | ) (      | )    | 0 0                         | 7,600  |
| 0                  | 74     | REPLACEMENT OF FROZEN SERVICES                              | S CW | S4    | 02   | 1,000  | 1,000  | 1,000      | 0          | 0        | 3,000              | 0                  | 3,000              | C                                     | 0 0                | 0                      | 0                  | 3,000                        | 0   | ) (       | ) (      | )    | 0 0                         | 3,000  |
| 0                  | 75     | WSR CUT REPAIRS WITH WM SL                                  | CW   | S2    | 02   | 1,750  | 0      | 0          | 0          | 0        | 1,750              | 0                  | 1,750              | C                                     | 0 0                | 0                      | 0                  | 1,750                        | 0   | ) (       | ) (      | )    | 0 0                         | 1,750  |
| 0                  | 78     | 2011 WSR  | CW   | S2    | 02   | 14     | 0      | 0          | 0          | 0        | 14                 | 0                  | 14                 | C                                     | 0 0                | 0                      | 0                  | 14                           | 0   | ) (       | ) (      | )    | 0 0                         | 14   |
| 0                  | 80     | WATER SERVICE REPAIR - LEAD<br>PROGRAM-2017 SC              | CW   | S3    | 02   | -6,716 | 3,356  | 4,450      | 200        | 0        | 1,290              | 0                  | 1,290              | С                                     | 0 0                | 0                      | 0                  | 1,290                        | 0   | ) (       | ) (      | )    | 0 0                         | 1,290  |
| 0                  | 81     | WSR CUT REPAIR-2017 SC                                      | CW   | S3    | 03   | -250   | 1,500  | 0          | 0          | 0        | 1,250              | 0                  | 1,250              | C                                     | 0 0                | 0                      | 0                  | 1,250                        | 0   | ) (       | ) (      | )    | 0 0                         | 1,250  |
| 0                  | 82     | WATER SERVICE REPAIR - WM REHAB<br>PROGRAM-2017 SC          | CW   | S3    | 02   | 1,723  | 7,500  | 7,000      | 2,000      | 0        | 18,223             | 0                  | 18,223             | C                                     | 0 0                | 0                      | 0 1                | 8,223                        | 0   | ) (       | ) (      | )    | 0 0                         | 18,223                                       |
| 0                  | 83     | WSR CUT REPAIRS WITH WM SL-2017<br>SC                       | CW   | S3    | 02   | -250   | 1,500  | 0          | 0          | 0        | 1,250              | 0                  | 1,250              | C                                     | 0 0                | 0                      | 0                  | 1,250                        | 0   | ) (       | ) (      | )    | 0 0                         | 1,250  |
| 0                  | 84     | 2017 WATER SERVICE REPLACEMENT SOGR                         | - CW | S4    | 02   | 10,000 | 7,000  | 3,000      | 0          | 0        | 20,000             | 0                  | 20,000             | C                                     | 0 0                | 0                      | 0 2                | 0,000                        | 0   | ) (       | ) (      | )    | 0 0                         | 20,000                                       |
| 0                  | 85     | 2018 WATER SERVICE REPLACEMENT<br>SOGR                      | - CW | S6    | 02   | 0      | 10,000 | 7,000      | 3,000      | 0        | 20,000             | 0                  | 20,000             | С                                     | 0 0                | 0                      | 0 2                | 0,000                        | 0   | ) (       | ) (      | )    | 0 0                         | 20,000                                       |
| 0                  | 86     | 2010 WSR- 2017 SC   | CW   | S3    | 02   | 0      | 215    | 0          | 0          | 0        | 215                | 0                  | 215                | C                                     | 0 0                | 0                      | 0                  | 215                          | 0   | ) (       | ) (      | )    | 0 0                         | 215  |
| 0                  | 87     | 2011 WSR- 2017 SC   | CW   | S3    | 02   | 1      | 0      | 0          | 0          | 0        | 1                  | 0                  | 1                  | C                                     | 0 0                | 0                      | 0                  | 1                            | 0   | ) (       | ) (      | )    | 0 0                         | 1  |
| 0                  | 88     | 2013 WSR- 2017 SC   | CW   | S3    | 02   | 0      | 100    | 0          | 0          | 0        | 100                | 0                  | 100                | С                                     | 0 0                | 0                      | 0                  | 100                          | 0   | ) C       | ) (      | )    | 0 0                         | 100  |
| 0                  | 89     | 2014 WATER SERVICE REPLACEMENT<br>SOGR- 2017 SC             | - CW | S3    | 02   | 0      | 266    | 0          | 0          | 0        | 266                | 0                  | 266                | С                                     | 0 0                | 0                      | 0                  | 266                          | 0   | ) C       | ) (      | )    | 0 0                         | 266  |
| 0                  | 90     | 2015 WATER SERVICE REPLACEMENT<br>SOGR- 2017 SC             | - CW | S3    | 02   | -712   | 26     | -2         | 0          | 0        | -688               | 0                  | -688               | C                                     | 0 0                | 0                      | 0                  | -688                         | 0   | i C       | ) (      | )    | 0 0                         | -688   |
| 0                  | 91     | 2016 WATER SERVICE REPLACEMENT<br>SOGR- 2017 SC             | - CW | S3    | 02   | -8,622 | 2,611  | 0          | 0          | 0        | -6,011             | 0                  | -6,011             | C                                     | 0 0                | 0                      | 0 -                | 6,011                        | 0   | ) C       | ) (      | )    | 0 0                         | -6,011                                       |
|                    |        | Sub-total   |      |       |      | 39,757 | 48,710 | 48,250     | 44,250     | 44,050   | 225,017            | 227,500            | 452,517            | 0                                     | 0                  | 0                      | 0 45               | 2,517                        | 0   | ) (       | ) (      | D    | 0 0                         | 452,517                                      |
| WAT                | 906935 | NEW SERVICE CONNECTIONS                                     |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |                    |                              |     |           |          |      |                             |  |
| 0                  | 2      | NEW SERVICE CONNECTIONS - CUT<br>REPAIRS                    | CW   | S2    | 05   | 5,000  | 0      | 0          | 0          | 0        | 5,000              | 0                  | 5,000              | C                                     | 0 0                | 0                      | 0                  | 5,000                        | 0   | ) (       | ) (      | )    | 0 0                         | 5,000  |
| 0                  | 7      | NEW SERVICE CONNECTIONS - SITE SERVICING                    | CW   | S2    | 05   | 22,000 | 7,500  | 0          | 0          | 0        | 29,500             | 0                  | 29,500             | C                                     | 0 0                | 0                      | 0 2                | 9,500                        | 0   | ) C       | ) (      | )    | 0 0                         | 29,500                                       |
|                    |        |   |      |       |      |        |        |            |            |          | •                  | •                  | •                  |                                       |                    |                        |                    |                              |     |           |          |      |                             |  |

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| Priority:<br>WAT9069<br>0 14<br>0 15<br>0 22<br>0 23            | SubProj No.<br>935 NEW SER<br>NEW SER<br>NEW SER<br>REPAIRS<br>2 NEW SER<br>SERVICIN<br>3 NEW SER<br>REPAIRS-<br>951 ENGINEEI<br>CONSULT   | VICE CONNECTIONS<br>VICE CONNECTIONS - 10 Year<br>VICE CONNECTIONS - CUT<br>- FUTURE<br>VICE CONNECTIONS - SITE<br>IG-2017 SC<br>VICE CONNECTIONS - CUT<br>2017 SC<br>Sub-total<br>RING | Ward<br>CW<br>CW<br>CW | S6<br>S6<br>S3 |                | 2017<br>0<br>8,000<br>0 | 2018<br>0<br>0<br>22,500 | 2019<br>30,000<br>6,000<br>0 | 2020<br>30,000<br>6,000 | 2021<br>30,000<br>6,000 | 90,000              | Total<br>2022-2026<br>150,000 | Total<br>2017-2026<br>240,000 | Provincial<br>Grants and<br>Subsidies |                    |                        | uture Year C<br>Reserves F | (                      | Capital                    | Other 1 | Other2 | De           | bt -<br>verable | Financing |
|---|--|---|------------------------|----------------|----------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------------|---------------------|-------------------------------|-------------------------------|---------------------------------------|--------------------|------------------------|----------------------------|------------------------|----------------------------|---------|--------|--------------|-----------------|-----------|
| Priority:<br>WAT9069<br>0 14<br>0 15<br>0 22<br>0 23<br>WAT9069 | SubProj No.<br>935 NEW SER<br>NEW SER<br>NEW SER<br>REPAIRS<br>2 NEW SER<br>SERVICIN<br>3 NEW SER<br>REPAIRS-<br>951 ENGINEEI<br>CONSULT   | Sub-project Name<br>VICE CONNECTIONS<br>VICE CONNECTIONS - 10 Year<br>VICE CONNECTIONS - CUT<br>- FUTURE<br>VICE CONNECTIONS - SITE<br>IG-2017 SC<br>Sub-total<br>RING                  | cw<br>cw               | S6<br>S6<br>S3 | 05<br>05<br>05 | 0<br>0<br>8,000         | 0<br>0<br>22,500         | 30,000<br>6,000              | 30,000<br>6,000         | 30,000                  | 2017-2021<br>90,000 | 2022-2026                     | 2017-2026                     | Grants and<br>Subsidies               | Federal<br>Subsidy | Development<br>Charges | Reserves F                 | (<br>eserve<br>Funds C | Capital<br>from<br>Current |         |        | Reco<br>Debt | verable         | Financing |
| 0 14<br>0 15<br>0 22<br>0 23                                    | <ul> <li>NEW SER</li> <li>NEW SER</li> <li>REPAIRS</li> <li>NEW SER</li> <li>SERVICIN</li> <li>NEW SER</li> <li>REPAIRS</li> <li>NEW SER</li> <li>REPAIRS</li> <li>REPAIRS</li> <li>SERVICIN</li> <li>SERVICIN</li> <li>CONSULT</li> </ul> | EVICE CONNECTIONS - 10 Year<br>EVICE CONNECTIONS - CUT<br>- FUTURE<br>EVICE CONNECTIONS - SITE<br>IG-2017 SC<br>EVICE CONNECTIONS - CUT<br>2017 SC<br>Sub-total<br>RING                 | cw<br>cw               | S6<br>S3       | 05<br>05       | 0<br>8,000              | 0<br>22,500              | 6,000                        | 6,000                   |                         | 90,000              |                               | 240.000                       |                                       |                    |                        |                            |                        |                            |         |        |              | 0               |           |
| 0 15<br>0 22<br>0 23<br><u>WAT906</u>                           | 5 NEW SER<br>REPAIRS<br>2 NEW SER<br>SERVICIN<br>3 NEW SER<br>REPAIRS-<br>951 ENGINEEI<br>CONSULT  | EVICE CONNECTIONS - CUT<br>- FUTURE<br>EVICE CONNECTIONS - SITE<br>IG-2017 SC<br>EVICE CONNECTIONS - CUT<br>2017 SC<br>Sub-total<br>RING  | cw<br>cw               | S6<br>S3       | 05<br>05       | 0<br>8,000              | 0<br>22,500              | 6,000                        | 6,000                   |                         |                     | 150,000                       | 240.000                       |                                       |                    |                        |                            |                        |                            |         |        | 0            | 0               | 240.000   |
| 0 22<br>0 23<br><u>WAT906</u>                                   | REPAIRS<br>NEW SER<br>SERVICIN<br>NEW SER<br>REPAIRS-<br>951 ENGINEEI<br>CONSULT   | - FUTURE<br>EVICE CONNECTIONS - SITE<br>IG-2017 SC<br>EVICE CONNECTIONS - CUT<br>2017 SC<br>Sub-total<br>RING   | CW                     | S3             | 05             | 8,000                   | 22,500                   |                              |                         | 6,000                   |                     |                               | 240,000                       | 0                                     | 0                  | 0                      | 0 2                        | 40,000                 | 0                          | 0 0     | ) 0    | 5            |                 | 240,000   |
| 0 23<br><u>WAT906</u>   | SERVICIN<br>NEW SER<br>REPAIRS-<br>951 ENGINEEI<br>CONSULT   | IG-2017 SC<br>EVICE CONNECTIONS - CUT<br>2017 SC<br>Sub-total<br>RING   |                        |                |                |                         |                          | 0                            |                         |                         | 18,000              | 30,000                        | 48,000                        | 0                                     | 0                  | 0                      | 0                          | 48,000                 | 0                          | 0 0     | 0 0    | 0            | 0               | 48,000    |
| WAT9069   | REPAIRS-<br>951 ENGINEEI<br>CONSULT  | 2017 SC<br>Sub-total<br><u>RING</u>   | CW                     | S3             | 05             | 0                       |                          |                              | 0                       | 0                       | 30,500              | 0                             | 30,500                        | 0                                     | 0                  | 0                      | 0                          | 30,500                 | 0                          | 0 0     | 0 0    | 0            | 0               | 30,500    |
|   | CONSULT  | RING  |                        |                |                |                         | 5,200                    | 0                            | 0                       | 0                       | 5,200               | 0                             | 5,200                         | 0                                     | 0                  | 0                      | 0                          | 5,200                  | 0                          | 0 0     | ) 0    | 0            | 0               | 5,200     |
|   | CONSULT  |   |                        |                |                | 35,000                  | 35,200                   | 36,000                       | 36,000                  | 36,000                  | 178,200             | 180,000                       | 358,200                       | 0                                     | 0                  | 0                      | 0 3                        | 58,200                 | 0                          | 0 0     | 0 0    | 0            | 0               | 358,200   |
| 0 2   |  | ING FEES  |                        |                |                |                         |                          |                              |                         |                         |                     |                               |                               |                                       |                    |                        |                            |                        |                            |         |        |              |                 |           |
|   | 10 YEAR E  |   | CW                     | S2             | 03             | 11,563                  | 11,457                   | 7,307                        | 6,554                   | 2,313                   | 39,194              | 0                             | 39,194                        | 0                                     | 0                  | 0                      | 0                          | 39,194                 | 0                          | 0 0     | 0 0    | 0            | 0               | 39,194    |
| 05  |  | ENGINEERING   | CW                     | S6             | 03             | 0                       | 27,683                   | 38,989                       | 46,419                  | 47,274                  | 160,365             | 265,249                       | 425,614                       | 0                                     | 0                  | 0                      | 04                         | 25,614                 | 0                          | 0 0     | 0 0    | 0            | 0               | 425,614   |
| 0 57  | PPFA SAL   | ARIES - FUTURE  | CW                     | S6             | 03             | 0                       | 2,292                    | 2,292                        | 2,292                   | 2,292                   | 9,168               | 11,460                        | 20,628                        | 0                                     | 0                  | 0                      | 0                          | 20,628                 | 0                          | ) 0     | 0 0    | 0            | 0               | 20,628    |
| 0 63  | B ROAD RE  | STORATION   | CW                     | S2             | 03             | 6,005                   | 0                        | 0                            | 0                       | 0                       | 6,005               | 0                             | 6,005                         | 0                                     | 0                  | 0                      | 0                          | 6,005                  | 0                          | 0 0     | 0 0    | 0            | 0               | 6,005     |
| 0 69  | EEGAL SE   | RVICES SALARIES   | CW                     | S3             | 03             | 205                     | 0                        | 0                            | 0                       | 0                       | 205                 | 0                             | 205                           | 0                                     | 0                  | 0                      | 0                          | 205                    | 0                          | 0 0     | 0 0    | 0            | 0               | 205       |
| 0 70  | ECS SALA   | ARIES   | CW                     | S3             | 03             | 13,458                  | 0                        | 0                            | 0                       | 0                       | 13,458              | 0                             | 13,458                        | 0                                     | 0                  | 0                      | 0                          | 13,458                 | 0                          | 0 0     | 0 0    | 0            | 0               | 13,458    |
| 0 71  | PPFA SAL   | ARIES   | CW                     | S3             | 03             | 2,292                   | 0                        | 0                            | 0                       | 0                       | 2,292               | 0                             | 2,292                         | 0                                     | 0                  | 0                      | 0                          | 2,292                  | 0                          | 0 0     | ) 0    | 0            | 0               | 2,292     |
| 0 72  | 2 ROAD RE  | STORATION- 2017 SC  | CW                     | S3             | 03             | -4,005                  | 2,000                    | 0                            | 0                       | 0                       | -2,005              | 0                             | -2,005                        | 0                                     | 0                  | 0                      | 0                          | -2,005                 | 0                          | ) 0     | ) 0    | 0            | 0               | -2,005    |
| 0 73  | 3 CONSULT  | ING FEES- 2017 SC   | CW                     | S3             | 03             | 1,182                   | 678                      | 3,045                        | 148                     | 1,448                   | 6,501               | 6,861                         | 13,362                        | 0                                     | 0                  | 0                      | 0                          | 13,362                 | 0                          | 0 0     | ) 0    | 0            | 0               | 13,362    |
| 0 74  | PMMD SA  | LARIES  | CW                     | S4             | 03             | 263                     | 0                        | 0                            | 0                       | 0                       | 263                 | 0                             | 263                           | 0                                     | 0                  |                        | 0                          | 263                    | 0                          |         |        | 0            | 0               |           |
|   |  | Sub-total   |                        |                |                | 30,963                  | 44,110                   | 51,633                       | 55,413                  | 53,327                  | 235,446             | 283,570                       | 519,016                       | 0                                     | 0                  | 0                      | 0 5                        | 19,016                 | 0                          | ) 0     | ) 0    | 0            | 0               | 519,016   |
| WAT9069   | 977 ISLAND W   | /.T.P. R&R  |                        |                |                |                         |                          |                              |                         |                         |                     |                               |                               |                                       |                    |                        |                            |                        |                            |         |        |              |                 |           |
| 0 1   | FACILITY   | & PROCESS UPGRADES  | CW                     | S2             | 03             | 1,482                   | 375                      | 0                            | 0                       | 0                       | 1,857               | 0                             | 1,857                         | 0                                     | 0                  | 0                      | 0                          | 1,857                  | 0                          | 0 0     | 0 0    | 0            | 0               | 1,857     |
| 0 12  | PACILITY<br>YARD   | UPGRADE - FORMER MARINE   | CW                     | S2             | 03             | 2,320                   | 0                        | 0                            | 0                       | 0                       | 2,320               | 0                             | 2,320                         | 0                                     | 0                  | 0                      | 0                          | 2,320                  | 0                          | 0 0     | 0 0    | 0            | 0               | 2,320     |
| 0 25  | 5 ISLAND FI  | ILTER AIR SCOUR SYSTEM  | CW                     | S2             | 04             | 5                       | 0                        | 0                            | 0                       | 0                       | 5                   | 0                             | 5                             | 0                                     | 0                  | 0                      | 0                          | 5                      | 0                          | 0 0     | 0 0    | 0            | 0               | 5         |
| 0 32  | 2 TRAVELLI   | ING SCREEN REPLACEMENT  | CW                     | S2             | 03             | 1,266                   | 2,430                    | 550                          | 10                      | 0                       | 4,256               | 0                             | 4,256                         | 0                                     | 0                  | 0                      | 0                          | 4,256                  | 0                          | 0 0     | 0 0    | 0            | 0               | 4,256     |
| 0 50  | UPGRADE  |   | CW                     |                | 03             | 2,738                   | 3,440                    | 12                           | 0                       | 0                       | 6,190               | 0                             | 6,190                         | 0                                     | 0                  | 0                      | 0                          | 6,190                  | 0                          | 0 0     | 0 0    | 0            | 0               |           |
| 0 51  | CHEMICA<br>DISTRIBU  | L SYSTEMS` ELECTRICAL FEED<br>TION  | CW                     | S2             | 03             | 26                      | 0                        | 0                            | 0                       | 0                       | 26                  | 0                             | 26                            | 0                                     | 0                  | 0                      | 0                          | 26                     | 0                          | 0 0     | 0 0    | 0            | 0               | 26        |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |                               |   |           |       |      |        | Curre  | ent and Fi | uture Year | Cash Flov | v Commitn          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year | Cash Flo         | w Comn          | nitments | Financed | Bv     |      |                    |
|--------------------|--------|-------------------------------|---|-----------|-------|------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|-----------------|----------|----------|--------|------|--------------------|
|                    |        |                               |   |           |       |      |        | Carr   |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  | Capital         |          |          | Debt   | -    |                    |
| <u>Sub</u><br>Pric |        | <u>oject No.</u><br>bProj No. | <u>Project Name</u><br>Sub-project Name | Ward      | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | from<br>Current | Other 1  | Other2   | Recove | able | Total<br>Financing |
| WAT                | 906977 | ISLAND V                      | V.T.P. R&R_                             |           |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                 |          |          |        |      |                    |
| 0                  | 53     | FACILITY<br>FUTURE            | & PROCESS UPGRADES -                    | CW        | S6    | 03   | 0      | 0      | 375        | 375        | 375       | 1,125              | 1,875              | 3,000              | C                                     | ) 0                | 0 0                    | 0          | 3,000            | (               | 0        | 0 0      | 0      | 0    | 3,000              |
| 0                  | 54     | FILTER M                      | IEDIA REPLC - FUTURE                    | CW        | S6    | 03   | 0      | 150    | 0          | 150        | 0         | 300                | 450                | 750                | c                                     | ) 0                | 0 0                    | 0          | 750              | (               | 0        | 0 0      | 0      | 0    | 750                |
| 0                  | 69     | Generato                      | rs` DR3 Program                         | CW        | S2    | 04   | 695    | 650    | 0          | 0          | 0         | 1,345              | 0                  | 1,345              | c                                     | 0 0                | 0 0                    | 0          | 1,345            | (               | 0        | 0 0      | 0      | 0    | 1,345              |
| 0                  | 70     | PLANTW                        | IDE HVAC UPGRADES                       | CW        | S2    | 04   | 1,151  | 1,141  | 0          | 0          | 0         | 2,292              | 0                  | 2,292              | c                                     | 0 0                | 0 0                    | 0          | 2,292            | (               | 0        | 0 0      | 0      | 0    | 2,292              |
| 0                  | 83     | RAW WA                        | TER INTAKE CLEANING                     | CW        | S2    | 03   | 1,090  | 0      | 0          | 0          | 0         | 1,090              | 0                  | 1,090              | c                                     | 0 0                | 0 0                    | 0          | 1,090            | (               | 0        | 0 0      | 0      | 0    | 1,090              |
| 0                  | 89     | FACILITY<br>SC                | & PROCESS UPGRADES-2017                 | 7 CW      | S3    | 03   | -865   | 0      | 0          | 0          | 0         | -865               | 0                  | -865               | c                                     | 0 0                | 0 0                    | 0          | -865             | (               | 0        | 0 0      | 0      | 0    | -865               |
| 0                  | 90     | FACILITY<br>YARD-20           | UPGRADE - FORMER MARINE                 | E CW      | S3    | 03   | -1,370 | 3,100  | 750        | 0          | 0         | 2,480              | 0                  | 2,480              | c                                     | ) 0                | 0 0                    | 0          | 2,480            | (               | 0        | 0 0      | 0      | 0    | 2,480              |
| 0                  | 91     |                               | ING SCREEN<br>EMENT-2017 SC             | CW        | S3    | 03   | 370    | -2,330 | 150        | 2,740      | 0         | 930                | 0                  | 930                | c                                     | ) 0                | 0 0                    | 0          | 930              | (               | 0        | 0 0      | 0      | 0    | 930                |
| 0                  | 92     | Generato                      | rs` DR3 Program-2017 SC                 | CW        | S3    | 04   | -695   | -570   | 695        | 650        | 0         | 80                 | 0                  | 80                 | c                                     | ) 0                | 0 0                    | 0          | 80               | (               | 0        | 0 0      | 0      | 0    | 80                 |
| 0                  | 93     | RAW WA                        | TER INTAKE CLEANING-2017 \$             | SC CW     | S3    | 03   | -940   | 1,100  | 0          | 0          | 0         | 160                | 0                  | 160                | c                                     | 0 0                | 0 0                    | 0          | 160              | (               | 0        | 0 0      | 0      | 0    | 160                |
| 0                  | 95     | ISLAND F<br>2017 SC           | FILTER AIR SCOUR SYSTEM-                | CW        | S3    | 04   | 0      | 56     | 0          | 0          | 0         | 56                 | 0                  | 56                 | c                                     | ) 0                | ) 3                    | 0          | 53               | (               | 0        | 0 0      | 0      | 0    | 56                 |
| 0                  | 96     | ISLAND E<br>2017 SC           | ENWAVE/RETROFIT PROJECT-                | CW        | S3    | 04   | 4      | 0      | 0          | 0          | 0         | 4                  | 0                  | 4                  | c                                     | 0 0                | 0 0                    | 0          | 4                | (               | 0        | 0 0      | 0      | 0    | 4                  |
| 0                  | 97     |                               | A AND FLUORIDE SYSTEM<br>ES- 2017 SC    | CW        | S3    | 03   | -2,459 | 119    | 2,467      | 7          | 0         | 134                | 0                  | 134                | c                                     | ) 0                | 0 0                    | 0          | 134              | (               | 0        | 0 0      | 0      | 0    | 134                |
| 0                  | 98     |                               | AL SYSTEMS` ELEC FEED<br>JTION- 2017 SC | CW        | S3    | 03   | 4      | 40     | 0          | 0          | 0         | 44                 | 0                  | 44                 | c                                     | ) 0                | 0 0                    | 0          | 44               | (               | 0        | 0 0      | 0      | 0    | 44                 |
| 0                  | 99     | PLANTW                        | IDE HVAC UPGRADES- 2017 S               | C CW      | S3    | 04   | -525   | 49     | 527        | 15         | 0         | 66                 | 0                  | 66                 | c                                     | ) 0                | 0 0                    | 0          | 66               | (               | 0        | 0 0      | 0      | 0    | 66                 |
| 0                  | 100    | RAW WA<br>FUTURE              | TER INTAKE CLEANING -                   | CW        | S6    | 03   | 0      | 0      | 0          | 0          | 0         | 0                  | 1,250              | 1,250              | c                                     | ) 0                | 0 0                    | 0          | 1,250            | (               | 0        | 0 0      | 0      | 0    | 1,250              |
|                    |        |                               | Sub-total                               |           |       |      | 4,297  | 9,750  | 5,526      | 3,947      | 375       | 23,895             | 3,575              | 27,470             | 0                                     | 0                  | ) 3                    | 0          | 27,467           | (               | 0        | 0 0      | 0      | 0    | 27,470             |
| WAT                | 906979 | D2/D4 TR                      | UNK WATERMAIN UPGRADES                  | 6         |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                 |          |          |        |      |                    |
| 0                  | 11     | JOS - VIC                     | CTORIA PARK W/M - CONST                 | CW        | S6    | 05   | 0      | 0      | 0          | 0          | 0         | 0                  | 54,000             | 54,000             | c                                     | 0 0                | 25,971                 | 0          | 18,659           | (               | 0        | 0 9,370  | 0      | 0    | 54,000             |
| 0                  | 26     | JOS - VIC<br>ENGINEE          | TORIA PARK W/M _<br>RING                | CW        | S6    | 05   | 0      | 0      | 0          | 300        | 600       | 900                | 2,100              | 3,000              | c                                     | ) 0                | ) 1,444                | 0          | 1,036            | (               | 0        | 0 520    | 0      | 0    | 3,000              |
|                    |        |                               | Sub-total                               |           |       |      | 0      | 0      | 0          | 300        | 600       | 900                | 56,100             | 57,000             | 0                                     | 0                  | 27,415                 | 0          | 19,695           | (               | 0        | 0 9,890  | 0      | 0    | 57,000             |
| WAT                | 907135 | BAYVIEW                       | / TRUNK WATERMAIN - PH2                 |           |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                 |          |          |        |      |                    |
| 0                  | 5      | HPEC W/                       | M - BAYVIEW TO KEELE                    | CW        | S6    | 05   | 0      | 0      | 400        | 500        | 400       | 1,300              | 103,450            | 104,750            | C                                     | ) ()               | 65,173                 | 0          | 39,577           | (               | 0        | 0 0      | 0      | 0    | 104,750            |
|                    |        |                               | Sub-total                               |           |       |      | 0      | 0      | 400        | 500        | 400       | 1,300              | 103,450            | 104,750            | 0                                     | 0                  | 65,173                 | 0          | 39,577           | (               | 0        | 0 0      | 0      | 0    | 104,750            |
| WAT                | 907353 | LAWREN                        | CE ALLAN REVITALIZATION PL              | <u>AN</u> |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                 |          |          |        |      |                    |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| LAN-INTERNAL         LAN-INTERNAL<  |          |                                    |          |       |      |        |        |            |            |          |           |         |         |            |                      |                        |                    |                                     |         |        |         |          |     |         |
|---|----------|------------------------------------|----------|-------|------|--------|--------|------------|------------|----------|-----------|---------|---------|------------|----------------------|------------------------|--------------------|-------------------------------------|---------|--------|---------|----------|-----|---------|
| Babe         Prode (Mar)         Prod (Mar)  |          |                                    |          |       |      |        | Curre  | ent and Fu | uture Year | Cash Flo | w Commitn | nents   |         |            | Cur                  | rent and Fu            | uture Year Ca      | sh Flow Con                         | mitment | s Fina | anced E | By       |     |         |
| NUMBER         AVAILABLE ALALINE CONTRUITURE TON LOW         O        O        O        O   |          |                                    | Ward     | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     |           |         |         | Grants and | Federal [<br>Subsidy | Development<br>Charges | Res<br>Reserves Fu | Capita<br>serve from<br>inds Currer |         | 1 O    | ther2   | Recovera |     |         |
| LAN-INTERNAL         LAN-INTERNAL<  | WAT90735 | 53 LAWRENCE ALLAN REVITALIZATION P | LAN      |       |      |        |        |            |            |          |           |         |         |            |                      |                        |                    |                                     |         |        |         |          |     |         |
| LAN- SETEMAL         LAN- SETEMAL<  | 0 1      |                                    | CW       | S2    | 05   | 6,613  | 13,272 | 5,506      | 0          | 0        | 25,391    | 0       | 25,391  | O          | 0                    | 25,391                 | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 25,391  |
| HAN INTERNAL 20173C         HAN INTERNAL 20173C         UNITERNAL 2  | 0 2      |                                    | CW       | S2    | 05   | 4,592  | 0      | 0          | 0          | 0        | 4,592     | 0       | 4,592   | O          | 0                    | 4,592                  | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 4,592   |
| PLANE DATESIMULATIONSC         PLANE DATESIMULATIONS  | 09       |                                    | CW       | S3    | 05   | -3,613 | -5,272 | 1,731      | 7,237      | 0        | 83        | 0       | 83      | o          | 0                    | 83                     | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 83      |
| NUMBER         Rescuence         Image  | 0 10     |                                    | CW       | S3    | 05   | -4,092 | 3,842  | 3,842      | 0          | 0        | 3,592     | 0       | 3,592   | C          | 0                    | 3,592                  | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 3,592   |
| N         REGENT PARK CAPTAL CONTRIBUTION: CW S2 05         696         1.30         1.30         1.20         4.4         7.7         2.914         4.0         2.054         0         0.2656         0         0.265         0         0.2656         0         0.2656         0         0.2656         0         0.2656         0         0.2656         0         0.2656         0         0.2656         0         0.2656         0         0.2656         0         0.2656  |          | Sub-total                          |          |       |      | 3,500  | 11,842 | 11,079     | 7,237      | 0        | 33,658    | 0       | 33,658  | 0          | 0                    | 33,658                 | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 33,658  |
| FHASE 2       FHASE 3   | WAT90755 | 58 REGENT PARK CAPITAL CONTRIBUTIC | <u>N</u> |       |      |        |        |            |            |          |           |         |         |            |                      |                        |                    |                                     |         |        |         |          |     |         |
| PHASE 2: 017 GC       PHASE 2: 017 GC       PHASE 2: 017 GC       PHASE 2: 01 GC       PH  | 0 1      |                                    | N - CW   | S2    | 05   | 596    | 1,391  | 812        | 44         | 71       | 2,914     | 40      | 2,954   | 0          | 0                    | 2,954                  | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 2,954   |
| PHASE 3-5         Sub-bail         Image: state 3-5         Sub-bail         Sub-bail <td>0 13</td> <td></td> <td>ON CW</td> <td>S3</td> <td>05</td> <td>-596</td> <td>-1,391</td> <td>-812</td> <td>-44</td> <td>-71</td> <td>-2,914</td> <td>-40</td> <td>-2,954</td> <td>C</td> <td>0</td> <td>-2,954</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2,954</td>   | 0 13     |                                    | ON CW    | S3    | 05   | -596   | -1,391 | -812       | -44        | -71      | -2,914    | -40     | -2,954  | C          | 0                    | -2,954                 | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | -2,954  |
| VATURE         USINESS IT PROJECTS         USINESS IT PROJECT   | 0 14     |                                    | N - CW   | S4    | 05   | 812    | 1,909  | 864        | 1,398      | 812      | 5,795     | 146     | 5,941   | 0          | 0                    | 5,941                  | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 5,941   |
| N           |          | Sub-total                          |          |       |      | 812    | 1,909  | 864        | 1,398      | 812      | 5,795     | 146     | 5,941   | 0          | 0                    | 5,941                  | 0                  | 0                                   | 0       | 0      | 0       | 0        | 0   | 5,941   |
| SYSTEM PROJECT         SYSTEM PROJECT         SYSTEM PROJECT         SWSTEM   | WAT90794 | 46 BUSINESS IT PROJECTS            |          |       |      |        |        |            |            |          |           |         |         |            |                      |                        |                    |                                     |         |        |         |          |     |         |
| SYSTEM PROJECT- 2017 SC       SUB-0001       STA  | 07       |                                    | CW       | S2    | 04   | 2,409  | 1,422  | 1,273      | 1,000      | 500      | 6,604     | 0       | 6,604   | C          | 0                    | 0                      | 0                  | 6,604                               | 0       | 0      | 0       | 0        | 0   | 6,604   |
| VATE         TRUNK WATERMAN         VATE   | 0 16     |                                    | CW       | S3    | 04   | -1,679 | 158    | 2          | 325        | 500      | -694      | 750     | 56      | 0          | 0                    | 0                      | 0                  | 56                                  | 0       | 0      | 0       | 0        | 0   | 56      |
| No         1         TRANSMISSION SYSTEM AUTOMATION         CW         S2         04         2,456         10         0         0         2,466         0         0         0         2,466         0         0         0         2,466         0         0         0         2,466         0         0         0         2,466         0         0         0         2,466         0         0         0         2,466         0         0         0         2,466         0         0         0         0         2,466         0         0         0         0         2,466         0         0         0         0         2,466         0 </td <td></td> <td>Sub-total</td> <td></td> <td></td> <td></td> <td>730</td> <td>1,580</td> <td>1,275</td> <td>1,325</td> <td>1,000</td> <td>5,910</td> <td>750</td> <td>6,660</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>6,660</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>6,660</td>  |          | Sub-total                          |          |       |      | 730    | 1,580  | 1,275      | 1,325      | 1,000    | 5,910     | 750     | 6,660   | 0          | 0                    | 0                      | 0                  | 6,660                               | 0       | 0      | 0       | 0        | 0   | 6,660   |
| 0       4       JOS - REVENUE METER REPLACEMENT       CW       S2       03       3,545       2,950       0       0       6,495       0       0       0       0       3,247       0       0       3,248       0       0       6,495         0       5       CAST IRON T/M REPLACEMENT - CW       CW       S6       0       1,100       1,900       14,200       24,750       41,950       124,300       166,250       0       0       166,250       0       0       0       166,250       0       0       0       0       166,250       0       0       0       0       0       166,250          | WAT90808 | 87 TRUNK WATERMAIN                 |          |       |      |        |        |            |            |          |           |         |         |            |                      |                        |                    |                                     |         |        |         |          |     |         |
| 0       5       CAST IRON T/M REPLACEMENT -       CW       S6       03       0       1,100       1,900       14,200       24,750       41,950       124,300       166,250       0       0       0       166,250       0       0       0       0       166,250       0       0       0       0       166,250       0       0       0       0       166,250         | 0 1      | TRANSMISSION SYSTEM AUTOMATION     | N CW     | S2    | 04   | 2,456  | 10     | 0          | 0          | 0        | 2,466     | 0       | 2,466   | C          | 0                    | 0                      | 0                  | 2,466                               | 0       | 0      | 0       | 0        | 0   | 2,466   |
| FUTURE   | 0 4      | JOS - REVENUE METER REPLACEMEN     | IT CW    | S2    | 03   | 3,545  | 2,950  | 0          | 0          | 0        | 6,495     | 0       | 6,495   | o          | 0                    | 0                      | 0                  | 3,247                               | 0       | 0      | 3,248   | 0        | 0   | 6,495   |
| 0       10       TRANSMISSION SYSTEM AUTOMATION-       CW       S3       04       -2,204       606       1,857       1,650       41       1,950       92       2,042       0       0       0       2,042       0       0       0       2,042       0       0       0       2,042       0  | 05       |                                    | CW       | S6    | 03   | 0      | 1,100  | 1,900      | 14,200     | 24,750   | 41,950    | 124,300 | 166,250 | C          | 0                    | 0                      | 0 16               | 6,250                               | 0       | 0      | 0       | 0        | 0   | 166,250 |
| 2017 SC       2017 SC       2017 SC       1       3RD PARTY RELOCATIONS       CW S3 04       -300       0       0       -300       0       0       -300       0       0       -300       0       0       -300       0       0       -300       0       0       -300       0       0       -300       0       0       0       -300       0       0       0       -300       0       0       -300       0       0       -300       0       0       -300       0       -300       0       0       -300       0       -300       0   | 06       | 3RD PARTY RELOCATIONS (METROLIN    | IX) CW   | S2    | 04   | 350    | 250    | 250        | 200        | 200      | 1,250     | 0       | 1,250   | O          | 0                    | 0                      | 0                  | 1,250                               | 0       | 0      | 0       | 0        | 0   | 1,250   |
| METROLINX)- 2017 SC       METROLINX)- 2017 SC<  | 0 10     |                                    | N- CW    | S3    | 04   | -2,204 | 606    | 1,857      | 1,650      | 41       | 1,950     | 92      | 2,042   | O          | 0                    | 0                      | 0                  | 2,042                               | 0       | 0      | 0       | 0        | 0   | 2,042   |
| 2017 SC       Sub-total       2,802       5,466       5,007       16,050       24,991       54,316       124,392       178,708       0       0       0       175,208       0       0       3,500       0       178,708         WAT908248       WT&S PLANTWIDE       UV DISINFECTION - CONCEPTUAL       CW S2       04       0 <td>0 11</td> <td></td> <td>CW</td> <td>S3</td> <td>04</td> <td>-300</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-300</td> <td>0</td> <td>-300</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-300</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-300</td>   | 0 11     |                                    | CW       | S3    | 04   | -300   | 0      | 0          | 0          | 0        | -300      | 0       | -300    | 0          | 0                    | 0                      | 0                  | -300                                | 0       | 0      | 0       | 0        | 0   | -300    |
| WAT908248       WT&S PLANTWIDE       Image: Constraint of the second sec | 0 12     |                                    | IT- CW   | S3    | 03   | -1,045 | 550    | 1,000      | 0          | 0        | 505       | 0       | 505     | O          | 0                    | 0                      | 0                  | 253                                 | 0       | 0      | 252     | 0        | 0   | 505     |
| 0 1 UV DISINFECTION - CONCEPTUAL CW S2 04 500 0 0 0 0 0 500 0 500 0 500 0 0 0   |          | Sub-total                          |          |       |      | 2,802  | 5,466  | 5,007      | 16,050     | 24,991   | 54,316    | 124,392 | 178,708 | 0          | 0                    | 0                      | 0 17               | 5,208                               | 0       | 0      | 3,500   | 0        | 0 1 | 178,708 |
|   | WAT90824 | 48 WT&S PLANTWIDE                  |          |       |      |        |        |            |            |          |           |         |         |            |                      |                        |                    |                                     |         |        |         |          |     |         |
|   | 0 1      |                                    | CW       | S2    | 04   | 500    | 0      | 0          | 0          | 0        | 500       | 0       | 500     | o          | 0                    | 0                      | 0                  | 500                                 | 0       | 0      | 0       | 0        | 0   | 500     |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|          |  |       |       |      |         | Curr    | ent and Fu | iture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cu                 | rrent and Fut            | ure Year | Cash Flo         | w Comm                     | itments F | inanced | Ву |                     |                    |
|----------|--|-------|-------|------|---------|---------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|--------------------------|----------|------------------|----------------------------|-----------|---------|----|---------------------|--------------------|
|          | roject No. Project Name<br>ubProj No. Sub-project Name | Ward  | Stat. | Cat. | 2017    | 2018    | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges F | Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2  | Re | Debt -<br>coverable | Total<br>Financing |
| WAT90824 | 48 WT&S PLANTWIDE                                      |       |       |      |         |         |            |            |          |                    |                    |                    |                                       |                    |                          |          |                  |                            |           |         |    |                     |                    |
| 0 2      | UV DISINFECTION - ENGINEERING                          | CW    | S6    | 04   | 0       | 0       | 0          | 710        | 350      | 1,060              | 10,945             | 12,005             | 0                                     | (                  | ) 0                      | 0        | 12,005           | 0                          | 0         | 0       | (  | ) 0                 | 12,005             |
| 03       | UV DISINFECTION - CONSTRUCTION                         | CW    | S6    | 04   | 0       | 0       | 0          | 0          | 0        | 0                  | 93,000             | 93,000             | 0                                     | (                  | ) 0                      | 0        | 93,000           | 0                          | 0         | 0       | (  | ) 0                 | 93,000             |
| 0 4      | ZEBRA MUSSEL CONTROL - ENG                             | CW    | S4    | 04   | 650     | 404     | 474        | 666        | 130      | 2,324              | 48                 | 2,372              | 0                                     | (                  | ) 0                      | 0        | 2,372            | 0                          | 0         | 0       | 0  | 0 0                 | 2,372              |
| 05       | ZEBRA MUSSEL CONTROL -<br>CONSTRUCTION                 | CW    | S6    | 04   | 0       | 130     | 2,230      | 5,840      | 700      | 8,900              | 0                  | 8,900              | 0                                     | (                  | ) 0                      | 0        | 8,900            | 0                          | 0         | 0       | (  | ) 0                 | 8,900              |
| 06       | STANDBY POWER - PHASE 2 - ENG                          | CW    | S2    | 04   | 690     | 600     | 1,200      | 1,400      | 800      | 4,690              | 1,600              | 6,290              | 0                                     | (                  | ) 377                    | 0        | 4,026            | 0                          | 0         | 1,887   | (  | ) 0                 | 6,290              |
| 07       | STANDBY POWER - FUTURE                                 | CW    | S6    | 04   | 0       | 2,250   | 8,100      | 10,400     | 21,100   | 41,850             | 46,850             | 88,700             | 0                                     | (                  | 5,322                    | 0        | 56,768           | 0                          | 0         | 26,610  | 0  | ) 0                 | 88,700             |
| 08       | UV DISINFECTION - CONCEPTUAL<br>DESIGN- 2017 SC        | CW    | S3    | 04   | -500    | 0       | 0          | 0          | 0        | -500               | 0                  | -500               | 0                                     | (                  | ) 0                      | 0        | -500             | 0                          | 0         | 0       | 0  | ) 0                 | -500               |
| 09       | STANDBY POWER - PHASE 2 - ENG- 20<br>SC                | 17 CW | S3    | 04   | -140    | 425     | -475       | -550       | -375     | -1,115             | 1,025              | -90                | 0                                     | (                  | ) -3                     | 0        | -62              | 0                          | 0         | -25     | (  | ) 0                 | -90                |
| 0 10     | UV DISINFECTION - ISLAND WTP -<br>ENGINEERING          | CW    | S4    | 04   | 250     | 1,250   | 500        | 1,350      | 1,290    | 4,640              | 780                | 5,420              | 0                                     | (                  | ) 0                      | 0        | 5,420            | 0                          | 0         | 0       | (  | ) 0                 | 5,420              |
| 0 11     | UV DISINFECTION - ISLAND WTP -<br>CONSTRUCTION         | CW    | S6    | 04   | 0       | 0       | 0          | 13,000     | 19,000   | 32,000             | 8,700              | 40,700             | 0                                     | (                  | ) 0                      | 0        | 40,700           | 0                          | 0         | 0       | (  | ) 0                 | 40,700             |
| 0 12     | SCRUBBER AND TONNER CONNECTION<br>IMPROVEMENTS AT WTP  | V CW  | S4    | 04   | 200     | 915     | 730        | 105        | 5        | 1,955              | 0                  | 1,955              | 0                                     | (                  | ) 117                    | 0        | 1,250            | 0                          | 0         | 588     | (  | ) 0                 | 1,955              |
|          | Sub-total  |       |       |      | 1,650   | 5,974   | 12,759     | 32,921     | 43,000   | 96,304             | 162,948            | 259,252            | 0                                     | (                  | 5,813                    | 0        | 224,379          | 0                          | 0         | 29,060  |    | 0 0                 | 259,252            |
| Total F  | Program Expenditure                                    |       |       |      | 392,232 | 473,181 | 457,170    | 472,669    | 452,556  | 2,247,808          | 2,297,722          | 4,545,530          | 0                                     | (                  | 384,837                  | 04       | 4,084,924        | 0                          | 0         | 75,769  |    | 0 0                 | 4,545,530          |

Report 7C

Report Phase 2 - Program 10 Water Program Program Phase 2 Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's)

#### Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

#### Water Program

|   | c       | urrent and | Future Ye | ar Cash F | low Comr | nitments ar        | nd Estimate        | s                  |                                       | Curren               | t and Future `          | Year Cas | h Flow C         | ommitme                    | nts and I | Estimates | Financed By                   |                      |
|---|---------|------------|-----------|-----------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|-------------------------|----------|------------------|----------------------------|-----------|-----------|-------------------------------|----------------------|
| Sub-         Project No.         Project Name           Priority SubProj No.         Sub-project Name         Ward Stat. Cat. | 2017    | 2018       | 2019      | 2020      | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal D<br>Subsidy | evelopment<br>Charges R | eserves  | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2    | Debt -<br>Recoverable<br>Debt | • Total<br>Financing |
| Financed By:  |         |            |           |           |          |                    |                    |                    |                                       |                      |                         |          |                  |                            |           |           |                               |                      |
| Development Charges   | 25,211  | 41,791     | 41,289    | 38,648    | 29,333   | 176,272            | 208,565            | 384,837            | 0                                     | 0                    | 384,837                 | 0        | 0                | 0                          | C         | 0 0       | 0                             | 0 384,837            |
| Reserve Funds (Ind."XR" Ref.)   | 349,987 | 421,253    | 405,935   | 427,742   | 416,235  | 2,021,152          | 2,063,772          | 4,084,924          | 0                                     | 0                    | 0                       | 04       | ,084,924         | 0                          | C         | 0 0       | 0                             | 0 4,084,924          |
| Other2 (External)   | 17,034  | 10,137     | 9,946     | 6,279     | 6,988    | 50,384             | 25,385             | 75,769             | 0                                     | 0                    | 0                       | 0        | 0                | 0                          | C         | 75,769    | 0                             | 0 75,769             |
| Total Program Financing   | 392,232 | 473,181    | 457,170   | 472,669   | 452,556  | 2,247,808          | 2,297,722          | 4,545,530          | 0                                     | 0                    | 384,837                 | 04       | ,084,924         | 0                          | C         | ) 75,769  | 0                             | 0 4,545,530          |

#### Status Code Description

S2 S2 Prior Year (With 2017 and\or Future Year Cashflow)

S3 Prior Year - Change of Scope 2017 and\or Future Year Cost\Cashflow) S3

S4 New - Stand-Alone Project (Current Year Only) S4

S5 S5 New (On-going or Phased Projects)

S6 S6 New - Future Year (Commencing in 2018 & Beyond)

#### Category Code Description

01 Health and Safety C01

Legislated C02 02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

06 Reserved Category 1 C06 07

Reserved Category 2 C07

Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|   |         |   |      |       |      |        | Curre | ent and Fu | uture Year | Cash Flov | w Commitr          | nents              |                    |                                       | Cur                  | rent and F             | uture Year | Cash Flo         | w Comm                     | itments I | Financed | Ву                    |   |                    |
|---|---------|---|------|-------|------|--------|-------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|------------|------------------|----------------------------|-----------|----------|-----------------------|---|--------------------|
|   | ritySub | , ,   | Ward | Stat. | Cat. | 2017   | 2018  | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2   | Deb<br>Recove<br>Debt |   | Total<br>Financing |
|   |         | ASHBRIDGES BAY WWTP REHAB                             | 0.14 |       |      | -      |       |            |            |           | _                  |                    |                    |                                       |                      |                        |            | -                |                            |           |          |                       |   |                    |
| 0 | 17      | STANDBY POWER GENERATION                              | CW   | S2    | 04   | 5      | 0     | 0          | 0          | 0         | 5                  | 0                  | 5                  | 0                                     | 0                    | 0                      | 0          | 5                | 0                          | ) (       | ) 0      | 0                     | 0 | 5                  |
| 0 | 19      | FERROUS UPGRADES                                      | CW   | S2    | 03   | 15,695 | 5,853 | 5,955      | 0          | 0         | 27,503             | 0                  | 27,503             | 0                                     | 0                    | 2,224                  | 0          | 25,279           | 0                          | ) (       | 0 0      | 0                     | 0 | 27,503             |
| 0 | 30      | ELECTRICAL REHAB - ECAP                               | CW   | S2    | 01   | 4,542  | 1,710 | 35         | 0          | 0         | 6,287              | 0                  | 6,287              | 0                                     | 0                    | 0                      | 0          | 6,287            | 0                          | ) (       | 0 0      | 0                     | 0 | 6,287              |
| 0 | 41      | POLYMER UPGRADE                                       | CW   | S2    | 03   | 1,362  | 3,632 | 13,500     | 15,500     | 15,022    | 49,016             | 14,164             | 63,180             | 0                                     | 0                    | 0                      | 0          | 63,180           | 0                          | ) (       | 0 0      | 0                     | o | 63,180             |
| 0 | 46      | REHAB OF GROUNDS & BUILDINGS                          | CW   | S2    | 03   | 10     | 0     | 0          | 0          | 0         | 10                 | 0                  | 10                 | 0                                     | 0                    | 0                      | 0          | 10               | 0                          | ) (       | ) 0      | 0                     | 0 | 10                 |
| 0 | 47      | P BLDG HEADWORKS ENG<br>DESIGN&CONTRACT ADMIN         | CW   | S2    | 03   | 1,252  | 1,146 | 250        | 49         | 0         | 2,697              | 0                  | 2,697              | 0                                     | 0                    | 217                    | 0          | 2,480            | 0                          | ) (       | ) 0      | 0                     | 0 | 2,697              |
| 0 | 49      | PROCESS UPGRADES & ODOUR<br>CONTROL ENGINEERING       | CW   | S2    | 04   | 193    | 0     | 0          | 0          | 0         | 193                | 0                  | 193                | 0                                     | 0                    | 15                     | 0          | 178              | 0                          | ) (       | 0 0      | 0                     | 0 | 193                |
| 0 | 189     | PROCESS AND EQUIPMENT                                 | CW   | S2    | 03   | 1,796  | 26    | 27         | 0          | 0         | 1,849              | 0                  | 1,849              | 0                                     | 0                    | 0                      | 0          | 1,849            | 0                          | ) (       | 0 0      | 0                     | 0 | 1,849              |
| 0 | 190     | GROUND AND FACILITIES                                 | CW   | S2    | 03   | 445    | 0     | 0          | 0          | 0         | 445                | 0                  | 445                | 0                                     | 0                    | 0                      | 0          | 445              | 0                          | ) (       | 0 0      | 0                     | 0 | 445                |
| 0 | 200     | PROCESS AND FACILTIES - FUTURE                        | CW   | S6    | 03   | 0      | 0     | 0          | 400        | 1,940     | 2,340              | 9,700              | 12,040             | 0                                     | 0                    | 0                      | 0          | 12,040           | 0                          | ) (       | 0 0      | 0                     | 0 | 12,040             |
| 0 | 215     | DIGESTERS CLEANING REHAB - TANKS<br>14, 16, 13        | CW   | S2    | 03   | 3,365  | 3,104 | 2,104      | 3,104      | 1,030     | 12,707             | 8                  | 12,715             | 0                                     | 0                    | 0                      | 0          | 12,715           | 0                          | ) (       | ) 0      | 0                     | 0 | 12,715             |
| 0 | 216     | OPERATIONS CENTRE - ENGINEERING                       | CW   | S2    | 03   | 400    | 0     | 0          | 0          | 0         | 400                | 0                  | 400                | 0                                     | 0                    | 0                      | 0          | 400              | 0                          | ) (       | 0 0      | 0                     | 0 | 400                |
| 0 | 225     | DIGESTER CLEANING & UPGRADES -<br>FUTURE              | CW   | S6    | 03   | 0      | 0     | 0          | 0          | 100       | 100                | 38,350             | 38,450             | 0                                     | 0                    | 0                      | 0          | 38,450           | 0                          | ) (       | 0 0      | 0                     | 0 | 38,450             |
| 0 | 226     | ABTP - PROCESS ROADMAP PHASE 2                        | CW   | S2    | 05   | 1,225  | 500   | 250        | 0          | 0         | 1,975              | 0                  | 1,975              | 0                                     | 0                    | 0                      | 0          | 1,975            | 0                          | ) (       | 0 0      | 0                     | 0 | 1,975              |
| 0 | 227     | AIR HEADER REHAB                                      | CW   | S2    | 03   | 727    | 1,700 | 0          | 0          | 0         | 2,427              | 0                  | 2,427              | 0                                     | 0                    | 0                      | 0          | 2,427            | 0                          | ) (       | 0 0      | 0                     | 0 | 2,427              |
| 0 | 229     | D BUILDING PHASE 2                                    | CW   | S2    | 03   | 502    | 2,340 | 2,340      | 2,300      | 2,300     | 9,782              | 2,320              | 12,102             | 0                                     | 0                    | 0                      | 0          | 12,102           | 0                          | ) (       | 0 0      | 0                     | 0 | 12,102             |
| 0 | 247     | HEATING AND AIR SYSTEMS<br>ASSESSMENT                 | CW   | S2    | 03   | 590    | 250   | 0          | 0          | 0         | 840                | 0                  | 840                | 0                                     | 0                    | 0                      | 0          | 840              | 0                          | ) (       | 0 0      | 0                     | 0 | 840                |
| 0 | 248     | SOILS MANAGEMENT PLAN                                 | CW   | S2    | 03   | 200    | 100   | 0          | 0          | 0         | 300                | 0                  | 300                | 0                                     | 0                    | 0                      | 0          | 300              | 0                          | ) (       | 0 0      | 0                     | 0 | 300                |
| 0 | 255     | FINAL TANK UPGRADES - TANKS 10 & 11                   | CW   | S6    | 03   | 0      | 100   | 1,700      | 1,700      | 500       | 4,000              | 0                  | 4,000              | 0                                     | 0                    | 0                      | 0          | 4,000            | 0                          | ) (       | 0 0      | 0                     | 0 | 4,000              |
| 0 | 256     | DIGESTER CLEANING - 10 YEAR PLAN                      | CW   | S6    | 03   | 0      | 0     | 450        | 350        | 2,200     | 3,000              | 6,400              | 9,400              | 0                                     | 0                    | 0                      | 0          | 9,400            | 0                          | ) (       | 0 0      | 0                     | 0 | 9,400              |
| 0 | 264     | HVAC CONVERSION Z-BLDG                                | CW   | S2    | 03   | 1,860  | 1,500 | 0          | 0          | 0         | 3,360              | 0                  | 3,360              | 0                                     | 0                    | 0                      | 0          | 3,360            | 0                          | ) (       | 0 0      | 0                     | 0 | 3,360              |
| 0 | 265     | P BLDG HEADWORKS ENG<br>DESIGN&CONTRACT ADMIN-2017 SC | CW   | S3    | 03   | 398    | 714   | 1,280      | 201        | 49        | 2,642              | 0                  | 2,642              | o                                     | 0                    | 213                    | 0          | 2,429            | 0                          | ) (       | ) 0      | 0                     | 0 | 2,642              |
| 0 | 266     | PROCESS AND EQUIPMENT-2017 SC                         | CW   | S3    | 03   | -563   | 1,756 | 1,100      | 1,100      | 0         | 3,393              | 0                  | 3,393              | 0                                     | 0                    | 0                      | 0          | 3,393            | 0                          | ) (       | 0 0      | 0                     | 0 | 3,393              |
| 0 | 267     | GROUND AND FACILITIES-2017 SC                         | CW   | S3    | 03   | -4     | 440   | 440        | 440        | 0         | 1,316              | 0                  | 1,316              | 0                                     | 0                    | 0                      | 0          | 1,316            | 0                          | ) (       | ) 0      | 0                     | 0 | 1,316              |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |   |              |        |         |      |        | Curre  | ent and Fu | uture Year | Cash Flo | w Commitm          | nents              |                    |                                       | Cur                  | rent and Fu            | ture Year | Cash Flo         | w Comm                     | itments I | Financed | Ву  |                    |                    |
|--------------------|--------|---|--------------|--------|---------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|-----------|------------------|----------------------------|-----------|----------|-----|--------------------|--------------------|
| <u>Sub</u><br>Pric |        | ject No. <u>Project Name</u><br>Proj No. Sub-project Name | e V          | Vard S | Stat. ( | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges | Reserves  | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2   | Rec | Debt -<br>overable | Total<br>Financing |
| -                  |        | ASHBRIDGES BAY WWTP RE                                    |              |        |         |      |        |        |            |            |          |                    |                    |                    | Cabbilaice                            |                      |                        |           |                  |                            |           |          |     |                    |                    |
| 0                  | 269    | NEW FLEET PURCHASES-20                                    | )17 SC       | CW     | S3      | 04   | 80     | 0      | 0          | 0          | 0        | 80                 | 0                  | 80                 | 0                                     | 0                    | 0                      | 0         | 80               | 0                          | 0         | ) 0      | 0   | 0                  | 80                 |
| 0                  | 270    | SOILS MANAGEMENT PLAN-                                    | 2017 SC      | CW     | S3      | 03   | -200   | -100   | 0          | 0          | 0        | -300               | 0                  | -300               | 0                                     | 0                    | 0                      | 0         | -300             | 0                          | 0         | ) 0      | 0   | 0                  | -300               |
| 0                  | 272    | FERROUS UPGRADES - 2017                                   | 7 SC         | CW     | S3      | 03   | -8,315 | 5,495  | 3,275      | 0          | 0        | 455                | 0                  | 455                | 0                                     | 0                    | 27                     | 0         | 428              | 0                          | 0         | ) 0      | 0   | 0                  | 455                |
| 0                  | 273    | ELECTRICAL REHAB - ECAP-                                  | - 2017 SC    | CW     | S3      | 01   | -1,375 | 1,718  | -3         | 0          | 0        | 340                | 0                  | 340                | 0                                     | 0                    | 0                      | 0         | 340              | 0                          | 0         | ) 0      | 0   | 0                  | 340                |
| 0                  | 274    | REHAB OF GROUNDS & BUIL<br>SC                             | LDINGS- 2017 | CW     | S3      | 03   | 0      | 472    | 0          | 0          | 0        | 472                | 0                  | 472                | 0                                     | 0                    | 0                      | 0         | 472              | 0                          | 0         | ) 0      | 0   | 0                  | 472                |
| 0                  | 275    | PROCESS UPGRADES & OD<br>CONTROL ENG- 2017 SC             | OUR          | CW     | S3      | 04   | -93    | 105    | 0          | 0          | 0        | 12                 | 0                  | 12                 | 0                                     | 0                    | 1                      | 0         | 11               | 0                          | 0         | ) 0      | 0   | 0                  | 12                 |
| 0                  | 276    | POLYMER UPGRADE- 2017 S                                   | SC           | CW     | S3      | 03   | -12    | 3,000  | 8,000      | 6,000      | 6,000    | 22,988             | 7,000              | 29,988             | 0                                     | 0                    | 0                      | 0         | 29,988           | 0                          | 0         | ) 0      | 0   | 0                  | 29,988             |
| 0                  | 277    | OPERATIONS CENTRE - ENG<br>2017 SC                        | GINEERING-   | CW     | S3      | 03   | -100   | 400    | 0          | 0          | 0        | 300                | 0                  | 300                | 0                                     | 0                    | 0                      | 0         | 300              | 0                          | 0         | ) 0      | 0   | 0                  | 300                |
| 0                  | 278    | ABTP - PROCESS ROADMAP<br>2017 SC                         | PHASE 2-     | CW     | S3      | 05   | -975   | 500    | 250        | 250        | 0        | 25                 | 0                  | 25                 | 0                                     | 0                    | 0                      | 0         | 25               | 0                          | 0         | ) 0      | 0   | 0                  | 25                 |
| 0                  | 279    | AIR HEADER REHAB- 2017 S                                  | SC           | CW     | S3      | 03   | 450    | 820    | 0          | 0          | 0        | 1,270              | 0                  | 1,270              | 0                                     | 0                    | 0                      | 0         | 1,270            | 0                          | 0         | ) 0      | 0   | 0                  | 1,270              |
| 0                  | 280    | D BUILDING PHASE 2- 2017 S                                | SC           | CW     | S3      | 03   | 322    | -1,330 | 8,860      | 8,700      | 8,700    | 25,252             | 9,190              | 34,442             | 0                                     | 0                    | 0                      | 0         | 34,442           | 0                          | (         | ) 0      | 0   | 0                  | 34,442             |
| 0                  | 281    | HEATING AND AIR SYSTEMS<br>ASSESSMENT- 2017 SC            | 3            | CW     | S3      | 03   | -90    | 100    | 0          | 0          | 0        | 10                 | 0                  | 10                 | 0                                     | 0                    | 0                      | 0         | 10               | 0                          | (         | ) 0      | 0   | 0                  | 10                 |
| 0                  | 282    | HVAC CONVERSION Z-BLDG                                    | - 2017 SC    | CW     | S3      | 03   | -860   | 0      | 1,013      | 0          | 0        | 153                | 0                  | 153                | 0                                     | 0                    | 0                      | 0         | 153              | 0                          | (         | ) 0      | 0   | 0                  | 153                |
| 0                  | 283    | ELECTRICAL REHAB - FUTUR                                  | RE           | CW     | S6      | 03   | 0      | 0      | 0          | 0          | 0        | 0                  | 2,500              | 2,500              | 0                                     | 0                    | 0                      | 0         | 2,500            | 0                          | (         | ) 0      | 0   | 0                  | 2,500              |
| 0                  | 284    | OPERATIONS CENTRE - ENG<br>CONSTRUCTION                   | GINEERING &  | CW     | S6      | 04   | 0      | 200    | 200        | 400        | 5,500    | 6,300              | 5,500              | 11,800             | 0                                     | 0                    | 0                      | 0         | 11,800           | 0                          | 0         | ) 0      | 0   | 0                  | 11,800             |
| 0                  | 285    | BLOWER 7-9 OVERHAUL                                       |              | CW     | S4      | 03   | 800    | 500    | 0          | 0          | 0        | 1,300              | 0                  | 1,300              | 0                                     | 0                    | 0                      | 0         | 1,300            | 0                          |           | ) 0      | 0   | 0                  | 1,300              |
| 0                  | 286    | STANDBY POWER GENERAT                                     | FION- 2017   | CW     | S3      | 04   | 15     | 18     | 0          | 0          | 0        | 33                 | 0                  | 33                 | 0                                     | 0                    | 3                      | 0         | 30               | 0                          | (         | ) 0      | 0   | 0                  | 33                 |
|                    |        | Sub-total   |              |        |         |      | 23,647 | 36,769 | 51,026     | 40,494     | 43,341   | 195,277            | 95,132             | 290,409            | 0                                     | 0                    | 2,700                  | 0         | 287,709          | 0                          | 0         | ) 0      | 0   | 0                  | 290,409            |
| WAS                | 000115 | HUMBER T.P.   |              |        |         |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |           |                  |                            |           |          |     |                    |                    |
| 0                  | 9      | CO-GENERATION   |              | CW     | S2      | 04   | 335    | 109    | 0          | 0          | 0        | 444                | 0                  | 444                | 0                                     | 0                    | 0                      | 0         | 444              | 0                          | 0         | ) 0      | 0   | 0                  | 444                |
| 0                  | 62     | CO-GENERATION- 2017 SC                                    |              | CW     | S3      | 04   | -135   | 150    | 0          | 0          | 0        | 15                 | 0                  | 15                 | 0                                     | 0                    | 0                      | 0         | 15               | 0                          | 0         | ) 0      | 0   | 0                  | 15                 |
|                    |        | Sub-total   |              |        |         | Ī    | 200    | 259    | 0          | 0          | 0        | 459                | 0                  | 459                | 0                                     | 0                    | 0                      | 0         | 459              | 0                          | (         | ) ()     | 0   | 0                  | 459                |
| WAS                | 000259 | TRUNK SEWER SYSTEM  |              |        |         | ſ    |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |           |                  |                            |           |          |     |                    |                    |
| 0                  | 15     | TRUNK SEWER REHABILITA                                    | TION - 2012  | CW     | S2      | 03   | 1,643  | 748    | 101        | 29         | 0        | 2,521              | 0                  | 2,521              | 0                                     | 0                    | 0                      | 0         | 2,521            | 0                          | 0         | ) 0      | 0   | 0                  | 2,521              |

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                       |                   | - 9   |       |       |      |         |        |            |            |          |                    |                    |                    |                                       |                      |                        |                        |                                |          |         |       |                             |                      |
|-----------------------|-------------------|---|-------|-------|------|---------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|------------------------|--------------------------------|----------|---------|-------|-----------------------------|----------------------|
|                       |                   |   |       |       |      |         | Curr   | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                  | rent and Fu            | uture Year Cash        | Flow Com                       | mitments | Finance | ed By |                             |                      |
| <u>Sub-</u><br>Priori | -                 | <ul> <li><u>Project Name</u></li> <li>Sub-project Name</li> </ul> | Ward  | Stat. | Cat. | 2017    | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reser<br>Reserves Fund | Capita<br>ve from<br>Is Curren |          | Other:  | 2 De  | Debt -<br>Recoverabl<br>ebt | e Total<br>Financing |
|                       |                   | K SEWER SYSTEM  |       |       |      |         |        |            |            |          |                    |                    |                    |                                       |                      |                        |                        |                                |          |         |       |                             |                      |
| 0                     |                   | CREEK STS DESIGN & TRUCTION                                       | CW    | S6    | 05   | 0       | 400    | 1,100      | 2,750      | 9,300    | 13,550             | 174,450            | 188,000            | O                                     | 0                    | 63,748                 | 0 124,                 | 252                            | 0        | 0       | 0     | 0                           | 188,000              |
| 0                     | 27 TRUN           | K SEWER REHABILITATION - 2014                                     | CW    | S2    | 03   | 38,206  | 7,567  | 1,810      | 10         | 0        | 47,593             | 0                  | 47,593             | a                                     | 0                    | 0                      | 0 47,                  | 593                            | 0        | 0       | 0     | 0                           | 47,593               |
| 0                     | 34 BLACI          | K CREEK STS EA  | CW    | S2    | 05   | 1,177   | 0      | 0          | 0          | 0        | 1,177              | 0                  | 1,177              | o                                     | 0                    | 0                      | 0 1,                   | 177                            | 0        | 0       | 0     | 0                           | 1,177                |
| 0                     | 36 TRUN<br>FORE   | K SEWER REPLACEMENT -<br>CAST                                     | CW    | S6    | 03   | 0       | 150    | 400        | 550        | 5,275    | 6,375              | 20,247             | 26,622             | o                                     | 0                    | 0                      | 0 26,                  | 622                            | 0        | 0       | 0     | 0                           | 26,622               |
| 0                     | 47 TRUN           | K SEWER REHABILITATION - 2016                                     | 6 CW  | S2    | 03   | 3,590   | 19,175 | 11,770     | 240        | 10       | 34,785             | 0                  | 34,785             | C                                     | 0                    | 0                      | 0 34,                  | 785                            | 0        | 0       | 0     | 0                           | 34,785               |
| 0                     |                   | K SEWER REHABILITATION -<br>2017 SC                               | CW    | S3    | 03   | -14,767 | 13,454 | 6,526      | 1,342      | 10       | 6,565              | 0                  | 6,565              | C                                     | 0                    | 0                      | 0 6,                   | 565                            | 0        | 0       | 0     | 0                           | 6,565                |
| 0                     |                   | K SEWER REHABILITATION -<br>2017 SC                               | CW    | S3    | 03   | 260     | 3,171  | 258        | 492        | 4        | 4,185              | 0                  | 4,185              | C                                     | 0                    | 0                      | 0 4,                   | 185                            | 0        | 0       | 0     | 0                           | 4,185                |
| 0                     | 52 TRUN<br>2017 S | K SEWER REHABILITATION - 2012<br>SC                               | 2- CW | S3    | 03   | 430     | 755    | 318        | -1         | 15       | 1,517              | 0                  | 1,517              | O                                     | 0                    | 0                      | 0 1,                   | 517                            | 0        | 0       | 0     | 0                           | 1,517                |
| 0                     | 53 TRUN           | K SEWER REHABILITATION - 2018                                     | B CW  | S4    | 03   | 1,375   | 2,860  | 12,405     | 29,504     | 29,906   | 76,050             | 28,081             | 104,131            | O                                     | 0                    | 0                      | 0 104,                 | 131                            | 0        | 0       | 0     | 0                           | 104,131              |
| 0                     | 54 BLACI          | K CREEK STS EA- 2017 SC   | CW    | S3    | 05   | -422    | 455    | 0          | 0          | 0        | 33                 | 0                  | 33                 | O                                     | 0                    | 0                      | 0                      | 33                             | 0        | 0       | 0     | 0                           | 33                   |
| 0                     | 55 TRUN<br>FORE   | K SEWER REHABILITATION -<br>CAST                                  | CW    | S6    | 03   | 0       | 0      | 0          | 55         | 55       | 110                | 149,802            | 149,912            | 0                                     | 0                    | 0                      | 0 149,                 | 912                            | 0        | 0       | 0     | 0                           | 149,912              |
|                       |                   | Sub-total   |       |       |      | 31,492  | 48,735 | 34,688     | 34,971     | 44,575   | 194,461            | 372,580            | 567,041            | 0                                     | 0                    | 63,748                 | 0 503,                 | 293                            | 0        | 0       | 0     | 0                           | 0 567,041            |
| WAS0                  | 00442 BASE        | MENT FLOODING RELIEF  |       |       |      |         |        |            |            |          |                    |                    |                    |                                       |                      |                        |                        |                                |          |         |       |                             |                      |
| 0                     |                   | MENT FLOODING PROTECTION<br>IDY PROGRAM                           | CW    | S2    | 04   | 5,500   | 5,500  | 0          | 0          | 0        | 11,000             | 0                  | 11,000             | C                                     | 0                    | 0                      | 0 11,                  | 000                            | 0        | 0       | 0     | 0                           | 11,000               |
| 0                     | 8 BASE            | MENT FLOODING STUDIES & EAS                                       | CW    | S2    | 04   | 920     | 756    | 200        | 200        | 0        | 2,076              | 0                  | 2,076              | O                                     | 0                    | 0                      | 0 2,                   | 076                            | 0        | 0       | 0     | 0                           | 2,076                |
| 0                     | 9 BASE<br>PROJ    | MENT FLOODING RELIEF - TUNNE<br>ECT                               | EL CW | S2    | 04   | 5,050   | 7,000  | 35,000     | 35,000     | 35,000   | 117,050            | 55,000             | 172,050            | O                                     | 0                    | 0                      | 0 172,                 | 050                            | 0        | 0       | 0     | 0                           | 172,050              |
| 0                     | 12 ROAD<br>PRJS   | RESTORATION FOR BSMT FLDG   | CW    | S2    | 04   | 515     | 0      | 0          | 0          | 0        | 515                | 0                  | 515                | C                                     | 0                    | 0                      | 0                      | 515                            | 0        | 0       | 0     | 0                           | 515                  |
| 0                     | 14 BASE<br>1      | MENT FLOODING DESIGN - GROU                                       | JP CW | S2    | 04   | 1,170   | 1,136  | 0          | 0          | 0        | 2,306              | 0                  | 2,306              | C                                     | 0                    | 0                      | 0 2,                   | 306                            | 0        | 0       | 0     | 0                           | 2,306                |
| 0                     | 18 BASE<br>2      | MENT FLOODING DESIGN - GROU                                       | JP CW | S2    | 04   | 4,108   | 2,456  | 0          | 0          | 0        | 6,564              | 0                  | 6,564              | C                                     | 0                    | 0                      | 0 6,                   | 564                            | 0        | 0       | 0     | 0                           | 6,564                |
| 0                     | 2                 | MENT FLOODING RELIEF - GROU                                       |       |       | 04   | 60,405  | 37,752 | 26,004     | 6,243      | 1,000    | 131,404            | 0                  | 131,404            | C                                     | 0                    | 0                      | 0 131,                 | 404                            | 0        | 0       | 0     | 0                           | 131,404              |
| 0                     | 20 BASE<br>3      | MENT FLOODING DESIGN - GROU                                       | JP CW | S2    | 04   | 4,458   | 2,644  | 268        | 20         | 0        | 7,390              | 0                  | 7,390              | C                                     | 0                    | 0                      | 0 7,                   | 390                            | 0        | 0       | 0     | 0                           | 7,390                |
| 0                     | 29 BASE<br>1      | MENT FLOODING RELIEF - GROU                                       | P CW  | S2    | 04   | 2,268   | 55     | 0          | 0          | 0        | 2,323              | 0                  | 2,323              | C                                     | 0                    | 0                      | 0 2,                   | 323                            | 0        | 0       | 0     | 0                           | 2,323                |
| 0                     | 52 BASE           | MENT FLOODING RELIEF - FUTUR                                      | RE CW | S6    | 04   | 0       | 0      | 0          | 0          | 0        | 0                  | 164,200            | 164,200            | C                                     | 0                    | 0                      | 0 164,                 | 200                            | 0        | 0       | 0     | 0                           | 164,200              |
| 0                     |                   | MENT FLOODING FLOW<br>FORING                                      | CW    | S2    | 04   | 1,614   | 1,500  | 1,500      | 1,500      | 500      | 6,614              | 0                  | 6,614              | C                                     | 0                    | 0                      | 0 6,                   | 614                            | 0        | 0       | 0     | 0                           | 6,614                |
|                       |                   |   |       |       |      |         |        |            |            |          |                    |                    |                    |                                       |                      |                        |                        |                                |          |         |       |                             |                      |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                        |     |   |        |       |      |         | Curr    | ent and Fi | uture Year | Cash Flov | w Commitr          | nents              |                    |                                       | Cur                | rent and F             | uture Year | Cash Flo         | w Comm                     | itments  | inanced | By                  |                |                    |
|------------------------|-----|---|--------|-------|------|---------|---------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|----------|---------|---------------------|----------------|--------------------|
|                        |     |   |        |       |      |         | oun     |            |            | Guoinnio  |                    |                    |                    |                                       | Gui                | Tent and T             | uture real | Casilino         |                            | litiliti | maneeu  |                     |                |                    |
| <u>Sub-</u><br>Priorit |     | <u>ect No.</u> <u>Project Name</u><br>Proj No. Sub-project Name V | Vard 3 | Stat. | Cat. | 2017    | 2018    | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1  | Other2  | De<br>Recov<br>Debt | bt -<br>erable | Total<br>Financing |
| -                      |     | BASEMENT FLOODING RELIEF  |        |       |      |         |         |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |          |         |                     |                |                    |
| 0                      | 77  | BASEMENT FLOODING DESIGN - GROUP<br>4 (ENGINEERING)               | CW     | S2    | 04   | 11,794  | 17,820  | 21,560     | 21,930     | 21,930    | 95,034             | 57,279             | 152,313            | 0                                     | 0                  | 0                      | 0          | 152,313          | 0                          |          | 0 0     | 0                   | 0              | 152,313            |
| 0                      | 31  | BASEMENT FLOODING STUDIES &<br>EAS-CW IMPLEMENTATION              | CW     | S2    | 04   | 10,755  | 5,500   | 0          | 0          | 0         | 16,255             | 0                  | 16,255             | o                                     | 0                  | 0                      | 0          | 16,255           | 0                          | 0        | 0 0     | 0                   | 0              | 16,255             |
| 0                      | 34  | 10 YEAR BASEMENT FLOODING<br>STUDIES & EAs                        | CW     | S6    | 04   | 0       | 79      | 4,081      | 4,083      | 4,286     | 12,529             | 17,471             | 30,000             | 0                                     | 0                  | 0                      | 0          | 30,000           | 0                          | 0        | 0 0     | 0                   | 0              | 30,000             |
| 0 8                    | 35  | 10 YEAR BASEMENT FLOODING FLOW<br>MONITORING                      | CW     | S6    | 04   | 0       | 0       | 0          | 0          | 750       | 750                | 3,750              | 4,500              | 0                                     | 0                  | 0                      | 0          | 4,500            | 0                          | 0        | 0       | 0                   | 0              | 4,500              |
| 0 8                    | 39  | BASEMENT FLOODING RELIEF - GROUP<br>4 (CONSTRUCTION)              | CW     | S4    | 04   | 10,788  | 36,775  | 66,350     | 72,859     | 85,700    | 272,472            | 494,806            | 767,278            | 0                                     | 0                  | 0                      | 0          | 767,278          | 0                          | 0        | 0       | 0                   | 0              | 767,278            |
| 0 9                    | 90  | NEW - REFRESHING EXPIRED EA`S                                     | CW     | S6    | 04   | 0       | 0       | 800        | 600        | 300       | 1,700              | 8,500              | 10,200             | 0                                     | 0                  | 0                      | 0          | 10,200           | 0                          | 0        | 0 0     | 0                   | 0              | 10,200             |
| 0 9                    | 91  | BASEMENT FLOODING DESIGN - GROUP 5                                | CW     | S6    | 04   | 0       | 0       | 0          | 0          | 0         | 0                  | 62,000             | 62,000             | 0                                     | 0                  | 0                      | 0          | 62,000           | 0                          | 0        | ) 0     | 0                   | 0              | 62,000             |
| 0 9                    | 93  | BASEMENT FLOODING PROTECTION<br>SUBSIDY PROG - FUTURE             | CW     | S6    | 04   | 0       | 0       | 0          | 5,500      | 5,500     | 11,000             | 27,500             | 38,500             | 0                                     | 0                  | 0                      | 0          | 38,500           | 0                          | (        | 0       | 0                   | 0              | 38,500             |
| 0                      | 102 | BASEMENT FLOODING DESIGN - GROUP<br>1-2017 SC                     | CW     | S3    | 04   | -569    | -997    | 1,075      | 0          | 0         | -491               | 0                  | -491               | 0                                     | 0                  | 0                      | 0          | -491             | 0                          | 0        | 0       | 0                   | 0              | -491               |
| 0                      | 103 | BASEMENT FLOODING RELIEF - TUNNEL<br>PROJECT-2017 SC              | CW     | S3    | 04   | -4,500  | -3,545  | -33,455    | -27,100    | 0         | -68,600            | 70,000             | 1,400              | 0                                     | 0                  | 0                      | 0          | 1,400            | 0                          | (        | 0 0     | 0                   | 0              | 1,400              |
| 0                      | 104 | BASEMENT FLOODING RELIEF - GROUP<br>2-2017 SC                     | CW     | S3    | 04   | -42,348 | -28,120 | -15,077    | 10,302     | 6,500     | -68,743            | 0                  | -68,743            | 0                                     | 0                  | 0                      | 0          | -68,743          | 0                          | 0        | 0       | 0                   | 0              | -68,743            |
| 0                      | 105 | BASEMENT FLOODING DESIGN - GROUP<br>3-2017 SC                     | CW     | S3    | 04   | -2,030  | -76     | 41         | 2,300      | 0         | 235                | 0                  | 235                | 0                                     | 0                  | 0                      | 0          | 235              | 0                          | 0        | 0       | 0                   | 0              | 235                |
| 0                      | 106 | BASEMENT FLOODING DESIGN - GROUP<br>4 ENG-2017 SC                 | CW     | S3    | 04   | 5,378   | -1,305  | -6,130     | -5,595     | -7,660    | -15,312            | -4,995             | -20,307            | 0                                     | 0                  | 0                      | 0          | -20,307          | 0                          | (        | 0       | 0                   | 0              | -20,307            |
| 0                      | 107 | BASEMENT FLOODING RELIEF - GROUP<br>3 (CONSTRUCTION)              | CW     | S4    | 04   | 8,486   | 13,164  | 7,840      | 6,388      | 5,000     | 40,878             | 0                  | 40,878             | 0                                     | 0                  | 0                      | 0          | 40,878           | 0                          | (        | 0       | 0                   | 0              | 40,878             |
| 0                      | 108 | LIDAR PURCHASE  | CW     | S4    | 04   | 1,000   | 0       | 0          | 0          | 0         | 1,000              | 0                  | 1,000              | 0                                     | 0                  | 0                      | 0          | 1,000            | 0                          | 0        | 0       | 0                   | 0              | 1,000              |
| 0                      | 109 | REAL ESTATE - IDC   | CW     | S4    | 04   | 63      | 131     | 0          | 0          | 0         | 194                | 0                  | 194                | 0                                     | 0                  | 0                      | 0          | 194              | 0                          | (        | 0 0     | 0                   | 0              | 194                |
| 0                      | 110 | BASEMENT FLOODING PROTECTION<br>SUBSIDY PROG- 2017 SC             | CW     | S3    | 04   | 0       | 0       | 5,500      | 0          | 0         | 5,500              | 0                  | 5,500              | 0                                     | 0                  | 0                      | 0          | 5,500            | 0                          | 0        | 0       | 0                   | 0              | 5,500              |
| 0                      | 111 | BASEMENT FLOODING STUDIES & EAS-<br>2017 SC                       | CW     | S3    | 04   | 215     | 249     | 0          | 0          | 100       | 564                | 0                  | 564                | 0                                     | 0                  | 0                      | 0          | 564              | 0                          | 0        | ) 0     | 0                   | 0              | 564                |
| 0                      | 112 | BASEMENT FLOODING DESIGN - GROUP<br>2- 2017 SC                    | CW     | S3    | 04   | -2,810  | -1,821  | 2,390      | 2,000      | 0         | -241               | 0                  | -241               | 0                                     | 0                  | 0                      | 0          | -241             | 0                          | (        | 0       | 0                   | 0              | -241               |
| 0                      | 113 | BASEMENT FLOODING RELIEF - GROUP<br>1- 2017 SC                    | CW     | S3    | 04   | -2,207  | 1,511   | 55         | 0          | 0         | -641               | 0                  | -641               | o                                     | 0                  | 0                      | 0          | -641             | 0                          | 0        | 0       | 0                   | 0              | -641               |
| 0                      | 114 | ROAD RESTORATION FOR BSMT FLDG<br>PRJS- 2017 SC                   | CW     | S3    | 04   | -515    | 0       | 0          | 0          | 0         | -515               | 0                  | -515               | 0                                     | 0                  | 0                      | 0          | -515             | 0                          | 0        | 0       | 0                   | 0              | -515               |
| 0                      | 115 | BASEMENT FLOODING<br>STUDIES&EA`S-CW IMPLEMENT 2017SC             | CW     | S3    | 04   | -6,946  | -2,242  | 3,550      | 2,850      | 1,800     | -988               | 3,650              | 2,662              | 0                                     | 0                  | 0                      | 0          | 2,662            | 0                          | 0        | 0       | 0                   | 0              | 2,662              |
| 0                      |     | BASEMENT FLOODING FLOW<br>MONITORING- 2017 SC                     | CW     | S3    | 04   | -715    | -574    | -546       | -518       | -500      | -2,853             | 0                  | -2,853             | 0                                     | 0                  | 0                      | 0          | -2,853           | 0                          | 0        | 0 0     | 0                   | 0              | -2,853             |
|                        |     |   |        |       |      |         |         |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |          |         |                     |                |                    |

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|          | -  |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |                           |                            |          |          |                          |      |                   |
|----------|--|------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|---------------------------|----------------------------|----------|----------|--------------------------|------|-------------------|
|          |  |      |       |      |        | Curre  | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                  | rent and F             | uture Year Cash Flo       | w Comm                     | nitments | Financed | Ву                       |      |                   |
|          | oject No. <u>Project Name</u><br>ubProj No. Sub-project Name | Ward | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal (<br>Subsidy | Development<br>Charges | Reserve<br>Reserves Funds | Capital<br>from<br>Current | Other 1  | Other2   | Debt<br>Recovera<br>Debt | able | Total<br>inancing |
| WAS00044 | 2 BASEMENT FLOODING RELIEF                                   |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |                           |                            |          |          |                          |      |                   |
| 0 117    | REAL ESTATE - IDC (FUTURE)                                   | CW   | S6    | 04   | 0      | 0      | 138        | 145        | 152      | 435                | 883                | 1,318              | C                                     | 0                    | 0                      | 0 1,318                   | C                          | ) (      | 0 0      | 0                        | 0    | 1,318             |
|          | Sub-total  |      |       |      | 71,847 | 95,348 | 121,144    | 138,707    | 160,358  | 587,404            | 960,044            | 1,547,448          | 0                                     | 0                    | 0                      | 01,547,448                | (                          | ) (      | ) (      | 0                        | 0 1, | 547,448           |
| WAS00052 | 1 HIGHLAND CREEK WWTP - BUILDING SE                          | RV & |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |                           |                            |          |          |                          |      |                   |
| 03       | HCTP BLDG REHAB & IMPROVEMENTS                               | CW   | S2    | 03   | 1,326  | 4,000  | 1,742      | 0          | 0        | 7,068              | 0                  | 7,068              | O                                     | 0                    | 0                      | 0 7,068                   | C                          | ) (      | 0 0      | 0                        | 0    | 7,068             |
| 09       | HCTP BLDG REHAB &<br>IMPROVEMENTS-2017 SC                    | CW   | S3    | 03   | 1,674  | -674   | -1,112     | 0          | 0        | -112               | 0                  | -112               | C                                     | 0                    | 0                      | 0 -112                    | C                          | ) (      | 0 0      | 0                        | 0    | -112              |
|          | Sub-total  |      |       |      | 3,000  | 3,326  | 630        | 0          | 0        | 6,956              | 0                  | 6,956              | 0                                     | 0                    | 0                      | 0 6,956                   | C                          | ) (      | ) (      | 0                        | 0    | 6,956             |
| WAS90632 | 22 W&WW LABORATORIES   |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |                           |                            |          |          |                          |      |                   |
| 09       | LAB EQUIPMENT  | CW   | S2    | 03   | 188    | 207    | 0          | 0          | 0        | 395                | 0                  | 395                | C                                     | 0                    | 0                      | 0 395                     | C                          | ) (      | 0 0      | 0                        | 0    | 395               |
| 0 22     | LAB & EMP FACILITIES   | CW   | S6    | 04   | 0      | 0      | 0          | 0          | 0        | 0                  | 20,900             | 20,900             | o                                     | 0                    | 0                      | 0 20,900                  | C                          | ) (      | 0 0      | 0                        | 0    | 20,900            |
| 0 27     | LAB EQUIPMENT - FUTURE                                       | CW   | S6    | 03   | 0      | 0      | 0          | 0          | 0        | 0                  | 1,196              | 1,196              | O                                     | 0                    | 0                      | 0 1,196                   | C                          | ) (      | 0 0      | 0                        | 0    | 1,196             |
| 0 31     | LAB EQUIPMENT- 2017 SC                                       | CW   | S3    | 03   | 57     | 41     | 358        | 209        | 458      | 1,123              | 0                  | 1,123              | o                                     | 0                    | 0                      | 0 1,123                   | C                          | ) (      | 0 0      | 0                        | 0    | 1,123             |
|          | Sub-total  |      |       |      | 245    | 248    | 358        | 209        | 458      | 1,518              | 22,096             | 23,614             | 0                                     | 0                    | 0                      | 0 23,614                  | C                          | ) (      | ) (      | 0                        | 0    | 23,614            |
| WAS90632 | 8 SWM END OF PIPE FACILITIES                                 |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |                           |                            |          |          |                          |      |                   |
| 06       | DON VALLEY SWM   | CW   | S6    | 04   | 0      | 40     | 160        | 1,880      | 1,880    | 3,960              | 0                  | 3,960              | o                                     | 0                    | 318                    | 0 3,642                   | C                          | ) (      | 0 0      | 0                        | 0    | 3,960             |
| 0 10     | Etobicoke Waterfront Construction                            | CW   | S6    | 04   | 0      | 0      | 0          | 0          | 0        | 0                  | 122,660            | 122,660            | C                                     | 0                    | 9,871                  | 0 112,789                 | C                          | ) (      | 0 0      | 0                        | 0    | 122,660           |
| 0 11     | Bonar Creek SWMF Construction                                | CW   | S2    | 04   | 3,000  | 7,400  | 5,570      | 150        | 0        | 16,120             | 0                  | 16,120             | C                                     | 0                    | 1,296                  | 0 14,824                  | C                          | ) (      | 0 0      | 0                        | 0    | 16,120            |
| 0 12     | EARL BALES PARK SWM FACILITY -<br>PHASE 2                    | CW   | S2    | 04   | 1,475  | 0      | 0          | 0          | 0        | 1,475              | 0                  | 1,475              | O                                     | 0                    | 119                    | 0 1,356                   | C                          | ) (      | 0 0      | 0                        | 0    | 1,475             |
| 0 38     | COATSWORTH CUT WETLAND                                       | CW   | S6    | 04   | 0      | 0      | 0          | 0          | 300      | 300                | 9,960              | 10,260             | 0                                     | 0                    | 826                    | 0 9,434                   | C                          | ) (      | 0 0      | 0                        | 0    | 10,260            |
| 0 57     | Scarborough Waterfront Construction                          | CW   | S2    | 04   | 0      | 0      | 0          | 0          | 1,150    | 1,150              | 46,800             | 47,950             | C                                     | 0                    | 3,860                  | 0 44,090                  | C                          | ) (      | 0 0      | 0                        | 0    | 47,950            |
| 0 63     | Bonar Creek SWMF Construction-2017 SC                        | CW   | S3    | 04   | -2,750 | -6,900 | 2,280      | 7,550      | 100      | 280                | 100                | 380                | C                                     | 0                    | 32                     | 0 348                     | C                          | ) (      | 0 0      | 0                        | 0    | 380               |
| 0 64     | HUMBER BAY POND (ETOBICOKE)                                  | CW   | S4    | 03   | 100    | 350    | 150        | 0          | 0        | 600                | 0                  | 600                | C                                     | 0                    | 48                     | 0 552                     | C                          | ) (      | 0 0      | 0                        | 0    | 600               |
| 0 65     | NORTH TORONTO CSO CONSTR- 2017<br>SC                         | CW   | S3    | 04   | 47     | 0      | 0          | 0          | 0        | 47                 | 0                  | 47                 | C                                     | 0                    | 4                      | 0 43                      | C                          | ) (      | 0 0      | 0                        | 0    | 47                |
| 0 66     | EARL BALES PARK SWM FACILITY -<br>PHASE 2- 2017 SC           | CW   | S3    | 04   | -543   | 250    | 250        | 0          | 0        | -43                | 0                  | -43                | O                                     | 0                    | -4                     | 0 -39                     | C                          | ) (      | 0 0      | 0                        | 0    | -43               |
| 0 67     | YR03 D1 END OF PIPE- 2017 SC                                 | CW   | S3    | 04   | 1      | 1      | 0          | 0          | 0        | 2                  | 0                  | 2                  | C                                     | 0                    | 0                      | 0 2                       | C                          | ) (      | 0 0      | 0                        | 0    | 2                 |
|          | Sub-total  |      |       |      | 1,330  | 1,141  | 8,410      | 9,580      | 3,430    | 23,891             | 179,520            | 203,411            | 0                                     | 0                    | 16,370                 | 0 187,041                 | (                          | ) (      | ) (      | 0                        | 0    | 203,411           |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                  |               |  |         |       |        |        | Curre  | ent and F | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                  | rent and Fu            | uture Year (  | Cash Flov        | w Commi                    | itments | Financeo | d By |                            |                    |
|------------------|---------------|--|---------|-------|--------|--------|--------|-----------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|---------------|------------------|----------------------------|---------|----------|------|----------------------------|--------------------|
| <u>Su</u><br>Pri |               | <u>pject No.</u> <u>Project Name</u><br>bProj No. Sub-project Name | Ward    | Stat. | . Cat. | 2017   | 2018   | 2019      | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | F<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   |      | Debt -<br>Recoverable<br>t | Total<br>Financing |
|                  |               | 1 SWM SOURCE CONTROL PROG  |         |       |        |        |        |           |            |          |                    |                    |                    |                                       |                      |                        |               |                  |                            |         |          |      |                            |                    |
| 0                | 9             | DOWNSPOUT DISCONNECTION<br>PROGRAM                                 | CW      | S2    | 04     | 150    | 150    | 0         | 0          | 0        | 300                | 0                  | 300                | C                                     | 0                    | 0                      | 0             | 300              | 0                          | (       | 0 0      | )    | 0 0                        | 300                |
|                  |               | Sub-total  |         |       |        | 150    | 150    | 0         | 0          | 0        | 300                | 0                  | 300                | 0                                     | 0                    | 0                      | 0             | 300              | 0                          | (       | 0 (      | D    | 0 0                        | 300                |
| WA               | <u>906380</u> | 0 HIGHLAND CREEK WWTP - ODOUR C                                    | CONTROL |       |        |        |        |           |            |          |                    |                    |                    |                                       |                      |                        |               |                  |                            |         |          |      |                            |                    |
| 0                | 1             | ODOUR CONTROL UPGRADES - PHA<br>ENG                                | SE 1 CW | S2    | 04     | 524    | 1,020  | 917       | 100        | 5        | 2,566              | 0                  | 2,566              | C                                     | 0                    | 206                    | 0             | 2,360            | 0                          | (       | 0 0      | )    | 0 0                        | 2,566              |
| 0                | 2             | ODOUR CONTROL UPGRADES - PHA<br>CONSTR                             | SE 1 CW | S2    | 02     | 15,000 | 15,000 | 5,205     | 0          | 0        | 35,205             | 0                  | 35,205             | C                                     | 0                    | 2,833                  | 0             | 32,372           | 0                          | (       | 0 0      | )    | 0 0                        | 35,205             |
| 0                | 3             | ODOUR CONTROL UPGRADES - PHA                                       | SE 2 CW | S6    | 02     | 0      | 0      | 0         | 400        | 1,000    | 1,400              | 33,700             | 35,100             | O                                     | 0                    | 1,541                  | 0             | 33,559           | 0                          | (       | 0 0      | )    | 0 0                        | 35,100             |
| 0                | 20            | ODOUR CONTROL UPGRADES - PHA<br>ENG-2017 SC                        | SE 1 CW | S3    | 04     | 476    | -400   | -477      | 339        | 1        | -61                | 0                  | -61                | C                                     | 0                    | -6                     | 0             | -55              | 0                          | (       | 0 0      | )    | 0 0                        | -61                |
| 0                | 21            | ODOUR CONTROL UPGRADES - PHA<br>CONSTR- 2017 SC                    | SE 1 CW | S3    | 02     | -1,999 | -7,000 | 1,000     | 6,117      | 0        | -1,882             | 0                  | -1,882             | o                                     | 0                    | -152                   | 0             | -1,730           | 0                          | (       | 0 0      | )    | 0 0                        | -1,882             |
|                  |               | Sub-total  |         |       |        | 14,001 | 8,620  | 6,645     | 6,956      | 1,006    | 37,228             | 33,700             | 70,928             | 0                                     | 0                    | 4,422                  | 0             | 66,506           | 0                          | (       | 0 (      | D    | 0 0                        | 70,928             |
| WA               | <u>906486</u> | 6 ASHBRIDGES BAY T.P III YR2004                                    |         |       |        |        |        |           |            |          |                    |                    |                    |                                       |                      |                        |               |                  |                            |         |          |      |                            |                    |
| 0                | 3             | PCS-PLANT SRVS   | CW      | S2    | 04     | 30     | 0      | 0         | 0          | 0        | 30                 | 0                  | 30                 | C                                     | 0                    | 2                      | 0             | 28               | 0                          | (       | 0 0      | )    | 0 0                        | 30                 |
| 0                | 48            | PCS-PLANT SRVS- 2017 SC  | CW      | S3    | 04     | 10     | 177    | 0         | 0          | 0        | 187                | 0                  | 187                | o                                     | 0                    | 15                     | 0             | 172              | 0                          | (       | 0 0      | )    | 0 0                        | 187                |
|                  |               | Sub-total  |         |       |        | 40     | 177    | 0         | 0          | 0        | 217                | 0                  | 217                | 0                                     | 0                    | 17                     | 0             | 200              | 0                          | (       | 0 (      | D    | 0 0                        | 217                |
| WA               | 906487        | 7 HIGHLAND CREEK T.P IV YR2004                                     |         |       |        |        |        |           |            |          |                    |                    |                    |                                       |                      |                        |               |                  |                            |         |          |      |                            |                    |
| 0                | 22            | PCS PLANT SERVICES   | CW      | S4    | 04     | 1      | 0      | 0         | 0          | 0        | 1                  | 0                  | 1                  | C                                     | 0                    | 0                      | 0             | 1                | 0                          | (       | 0 0      | )    | 0 0                        | 1                  |
|                  |               | Sub-total  |         |       |        | 1      | 0      | 0         | 0          | 0        | 1                  | 0                  | 1                  | 0                                     | 0                    | 0                      | 0             | 1                | 0                          | (       | 0 (      | 0    | 0 0                        | 1                  |
| WA               | \$906488      | B HUMBER T.P II YR2004   |         |       |        |        |        |           |            |          |                    |                    |                    |                                       |                      |                        |               |                  |                            |         |          |      |                            |                    |
| 0                | 2             | PCS PLANT SERVICES   | CW      | S2    | 04     | 2      | 0      | 0         | 0          | 0        | 2                  | 0                  | 2                  | C                                     | 0                    | 0                      | 0             | 2                | 0                          | (       | 0 0      | )    | 0 0                        | 2                  |
| 0                | 24            | PCS PLANT SERVICES- 2017 SC  | CW      | S3    | 04     | -1     | 8      | 0         | 0          | 0        | 7                  | 0                  | 7                  | C                                     | 0                    | 1                      | 0             | 6                | 0                          | (       | 0 0      | )    | 0 0                        | 7                  |
|                  |               | Sub-total  |         |       |        | 1      | 8      | 0         | 0          | 0        | 9                  | 0                  | 9                  | 0                                     | 0                    | 1                      | 0             | 8                | 0                          | (       | 0 (      | D    | 0 0                        | 9                  |
| WA               | <u>906492</u> | 2 WET WEATHER FLOW MP  |         |       |        |        |        |           |            |          |                    |                    |                    |                                       |                      |                        |               |                  |                            |         |          |      |                            |                    |
| 0                | 1             | SWM INA/EA   | CW      | S2    | 04     | 650    | 350    | 50        | 0          | 0        | 1,050              | 0                  | 1,050              | o                                     | 0                    | 84                     | 0             | 966              | 0                          | (       | 0 0      | )    | 0 0                        | 1,050              |
| 0                | 2             | PUBLIC EDUCATION   | CW      | S2    | 04     | 550    | 0      | 0         | 0          | 0        | 550                | 0                  | 550                | o                                     | 0                    | 44                     | 0             | 506              | 0                          | (       | 0 0      | )    | 0 0                        | 550                |
| 0                | 10            | 10 YEAR SWM - CONVEYANCE   | CW      | S6    | 04     | 0      | 0      | 4,500     | 6,000      | 6,000    | 16,500             | 30,000             | 46,500             | C                                     | 0                    | 3,743                  | 0             | 42,757           | 0                          | (       | 0 0      | )    | 0 0                        | 46,500             |
| 0                | 11            | 10YR WWFMMP PUBLIC EDUCATION                                       | CW      | S6    | 04     | 0      | 0      | 610       | 610        | 610      | 1,830              | 3,050              | 4,880              | o                                     | 0                    | 392                    | 0             | 4,488            | 0                          | (       | 0 0      | )    | 0 0                        | 4,880              |
|                  |               |  |         |       |        |        |        |           |            |          |                    |                    | -                  |                                       |                      |                        |               |                  |                            |         |          |      |                            |                    |

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| mao                   | io mator i                    |   |      |          |      |   |        |            |            |           |                    |                    |                    |                                       |                    |                        |                  |                  |                            |         |          |      |                   |                    |
|-----------------------|-------------------------------|---|------|----------|------|---|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------------|------------------|----------------------------|---------|----------|------|-------------------|--------------------|
|                       |                               |   |      |          |      |   | Curr   | ent and Fu | iture Year | Cash Flov | w Commitn          | nents              |                    |                                       | Cur                | rent and F             | uture Year Ca    | ash Flow         | v Commi                    | itments | Financed | Ву   |                   |                    |
| <u>Sub-</u><br>Priori | <u>Project I</u><br>tySubProj | <u>No. Project Name</u><br>No. Sub-project Name | Ward | Stat.    | Cat. | 2017                                    | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Re<br>Reserves F | eserve<br>unds ( | Capital<br>from<br>Current | Other 1 | Other2   | Reco | ebt -<br>overable | Total<br>Financing |
| WAS9                  | 06492 WE                      | T WEATHER FLOW MP                               |      |          |      |   |        |            |            |           |                    |                    |                    |                                       |                    |                        |                  |                  |                            |         |          |      |                   |                    |
| 0                     | 14 WW                         | FMP IMPLEMENTATION - DESIGN                     | CW   | S2       | 04   | 1,570                                   | 1,450  | 0          | 0          | 0         | 3,020              | 0                  | 3,020              | 0                                     | 0                  | 244                    | 0                | 2,776            | 0                          | (       | 0 0      | 0    | 0                 | 3,020              |
| 0                     | 40 10Y                        | R WWFMMP IMPLEMENTATION                         | CW   | S6       | 04   | 0                                       | 500    | 200        | 400        | 400       | 1,500              | 7,000              | 8,500              | 0                                     | 0                  | 684                    | 0                | 7,816            | 0                          | (       | 0 0      | 0    | 0                 | 8,500              |
| 0                     | 58 SWI                        | M CONVEYANCE 2015                               | CW   | S2       | 04   | 685                                     | 0      | 0          | 0          | 0         | 685                | 0                  | 685                | 0                                     | 0                  | 55                     | 0                | 630              | 0                          | (       | 0 0      | 0    | 0                 | 685                |
| 0                     |                               | RM WATER POND ASSESSMENT & ANING                | CW   | S2       | 03   | 3,975                                   | 4,800  | 4,800      | 2,000      | 0         | 15,575             | 0                  | 15,575             | 0                                     | 0                  | 0                      | 0                | 15,575           | 0                          | (       | 0 0      | 0    | 0                 | 15,575             |
| 0                     | 60 ASH                        | IBRIDGES BAY LANDFORMS                          | CW   | S2       | 04   | 5,045                                   | 5,000  | 5,000      | 5,000      | 5,000     | 25,045             | 7,950              | 32,995             | 0                                     | 0                  | 0                      | 0                | 32,995           | 0                          | (       | 0 0      | 0    | 0                 | 32,995             |
| 0                     | 61 HUN                        | IBER BAY LANDFORMS                              | CW   | S6       | 04   | 0                                       | 0      | 0          | 0          | 0         | 0                  | 5,000              | 5,000              | 0                                     | 0                  | 0                      | 0                | 5,000            | 0                          | (       | 0 0      | 0    | 0                 | 5,000              |
| 0                     |                               | RM WATER POND ASSESSMENT &<br>ANING - 10 YEAR   | CW   | S6       | 03   | 0                                       | 0      | 0          | 0          | 0         | 0                  | 5,760              | 5,760              | 0                                     | 0                  | 0                      | 0                | 5,760            | 0                          | (       | 0 0      | 0    | 0                 | 5,760              |
| 0                     | 76 SWI                        | M CONVEYANCE 2016                               | CW   | S2       | 04   | 2,303                                   | 245    | 0          | 0          | 0         | 2,548              | 0                  | 2,548              | 0                                     | 0                  | 205                    | 0                | 2,343            | 0                          | (       | 0 0      | 0    | 0                 | 2,548              |
| 0                     |                               | RM WATER POND ASSESSMENT &<br>ANING-2017 SC     | CW   | S3       | 03   | -3,550                                  | -2,987 | -2,400     | 2,800      | 4,300     | -1,837             | 3,500              | 1,663              | 0                                     | 0                  | 0                      | 0                | 1,663            | 0                          | (       | 0 0      | 0    | 0                 | 1,663              |
|                       |                               | IBRIDGES BAY LANDFORMS-2017 S                   |      |          | 04   | -4,545                                  | 0      | 0          | 0          | 0         | -4,545             | 4,550              | 5                  | 0                                     | 0                  |                        | 0                | 5                | 0                          | (       |          |      | 0                 | 5                  |
| -                     |                               | M CONVEYANCE 2017                               |      | S4       | 04   | 3,460                                   | 2,172  | 1,010      | 0          | 0         | 6,642              | 0                  | 6,642              | 0                                     | 0                  |                        | 0                | 6,107            | 0                          | (       |          | 0    | 0                 | 6,642              |
|                       | FEA                           | /BER DEFLECTOR LANDFORM<br>SIBILITY STUDY       |      | S4       |      | 200                                     | 0      | 0          | 0          | 0         | 200                | 0                  | 200                | 0                                     | 0                  |                        |                  | 184              | 0                          | (       |          | 0    | 0                 | 200                |
|                       |                               | EEN STREETS                                     |      | S4       | 04   | 333                                     | 568    | 403        | 170        | 0         | 1,474              | 0                  | 1,474              | 0                                     | 0                  |                        | 0                | 1,355            | 0                          | (       |          | 0    | 0                 | 1,474              |
|                       | 201                           | 'FMP IMPLEMENTATION - DESIGN -<br>7 SC          |      | S3       | 04   | -872                                    | -712   | 1,400      | 1,450      | 0         | 1,266              | 0                  | 1,266              | 0                                     | 0                  |                        |                  | 1,165            | 0                          | (       |          | 0    | 0                 | 1,266              |
|                       |                               | M INA/EA- 2017 SC                               |      | S3       | 04   | -282                                    | 100    | 275        | 0          | 0         | 93                 | 0                  | 93                 | 0                                     | 0                  |                        | 0                | 85               | 0                          |         |          | 0    | 0                 | 93                 |
| -                     |                               | BLIC EDUCATION- 2017 SC                         |      | S3       | 04   | 60                                      | 610    | 0          | 0          | 0         | 670                | 0                  | 670                | 0                                     | 0                  |                        | 0                | 616              | 0                          | (       |          | 0    | 0                 | 670                |
|                       |                               | M CONVEYANCE 2015- 2017 SC                      |      | S3       | 04   | -434                                    | 200    | 0          | 0          | U         | -234               | 0                  | -234               | 0                                     | 0                  |                        | 0                | -215             | 0                          | (       |          | 0    | 0                 | -234               |
|                       |                               | FERFRONT MODELLING STUDIES                      |      | S3<br>S4 | 04   | -2,303<br>25                            | -245   | 0<br>100   | 0<br>100   | 100       | -2,548<br>425      | 75                 | -2,548<br>500      | 0                                     | 0                  |                        | 0                | -2,343<br>460    | 0                          | (       |          | 0    | 0                 | -2,548<br>500      |
| U                     | or vvAl                       | Sub-total                                       | 000  | 94       | 05   | 6,870                                   | 100    | 15,948     | 18,530     | 16,410    | 69,909             |                    | 136,794            | 0                                     | -                  |                        | -                | 30,694           | 0                          |         |          |      | ں<br>ر            | ) 136,794          |
| <u>WA</u> S90         | 06495 SEV                     | VER ASSET PLANNING                              |      |          |      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | .,     | .,         | _,3        | _,0       |                    |                    | , '                |                                       |                    | ,,                     |                  | .,               |                            |         |          |      |                   |                    |
| 0                     |                               | VER ASSET PLANNING                              | CW   | S2       | 03   | 5,016                                   | 4,100  | 4,090      | 255        | 0         | 13,461             | 0                  | 13,461             | 0                                     | 0                  | 1,083                  | 0                | 12,378           | 0                          | (       | 0 0      | 0    | 0                 | 13,461             |
| 0                     | 7 SEV                         | VER SYSTEM INSPECTION                           | CW   | S2       | 03   | 8,978                                   | 10,741 | 12,000     | 11,000     | 5,495     | 48,214             | 0                  | 48,214             | 0                                     | 0                  | 0                      | 0                | 48,214           | 0                          | (       | 0 0      | 0    | 0                 | 48,214             |
| 0                     | 17 SEV                        | VER ASSET PLANNING - 10 YEAR                    | CW   | S6       | 04   | 0                                       | 1,500  | 1,500      | 4,500      | 4,500     | 12,000             | 25,000             | 37,000             | 0                                     | 0                  | 1,621                  | 0                | 35,379           | 0                          | (       | 0 0      | 0    | 0                 | 37,000             |
|                       |                               |   |      |          |      | I                                       |        |            |            |           |                    |                    | I                  | I                                     |                    |                        |                  |                  |                            |         |          |      |                   | I                  |

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |   |      |       |      |        | Curre  | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                | rent and Fu            | uture Year (  | Cash Flo         | w Comm                     | itments | Financed | Ву |                    |                    |
|--------------------|--------|---|------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|---------------|------------------|----------------------------|---------|----------|----|--------------------|--------------------|
| <u>Sub</u><br>Prio |        | j <u>ect No.</u> <u>Project Name</u><br>Proj No. Sub-project Name | Ward | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | F<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   |    | Debt -<br>overable | Total<br>Financing |
| WAS                | 906495 | SEWER ASSET PLANNING  |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |    |                    |                    |
| 0                  | 18     | SEWER SYSTEM INSPECTION - 10 YEAI<br>PLAN                         | R CW | S6    | 03   | 0      | 0      | 0          | 0          | 5,000    | 5,000              | 50,000             | 55,000             | 0                                     | 0                  | 0                      | 0             | 55,000           | C                          | ) (     | ) 0      | 0  | 0                  | 55,000             |
| 0                  | 21     | PPD - INFRASTRUCTURE PLANNING<br>STUDIES                          | CW   | S2    | 05   | 225    | 0      | 0          | 0          | 0        | 225                | 0                  | 225                | 0                                     | 0                  | 0                      | 0             | 225              | C                          | ) (     | ) 0      | 0  | 0                  | 225                |
| 0                  | 22     | PPD - INFRASTRUCTURE PLANNING<br>STUDIES - 10 YR PLAN             | CW   | S6    | 05   | 0      | 0      | 150        | 150        | 150      | 450                | 750                | 1,200              | 0                                     | 0                  | 0                      | 0             | 1,200            | C                          | ) (     | ) 0      | 0  | 0                  | 1,200              |
| 0                  | 31     | SEWER ASSET PLANNING-2017 SC                                      | CW   | S3    | 03   | 349    | 3,575  | 2,994      | 0          | 0        | 6,918              | 0                  | 6,918              | 0                                     | 0                  | 558                    | 0             | 6,360            | C                          | ) (     | ) 0      | 0  | 0                  | 6,918              |
| 0                  | 32     | SEWER SYSTEM INSPECTION-2017 SC                                   | CW   | S3    | 03   | 293    | 9,541  | -4,255     | -1,000     | -5,495   | -916               | 0                  | -916               | 0                                     | 0                  | 0                      | 0             | -916             | C                          | ) (     | ) 0      | 0  | 0                  | -916               |
| 0                  | 33     | PPD - INFRASTRUCTURE PLANNING<br>STUDIES- 2017 SC                 | CW   | S3    | 05   | -75    | 150    | 0          | 0          | 0        | 75                 | 0                  | 75                 | 0                                     | 0                  | 0                      | 0             | 75               | C                          | ) (     | ) 0      | 0  | 0                  | 75                 |
| 0                  | 34     | CORP IT - IDC   | CW   | S4    | 04   | 147    | 0      | 0          | 0          | 0        | 147                | 0                  | 147                | 0                                     | 0                  | 0                      | 0             | 147              | C                          | ) (     | ) 0      | 0  | 0                  | 147                |
|                    |        | Sub-total   |      |       |      | 14,933 | 29,607 | 16,479     | 14,905     | 9,650    | 85,574             | 75,750             | 161,324            | 0                                     | 0                  | 3,262                  | 0             | 158,062          | C                          | ) (     | ) 0      | 0  | 0                  | 161,324            |
| WAS                | 906500 | NEW SEWER CONSTRUCTION  |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |    |                    |                    |
| 0                  | 4      | NEW SEWERS - FUTURE   | CW   | S6    | 05   | 0      | 0      | 1,000      | 1,000      | 1,000    | 3,000              | 5,000              | 8,000              | 0                                     | 0                  | 2,712                  | 0             | 5,288            | C                          | ) (     | ) 0      | 0  | 0                  | 8,000              |
| 0                  | 5      | NEW SEWERS  | CW   | S2    | 05   | 506    | 0      | 0          | 0          | 0        | 506                | 0                  | 506                | о                                     | 0                  | 315                    | 0             | 191              | C                          | ) (     | ) 0      | 0  | 0                  | 506                |
| 0                  | 24     | WATERFRONT SANITARY MASTER<br>SERVICING PLAN IMP                  | CW   | S2    | 05   | 0      | 0      | 0          | 0          | 8,000    | 8,000              | 32,000             | 40,000             | 0                                     | 0                  | 20,000                 | 0             | 20,000           | C                          | ) (     | ) 0      | 0  | 0                  | 40,000             |
| 0                  | 25     | DOWNSVIEW LANDS EXTERNAL<br>UPGRADES                              | CW   | S2    | 05   | 1,495  | 2,000  | 4,500      | 0          | 0        | 7,995              | 0                  | 7,995              | 0                                     | 0                  | 7,995                  | 0             | 0                | C                          | ) (     | ) 0      | 0  | 0                  | 7,995              |
| 0                  | 31     | WATERFRONT SANITARY MASTER<br>SERVICING PLAN-2017 SC              | CW   | S3    | 05   | 500    | 2,000  | 5,000      | 5,000      | -8,000   | 4,500              | -32,000            | -27,500            | 0                                     | 0                  | -13,750                | 0             | -13,750          | C                          | ) (     | ) 0      | 0  | 0                  | -27,500            |
| 0                  | 33     | NEW SEWERS- 2017 SC   | CW   | S3    | 05   | -491   | 560    | 0          | 0          | 0        | 69                 | 0                  | 69                 | 0                                     | 0                  | 42                     | 0             | 27               | C                          | ) (     | ) 0      | 0  | 0                  | 69                 |
| 0                  | 34     | WATERFRONT SANITARY MASTER<br>SERVICING PLAN - FUTURE             | CW   | S6    | 05   | 0      | 0      | 0          | 0          | 0        | 0                  | 21,000             | 21,000             | 0                                     | 0                  | 5,723                  | 0             | 15,277           | C                          | ) (     | ) 0      | 0  | 0                  | 21,000             |
| 0                  | 35     | DOWNSVIEW LANDS EXTERNAL<br>UPGRADES- 2017 SC                     | CW   | S3    | 05   | -45    | 3,000  | -2,950     | 0          | 0        | 5                  | 0                  | 5                  | 0                                     | 0                  | 5                      | 0             | 0                | C                          | ) (     | ) 0      | 0  | 0                  | 5                  |
| 0                  | 36     | SHEPPARD SANITARY SEWER AT EAST DON STS                           | CW   | S6    | 05   | 0      | 1,000  | 2,000      | 1,000      | 0        | 4,000              | 0                  | 4,000              | 0                                     | 0                  | 1,356                  | 0             | 2,644            | C                          | ) (     | ) 0      | 0  | 0                  | 4,000              |
|                    |        | Sub-total   |      |       |      | 1,965  | 8,560  | 9,550      | 7,000      | 1,000    | 28,075             | 26,000             | 54,075             | 0                                     | 0                  | 24,398                 | 0             | 29,677           | C                          | ) (     | ) 0      | 0  | 0                  | 54,075             |
| WAS                | 906501 | YARD & BUILDING RENOVATION  |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |    |                    |                    |
| 0                  | 11     | YARDS & BUILDING RENOVATION                                       | CW   | S2    | 04   | 2      | 2      | 0          | 0          | 0        | 4                  | 0                  | 4                  | 0                                     | 0                  | 0                      | 0             | 4                | C                          | ) (     | ) 0      | 0  | 0                  | 4                  |
|                    |        | Sub-total   |      |       |      | 2      | 2      | 0          | 0          | 0        | 4                  | 0                  | 4                  | 0                                     | 0                  | 0                      | 0             | 4                | C                          | ) (     | ) 0      | 0  | 0                  | 4                  |
| WAS                | 906735 | DIST SEWER REHAB OPS YR2005                                       |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |    |                    |                    |
| 0                  | 10     | GROUP 1 SEWAGE PUMPING STATION<br>UPGRADES                        | CW   | S2    | 03   | 6      | 0      | 0          | 0          | 0        | 6                  | 0                  | 6                  | 0                                     | 0                  | 0                      | 0             | 6                | C                          | ) (     | ) 0      | 0  | 0                  | 6                  |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|           |  |          |          |        | Curr  | rent and F | uture Year | Cash Flo | w Commitr          | nents              | -                  |                                       | Cur                | rrent and F            | uture Year | Cash Flow          | / Comm                     | itments | Financed | Ву  |                    |                    |
|-----------|--|----------|----------|--------|-------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|--------------------|----------------------------|---------|----------|-----|--------------------|--------------------|
|           | oject No. <u>Project Name</u><br>IbProj No. Sub-project Name | Ward Sta | at. Cat. | 2017   | 2018  | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds ( | Capital<br>from<br>Current | Other 1 | Other2   |     | 0ebt -<br>overable | Total<br>Financing |
| -         | 5 DIST SEWER REHAB OPS YR2005                                |          |          |        |       |            |            |          |                    |                    |                    | Cabbidide                             |                    |                        |            |                    |                            |         |          |     |                    |                    |
| 0 18      | GROUP 1 SEWAGE PUMPING STATION<br>UPGRADES - 2017 SC         | CW S     | 3 03     | -3     | 12    | 69         | 0          | 0        | 78                 | 0                  | 78                 | (                                     | ) 0                | 7                      | 0          | 71                 | 0                          | ) (     | 0 0      | 0   | 0                  | 78                 |
|           | Sub-total  |          |          | 3      | 12    | 69         | 0          | 0        | 84                 | 0                  | 84                 | C                                     | 0 0                | 7                      | 0          | 77                 | 0                          | ) (     | 0 C      | 0 0 | 0                  | 84                 |
| WAS90674  | 1 HIGHLAND CREEK TP YR2005                                   |          |          |        |       |            |            |          |                    |                    |                    |                                       |                    |                        |            |                    |                            |         |          |     |                    |                    |
| 0 1       | WAS THICKENING AND DEWATERING -<br>ENG                       | CW S     | 2 03     | 40     | 6     | 0          | 0          | 0        | 46                 | 0                  | 46                 | (                                     | ) 0                | 3                      | 0          | 43                 | 0                          | ) (     | 0 0      | 0   | 0                  | 46                 |
| 0 19      | WAS THICKENING AND DEWATERING -<br>ENG- 2017 SC              | CW S     | 3 03     | -27    | 4     | 0          | 0          | 0        | -23                | 0                  | -23                | (                                     | ) 0                | -1                     | 0          | -22                | 0                          | ) (     | 0 0      | 0   | 0                  | -23                |
|           | Sub-total  |          |          | 13     | 10    | 0          | 0          | 0        | 23                 | 0                  | 23                 | C                                     | 0 0                | 2                      | 0          | 21                 | 0                          | ) (     | 0 C      | 0 0 | 0                  | 23                 |
| WAS90674; | 2 HUMBER TP YR2005   |          |          |        |       |            |            |          |                    |                    |                    |                                       |                    |                        |            |                    |                            |         |          |     |                    |                    |
| 08        | ODOUR CONTROL ENGINEERING                                    | CW S     | 2 04     | 1,275  | 100   | 60         | 0          | 0        | 1,435              | 0                  | 1,435              | (                                     | ) 0                | 0                      | 0          | 1,435              | 0                          | ) (     | 0 0      | 0   | 0                  | 1,435              |
| 0 56      | ODOUR CONTROL ENGINEERING-2017<br>SC                         | CW S     | 3 04     | -74    | 410   | 540        | 100        | 20       | 996                | 0                  | 996                | C                                     | ) 0                | 0                      | 0          | 996                | 0                          | ) (     | 0 0      | 0   | 0                  | 996                |
|           | Sub-total  |          |          | 1,201  | 510   | 600        | 100        | 20       | 2,431              | 0                  | 2,431              | C                                     | ) 0                | 0                      | 0          | 2,431              | 0                          | ) (     | 0 C      | ) 0 | 0                  | 2,431              |
| WAS90674  | 3 ASHRIDGES BAY TP YR2005                                    |          |          |        |       |            |            |          |                    |                    |                    |                                       |                    |                        |            |                    |                            |         |          |     |                    |                    |
| 0 1       | MISC MECH ENGINEERING  | CW S     | 2 03     | 786    | 838   | 87         | 0          | 0        | 1,711              | 0                  | 1,711              | C                                     | ) 0                | 138                    | 0          | 1,573              | 0                          | ) (     | 0 0      | 0   | 0                  | 1,711              |
| 0 7       | SERVICE AIR UPGRADES   | CW S     | 2 03     | 2,885  | 1,497 | 150        | 0          | 0        | 4,532              | 0                  | 4,532              | (                                     | ) 0                | 0                      | 0          | 4,532              | 0                          | ) (     | 0 0      | 0   | 0                  | 4,532              |
| 0 59      | MISC MECH ENGINEERING- 2017 SC                               | CW S     | 3 03     | -386   | -438  | 395        | 80         | 0        | -349               | 0                  | -349               | (                                     | ) 0                | -29                    | 0          | -320               | 0                          | ) (     | 0 0      | 0   | 0                  | -349               |
| 0 60      | SERVICE AIR UPGRADES- 2017 SC                                | CW S     | 3 03     | -1,785 | 949   | -75        | 0          | 0        | -911               | 0                  | -911               | (                                     | 0 0                | 0                      | 0          | -911               | 0                          | ) (     | 0 0      | 0   | 0                  | -911               |
|           | Sub-total  |          |          | 1,500  | 2,846 | 557        | 80         | 0        | 4,983              | 0                  | 4,983              | C                                     | ) 0                | 109                    | 0          | 4,874              | 0                          | ) (     | 0 0      | ) 0 | 0                  | 4,983              |
| WAS90675  | 5 WESTERN BEACHES RETROFIT                                   |          |          |        |       |            |            |          |                    |                    |                    |                                       |                    |                        |            |                    |                            |         |          |     |                    |                    |
| 0 1       | WESTERN BEACHES RETROFIT                                     | CW S     | 2 03     | 4,709  | 3,092 | 1,057      | 15         | 86       | 8,959              | 0                  | 8,959              | (                                     | ) 0                | 721                    | 0          | 8,238              | 0                          | ) (     | 0 C      | 0   | 0                  | 8,959              |
| 0 15      | WESTERN BEACHES RETROFIT- 2017                               | sc cw s  | 3 03     | -3,489 | 2,224 | 5,285      | 5,870      | -71      | 9,819              | 86                 | 9,905              | (                                     | ) 0                | 798                    | 0          | 9,107              | 0                          | ) (     | 0 0      | 0   | 0                  | 9,905              |
|           | Sub-total  |          |          | 1,220  | 5,316 | 6,342      | 5,885      | 15       | 18,778             | 86                 | 18,864             | C                                     | ) 0                | 1,519                  | 0          | 17,345             | 0                          | ) (     | 0 C      | ) 0 | 0                  | 18,864             |
| WAS90692  | 6 OPERATIONAL SUPPORT  |          |          |        |       |            |            |          |                    |                    |                    |                                       |                    |                        |            |                    |                            |         |          |     |                    |                    |
| 06        | FACILITY RENOVATION  | CW S     | 2 04     | 1,450  | 1,000 | 0          | 0          | 0        | 2,450              | 0                  | 2,450              | C                                     | ) 0                | 0                      | 0          | 2,450              | 0                          | ) (     | 0 0      | 0   | 0                  | 2,450              |
| 0 7       | RENOVATION - MERTON STREET                                   | CW S     | 2 04     | 5      | 0     | 0          | 0          | 0        | 5                  | 0                  | 5                  | (                                     | 0 0                | 0                      | 0          | 5                  | 0                          | ) (     | 0 0      | 0   | 0                  | 5                  |
| 0 23      | EMP MONITORING NEEDS   | CW S     | 2 04     | 95     | 0     | 0          | 0          | 0        | 95                 | 0                  | 95                 | C                                     | ) 0                | 0                      | 0          | 95                 | 0                          | ) (     | 0 0      | 0   | 0                  | 95                 |
|           |  |          |          | 1      | 1     |            |            |          | 1                  | 1                  |                    | !!                                    |                    |                        |            |                    |                            |         |          |     |                    | 1                  |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                |   |      |          |          |                 | Curr            | ent and Fu    | ture Year    | Cash Flo | w Commitm          | nents              |                    |                                       | Curre                            | ent and Fu            | uture Year (  | Cash Flo         | w Comm                     | itments | Financed   | Ву                      |          |                  |
|----------------|---|------|----------|----------|-----------------|-----------------|---------------|--------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------------------|-----------------------|---------------|------------------|----------------------------|---------|------------|-------------------------|----------|------------------|
|                | oject No. <u>Project Name</u><br>ıbProj No. Sub-project Name                      | Ward | Stat.    | Cat.     | 2017            | 2018            | 2019          | 2020         | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal <sub>De</sub><br>Subsidy | evelopment<br>Charges | F<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2     | Debt<br>Recover<br>Debt | able     | Total            |
| WAS90692       | 6 OPERATIONAL SUPPORT   |      |          |          |                 |                 |               |              |          |                    |                    |                    |                                       |                                  |                       |               |                  |                            |         |            |                         |          |                  |
| 0 71           | YARD & FACILITIES - 10 YEAR PLAN  | CW   | S6       | 03       | 0               | 0               | 525           | 1,275        | 1,275    | 3,075              | 6,375              | 9,450              | 0                                     | 0                                | 0                     | 0             | 9,450            | 0                          | (       | 0 0        | 0                       | 0        | 9,450            |
| 0 95           | DIVISIONAL SECURITY - BACKLOG   | CW   | S6       | 04       | 0               | 0               | 605           | 605          | 605      | 1,815              | 3,025              | 4,840              | o                                     | 0                                | 0                     | 0             | 4,840            | 0                          | (       | 0 0        | 0                       | 0        | 4,840            |
| 0 98           | DESIGNATED SUBSTANCE ABATEMENT  | CW   | S2       | 02       | 100             | 100             | 0             | 0            | 0        | 200                | 0                  | 200                | o                                     | 0                                | 0                     | 0             | 200              | 0                          | (       | 0 0        | 0                       | 0        | 200              |
| 0 100          | DIVISIONAL SECURITY   | CW   | S2       | 04       | 1,025           | 0               | 0             | 0            | 0        | 1,025              | 0                  | 1,025              | 0                                     | 0                                | 0                     | 0             | 1,025            | 0                          | (       | 0 0        | 0                       | 0        | 1,025            |
| 0 105          | BACKUP POWER - FINCH AND DEE  | CW   | S4       | 04       | 500             | 0               | 0             | 0            | 0        | 500                | 0                  | 500                | 0                                     | 0                                | 0                     | 0             | 500              | 0                          | (       | 0 0        | 0                       | 0        | 500              |
| 0 107          | OFFICE MODERNIZATION - MH18   | CW   | S4       | 04       | 625             | 1,875           | 0             | 0            | 0        | 2,500              | 0                  | 2,500              | 0                                     | 0                                | 0                     | 0             | 2,500            | 0                          | (       | 0 0        | 0                       | 0        | 2,500            |
| 0 108          | DIVISIONAL SECURITY- 2017 SC  |      | S3       | 04       | 0               | 1,030           | 0             | 0            | 0        | 1,030              | 0                  | 1,030              | 0                                     |                                  | 0                     | 0             | 1,030            | 0                          |         | 0 0        | 0                       | 0        | 1,030            |
| 0 109          | FACILITY RENOVATION- 2017 SC  |      | S3       | 04       | -700            | -250            | 750           | 0            | 0        | -200               | 0                  | -200               | 0                                     |                                  | 0                     | 0             | -200             | 0                          |         | 0 0        | 0                       | 0        | -200             |
| 0 110          | RENOVATION - MERTON STREET- 2017<br>SC  |      | S3       |          | 0               | 20              | 0             | 0            | 0        | 20                 | 0                  | 20                 | 0                                     |                                  | 0                     | 0             | 20               | 0                          |         | 0 0        | 0                       | 0        | 20               |
| 0 111          | DESIGNATED SUBSTANCE ABATEMENT-<br>2017 SC  |      |          |          | -100            | -100            | 0             | 0            | 0        | -200               | 0                  | -200               | 0                                     |                                  | 0                     | 0             | -200             | 0                          |         | 0 0        | 0                       | 0        | -200             |
| 0 112          | EMP MONITORING NEEDS- 2017 SC   |      | S3       |          | -45             | 50              | 0             | 725          | 0<br>27  | 5                  | 0                  | 5                  | 0                                     | -                                | 0                     | 0             | 252              | 0                          |         | 0 0        | 0                       | 0        | 252              |
| 0 113<br>0 114 | PCS UPGRADES FOR WASTEWATER<br>TREATMENT- 2017 SC<br>DISTRICT OPERATIONS FACILITY |      | S3<br>S4 | 04<br>04 | 91<br>250       | 203<br>250      | -793<br>1,000 | 725<br>2,000 | 400      | 253<br>3,900       | 0                  | 253<br>3,900       | 0                                     |                                  | 0                     | 0             | 253<br>3,900     | 0                          |         | 0 0<br>0 0 | 0                       | 0        | 253<br>3,900     |
| 0 114          | UPGRADES<br>Sub-total   | 011  | 04       | 04       | 7,415           | 9,487           | 7,895         | 8,629        | 2,331    | 35,757             | 9,400              | 45,157             | 0                                     |                                  | 0                     | -             | 45,157           | 0                          |         | 0 0<br>0 0 |                         |          | 45,157           |
|                |   |      |          |          | .,              | 0,101           | 1,000         | 0,020        | 2,001    |                    | 0,100              | .0,101             |                                       | 0                                |                       |               | 10,101           | 0                          |         |            |                         | <u> </u> |                  |
| WAS90695       | 8 SEWER SYSTEM REHABILITATION   |      |          |          |                 |                 |               |              |          |                    |                    |                    |                                       |                                  |                       |               |                  |                            |         |            |                         |          |                  |
| 0 2            | GROUPS 2, 3 & 4 SEWAGE PUMPING<br>STATION UPGRADES                                | CW   | S2       | 03       | 10              | 0               | 0             | 0            | 0        | 10                 | 0                  | 10                 | o                                     | 0                                | 1                     | 0             | 9                | 0                          | (       | 0 0        | 0                       | 0        | 10               |
| 05             | CCTV INSPECTION   | CW   | S2       | 03       | 59              | 0               | 0             | 0            | 0        | 59                 | 0                  | 59                 | 0                                     | 0                                | 0                     | 0             | 59               | 0                          | (       | 0 0        | 0                       | 0        | 59               |
| 07             | 10 YEAR SEWER REHABILITATION  |      | S6       |          | 0               | 1,500           | 41,400        | 51,900       | 57,945   | 152,745            | 305,230            | 457,975            | 0                                     |                                  | 0                     |               | 457,975          | 0                          |         | 0 0        | 0                       | 0        | 457,975          |
| 0 8            | SPS SCADA UPGRADES - ENGINEERING  |      |          |          | 561             | 0               | 0             | 0            | 0        | 561                | 0                  | 561                | 0                                     |                                  | 45                    |               | 516              | 0                          | (       | 0 0        | 0                       | 0        | 561              |
| 09             | SEWER REHABILITATION  |      | S2       |          | 9,700           | 3,581           | 0             | 0            | 0        | 13,281             | 0                  | 13,281             | 0                                     | 0                                | 0                     | 0             | 13,281           | 0                          | (       | U 0        | 0                       | 0        | 13,281           |
|                | SEWAGE PUMPING STATION STANDBY<br>POWER<br>GROUP 5 SEWAGE PUMPING STATION         |      |          |          | 163             | 0               | 0             | 0            | 0        | 163                | 0                  | 163                | 0                                     | U                                | 13                    | 0             | 150              | 0                          | (       | u 0        | U                       | 0        | 163              |
| 0 24<br>0 79   | GROUP 5 SEWAGE PUMPING STATION<br>UPGRADES<br>SEWER REHABILITATION - CWD          |      | S2       |          | 7,708<br>34,274 | 6,300<br>15,250 | 6,165<br>0    | 1,928<br>0   | 28       | 22,129<br>49,524   | 0                  | 22,129             | 0                                     |                                  | 1,781<br>3,551        |               | 20,348           | 0                          |         | 0 0<br>0 0 |                         | 0        | 22,129<br>49,524 |
| 0 79           | CCTV INSPECTION-2017 SC   |      | S2<br>S3 |          | 1,141           | 15,250          | 0             | 0            | 0        |                    | 0                  | 49,524<br>2,341    | 0                                     |                                  | 3,551                 |               | 45,973<br>2,341  | 0                          |         | 0 0        |                         | 0        | 49,524<br>2,341  |
| 0 01           |   | 011  | 00       | 00       | 1,171           | 1,200           | 0             | 5            | 0        | 2,041              | 0                  | 2,041              |                                       | Ŭ                                | 0                     | v             | 2,071            | 0                          | ,       | . 0        | 0                       | Ĭ        | 2,071            |

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                  |         |  |          |        |         |        | Curr   | ent and Fu | uture Year | Cash Flov | w Commitn          | nents              |                    |                                       | Cur                | rent and Fu            | uture Year | Cash Flo         | w Comm                     | nitments | Finance | ed By |                          |   |                    |
|------------------|---------|--|----------|--------|---------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|----------|---------|-------|--------------------------|---|--------------------|
| <u>Su</u><br>Pri |         | oject No. <u>Project Name</u><br>IbProj No. Sub-project Name | War      | d Stat | t. Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1  | Other2  | 2 Del | Debt -<br>Recovera<br>bt |   | Total<br>Financing |
|                  | S906958 | , ,  |          |        |         |        |        |            |            |           |                    |                    |                    | Cabolaloo                             |                    |                        |            |                  |                            |          |         |       |                          | ╈ |                    |
| 0                | 82      | SEWER REHABILITATION-2017 SC                                 | CI       | N S3   | 03      | 14,453 | 12,580 | 6,036      | 36         | 0         | 33,105             | 0                  | 33,105             | 0                                     | 0                  | 0                      | 0          | 33,105           | 0                          | )        | 0       | 0     | 0                        | 0 | 33,105             |
| 0                | 83      | SEWER REHABILITATION - CWD-20                                | 17 SC C\ | W S3   | 03      | 4,258  | 23,711 | 18,200     | 1,700      | 1,700     | 49,569             | 1,850              | 51,419             | 0                                     | 0                  | -3,551                 | 0          | 54,970           | 0                          | )        | 0       | 0     | 0                        | 0 | 51,419             |
| 0                | 86      | SEWAGE PUMPING STATION STAN<br>POWER - 2017 SC               | DBY C\   | V S3   | 02      | -144   | 114    | 0          | 0          | 0         | -30                | 0                  | -30                | 0                                     | 0                  | -2                     | 0          | -28              | 0                          | )        | 0       | 0     | 0                        | 0 | -30                |
| 0                | 87      | GROUPS 2 3 4 SEWAGE PUMPING<br>STATION UPGR- 2017 SC         | CI       | V S3   | 03      | 0      | 32     | 0          | 0          | 0         | 32                 | 0                  | 32                 | 0                                     | 0                  | 3                      | 0          | 29               | 0                          | )        | 0       | 0     | 0                        | 0 | 32                 |
| 0                | 88      | SPS SCADA UPGRADES - ENGINEE<br>2017 SC                      | RING- C\ | N S3   | 04      | -173   | 214    | 0          | 0          | 0         | 41                 | 0                  | 41                 | 0                                     | 0                  | 3                      | 0          | 38               | 0                          | )        | 0       | 0     | 0                        | 0 | 41                 |
| 0                | 89      | GROUP 5 SEWAGE PUMPING STAT<br>UPGRADES- 2017 SC             |          |        |         | -4,308 | 0      | 100        | 2,000      | 2,100     | -108               | 0                  | -108               | 0                                     | -                  |                        | 0          | -99              | 0                          |          | -       | 0     | 0                        | 0 | -108               |
| 0                | 90      | SEWER REHABILITATION - LATERA<br>REHAB I/I REDUCTION         | L C\     | N S6   | 03      | 0      | 0      | 100        | 1,000      | 1,000     | 2,100              | 200                | 2,300              | 0                                     | -                  |                        | 0          | 2,300            | 0                          |          | -       | 0     | 0                        | 0 | 2,300              |
|                  |         | Sub-total  |          |        |         | 67,702 | 64,482 | 72,001     | 58,564     | 62,773    | 325,522            | 307,280            | 632,802            | 0                                     | 0                  | 1,835                  | 0          | 630,967          | 0                          | )        | 0       | 0     | 0                        | 0 | 632,802            |
| WA               | S906960 | 0 STREAM RESTORATION & EROSION                               | N CONTRO | 2      |         |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |          |         |       |                          |   |                    |
| 0                | 1       | HIGHLAND CREEK STREAM<br>RESTORATION                         | CI       | N S2   | 04      | 42     | 0      | 0          | 0          | 0         | 42                 | 0                  | 42                 | o                                     | 0                  | 3                      | 0          | 39               | 0                          | )        | 0       | 0     | 0                        | 0 | 42                 |
| 0                | 5       | 10 YEAR STREAM RESTORATION -<br>DISTRICTS                    | ALL C\   | N S6   | 03      | 0      | 0      | 0          | 0          | 0         | 0                  | 38,950             | 38,950             | 0                                     | 0                  | 3,135                  | 0          | 35,815           | 0                          | )        | 0       | 0     | 0                        | 0 | 38,950             |
| 0                | 7       | STREAM RESTORATION   | CI       | N S2   | 03      | 7,871  | 3,860  | 2,730      | 300        | 50        | 14,811             | 0                  | 14,811             | 0                                     | 0                  | 1,192                  | 0          | 13,619           | 0                          | )        | 0       | 0     | 0                        | 0 | 14,811             |
| 0                | 37      | WATERCOURSE EROSION CONTRO                                   | DL C\    | N S6   | 03      | 0      | 0      | 0          | 0          | 0         | 0                  | 11,000             | 11,000             | 0                                     | 0                  | 887                    | 0          | 10,113           | 0                          | )        | 0       | 0     | 0                        | 0 | 11,000             |
| 0                | 39      | STREAM RESTORATION - PHASE 2                                 | CI       | N S2   | 03      | 2,850  | 8,350  | 8,800      | 4,400      | 2,200     | 26,600             | 9,790              | 36,390             | 0                                     | 0                  | 2,927                  | 0          | 33,463           | 0                          | )        | 0       | 0     | 0                        | 0 | 36,390             |
| 0                | 41      | WATERCOURSE - ENGINEERING                                    | CI       |        |         | 100    | 1,175  | 1,135      | 1,025      | 1,030     | 4,465              | 1,490              | 5,955              | 0                                     |                    |                        | 0          | 5,475            | 0                          |          |         | 0     | 0                        | 0 | 5,955              |
| 0                | 43      | PARTNER PROJECTS   | CI       | N S4   | 03      | 1,000  | 1,600  | 1,600      | 600        | 200       | 5,000              | 0                  | 5,000              | 0                                     | 0                  | 403                    | 0          | 4,597            | 0                          | )        | 0       | 0     | 0                        | 0 | 5,000              |
| 0                | 45      | WATERCOURSE - CONSTRUCTION                                   | CI       | V S6   | 03      | 0      | 100    | 4,050      | 10,600     | 9,130     | 23,880             | 14,000             | 37,880             | o                                     | 0                  | 3,051                  | 0          | 34,829           | 0                          | )        | 0       | 0     | 0                        | 0 | 37,880             |
| 0                | 48      | STREAM RESTORATION - 2017 SC                                 | CI       | V S3   | 03      | -5,065 | -3,571 | -2,730     | -300       | -50       | -11,716            | 0                  | -11,716            | 0                                     | 0                  | -943                   | 0          | -10,773          | 0                          | )        | 0       | 0     | 0                        | 0 | -11,716            |
| 0                | 49      | STREAM RESTORATION - PHASE 2<br>SC                           | -2017 C\ | N S3   | 03      | -2,850 | -8,350 | -8,800     | -4,400     | -2,200    | -26,600            | -9,790             | -36,390            | 0                                     | 0                  | -2,927                 | 0          | -33,463          | 0                          | )        | 0       | 0     | 0                        | 0 | -36,390            |
| 0                | 50      | HIGHLAND CREEK STREAM<br>RESTORATION- 2017 SC                | CI       | V S3   | 04      | 3      | 0      | 0          | 0          | 0         | 3                  | 0                  | 3                  | 0                                     | 0                  | 1                      | 0          | 2                | 0                          | )        | 0       | 0     | 0                        | 0 | 3                  |
| 0                | 51      | STUDIES, EAS, MASTER PLANS                                   | CI       |        |         | 910    | 1,740  | 1,930      | 860        | 410       | 5,850              | 50                 | 5,900              | 0                                     | -                  |                        | 0          | 5,426            | 0                          |          | -       | 0     | 0                        | 0 | 5,900              |
| 0                | 52      | CRITICAL REPAIRS   |          | N S4   |         | 825    | 1,775  | 1,500      | 1,275      | 1,575     | 6,950              |                    | 9,505              | 0                                     | -                  |                        | 0          | 8,739            | 0                          | )        | 0       | 0     | 0                        | 0 | 9,505              |
| 0                | 53      | EMERGENCY EROSION CONTROL                                    | CI       | N S4   | 03      | 300    | 740    | 850        | 300        | 300       | 2,490              | 150                | 2,640              | 0                                     | 0                  | 212                    | 0          | 2,428            | 0                          | )        | 0       | 0     | 0                        | 0 | 2,640              |
|                  |         |  |          |        |         |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |          |         |       |                          |   |                    |

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| 1        |   |       |       |      |        |        |            |           |          |           |           | 1         |                         |           |             |            |          |                 |         |         |      |                 |           |           |
|----------|---|-------|-------|------|--------|--------|------------|-----------|----------|-----------|-----------|-----------|-------------------------|-----------|-------------|------------|----------|-----------------|---------|---------|------|-----------------|-----------|-----------|
|          |   |       |       |      | ,      | Curre  | ent and Fu | ture Year | Cash Flo | v Commitn | nents     |           |                         | Cur       | rent and F  | uture Year | Cash Flo | ow Comm         | itments | Finance | d By |                 | <b></b> _ |           |
| Sub- P   | roject No. Project Name                           |       |       |      |        |        |            |           |          | Total     | Total     | Total     | Provincial              | Federal r | Development |            | Reserve  | Capital<br>from |         |         |      | Debt<br>Recover |           | Total     |
|          | ubProj No. Sub-project Name                       | Ward  | Stat. | Cat. | 2017   | 2018   | 2019       | 2020      | 2021     | 2017-2021 | 2022-2026 | 2017-2026 | Grants and<br>Subsidies | Subsidy   | Charges     | Reserves   | Funds    | Current         | Other 1 | Other2  | Deb  | ot              |           | Financing |
| WAS90696 | 60 STREAM RESTORATION & EROSION CO                | DNTRC |       |      |        |        |            |           |          |           |           |           |                         |           |             |            |          |                 |         |         |      |                 |           |           |
| 0 54     | STUDY, EA, MASTER PLAN UPDATES -<br>FUTURE        | CW    | S6    | 03   | 0      | 0      | 0          | 0         | 0        | 0         | 2,500     | 2,500     | 0                       | 0         | 200         | 0          | 2,300    | 0               |         | 0       | 0    | 0               | 0         | 2,500     |
|          | Sub-total   |       |       |      | 5,986  | 7,419  | 11,065     | 14,660    | 12,645   | 51,775    | 70,695    | 122,470   | 0                       | 0         | 9,861       | 0          | 112,609  | 0               |         | 0       | 0    | 0               | 0         | 122,470   |
| WAS90696 | 66 SWM TRCA FUNDING                               |       |       |      |        |        |            |           |          |           |           |           |                         |           |             |            |          |                 |         |         |      |                 |           |           |
| 08       | 10 YEAR TRCA FUNDING                              | CW    | S6    | 04   | 0      | 4,382  | 4,491      | 4,604     | 4,719    | 18,196    | 25,425    | 43,621    | 0                       | 0         | 3,511       | 0          | 40,110   | 0               |         | 0       | 0    | 0               | 0         | 43,621    |
| 0 23     | TORONTO WATER TRANSFER TO TRCA<br>CAPITAL-2017 SC | CW    | S3    | 04   | 4,275  | 0      | 0          | 0         | 0        | 4,275     | 0         | 4,275     | 0                       | 0         | 344         | 0          | 3,931    | 0               |         | 0       | 0    | 0               | 0         | 4,275     |
|          | Sub-total   |       |       |      | 4,275  | 4,382  | 4,491      | 4,604     | 4,719    | 22,471    | 25,425    | 47,896    | 0                       | 0         | 3,855       | 0          | 44,041   | 0               |         | 0       | 0    | 0               | 0         | 47,896    |
| WAS9069  | 68 ENGINEERING                                    |       |       |      |        |        |            |           |          |           |           |           |                         |           |             |            |          |                 |         |         |      |                 |           |           |
| 0 2      | CONSULTING FEES                                   | CW    | S2    | 03   | 13,978 | 9,453  | 6,307      | 5,554     | 1,313    | 36,605    | 0         | 36,605    | 0                       | 0         | 0           | 0          | 36,605   | 0               |         | 0       | 0    | 0               | 0         | 36,605    |
| 0 59     | ROAD RESTORATION                                  | CW    | S2    | 03   | 1,838  | 0      | 0          | 0         | 0        | 1,838     | 0         | 1,838     | 0                       | 0         | 0           | 0          | 1,838    | 0               |         | 0       | 0    | 0               | 0         | 1,838     |
| 0 64     | CONSULTING FEES                                   | CW    | S3    | 03   | -2,100 | 3,094  | 5,430      | 17        | 1,334    | 7,775     | 2,265     | 10,040    | 0                       | 0         | 0           | 0          | 10,040   | 0               |         | 0       | 0    | 0               | 0         | 10,040    |
| 0 65     | ECS SALARIES                                      | CW    | S3    | 03   | 13,936 | 0      | 0          | 0         | 0        | 13,936    | 0         | 13,936    | 0                       | 0         | 0           | 0          | 13,936   | 0               |         | 0       | 0    | 0               | 0         | 13,936    |
| 0 66     | ROAD RESTORATION- 2017 SC                         | CW    | S3    | 03   | -1,038 | 800    | 0          | 0         | 0        | -238      | 0         | -238      | 0                       | 0         | 0           | 0          | -238     | 0               |         | 0       | 0    | 0               | 0         | -238      |
|          | Sub-total   |       |       |      | 26,614 | 13,347 | 11,737     | 5,571     | 2,647    | 59,916    | 2,265     | 62,181    | 0                       | 0         | 0           | 0          | 62,181   | 0               |         | 0       | 0    | 0               | 0         | 62,181    |
| WAS9069  | 73 SEWER REPLACEMENT PROGRAM                      |       |       |      |        |        |            |           |          |           |           |           |                         |           |             |            |          |                 |         |         |      |                 |           |           |
| 03       | 10YR SEWER REPLACEMENT                            | CW    | S6    | 03   | 0      | 0      | 9,000      | 15,000    | 15,000   | 39,000    | 75,000    | 114,000   | 0                       | 0         | 5,001       | 0          | 108,999  | 0               |         | 0       | 0    | 0               | 0         | 114,000   |
| 0 24     | FORCEMAIN REPLACEMENT                             | CW    | S2    | 03   | 10     | 0      | 0          | 0         | 0        | 10        | 0         | 10        | 0                       | 0         | 0           | 0          | 10       | 0               |         | 0       | 0    | 0               | 0         | 10        |
| 0 25     | 2012 SEWER REPLC                                  | CW    | S2    | 03   | 415    | 0      | 0          | 0         | 0        | 415       | 0         | 415       | 0                       | 0         | 0           | 0          | 415      | 0               |         | 0       | 0    | 0               | 0         | 415       |
| 0 35     | 2013 SEWER REPLC                                  | CW    | S2    | 03   | 1      | 0      | 0          | 0         | 0        | 1         | 0         | 1         | 0                       | 0         | 0           | 0          | 1        | 0               |         | 0       | 0    | 0               | 0         | 1         |
| 0 36     | SEWER REPLC - 2014 PROGRAM                        | CW    | S2    | 03   | 631    | 0      | 0          | 0         | 0        | 631       | 0         | 631       | 0                       | 0         | 2           | 0          | 629      | 0               |         | 0       | 0    | 0               | 0         | 631       |
| 0 37     | FORCEMAIN REPLACEMENT - FUTURE                    | CW    | S6    | 03   | 0      | 0      | 0          | 1,000     | 2,000    | 3,000     | 10,000    | 13,000    | 0                       | 0         | 0           | 0          | 13,000   | 0               |         | 0       | 0    | 0               | 0         | 13,000    |
| 0 46     | EBF REPORT  | CW    | S2    | 04   | 41     | 0      | 0          | 0         | 0        | 41        | 0         | 41        | 0                       | 0         | 27          | 0          | 14       | 0               |         | 0       | 0    | 0               | 0         | 41        |
| 0 52     | SEWER REPLACEMENT - METROLINX                     | CW    | S2    | 03   | 1,951  | 1,900  | 1,786      | 0         | 0        | 5,637     | 0         | 5,637     | 0                       | 0         | 0           | 0          | 5,637    | 0               |         | 0       | 0    | 0               | 0         | 5,637     |
| 0 55     | SEWER REPLACEMENT - LESLIE ST 20<br>SC            | 17 CW | S3    | 03   | 147    | 0      | 0          | 0         | 0        | 147       | 0         | 147       | 0                       | 0         | 12          | 0          | 135      | 0               |         | 0       | 0    | 0               | 0         | 147       |
| 0 62     | SEWER REPLC - 2015 PROGRAM                        | CW    | S2    | 03   | 1,511  | 182    | 0          | 0         | 0        | 1,693     | 0         | 1,693     | 0                       | 0         | 137         | 0          | 1,556    | 0               |         | 0       | 0    | 0               | 0         | 1,693     |
| 0 71     | SEWER REPLC - 2016 PROGRAM                        | CW    | S2    | 03   | 10,222 | 4,610  | 0          | 0         | 0        | 14,832    | 0         | 14,832    | 0                       | 0         | 1,194       | 0          | 13,638   | 0               |         | 0       | 0    | 0               | 0         | 14,832    |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|    |         |   |        |       |        |        | Curr   | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                | rent and Fu            | uture Year (  | Cash Flo         | w Comm                     | itments | Financed | Ву  |                     |                    |
|----|---------|---|--------|-------|--------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|---------------|------------------|----------------------------|---------|----------|-----|---------------------|--------------------|
| _  |         | <u>oject No. Project Name</u><br>bProj No. Sub-project Name | Ward   | Stat. | . Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | F<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Re  | Debt -<br>coverable | Total<br>Financing |
| WA | S906973 | SEWER REPLACEMENT PROGRAM                                   |        |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |     |                     |                    |
| 0  | 75      | FORCEMAIN REPLACEMENT - 2016                                | CW     | S2    | 03     | 3,475  | 10,000 | 9,900      | 50         | 50       | 23,475             | 0                  | 23,475             | C                                     | 0                  | 0                      | 0             | 23,475           | 0                          | ) (     | 0 0      | C   | 0                   | 23,475             |
| 0  | 78      | SEWER REPLC - 2017 PROGRAM                                  | CW     | S4    | 03     | 4,898  | 2,047  | 1,257      | 0          | 0        | 8,202              | 0                  | 8,202              | C                                     | 0                  | 660                    | 0             | 7,542            | 0                          | ) (     | 0 0      | C   | 0                   | 8,202              |
| 0  | 79      | SEWER REPLC - 2018 PROGRAM                                  | CW     | S6    | 03     | 0      | 4,266  | 1,216      | 608        | 0        | 6,090              | 0                  | 6,090              | O                                     | 0                  | 267                    | 0             | 5,823            | 0                          | ) (     | 0 0      | C   | 0                   | 6,090              |
| 0  | 81      | SEWER REPLC - 2014 PROGRAM - 201<br>SC                      | 7 CW   | S3    | 03     | -607   | 335    | 0          | 0          | 0        | -272               | 0                  | -272               | C                                     | 0                  | 27                     | 0             | -299             | 0                          | ) (     | 0 0      | C   | 0                   | -272               |
| 0  | 82      | SEWER REPLACEMENT - METROLINX 2017 SC                       | - CW   | S3    | 03     | -1,759 | -1,708 | 175        | 1,916      | 1,916    | 540                | 0                  | 540                | C                                     | 0                  | 0                      | 0             | 540              | 0                          | ) (     | 0 0      | C   | 0                   | 540                |
| 0  | 83      | FORCEMAIN REPLACEMENT- 2017 SC                              | CW     | S3    | 03     | -5     | 25     | 0          | 0          | 0        | 20                 | 0                  | 20                 | C                                     | 0                  | 0                      | 0             | 20               | 0                          | ) (     | 0 0      | C   | 0                   | 20                 |
| 0  | 84      | 2012 SEWER REPLC- 2017 SC                                   | CW     | S3    | 03     | -393   | 100    | 0          | 0          | 0        | -293               | 0                  | -293               | O                                     | 0                  | 0                      | 0             | -293             | 0                          | ) (     | 0 0      | C   | 0                   | -293               |
| 0  | 85      | EBF REPORT- 2017 SC   | CW     | S3    | 04     | 959    | 0      | 0          | 0          | 0        | 959                | 0                  | 959                | C                                     | 0                  | 627                    | 0             | 332              | 0                          | ) (     | 0 0      | C   | 0                   | 959                |
| 0  | 86      | EBF REPORT- 2017 SC   | CW     | S3    | 04     | 4,442  | 0      | 0          | 0          | 0        | 4,442              | 0                  | 4,442              | C                                     | 0                  | 2,905                  | 0             | 1,537            | 0                          | ) (     | 0 0      | C   | 0                   | 4,442              |
| 0  | 87      | SEWER REPLC - 2015 PROGRAM- 2017<br>SC                      | 7 CW   | S3    | 03     | 314    | 505    | 0          | 0          | 0        | 819                | 0                  | 819                | C                                     | 0                  | 65                     | 0             | 754              | 0                          | ) (     | 0 0      | C   | 0                   | 819                |
| 0  | 88      | SEWER REPLC - 2016 PROGRAM- 2017<br>SC                      | 7 CW   | S3    | 03     | -4,021 | 4,788  | 0          | 0          | 0        | 767                | 0                  | 767                | C                                     | 0                  | 62                     | 0             | 705              | 0                          | ) (     | 0 0      | C   | 0                   | 767                |
| 0  | 89      | FORCEMAIN REPLACEMENT - 2016- 20<br>SC                      | 017 CW | S3    | 03     | -3,100 | 900    | 1,000      | -25        | -25      | -1,250             | 0                  | -1,250             | C                                     | 0                  | 0                      | 0             | -1,250           | 0                          | ) (     | 0 0      | C   | 0                   | -1,250             |
|    |         | Sub-total   |        |       |        | 19,132 | 27,950 | 24,334     | 18,549     | 18,941   | 108,906            | 85,000             | 193,906            | 0                                     | 0                  | 10,986                 | 0             | 182,920          | 0                          | ) (     | 0 0      | ) ( | ) (                 | 193,906            |
| WA | S906980 | ASHBRIDGES BAY T.P. YR2006                                  |        |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |     |                     |                    |
| 0  | 9       | DEWATERING EQUIPMENT UPGRADES                               | S CW   | S2    | 03     | 1,248  | 0      | 0          | 0          | 0        | 1,248              | 0                  | 1,248              | O                                     | 0                  | 100                    | 0             | 1,148            | 0                          | ) (     | 0 0      | C   | 0                   | 1,248              |
| 0  | 42      | DEWATERING EQUIPMENT UPGRADES<br>2017 SC                    | 6- CW  | S3    | 03     | -1,248 | 0      | 0          | 0          | 0        | -1,248             | 0                  | -1,248             | C                                     | 0                  | -100                   | 0             | -1,148           | 0                          | ) (     | 0 0      | C   | 0                   | -1,248             |
|    |         | Sub-total   |        |       |        | 0      | 0      | 0          | 0          | 0        | 0                  | 0                  | 0                  | 0                                     | 0                  | 0                      | 0             | 0                | 0                          | ) (     | 0 0      | )   | ) (                 | 0                  |
| WA | S906981 | HIGHLAND CREEK WWTP UPGRADES                                |        |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |     |                     |                    |
| 0  | 1       | PROCESS & FACILITY UPGRADE                                  | CW     | S2    | 04     | 2,970  | 720    | 615        | 848        | 640      | 5,793              | 35                 | 5,828              | O                                     | 0                  | 0                      | 0             | 5,828            | 0                          | ) (     | 0 0      | C   | 0                   | 5,828              |
| 0  | 3       | BIOSOLIDS TREATMENT UPGRADES                                | CW     | S2    | 03     | 10,075 | 120    | 120        | 70         | 0        | 10,385             | 0                  | 10,385             | C                                     | 0                  | 842                    | 0             | 9,543            | 0                          | ) (     | 0 0      | C   | 0                   | 10,385             |
| 0  | 5       | TRANSFORMERS AND SWITCHGEAR                                 | CW     | S2    | 05     | 510    | 500    | 0          | 0          | 0        | 1,010              | 0                  | 1,010              | C                                     | 0                  | 81                     | 0             | 929              | 0                          | ) (     | 0 0      | C   | 0                   | 1,010              |
| 0  | 7       | MECH & ELECTRICAL UPGRADE<br>ENGINEERING                    | CW     | S2    | 03     | 671    | 0      | 0          | 0          | 0        | 671                | 0                  | 671                | 0                                     | 0                  | 0                      | 0             | 671              | 0                          | ) (     | 0 0      | C   | 0                   | 671                |
| 0  | 8       | DIGESTER GAS SYSTEM UPGRADES                                | CW     | S2    | 03     | 9,238  | 2,525  | 1,300      | 0          | 0        | 13,063             | 0                  | 13,063             | O                                     | 0                  | 0                      | 0             | 13,063           | 0                          | ) (     | 0 0      | C   | 0                   | 13,063             |
| 0  | 23      | ELECTRICAL UPGRADES - ECAR                                  | CW     | S2    | 03     | 1,117  | 650    | 7,230      | 1,210      | 0        | 10,207             | 0                  | 10,207             | 0                                     | 0                  | 0                      | 0             | 10,207           | 0                          | ) (     | 0 0      | (   | 0                   | 10,207             |
| 4  |         |   |        |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |         |          |     |                     |                    |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |     |  |      |            |      |        | Curre  | ont and Fi | uture Year | Cash Floy |                    | nonts              |                    |                                       | Cur                | ront and E             | uture Year ( | Cash Elo         | w Comm                     | itmonte l  | Financod | By                         |        |                    |
|--------------------|-----|--|------|------------|------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------|------------------|----------------------------|------------|----------|----------------------------|--------|--------------------|
|                    |     |  |      |            |      |        | Curre  |            |            |           | v commu            |                    |                    |                                       | Cui                | rent and F             | uture rear   |                  |                            |            | Indiceu  | -                          | $\neg$ |                    |
| <u>Sub</u><br>Prio |     | <u>ject No. Project Name</u><br>pProj No. Sub-project Name | Ward | Stat       | Cat  | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves     | Reserve<br>Funds | Capital<br>from<br>Current | Other 1    | Other2   | Debt -<br>Recovera<br>Debt |        | Total<br>Financing |
|                    | -   | HIGHLAND CREEK WWTP UPGRADES                               | mara | olul.      | 001. |        |        |            |            |           | 2011 2021          |                    | 2011 2020          | Subsidies                             |                    |                        |              |                  |                            |            |          |                            | Ť      |                    |
| 0                  | 31  | ELEC SYSTEM UPGRADES - CONSTR                              | CW   | S2         | 03   | 390    | 0      | 0          | 0          | 0         | 390                | 0                  | 390                | 0                                     | 0                  | 0                      | 0            | 390              | 0                          | ) 0        | 0 0      | 0                          | 0      | 390                |
| 0                  | 32  | CEPA COMPLIANCE - CL NOTICE - HCTF                         | P CW | S2         | 02   | 998    | 1,500  | 0          | 0          | 0         | 2,498              | 0                  | 2,498              | 0                                     | 0                  | 0                      | 0            | 2,498            | 0                          | ) 0        | 0 0      | 0                          | 0      | 2,498              |
| 0                  | 80  | DIGESTER CLEANING, REHAB AND<br>IMPROVEMENTS #4-7          | CW   | S2         | 03   | 250    | 124    | 81         | 85         | 0         | 540                | 0                  | 540                | 0                                     | 0                  | 0                      | 0            | 540              | 0                          | ) 0        | 0 0      | 0                          | 0      | 540                |
| 0                  | 90  | PROCESS IMPROVEMENTS (ROADMAP<br>FOR RCM)                  | CW   | S2         | 03   | 245    | 0      | 0          | 0          | 0         | 245                | 0                  | 245                | 0                                     | 0                  | 0                      | 0            | 245              | 0                          | ) 0        | 0 0      | 0                          | 0      | 245                |
| 0                  | 91  | PROCESS, EQUIPMENT, FACILITY<br>UPGRADES                   | CW   | S2         | 03   | 1,240  | 0      | 0          | 0          | 0         | 1,240              | 0                  | 1,240              | 0                                     | 0                  | 0                      | 0            | 1,240            | 0                          | 0          | 0 0      | 0                          | 0      | 1,240              |
| 0                  | 92  | LIQUID TRAIN REPAIRS - PHASE 1                             | CW   | S2         | 03   | 5,851  | 4,656  | 1,400      | 0          | 0         | 11,907             | 0                  | 11,907             | 0                                     | 0                  | 0                      | 0            | 11,907           | 0                          | 0          | 0 0      | 0                          | 0      | 11,907             |
| 0                  | 101 | AERATION SYSTEM AND ASSOCIATED<br>BUILDING UPGRADES        | CW   | S2         | 04   | 10,090 | 12,000 | 12,000     | 10,900     | 10,000    | 54,990             | 0                  | 54,990             | 0                                     | 0                  | 0                      | 0            | 54,990           | 0                          | ) 0        | 0 0      | 0                          | 0      | 54,990             |
| 0                  | 102 | LIQUID TRAIN - ENGINEERING                                 | CW   | S2         | 03   | 8,100  | 6,500  | 8,600      | 3,700      | 3,100     | 30,000             | 18,680             | 48,680             | 0                                     | 0                  | 0                      | 0            | 48,680           | 0                          | 0          | 0 0      | 0                          | 0      | 48,680             |
| 0                  | 103 | LIQUID TRAIN - CONSTRUCTION                                | CW   | S6         | 04   | 0      | 0      | 0          | 0          | 0         | 0                  | 122,000            | 122,000            | 0                                     | 0                  | 0                      | 0            | 122,000          | 0                          | ) 0        | 0 0      | 0                          | 0      | 122,000            |
| 0                  | 104 | PROCESS & FACILITY UPGRADE -<br>FUTURE                     | CW   | S6         | 03   | 0      | 0      | 500        | 500        | 500       | 1,500              | 2,500              | 4,000              | 0                                     | 0                  | 0                      | 0            | 4,000            | 0                          | ) 0        | 0 0      | 0                          | 0      | 4,000              |
| 0                  | 105 | LIQUID TRAIN REPAIRS - PHASE 2                             | CW   | S6         | 03   | 0      | 0      | 0          | 0          | 0         | 0                  | 41,100             | 41,100             | 0                                     | 0                  | 0                      | 0            | 41,100           | 0                          | ) 0        | 0 0      | 0                          | 0      | 41,100             |
| 0                  | 123 | COMMUNICATION SYSTEM                                       | CW   | S2         | 04   | 400    | 650    | 1,900      | 400        | 50        | 3,400              | 0                  | 3,400              | 0                                     | 0                  | 0                      | 0            | 3,400            | 0                          | ) 0        | 0 0      | 0                          | 0      | 3,400              |
| 0                  | 124 | BIOSOLIDS TREATMENT UPGRADES<br>-2017 SC                   | CW   | S3         | 03   | -4,575 | 3,567  | -99        | -70        | 0         | -1,177             | 0                  | -1,177             | 0                                     | 0                  | -97                    | 0            | -1,080           | 0                          | ) 0        | 0 0      | 0                          | 0      | -1,177             |
| 0                  | 125 | TRANSFORMERS AND<br>SWITCHGEAR-2017 SC                     | CW   | S3         | 05   | -500   | -310   | 800        | 500        | 0         | 490                | 0                  | 490                | 0                                     | 0                  | 39                     | 0            | 451              | 0                          | 0          | 0 0      | 0                          | 0      | 490                |
| 0                  | 126 | ELEC SYSTEM UPGRADES -<br>CONSTR-2017 SC                   | CW   | <b>S</b> 3 | 03   | -350   | 0      | 0          | 0          | 0         | -350               | 0                  | -350               | 0                                     | 0                  | 0                      | 0            | -350             | 0                          | ) 0        | 0 0      | 0                          | 0      | -350               |
| 0                  | 127 | CEPA COMPLIANCE - CL NOTICE -<br>HCTP-2017 SC              | CW   | <b>S</b> 3 | 02   | -498   | -200   | 4,000      | 1,300      | 550       | 5,152              | 50                 | 5,202              | 0                                     | 0                  | 0                      | 0            | 5,202            | 0                          | ) 0        | 0 0      | 0                          | 0      | 5,202              |
| 0                  | 128 | DIGESTER GAS SYSTEM<br>UPGRADES-2017 SC                    | CW   | S3         | 03   | -4,138 | 2,552  | 3,700      | 5,500      | 0         | 7,614              | 0                  | 7,614              | 0                                     | 0                  | 0                      | 0            | 7,614            | 0                          | ) 0        | 0 0      | 0                          | 0      | 7,614              |
| 0                  | 129 | LIQUID TRAIN - ENGINEERING-2017 SC                         | CW   | S3         | 03   | -6,000 | -4,200 | 100        | 0          | 0         | -10,100            | 11,800             | 1,700              | 0                                     | 0                  | 0                      | 0            | 1,700            | 0                          | ) 0        | 0 0      | 0                          | 0      | 1,700              |
| 0                  | 130 | LIQUID TRAIN REPAIRS - PHASE 1-2017<br>SC                  | CW   | <b>S</b> 3 | 03   | -5,001 | 500    | 1,600      | 2,000      | 900       | -1                 | 0                  | -1                 | 0                                     | 0                  | 0                      | 0            | -1               | 0                          | <i>)</i> 0 | 0 0      | 0                          | 0      | -1                 |
| 0                  | 131 | AERATION SYSTEM&ASSOCIATED BLDC<br>UPGRADES -2017 SC       | G CW | <b>S</b> 3 | 04   | -8,090 | 2,000  | 2,000      | 2,000      | 2,100     | 10                 | 0                  | 10                 | 0                                     | 0                  | 0                      | 0            | 10               | 0                          | <i>)</i> 0 | 0 0      | 0                          | 0      | 10                 |
| 0                  | 132 | PROCESS & FACILITY UPGRADE- 2017<br>SC                     | CW   | S3         | 04   | -1,912 | 1,426  | 400        | 209        | 512       | 635                | 0                  | 635                | 0                                     | 0                  | 0                      | 0            | 635              | 0                          | 0          | 0 0      | 0                          | 0      | 635                |
| 0                  | 133 | MECH & ELECTRICAL UPGRADE<br>ENGINEERING- 2017 SC          | CW   | S3         | 03   | -357   | 120    | 0          | 0          | 0         | -237               | 0                  | -237               | 0                                     | 0                  | 0                      | 0            | -237             | 0                          | ) 0        | 0 0      | 0                          | 0      | -237               |
| 0                  | 134 | ELECTRICAL UPGRADES - ECAR- 2017<br>SC                     | CW   | S3         | 03   | -634   | 173    | -2,430     | -1,210     | 0         | -4,101             | 0                  | -4,101             | 0                                     | 0                  | 0                      | 0            | -4,101           | 0                          | ) 0        | 0 0      | 0                          | 0      | -4,101             |
| 0                  | 135 | DIGESTER CLEANING REHAB<br>IMPROVEMENTS #4-7- 2017 SC      | CW   | S3         | 03   | 0      | -30    | 39         | -39        | 15        | -15                | 14                 | -1                 | 0                                     | 0                  | 0                      | 0            | -1               | 0                          | ) 0        | 0 0      | 0                          | 0      | -1                 |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |   |      |            |      |        | Curre  | ent and Fu | iture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                | rent and Fu              | ture Year (   | Cash Flo         | w Comm                     | nitments | Financed | Ву                   |   |                    |
|--------------------|--------|---|------|------------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|--------------------------|---------------|------------------|----------------------------|----------|----------|----------------------|---|--------------------|
| <u>Sut</u><br>Pric |        | <u>iject No. Project Name</u><br>pProj No. Sub-project Name | Ward | Stat.      | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges I | F<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1  | Other2   | Deb<br>Recov<br>Debt |   | Total<br>Financing |
| WAS                | 906981 | HIGHLAND CREEK WWTP UPGRADES                                |      |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                          |               |                  |                            |          |          |                      |   |                    |
| 0                  | 136    | PROCESS IMPROVEMENTS (ROADMAP<br>FOR RCM)- 2017 SC          | CW   | S3         | 03   | -195   | 100    | 100        | 0          | 0        | 5                  | 0                  | 5                  | C                                     | 0                  | 0                        | 0             | 5                | C                          | ) (      | 0 0      | 0                    | 0 | 5                  |
| 0                  | 137    | PROCESS, EQUIPMENT, FACILITY<br>UPGRADES- 2017 SC           | CW   | S3         | 03   | -1,240 | 0      | 0          | 0          | 0        | -1,240             | 0                  | -1,240             | C                                     | 0                  | 0                        | 0             | -1,240           | C                          | ) (      | 0 0      | 0                    | 0 | -1,240             |
| 0                  | 138    | COMMUNICATION SYSTEM- 2017 SC                               | CW   | <b>S</b> 3 | 04   | -300   | -475   | -1,425     | 1,100      | 1,200    | 100                | 50                 | 150                | O                                     | 0                  | 0                        | 0             | 150              | (                          | ) (      | 0 0      | 0                    | 0 | 150                |
|                    |        | Sub-total   |      |            |      | 18,355 | 35,168 | 42,531     | 29,003     | 19,567   | 144,624            | 196,229            | 340,853            | 0                                     | 0                  | 865                      | 0             | 339,988          | C                          | ) (      | 0 0      | 0                    | 0 | 340,853            |
| WAS                | 906982 | HUMBER WWTP UPGRADES  |      |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                          |               |                  |                            |          |          |                      |   |                    |
| 0                  | 2      | CHLORINE FACILITY UPGRADE                                   | CW   | S2         | 01   | 451    | 0      | 0          | 0          | 0        | 451                | 0                  | 451                | C                                     | 0                  | 0                        | 0             | 451              | C                          | ) (      | 0 0      | 0                    | 0 | 451                |
| 0                  | 5      | FLOOD PROTECTION  | CW   | S2         | 02   | 180    | 0      | 0          | 0          | 0        | 180                | 0                  | 180                | o                                     | 0                  | 0                        | 0             | 180              | (                          | ) (      | 0 0      | 0                    | 0 | 180                |
| 0                  | 6      | NEW SUBSTATION  | CW   | S2         | 03   | 42     | 5      | 0          | 0          | 0        | 47                 | 0                  | 47                 | C                                     | 0                  | 0                        | 0             | 47               | C                          | ) (      | 0 0      | 0                    | 0 | 47                 |
| 0                  | 7      | ELECTRICAL CONDITION ASSESSMENT<br>RECOMMENDATIONS          | CW   | S2         | 01   | 2,885  | 2,200  | 1,100      | 23         | 23       | 6,231              | 0                  | 6,231              | C                                     | 0                  | 0                        | 0             | 6,231            | (                          | ) (      | 0 0      | 0                    | 0 | 6,231              |
| 0                  | 29     | ADMIN BUILDING EXPANSION -<br>ENGINEERING                   | CW   | S2         | 04   | 670    | 410    | 160        | 25         | 25       | 1,290              | 0                  | 1,290              | C                                     | 0                  | 0                        | 0             | 1,290            | C                          | ) (      | 0 0      | 0                    | 0 | 1,290              |
| 0                  | 52     | HVAC UPGRADES   | CW   | S2         | 03   | 7,390  | 667    | 17         | 0          | 0        | 8,074              | 0                  | 8,074              | C                                     | 0                  | 0                        | 0             | 8,074            | (                          | ) (      | 0 0      | 0                    | 0 | 8,074              |
| 0                  | 81     | BLOWER REPLACEMENT  | CW   | S2         | 03   | 475    | 0      | 100        | 200        | 750      | 1,525              | 17,350             | 18,875             | C                                     | 0                  | 0                        | 0             | 18,875           | C                          | ) (      | 0 0      | 0                    | 0 | 18,875             |
| 0                  | 82     | DIGESTERS CLEANING REHAB                                    | CW   | S6         | 03   | 0      | 550    | 1,400      | 1,500      | 1,500    | 4,950              | 1,550              | 6,500              | C                                     | 0                  | 0                        | 0             | 6,500            | C                          | ) (      | 0 0      | 0                    | 0 | 6,500              |
| 0                  | 83     | ELECTRICAL UPGRADES - FUTURE                                | CW   | S6         | 01   | 0      | 0      | 0          | 0          | 400      | 400                | 1,800              | 2,200              | C                                     | 0                  | 0                        | 0             | 2,200            | C                          | ) (      | 0 0      | 0                    | 0 | 2,200              |
| 0                  | 84     | DIGESTER CLEANING & REHAB -<br>FUTURE                       | CW   | S6         | 03   | 0      | 0      | 0          | 0          | 0        | 0                  | 5,150              | 5,150              | C                                     | 0                  | 0                        | 0             | 5,150            | C                          | ) (      | 0 0      | 0                    | 0 | 5,150              |
| 0                  | 95     | REPLACEMENT OF WASTE GAS<br>BURNERS                         | CW   | S2         | 03   | 1,509  | 0      | 0          | 0          | 0        | 1,509              | 0                  | 1,509              | C                                     | 0                  | 0                        | 0             | 1,509            | (                          | ) (      | 0 0      | 0                    | 0 | 1,509              |
| 0                  | 99     | WET WEATHER FLOW  | CW   | S2         | 04   | 2,315  | 1,450  | 1,000      | 0          | 0        | 4,765              | 0                  | 4,765              | o                                     | 0                  | 0                        | 0             | 4,765            | C                          | ) (      | 0 0      | 0                    | 0 | 4,765              |
| 0                  | 101    | FLOOD PROTECTION-2017 SC                                    | CW   | S3         | 02   | 20     | 0      | 0          | 0          | 0        | 20                 | 0                  | 20                 | C                                     | 0                  | 0                        | 0             | 20               | C                          | ) (      | 0 0      | 0                    | 0 | 20                 |
| 0                  | 102    | HVAC UPGRADES-2017 SC                                       | CW   | S3         | 03   | -2,598 | 3,483  | 2,133      | 17         | 17       | 3,052              | 0                  | 3,052              | C                                     | 0                  | 0                        | 0             | 3,052            | C                          | ) (      | 0 0      | 0                    | 0 | 3,052              |
| 0                  | 103    | BLOWER REPLACEMENT-2017 SC                                  | CW   | <b>S</b> 3 | 03   | -225   | 250    | 0          | 0          | 0        | 25                 | 0                  | 25                 | C                                     | 0                  | 0                        | 0             | 25               | C                          | ) (      | 0 0      | 0                    | 0 | 25                 |
| 0                  | 104    | REPLACEMENT OF WASTE GAS<br>BURNERS-2017 SC                 | CW   | S3         | 03   | -1,159 | 1,800  | 4,500      | 2,700      | 50       | 7,891              | 50                 | 7,941              | C                                     | 0                  | 0                        | 0             | 7,941            | C                          | ) (      | 0 0      | 0                    | 0 | 7,941              |
| 0                  | 105    | WET WEATHER FLOW-2017 SC                                    | CW   | S3         | 04   | -1,715 | 250    | 500        | 1,000      | 0        | 35                 | 0                  | 35                 | C                                     | 0                  | 0                        | 0             | 35               | (                          | ) (      | 0 0      | 0                    | 0 | 35                 |
| 0                  | 107    | MESI UPGRADES   | CW   | S4         | 03   | 500    | 500    | 500        | 500        | 500      | 2,500              | 0                  | 2,500              | C                                     | 0                  | 0                        | 0             | 2,500            | C                          | ) (      | 0 0      | 0                    | 0 | 2,500              |
| 0                  | 108    | BUILDING UPGRADES ENGINEERING-<br>2017 SC                   | CW   | S3         | 03   | 30     | 100    | 0          | 0          | 0        | 130                | 0                  | 130                | C                                     | 0                  | 0                        | 0             | 130              | C                          | ) (      | 0 0      | 0                    | 0 | 130                |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|             |        |  |                  |       |       |      |        | Curr   | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              | [                  |                                       | Cur                  | rent and F             | uture Year | Cash Flo         | w Comm          | itments I | Financed | By       |   |                    |
|-------------|--------|--|------------------|-------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|------------|------------------|-----------------|-----------|----------|----------|---|--------------------|
|             |        |  |                  |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  | Capital         |           |          | ,<br>Deb | - |                    |
| Sub<br>Pric |        | ject No. Project Nam<br>Proj No. Sub-project I |                  | Ward  | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | from<br>Current | Other 1   | Other2   | Recove   |   | Total<br>Financing |
| WAS         | 906982 | HUMBER WWTP UPGR/                              | ADES             |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                 |           |          |          |   |                    |
| 0           | 109    | CHLORINE FACILITY UF                           | GRADE- 2017 SC   | C CW  | S3    | 01   | -390   | 638    | 0          | 0          | 0        | 248                | 0                  | 248                | O                                     | 0 0                  | 0                      | 0          | 248              | 0               | ) (       | 0 0      | 0        | 0 | 248                |
| 0           | 110    | ELECTRICAL CONDITIO<br>RECOM- 2017 SC          | N ASSESSMENT     | CW    | S3    | 01   | -1,232 | 275    | 1,610      | 0          | 0        | 653                | 0                  | 653                | 0                                     | 0 0                  | 0                      | 0          | 653              | 0               | ) (       | ) 0      | 0        | 0 | 653                |
| 0           | 111    | NEW SUBSTATION- 201                            | 7 SC             | CW    | S3    | 03   | -4     | 0      | 0          | 0          | 0        | -4                 | 0                  | -4                 | o                                     | 0 0                  | 0                      | 0          | -4               | 0               | ) (       | 0 0      | 0        | 0 | -4                 |
| 0           | 112    | NEW GROUNDSKEEPIN<br>2017 SC                   | IG BUILDING-     | CW    | S3    | 01   | 17     | 0      | 0          | 0          | 0        | 17                 | 0                  | 17                 | C                                     | 0 0                  | 0                      | 0          | 17               | 0               | ) (       | ) 0      | 0        | 0 | 17                 |
| 0           | 113    | ADMIN BUILDING EXPAI<br>ENGINEERING- 2017 SC   |                  | CW    | S3    | 04   | -387   | 90     | 445        | 475        | 418      | 1,041              | 20                 | 1,061              | O                                     | 0 0                  | 0                      | 0          | 1,061            | 0               | ) (       | ) 0      | 0        | 0 | 1,061              |
| 0           | 114    | FIELD OFFICE- 2017 SC                          |                  | CW    | S3    | 03   | 322    | 0      | 0          | 0          | 0        | 322                | 0                  | 322                | C                                     | 0 0                  | 0                      | 0          | 322              | 0               | ) (       | 0 0      | 0        | 0 | 322                |
| 0           | 115    | ADMIN BUILDING EXPAI                           | NSION -          | CW    | S6    | 04   | 0      | 100    | 4,000      | 3,900      | 455      | 8,455              | 0                  | 8,455              | C                                     | 0 0                  | 0                      | 0          | 8,455            | 0               | ) (       | ) 0      | 0        | 0 | 8,455              |
| 0           | 116    | SERVICE REHAB AND U                            | IPGRADES         | CW    | S4    | 03   | 500    | 1,000  | 500        | 8,250      | 8,250    | 18,500             | 8,000              | 26,500             | C                                     | 0 0                  | 0                      | 0          | 26,500           | 0               | ) (       | ) 0      | 0        | 0 | 26,500             |
|             |        | Sub-total                                      |                  |       |       |      | 9,596  | 13,768 | 17,965     | 18,590     | 12,388   | 72,307             | 33,920             | 106,227            | 0                                     | 0                    | 0                      | 0          | 106,227          | 0               | ) (       | ) 0      | 0        | 0 | 106,227            |
| WAS         | 906994 | HIGHLAND CREEK WW                              | TP - SOLIDS & G/ | AS HA |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                 |           |          |          |   |                    |
| 0           | 1      | HIGHLAND CREEK WW                              | TP - BMP         | CW    | S2    | 04   | 3,029  | 4,340  | 1,600      | 655        | 2,000    | 11,624             | 500                | 12,124             | C                                     | 0 0                  | 976                    | 0          | 11,148           | 0               | ) (       | ) 0      | 0        | 0 | 12,124             |
| 0           | 3      | WAS THICKENING - CO                            | NSTR             | CW    | S2    | 03   | 102    | 0      | 0          | 0          | 0        | 102                | 0                  | 102                | C                                     | 0 0                  | 8                      | 0          | 94               | 0               | ) (       | 0 0      | 0        | 0 | 102                |
| 0           | 8      | HIGHLAND CREEK WW                              | TP - BMP         | CW    | S6    | 04   | 0      | 0      | 0          | 10,000     | 25,000   | 35,000             | 65,000             | 100,000            | O                                     | 0 0                  | 4,388                  | 0          | 95,612           | 0               | ) (       | ) 0      | 0        | 0 | 100,000            |
| 0           | 17     | WAS THICKENING - CO                            | NSTR-2017 SC     | CW    | S3    | 03   | -52    | 504    | 0          | 0          | 0        | 452                | 0                  | 452                | o                                     | 0 0                  | 37                     | 0          | 415              | 0               | ) (       | ) 0      | 0        | 0 | 452                |
| 0           | 18     | HCTP BMP IMPLEMENT                             | ATION-2017 SC    | CW    | S3    | 04   | -2,929 | -1,840 | 900        | 1,845      | 200      | -1,824             | 5,100              | 3,276              | o                                     | 0 0                  | 263                    | 0          | 3,013            | 0               | ) (       | ) 0      | 0        | 0 | 3,276              |
|             |        | Sub-total                                      |                  |       |       |      | 150    | 3,004  | 2,500      | 12,500     | 27,200   | 45,354             | 70,600             | 115,954            | 0                                     | 0                    | 5,672                  | 0          | 110,282          | 0               | ) (       | ) 0      | 0        | 0 | 115,954            |
| WAS         | 907038 | Land Acquisition for Sour                      | ce Water Protect |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                 |           |          |          |   |                    |
| 0           | 9      | TRCA - CRITICAL EROS<br>FUTURE                 | ION SITES -      | CW    | S6    | 04   | 0      | 2,000  | 2,000      | 2,000      | 2,000    | 8,000              | 10,000             | 18,000             | O                                     | 0 0                  | 1,449                  | 0          | 16,551           | 0               | ) (       | ) 0      | 0        | 0 | 18,000             |
| 0           | 14     | TRCA - SCARBOROUGH<br>TRAIL EA                 | I WATERFRONT     | CW    | S2    | 04   | 85     | 0      | 0          | 0          | 0        | 85                 | 0                  | 85                 | C                                     | 0 0                  | 7                      | 0          | 78               | 0               | ) (       | ) 0      | 0        | 0 | 85                 |
| 0           | 21     | TRCA - WATERCOURSE<br>CONTROL                  | EROSION          | CW    | S6    | 04   | 0      | 6,000  | 7,500      | 7,500      | 7,500    | 28,500             | 43,500             | 72,000             | C                                     | 0 0                  | 5,795                  | 0          | 18,205           | 0               | ) (       | 48,000   | 0        | 0 | 72,000             |
| 0           | 25     | TRCA - SCARBOROUGH<br>WEST EA                  | I WATERFRONT     | CW    | S2    | 04   | 1,385  | 400    | 0          | 0          | 0        | 1,785              | 0                  | 1,785              | o                                     | 0 0                  | 47                     | 0          | 1,738            | 0               | ) (       | ) 0      | 0        | 0 | 1,785              |
| 0           | 27     | TRCA - CRITICAL EROS<br>SC                     | ION SITES-2017   | CW    | S3    | 04   | 8,000  | 0      | 0          | 0          | 0        | 8,000              | 0                  | 8,000              | o                                     | 0 0                  | 644                    | 0          | 7,356            | 0               | ) (       | ) 0      | 0        | 0 | 8,000              |
| 0           | 28     | TRCA - SCARBOROUGH<br>WEST EA - 2017 SC        | I WATERFRONT     | CW    | S3    | 04   | -385   | 600    | 350        | 0          | 0        | 565                | 0                  | 565                | O                                     | 0 0                  | 141                    | 0          | 424              | 0               | ) (       | ) 0      | 0        | 0 | 565                |
|             |        | Sub-total                                      |                  |       |       |      | 9,085  | 9,000  | 9,850      | 9,500      | 9,500    | 46,935             | 53,500             | 100,435            | 0                                     | 0                    | 8,083                  | 0          | 44,352           | 0               | ) (       | 48,000   | 0        | 0 | 100,435            |
| WAS         | 907097 | ASHBRIDGES BAY WW                              | rp - Building Se | ERVIC |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                 |           |          |          |   |                    |

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                    |        |                   |   |      |       |      |        | Curre  | ent and Fu | ture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                  | rent and Fu            | uture Year Cash F         | low Com                      | nitments | Financed | іВу |                    |                    |
|--------------------|--------|-------------------|---|------|-------|------|--------|--------|------------|-----------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|---------------------------|------------------------------|----------|----------|-----|--------------------|--------------------|
| <u>Sub</u><br>Prio |        |                   | Project Name<br>Sub-project Name        | Ward | Stat. | Cat. | 2017   | 2018   | 2019       | 2020      | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges | Reserve<br>Reserves Funds | Capital<br>e from<br>Current | Other 1  | Other2   | Rec | Debt -<br>overable | Total<br>Financing |
| -                  |        |                   | GES BAY WWTP - BUILDING SE              | RVIC |       |      |        |        |            |           |          |                    |                    |                    |                                       |                      |                        |                           |                              |          |          |     |                    |                    |
| 0                  | 7      |                   | LLED SUBSTANCE<br>CATION AND ABATEMENT  | CW   | S2    | 02   | 100    | 0      | 0          | 0         | 0        | 100                | 0                  | 100                | 0                                     | 0                    | 0                      | 0 10                      | 0                            | 0        | 0 0      | 0 0 | 0                  | 100                |
| 0                  | 19     | BIO GAS           | UTILIZATION                             | CW   | S2    | 04   | 1,035  | 1,300  | 2,000      | 50        | 50       | 4,435              | 0                  | 4,435              | 0                                     | 0                    | 0                      | 0 4,43                    | 5                            | 0        | 0 0      | 0 0 | 0                  | 4,435              |
| 0                  | 21     |                   | BLDG & OLD NORTH<br>ION IMPROVEMENTS    | CW   | S2    | 04   | 850    | 1,950  | 2,455      | 30        | 30       | 5,315              | 0                  | 5,315              | 0                                     | 0                    | 0                      | 0 5,31                    | 5                            | 0        | 0 0      | ) 0 | 0                  | 5,315              |
| 0                  | 40     | GROVE L           | ANDSCAPING - PHASE 2                    | CW   | S6    | 04   | 0      | 0      | 0          | 0         | 0        | 0                  | 1,300              | 1,300              | 0                                     | 0                    | 0                      | 0 1,30                    | 0                            | 0        | 0 0      | ) 0 | 0                  | 1,300              |
| 0                  | 52     |                   | LLED SUBSTANCE<br>CATION&ABATEMENT - FY | CW   | S6    | 03   | 0      | 0      | 0          | 0         | 100      | 100                | 500                | 600                | 0                                     | 0                    | 0                      | 0 60                      | 0                            | 0        | 0 0      | ) 0 | 0                  | 600                |
| 0                  | 61     |                   | LLED SUBSTANCE<br>CATION ABATE-2017 SC  | CW   | S3    | 02   | 0      | 100    | 100        | 100       | 0        | 300                | 0                  | 300                | 0                                     | 0                    | 0                      | 0 30                      | 0                            | 0        | 0 0      | 0 0 | 0                  | 300                |
| 0                  | 62     | BIO GAS           | UTILIZATION-2017 SC                     | CW   | S3    | 04   | -835   | -300   | -1,000     | 1,950     | 1,950    | 1,765              | 100                | 1,865              | 0                                     | 0                    | 0                      | 0 1,86                    | 5                            | 0        | 0 0      | ) 0 | 0                  | 1,865              |
| 0                  | 63     |                   | BLDG OLD NORTH<br>ION IMPRO - 2017 SC   | CW   | S3    | 04   | -400   | -20    | -485       | 135       | 180      | -590               | 1,055              | 465                | 0                                     | 0                    | 0                      | 0 46                      | 5                            | 0        | 0 0      | ) 0 | 0                  | 465                |
| 0                  | 64     | GROVE L           | ANDSCAPING - PHASE 1                    | CW   | S4    | 04   | 790    | 1,045  | 0          | 0         | 0        | 1,835              | 0                  | 1,835              | 0                                     | 0                    | 0                      | 0 1,83                    | 5                            | 0        | 0 0      | ) 0 | 0                  | 1,835              |
|                    |        |                   | Sub-total                               |      |       |      | 1,540  | 4,075  | 3,070      | 2,265     | 2,310    | 13,260             | 2,955              | 16,215             | 0                                     | 0                    | 0                      | 0 16,21                   | 5                            | 0        | 0 0      | 0 0 | C                  | 16,215             |
| WAS                | 907098 | ASHBRID           | GES BAY WWTP - EFFLUENT S               | YSTE |       |      |        |        |            |           |          |                    |                    |                    |                                       |                      |                        |                           |                              |          |          |     |                    |                    |
| 0                  | 1      | DISINFEC          | CTION ENGINEERING                       | CW   | S2    | 02   | 4,184  | 6,200  | 960        | 167       | 123      | 11,634             | 0                  | 11,634             | 0                                     | 0                    | 936                    | 0 10,69                   | 8                            | 0        | 0 0      | 0 0 | 0                  | 11,634             |
| 0                  | 2      | OUTFALL           | CONSTRUCTION                            | CW   | S6    | 02   | 0      | 5,000  | 30,000     | 52,000    | 57,000   | 144,000            | 183,000            | 327,000            | 0                                     | 0                    | 14,342                 | 0 312,65                  | 8                            | 0        | 0 0      | ) 0 | 0                  | 327,000            |
| 0                  | 13     | OUTFALL           | ASSESSMENT                              | CW   | S2    | 02   | 940    | 0      | 0          | 0         | 0        | 940                | 0                  | 940                | 0                                     | 0                    | 94                     | 0 84                      | 6                            | 0        | 0 0      | 0 0 | 0                  | 940                |
| 0                  | 14     | OUTFALL           | ENGINEERING                             | CW   | S2    | 02   | 8,710  | 4,500  | 5,000      | 5,000     | 5,000    | 28,210             | 6,929              | 35,139             | 0                                     | 0                    | 2,827                  | 0 32,31                   | 2                            | 0        | 0 0      | 0 0 | 0                  | 35,139             |
| 0                  | 15     | DISINFEC          | CTION SYSTEM CONSTRUCTION               | I CW | S4    | 02   | 100    | 75,000 | 90,000     | 64,900    | 0        | 230,000            | 0                  | 230,000            | 0                                     | 0                    | 18,510                 | 0 211,49                  | 0                            | 0        | 0 0      | ) 0 | 0                  | 230,000            |
| 0                  | 28     | DISINFEC          | CTION ENGINEERING-2017 SC               | CW   | S3    | 02   | -3,174 | 200    | 1,537      | 1,440     | -48      | -45                | 75                 | 30                 | 0                                     | 0                    | 2                      | 0 2                       | 8                            | 0        | 0 0      | ) 0 | 0                  | 30                 |
| 0                  | 29     | OUTFALL           | ASSESSMENT - 2017 SC                    | CW   | S3    | 02   | -940   | 0      | 0          | 0         | 0        | -940               | 0                  | -940               | 0                                     | 0                    | -94                    | 0 -84                     | 6                            | 0        | 0 0      | ) 0 | 0                  | -940               |
| 0                  | 30     | OUTFALL           | ENGINEERING- 2017 SC                    | CW   | S3    | 02   | -4,810 | 175    | -620       | -1,600    | -1,600   | -8,455             | 2,906              | -5,549             | 0                                     | 0                    | -446                   | 0 -5,10                   | 3                            | 0        | 0 0      | 0 0 | 0                  | -5,549             |
| 0                  | 31     | OUTFALL           | - SITE PREP                             | CW   | S4    | 02   | 50     | 450    | 0          | 0         | 0        | 500                | 0                  | 500                | 0                                     | 0                    | 40                     | 0 46                      | 60                           | 0        | 0 0      | 0 0 | 0                  | 500                |
|                    |        |                   | Sub-total                               |      |       |      | 5,060  | 91,525 | 126,877    | 121,907   | 60,475   | 405,844            | 192,910            | 598,754            | 0                                     | 0                    | 36,211                 | 0 562,54                  | 3                            | 0        | 0 0      | 0 0 | C                  | 598,754            |
| WAS                | 907099 | ASHBRID           | GES BAY WWTP - LIQUID TREA              | TMEN |       |      |        |        |            |           |          |                    |                    |                    |                                       |                      |                        |                           |                              |          |          |     |                    |                    |
| 0                  | 1      | FINE BUE          | BLE AERATION - TANK #2                  | CW   | S2    | 03   | 510    | 0      | 0          | 0         | 0        | 510                | 0                  | 510                | 0                                     | 0                    | 42                     | 0 46                      | 8                            | 0        | 0 0      | ) 0 | 0                  | 510                |
| 0                  | 2      | ODOUR (<br>UPGRAD | CONTROL - PRIMARY TANKS 7-9<br>ES       | CW   | S6    | 04   | 0      | 0      | 0          | 0         | 0        | 0                  | 61,100             | 61,100             | 0                                     | 0                    | 2,679                  | 0 58,42                   | 1                            | 0        | 0 0      | ) 0 | 0                  | 61,100             |

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|          | · · · · · · · · · · · · · · · · · · ·                         |        |       |      |         |        |            |            |           |                    |                    |                    |                                       |                      |                        |               |                 |                            |           |         |                        |       |                    |
|----------|---|--------|-------|------|---------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|---------------|-----------------|----------------------------|-----------|---------|------------------------|-------|--------------------|
|          |   |        |       |      |         | Curre  | ent and Fu | iture Year | Cash Flov | w Commitr          | nents              |                    |                                       | Cur                  | rent and Fu            | uture Year C  | ash Flo         | w Comm                     | itments F | inanced | Ву                     |       |                    |
|          | roject No. <u>Project Name</u><br>ubProj No. Sub-project Name | Ward   | Stat. | Cat. | 2017    | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges | R<br>Reserves | eserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2  | Debt<br>Recove<br>Debt | rable | Total<br>Financing |
| WAS90709 | 99 ASHBRIDGES BAY WWTP - LIQUID TRE                           | ATMEN  |       |      |         |        |            |            |           |                    |                    |                    |                                       |                      |                        |               |                 |                            |           |         |                        |       |                    |
| 03       | P BLDG HEADWORKS UPGRADE                                      | CW     | S2    | 03   | 40,035  | 6,828  | 0          | 0          | 0         | 46,863             | 0                  | 46,863             | 0                                     | 0                    | 3,772                  | 0             | 43,091          | 0                          | ) 0       | 0       | 0                      | 0     | 46,863             |
| 06       | M & T PUMPING STATION CRITICAL<br>REPAIRS                     | CW     | S2    | 03   | 5,399   | 0      | 0          | 0          | 0         | 5,399              | 0                  | 5,399              | 0                                     | 0                    | 0                      | 0             | 5,399           | 0                          | ) 0       | 0       | 0                      | 0     | 5,399              |
| 0 10     | INTEGRATED PUMPING STATION (IPS)<br>ENGINEERING               | - CW   | S2    | 03   | 6,740   | 8,000  | 8,000      | 8,000      | 7,500     | 38,240             | 12,250             | 50,490             | 0                                     | 0                    | 0                      | 0             | 50,490          | 0                          | ) 0       | 0       | 0                      | 0     | 50,490             |
| 0 12     | WORK AREA 1 REHAB   | CW     | S2    | 03   | 3       | 0      | 0          | 0          | 0         | 3                  | 0                  | 3                  | 0                                     | 0                    | 0                      | 0             | 3               | 0                          | 0         | 0       | 0                      | 0     | 3                  |
| 0 39     | INTEGRATED PUMPING STATION (IPS)<br>CONSTRUCTION              | - CW   | S2    | 03   | 0       | 10,000 | 45,000     | 45,000     | 50,000    | 150,000            | 175,000            | 325,000            | 0                                     | 0                    | 0                      | 0 3           | 325,000         | 0                          | ) 0       | 0       | 0                      | 0     | 325,000            |
| 0 71     | INTEGRATED PUMPING STATION (IPS)<br>ENG-2017 SC               | - CW   | S3    | 03   | -1,310  | -1,371 | -765       | -3,290     | -1,521    | -8,257             | 7,134              | -1,123             | 0                                     | 0                    | 0                      | 0             | -1,123          | 0                          | ) 0       | 0       | 0                      | 0     | -1,123             |
| 0 72     | P BLDG HEADWORKS UPGRADE-2017<br>SC                           | CW     | S3    | 03   | -25,010 | 10,271 | 17,074     | 0          | 0         | 2,335              | 0                  | 2,335              | 0                                     | 0                    | 187                    | 0             | 2,148           | 0                          | ) 0       | 0       | 0                      | 0     | 2,335              |
| 0 73     | INTEGRATED PUMPING STATION (IPS)<br>CONST-2017 SC             | - CW   | S3    | 03   | 250     | -6,850 | -30,000    | -18,642    | -3,000    | -58,242            | 112,875            | 54,633             | 0                                     | 0                    | 0                      | 0             | 54,633          | 0                          | ) 0       | 0       | 0                      | 0     | 54,633             |
| 0 74     | FINE BUBBLE AERATION - TANK #2 - 20<br>SC                     | 17 CW  | S3    | 03   | -500    | 540    | 0          | 0          | 0         | 40                 | 0                  | 40                 | 0                                     | 0                    | 2                      | 0             | 38              | 0                          | ) 0       | 0       | 0                      | 0     | 40                 |
| 0 75     | WORK AREA 1 REHAB- 2017 SC                                    | CW     | S3    | 03   | -3      | 10     | 0          | 0          | 0         | 7                  | 0                  | 7                  | 0                                     | 0                    | 0                      | 0             | 7               | 0                          | ) 0       | 0       | 0                      | 0     | 7                  |
| 0 76     | M & T PUMPING STATION CRITICAL<br>REPAIRS- 2017 SC            | CW     | S3    | 03   | -2,221  | 3,178  | 0          | 0          | 0         | 957                | 0                  | 957                | 0                                     | 0                    | 0                      | 0             | 957             | 0                          | ) 0       | 0       | 0                      | 0     | 957                |
| 0 77     | FINE BUBBLE AERATION - ENGINEERIN                             | NG CW  | S4    | 03   | 50      | 1,500  | 3,000      | 3,000      | 3,000     | 10,550             | 7,650              | 18,200             | 0                                     | 0                    | 1,468                  | 0             | 16,732          | 0                          | ) 0       | 0       | 0                      | 0     | 18,200             |
| 0 78     | FINE BUBBLE AERATION -<br>CONTRUCTION                         | CW     | S6    | 03   | 0       | 0      | 15,000     | 15,000     | 15,000    | 45,000             | 30,000             | 75,000             | 0                                     | 0                    | 3,290                  | 0             | 71,710          | 0                          | ) 0       | 0       | 0                      | 0     | 75,000             |
| 0 79     | FINE BUBBLE AERATION UPGRADES -<br>FUTURE                     | CW     | S6    | 03   | 0       | 0      | 0          | 0          | 0         | 0                  | 57,000             | 57,000             | 0                                     | 0                    | 2,500                  | 0             | 54,500          | 0                          | ) 0       | 0       | 0                      | 0     | 57,000             |
|          | Sub-total   |        |       |      | 23,943  | 32,106 | 57,309     | 49,068     | 70,979    | 233,405            | 463,009            | 696,414            | 0                                     | 0                    | 13,940                 | 0 6           | 682,474         | 0                          | 0 0       | 0       | 0                      | 0     | 696,414            |
| WAS90710 | 00 ASHBRIDGES BAY WWTP - SOLIDS & 0                           | GAS HA |       |      |         |        |            |            |           |                    |                    |                    |                                       |                      |                        |               |                 |                            |           |         |                        |       |                    |
| 03       | WASTE ACTIVATED SLUDGE UPGRADE<br>ENGINEERING                 | E- CW  | S2    | 03   | 3,500   | 3,092  | 2,000      | 2,000      | 1,298     | 11,890             | 304                | 12,194             | 0                                     | 0                    | 981                    | 0             | 11,213          | 0                          | ) 0       | 0       | 0                      | 0     | 12,194             |
| 0 4      | DIGESTERS 9-12 REFURBISH                                      | CW     | S2    | 03   | 10,820  | 11,876 | 11,710     | 710        | 860       | 35,976             | 90                 | 36,066             | 0                                     | 0                    | 2,901                  | 0             | 33,165          | 0                          | 0 0       | 0       | 0                      | 0     | 36,066             |
| 08       | BIOSOLIDS PELLETIZER RETROFIT                                 | CW     | S2    | 03   | 400     | 0      | 0          | 0          | 0         | 400                | 0                  | 400                | 0                                     | 0                    | 0                      | 0             | 400             | 0                          | ) 0       | 0       | 0                      | 0     | 400                |
| 0 22     | WASTE ACTIVATED SLUDGE UPGRADE                                | ∃- CW  | S4    | 03   | 1,000   | 20,000 | 25,000     | 32,000     | 30,000    | 108,000            | 42,000             | 150,000            | 0                                     | 0                    | 12,071                 | 0 ~           | 137,929         | 0                          | 0         | 0       | 0                      | 0     | 150,000            |
| 0 25     | PELLETIZER TRUCK LOADING FACILIT<br>UPGRADES                  | Y CW   | S2    | 03   | 967     | 500    | 1,000      | 0          | 0         | 2,467              | 0                  | 2,467              | 0                                     | 0                    | 0                      | 0             | 2,467           | 0                          | ) 0       | 0       | 0                      | 0     | 2,467              |
| 0 45     | BIOSOLIDS PELLETIZER RETROFIT-20<br>SC                        | 17 CW  | S3    | 03   | 0       | 400    | 400        | 0          | 0         | 800                | 0                  | 800                | 0                                     | 0                    | 0                      | 0             | 800             | 0                          | 0 0       | 0       | 0                      | 0     | 800                |
| 0 46     | DIGESTERS 9-12 REFURBISH - 2017 SC                            | c cw   | S3    | 03   | -6,470  | -6,603 | 3,300      | 8,300      | 5,621     | 4,148              | 0                  | 4,148              | 0                                     | 0                    | 335                    | 0             | 3,813           | 0                          | ) 0       | 0       | 0                      | 0     | 4,148              |
| 0 47     | WASTE ACTIVATED SLUDGE UPGRADE<br>ENG - 2017 SC               | E- CW  | S3    | 03   | -1,843  | 413    | 0          | 0          | 1,000     | -430               | 400                | -30                | 0                                     | 0                    | -3                     | 0             | -27             | 0                          | ) 0       | 0       | 0                      | 0     | -30                |

# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|                      |         |  |        |       |      |         | Curre   | nt and Fu | ture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cur                | rent and F             | uture Year | Cash Flo         | w Comm                     | itments | Financed | Ву |                  |                    |
|----------------------|---------|--|--------|-------|------|---------|---------|-----------|-----------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|----------|----|------------------|--------------------|
| <u>Sub-</u><br>Prior |         | ect No. <u>Project Name</u><br>Proj No. Sub-project Name | Ward   | Stat. | Cat. | 2017    | 2018    | 2019      | 2020      | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   |    | ebt -<br>verable | Total<br>Financing |
|                      | -       | ASHBRIDGES BAY WWTP - SOLIDS & C                         |        |       |      |         |         |           |           |          |                    |                    |                    | Cubbilatee                            |                    |                        |            |                  |                            |         |          |    |                  |                    |
| 0                    |         | PELLETIZER TRUCK LOADING FACILIT<br>JPGRADES-2017 SC     | Y CW   | S3    | 03   | -480    | 200     | 290       | 0         | 0        | 10                 | 0                  | 10                 | O                                     | 0 0                | 0                      | 0          | 10               | C                          | ) (     | 0 0      | 0  | 0                | 10                 |
|                      |         | Sub-total  |        |       |      | 7,894   | 29,878  | 43,700    | 43,010    | 38,779   | 163,261            | 42,794             | 206,055            | 0                                     | 0                  | 16,285                 | 0          | 189,770          | (                          | ) (     | 0 C      | 0  | 0                | 206,055            |
| WAS9                 | 07101   | ASHBRIDGES BAY WWTP - O&M UPGR                           | ADES   |       |      |         |         |           |           |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |    |                  |                    |
| 0                    | 5 I     | BOILER #4 DESIGN   | CW     | S2    | 03   | 47      | 6       | 0         | 0         | 0        | 53                 | 0                  | 53                 | C                                     | 0 0                | 0                      | 0          | 53               | C                          | ) (     | 0 C      | 0  | 0                | 53                 |
| 0                    | 6 1     | MESI UPGRADES  | CW     | S2    | 03   | 3,448   | 3,074   | 3,167     | 0         | 0        | 9,689              | 0                  | 9,689              | C                                     | 0 0                | 0                      | 0          | 9,689            | C                          | ) (     | 0 0      | 0  | 0                | 9,689              |
| 0                    | 7 1     | MISC MECH REHAB  | CW     | S2    | 03   | 8,120   | 1,900   | 0         | 0         | 0        | 10,020             | 0                  | 10,020             | C                                     | 0 0                | 0                      | 0          | 10,020           | C                          | ) (     | 0 0      | 0  | 0                | 10,020             |
| 0                    | 21 1    | MESI UPGRADES - FUTURE YEAR                              | CW     | S6    | 03   | 0       | 0       | 0         | 3,000     | 3,000    | 6,000              | 15,400             | 21,400             | C                                     | 0 0                | 0                      | 0          | 21,400           | C                          | ) (     | 0 0      | 0  | 0                | 21,400             |
| 0                    | 32 1    | MISC MECH REHAB- 2017 SC                                 | CW     | S3    | 03   | -3,120  | 3,196   | 0         | 0         | 0        | 76                 | 0                  | 76                 | C                                     | 0 0                | 0                      | 0          | 76               | C                          | ) (     | 0 0      | 0  | 0                | 76                 |
| 0                    | 33 I    | BOILER #4 DESIGN- 2017 SC                                | CW     | S3    | 03   | 63      | 5       | 6         | 0         | 0        | 74                 | 0                  | 74                 | o                                     | 0 0                | 0                      | 0          | 74               | C                          | ) (     | 0 0      | 0  | 0                | 74                 |
| 0                    | 34 I    | MESI UPGRADES- 2017 SC                                   | CW     | S3    | 03   | -463    | 0       | 0         | 0         | 0        | -463               | 0                  | -463               | o                                     | 0 0                | 0                      | 0          | -463             | C                          | ) (     | 0 0      | 0  | 0                | -463               |
|                      |         | Sub-total  |        |       |      | 8,095   | 8,181   | 3,173     | 3,000     | 3,000    | 25,449             | 15,400             | 40,849             | 0                                     | 0                  | 0                      | 0          | 40,849           | (                          | ) (     | 0 0      | 0  | 0                | 40,849             |
| WAS9                 | 07102   | ASHBRIDGES BAY WWTP - ODOUR CO                           | NTROL  |       |      |         |         |           |           |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |    |                  |                    |
| 0                    | 6 I     | BIOFILTERS UPGRADE & REPLACEME                           | NT CW  | S2    | 03   | 10,098  | 122     | 0         | 0         | 0        | 10,220             | 0                  | 10,220             | C                                     | 0 0                | 823                    | 0          | 9,397            | C                          | ) (     | 0 0      | 0  | 0                | 10,220             |
| 0                    | 13 I    | D BUILDING TREATMENT & BIOFILTER                         | CW     | S2    | 03   | 992     | 0       | 0         | 0         | 0        | 992                | 0                  | 992                | C                                     | 0 0                | 80                     | 0          | 912              | C                          | ) (     | 0 0      | 0  | 0                | 992                |
| 0                    |         | D BUILDING TREATMENT & BIOFILTER                         | - CW   | S3    | 03   | -98     | 110     | 0         | 0         | 0        | 12                 | 0                  | 12                 | C                                     | 0 0                | 1                      | 0          | 11               | C                          | ) (     | 0 C      | 0  | 0                | 12                 |
| 0                    |         | BIOFILTERS UPGRADE &<br>REPLACEMENT- 2017 SC             | CW     | S3    | 03   | -3,598  | 2,815   | 100       | 0         | 0        | -683               | 0                  | -683               | o                                     | 0 0                | -56                    | 0          | -627             | C                          | ) (     | 0 0      | 0  | 0                | -683               |
|                      |         | Sub-total  |        |       |      | 7,394   | 3,047   | 100       | 0         | 0        | 10,541             | 0                  | 10,541             | 0                                     | 0                  | 848                    | 0          | 9,693            | (                          | ) (     | 0 C      | 0  | 0                | 10,541             |
| WAS9                 | 07104 I | HUMBER WWTP - LIQUID TREATMENT                           | & HANI |       |      |         |         |           |           |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |    |                  |                    |
| 0                    |         | SECONDARY TREATMENT UPGRADES<br>SOUTH - ENGINEERING      | - CW   | S2    | 03   | 3,811   | 3,350   | 3,332     | 3,250     | 2,193    | 15,936             | 544                | 16,480             | C                                     | 0 0                | 1,328                  | 0          | 15,152           | C                          | ) (     | 0 0      | 0  | 0                | 16,480             |
| 0                    |         | SECONDARY TREATMENT UPGRADES                             | - CW   | S6    | 03   | 0       | 0       | 0         | 0         | 150      | 150                | 74,350             | 74,500             | C                                     | 0 0                | 3,269                  | 0          | 71,231           | C                          | ) (     | 0 0      | 0  | 0                | 74,500             |
| 0                    |         | SECONDARY TREATMENT UPGRADES<br>SOUTH - CONS             | - CW   | S2    | 03   | 45,000  | 45,000  | 45,000    | 45,000    | 45,000   | 225,000            | 0                  | 225,000            | o                                     | 0 0                | 18,115                 | 0          | 206,885          | (                          | ) (     | 0 0      | 0  | 0                | 225,000            |
| 0                    |         | SECONDARY TREATMENT UPGRADES<br>SOUTH-CONS-2017 SC       | - CW   | S3    | 03   | -11,500 | -11,500 | -16,500   | -16,500   | -25,997  | -81,997            | 15,000             | -66,997            | o                                     | 0 0                | -5,390                 | 0          | -61,607          | C                          | ) (     | 0 0      | 0  | 0                | -66,997            |
| 0                    |         | SECONDARY TREATMENT UPGRADES<br>SOUTH - ENG 2017 SC      | - CW   | S3    | 03   | 1,069   | 1,910   | 1,418     | 1,555     | 3,000    | 8,952              | 300                | 9,252              | C                                     | 0 0                | 740                    | 0          | 8,512            | C                          | ) (     | 0 0      | 0  | 0                | 9,252              |
|                      |         | Sub-total  |        |       |      | 38,380  | 38,760  | 33,250    | 33,305    | 24,346   | 168,041            | 90,194             | 258,235            | 0                                     | 0                  | 18,062                 | 0          | 240,173          | C                          | ) (     | 0 0      | 0  | 0                | 258,235            |
| WAS9                 | 07105 I | HUMBER WWTP - O&M UPGRADES                               |        |       |      |         |         |           |           |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |    |                  |                    |

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

|     |        |  |          |       |      |        | Curre  | ent and Fu | uture Year | Cash Flov | w Commitr          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year Cas       | h Flow C                   | ommitmer | nts Fin | anced B | у                      |       |                    |
|-----|--------|--|----------|-------|------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|----------------------|----------------------------|----------|---------|---------|------------------------|-------|--------------------|
|     |        | j <u>ect No.</u> <u>Project Name</u><br>pProj No. Sub-project Name | Ward     | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Rese<br>Reserves Fur | Caj<br>erve fro<br>nds Cur | om       | er1 O   | ther2   | Debt<br>Recove<br>Debt | rable | Total<br>Financing |
| WAS | 907105 | HUMBER WWTP - O&M UPGRADES   |          |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |                      |                            |          |         |         |                        |       |                    |
| 0   | 1      | GAS COMPRESSOR SYSTEM UPGRADES                                     | S CW     | S2    | 03   | 3,723  | 0      | 0          | 0          | 0         | 3,723              | 0                  | 3,723              | 0                                     | 0                  | 0 0                    | 0 3                  | ,723                       | 0        | 0       | 0       | 0                      | 0     | 3,723              |
| 0   | 2      | LIQUID STREAM UPGRADES   | CW       | S2    | 03   | 316    | 0      | 0          | 0          | 0         | 316                | 0                  | 316                | 0                                     | 0                  | 25                     | 0                    | 291                        | 0        | 0       | 0       | 0                      | 0     | 316                |
| 0   | 31     | GAS COMPRESSOR SYSTEM<br>UPGRADES-2017 SC                          | CW       | S3    | 03   | 219    | 60     | 64         | 0          | 0         | 343                | 0                  | 343                | 0                                     | 0                  | 0 0                    | 0                    | 343                        | 0        | 0       | 0       | 0                      | 0     | 343                |
| 0   | 32     | LIQUID STREAM UPGRADES- 2017 SC                                    | CW       | S3    | 03   | -316   | 0      | 0          | 0          | 0         | -316               | 0                  | -316               | 0                                     | 0                  | -25                    | 0                    | -291                       | 0        | 0       | 0       | 0                      | 0     | -316               |
|     |        | Sub-total  |          |       |      | 3,942  | 60     | 64         | 0          | 0         | 4,066              | 0                  | 4,066              | 0                                     | 0                  | 0                      | 0 4                  | ,066                       | 0        | 0       | 0       | 0                      | 0     | 4,066              |
| WAS | 907106 | HUMBER WWTP - ODOUR CONTROL  |          |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |                      |                            |          |         |         |                        |       |                    |
| 0   | 1      | ODOUR CONTROL IMPLEMENTATION -<br>PHASE 1                          | CW       | S2    | 02   | 8,632  | 0      | 0          | 0          | 0         | 8,632              | 0                  | 8,632              | 0                                     | 0                  | 694                    | 0 7                  | ,938                       | 0        | 0       | 0       | 0                      | 0     | 8,632              |
| 0   | 13     | ODOUR CONTROL IMPLEMENTATION -<br>PHASE 1-2017 SC                  | CW       | S3    | 02   | -2,377 | 6,610  | 0          | 0          | 0         | 4,233              | 0                  | 4,233              | 0                                     | 0                  | 341                    | 0 3                  | ,892                       | 0        | 0       | 0       | 0                      | 0     | 4,233              |
|     |        | Sub-total  |          |       |      | 6,255  | 6,610  | 0          | 0          | 0         | 12,865             | 0                  | 12,865             | 0                                     | 0                  | 1,035                  | 0 11                 | ,830                       | 0        | 0       | 0       | 0                      | 0     | 12,865             |
| WAS | 907224 | SEWAGE PUMPING STATION UPGRADES                                    | <u>i</u> |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |                      |                            |          |         |         |                        |       |                    |
| 0   | 1      | SPS UPGRADES   | CW       | S2    | 02   | 2,593  | 0      | 0          | 0          | 0         | 2,593              | 0                  | 2,593              | 0                                     | 0                  | 209                    | 0 2                  | 2,384                      | 0        | 0       | 0       | 0                      | 0     | 2,593              |
| 0   | 18     | SPS UPGRADES - GROUP 6   | CW       | S2    | 02   | 621    | 3,250  | 6,300      | 5,300      | 4,200     | 19,671             | 3,200              | 22,871             | 0                                     | 0                  | 1,842                  | 0 21                 | ,029                       | 0        | 0       | 0       | 0                      | 0     | 22,871             |
| 0   | 26     | SPS UPGRADES - GROUP 7   | CW       | S6    | 02   | 0      | 100    | 450        | 3,250      | 6,300     | 10,100             | 12,700             | 22,800             | 0                                     | 0                  | 1,000                  | 0 21                 | ,800                       | 0        | 0       | 0       | 0                      | 0     | 22,800             |
| 0   | 29     | SPS UPGRADES-2017 SC   | CW       | S3    | 02   | -203   | 4,710  | 1,000      | 0          | 0         | 5,507              | 0                  | 5,507              | 0                                     | 0                  | 442                    | 0 5                  | ,065                       | 0        | 0       | 0       | 0                      | 0     | 5,507              |
| 0   | 30     | SUNNYSIDE SPS REHAB- 2017 SC                                       | CW       | S3    | 03   | 688    | 0      | 0          | 0          | 0         | 688                | 0                  | 688                | 0                                     | 0                  | 55                     | 0                    | 633                        | 0        | 0       | 0       | 0                      | 0     | 688                |
| 0   | 31     | SPS UPGRADES - GROUP 6- 2017 SC                                    | CW       | S3    | 02   | -321   | -2,850 | -2,906     | 950        | 1,156     | -3,971             | 4,338              | 367                | 0                                     | 0                  | 27                     | 0                    | 340                        | 0        | 0       | 0       | 0                      | 0     | 367                |
|     |        | Sub-total  |          |       |      | 3,378  | 5,210  | 4,844      | 9,500      | 11,656    | 34,588             | 20,238             | 54,826             | 0                                     | 0                  | 3,575                  | 0 51                 | ,251                       | 0        | 0       | 0       | 0                      | 0     | 54,826             |
| WAS | 907559 | DON & WATERFRONT TRUNK CSO   |          |       |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |                      |                            |          |         |         |                        |       |                    |
| 0   | 1      | DON & WATERFRONT TRUNK/CSO PKG 1<br>- DESIGN                       | CW       | S2    | 04   | 7,933  | 5,338  | 5,180      | 5,180      | 5,180     | 28,811             | 11,436             | 40,247             | 0                                     | 0                  | 3,239                  | 0 37                 | ,008                       | 0        | 0       | 0       | 0                      | 0     | 40,247             |
| 0   | 3      | Don & Waterfront Trunk/CSO Construction -<br>PHASE 1               | CW       | S6    | 04   | 0      | 25,000 | 77,500     | 77,500     | 77,500    | 257,500            | 102,500            | 360,000            | 0                                     | 0                  | 15,790                 | 0 344                | ,210                       | 0        | 0       | 0       | 0                      | 0     | 360,000            |
| 0   | 4      | Don & Waterfront Trunk/CSO Construction -<br>PHASE 2               | CW       | S6    | 04   | 0      | 0      | 0          | 0          | 0         | 0                  | 210,000            | 210,000            | 0                                     | 0                  | 9,211                  | 0 200                | ,789                       | 0        | 0       | 0       | 0                      | 0     | 210,000            |
| 0   | 8      | Don & Waterfront Trunk/CSO Construction -<br>PHASE 3+              | CW       | S6    | 04   | 0      | 0      | 0          | 0          | 0         | 0                  | 126,000            | 126,000            | 0                                     | 0                  | 5,528                  | 0 120                | ,472                       | 0        | 0       | 0       | 0                      | 0     | 126,000            |
| 0   | 15     | DCW - PHASE 1 - ADDITIONAL SCOPE                                   | CW       | S6    | 04   | 0      | 0      | 0          | 17,000     | 20,000    | 37,000             | 60,000             | 97,000             | 0                                     | 0                  | 4,254                  | 0 92                 | 2,746                      | 0        | 0       | 0       | 0                      | 0     | 97,000             |
| 0   | 16     | Don&Waterfront Trunk/CSO Design 2017<br>SC                         | CW       | S3    | 04   | -3,733 | 1,770  | 3,874      | 1,295      | 1,295     | 4,501              | -3,885             | 616                | 0                                     | 0                  | 49                     | 0                    | 567                        | 0        | 0       | 0       | 0                      | 0     | 616                |

# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

| VI-         Project Na.         Project Name         Ward Stat. Cat.         2017         2018         2019         2020         2021         Total 2017-2021         Total 2017-2020         Project Name         Provincing Project Name         Reserve Funds         Capital Current Name         Reserve Funds         Capital Project Name         Provincing Project Name         Reserve Funds         Capital Project Name         Capital Project Name         Provincing Project Name         Reserve Funds         Capital Project Name         Capital Project Name         Provincing Project Name <th< th=""><th>Debt -<br/>Recoverable</th><th>Total<br/>Financing<br/>14,600<br/>848,463<br/>4,602<br/>500<br/>10,210<br/>1,355</th></th<>   | Debt -<br>Recoverable   | Total<br>Financing<br>14,600<br>848,463<br>4,602<br>500<br>10,210<br>1,355 |
|---|---|--|
| Sub_ Project Name         Project Name         Reserve         Reserve<   | Recoverable           her2         Debt           0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0           0         0         0         0 | Financing<br>14,600<br>848,463<br>4,602<br>500<br>10,210                   |
| WASS07559       DON & WATERFRONT TRUNK CSO       V       SA       A       A       C       SO   | her2         Debt           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0   | Financing<br>14,600<br>848,463<br>4,602<br>500<br>10,210                   |
| WASSURDESS       DON & WATERFRONT TRUNK CSO       V       SA       Main from the stand stress of the stand stress of the stress of                    |   | 848,463<br>4,602<br>500<br>10,210  |
| SHEPPARD/LESLIE       Grad   |   | 848,463<br>4,602<br>500<br>10,210  |
| WASS       NORTH TORONTO WTP UPGRADES       Image: Marking the ma |   | 4,602<br>500<br>10,210   |
| 0       2       NTTP - ELECTRICAL UPGRADES - ECAR       CW       S2       0       1,207       2,295       1,100       0       4,602       0       4,602       0       0       0       0       4,602       0       0       0       0       0       4,602       0       0       0       0       4,602       0       0       0       0       4,602       0   |   | 500<br>10,210  |
| 0       10       OPS INTERFACE NTTP       CW       S4       04       200       300       0       0       500       0       500       0       0       0       0       500       0       0       0       0       500       0       0       0       0       500       0       0       0       0       0       500          |   | 500<br>10,210  |
| 0       11       NTTP - PROCESS IMPROVEMENTS       CW       S4       04       420       4,400       4,000       1,340       50       10,210       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       10,210       0       0       0       0       10,210         | 0 0 0   | 10,210   |
| 0       12       NTTP - ELECTRICAL UPGRADES - ECAR- CW S3       01       -886       -581       1,624       1,198       0       1,355       0       0       0       0       1,355       0       0       0       0       1,355       0       0       0       0       0       0  | 0 0 0   |  |
| 2017 SC         941         6,414         6,724         2,538         50         16,667         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         16,667         0         0         0         0         0         16,667         0  |   | 1,35   |
|   | 0 0 0   |  |
|   | I   | 16,667   |
| WAS908143 Georgetown South City Infrastructure Upgrades   |   |  |
| 0 1 GEORGETOWN SOUTH CITY CW S2 05 6,189 5,680 5,680 0 0 17,549 0 17,549 0 0 0 0 17,549 0 0   | 0 0 0   | 17,549   |
| 0 7 GEORGETOWN SOUTH CITY CW S3 05 -509 0 0 0 0 -509 0 -509 0 0 -509 0 0 -509 0 0 0 0 0 -509 0 0  | 0 0 0   | -509   |
| Sub-total         5,680         5,680         5,680         0         0         17,040         0         0         0         0         0         17,040         0         0         0         0         17,040         0         0         0         0         17,040         0         0         0         0         17,040         0         0         0         0         17,040         0         0         0         17,040         0         0         0         17,040         0         0         0         17,040         0         0         0         0         17,040         0         0         0         0         17,040         0         0         0         0         17,040         0         0         0         0         0         17,040            | 0 0 0   | 17,040   |
| WASWP003 EMERY CREEK POND   |   |  |
| 0 1 EMERY CREEK POND CW S2 04 5,793 50 0 0 5,843 0 5,843 0 0 470 0 5,373 0 0  | 0 0 0   | 5,843  |
| 0 15 EMERY CREEK POND- 2017 SC CW S3 04 -820 0 50 50 0 -720 0 -720 0 0 -58 0 -662 0 0   | 0 0 0   | -720   |
| Sub-total         4,973         50         50         50         5123         0         5123         0         0         412         0         4,711         0         0  | 0 0 0   | 5,123  |
| WASWP050 EQUIPMENT REPLACEMENT & REHABILITATIO  |   |  |
| 0 78 EQUIPMENT REPLACEMENT CW S2 03 5,580 4,558 3,652 0 0 13,790 0 13,790 0 0 0 13,790 0 0  | 0 0 0   | 13,790   |
| 0 117 REHAB OF SOUTH PRIMARY CLARIFIERS CW S2 03 124 0 0 0 0 124 0 124 0 124 0 0 0 0 124 0 0  | 0 0 0   | 124  |
| 0 132 EQUIPMENT REPLACEMENT-2017 SC CW S3 03 -2,514 3,409 2,150 4,000 0 7,045 0 7,045 0 0 0 0 7,045 0 0   | 0 0 0   | 7,045  |
| 0 133 REHAB OF SOUTH PRIMARY CW S3 03 -124 0 0 0 0 -124 0 -124 0 0 -124 0 0 0 0 0 -124 0 0  | 0 0 0   | -124   |
| Sub-total         3,066         7,967         5,802         4,000         20,835         0         20,835         0         0         0         20,835         0         0         0         20,835         0         0         0         0         20,835         0         0 <t< td=""><td>0 0 0</td><td>20,835</td></t<>  | 0 0 0   | 20,835   |
| Total Program Expenditure         466,912         713,973         854,712         837,605         771,244         4,019,758         7,664,204         0         0         293,425         07,322,779         0         0         48,019,758   | 8,000 0 0   | 7,664,204  |

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Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's)

#### Appendix 3: 2017 Recommended Capital Budget; 2018 to 2026 Recommended Capital Plan

#### Wastewater Program

|   | c       | urrent and | Future Ye | ar Cash Fl | low Comr | nitments ar        | nd Estimate        | s                  |                                       | Curren               | t and Future Y           | ear Cash I | -low Co        | ommitme                    | nts and I | Stimates | Financed By                   |                                 |
|---|---------|------------|-----------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|--------------------------|------------|----------------|----------------------------|-----------|----------|-------------------------------|---------------------------------|
| <u>Sub-</u> Project No. Project Name<br>Priority SubProj No. Sub-project Name Ward Stat. Cat. | 2017    | 2018       | 2019      | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal D<br>Subsidy | evelopment<br>Charges Re |            | eserve<br>unds | Capital<br>from<br>Current | Other 1   | Other2   | Debt -<br>Recoverable<br>Debt | <sup>e</sup> Total<br>Financing |
| Financed By:  |         |            |           |            |          |                    |                    |                    |                                       |                      |                          |            |                |                            |           |          |                               |                                 |
| Development Charges   | 19,058  | 31,292     | 34,772    | 31,946     | 23,329   | 140,397            | 153,028            | 293,425            | 0                                     | 0                    | 293,425                  | 0          | 0              | 0                          | C         | 0        | 0                             | 0 293,425                       |
| Reserve Funds (Ind."XR" Ref.)   | 447,854 | 678,681    | 814,940   | 800,659    | 742,915  | 3,485,049          | 3,837,730          | 7,322,779          | 0                                     | 0                    | 0                        | 07,3       | 22,779         | 0                          | C         | 0        | 0                             | 0 7,322,779                     |
| Other2 (External)   | 0       | 4,000      | 5,000     | 5,000      | 5,000    | 19,000             | 29,000             | 48,000             | 0                                     | 0                    | 0                        | 0          | 0              | 0                          | C         | 48,000   | 0                             | 0 48,000                        |
| Total Program Financing   | 466,912 | 713,973    | 854,712   | 837,605    | 771,244  | 3,644,446          | 4,019,758          | 7,664,204          | 0                                     | 0                    | 293,425                  | 07,3       | 22,779         | 0                          | C         | 48,000   | 0                             | 0 7,664,204                     |

#### Status Code Description

S2 S2 Prior Year (With 2017 and\or Future Year Cashflow)

S3 S3 Prior Year - Change of Scope 2017 and/or Future Year Cost/Cashflow)

S4 S4 New - Stand-Alone Project (Current Year Only)

S5 S5 New (On-going or Phased Projects)

S6 S6 New - Future Year (Commencing in 2018 & Beyond)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

06 Reserved Category 1 C06 07 Reserved Category 2 C07

# Appendix 4

2017 Cash Flow and Future Year Commitments

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#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| Priority                          | PLANT<br>ADMIN                              |  |      |       |      |       | Curre | ent and F | uture Year | Cash Flov | w Commitn          | nents              |                    |                                       | Curr                 | ent and Fu            | uture Year C | Cash Flow | Comm                       | itments | Finance | d By |                     |                    |
|-----------------------------------|---|--|------|-------|------|-------|-------|-----------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|-----------------------|--------------|-----------|----------------------------|---------|---------|------|---------------------|--------------------|
| Priority<br>WAT000<br>0 2<br>0 38 | /SubProj No<br>1004 HORG/<br>PLANT<br>ADMIN | o. Sub-project Name                          |      |       |      | 1     |       |           |            |           |                    |                    |                    |                                       |                      |                       |              |           |                            |         |         |      |                     |                    |
| 0 2<br>0 38                       | PLANT<br>ADMIN                              | AN WITP EXPANSION                            | Ward | Stat. | Cat. | 2017  | 2018  | 2019      | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal D<br>Subsidy | evelopment<br>Charges | Reserves     | leserve   | Capital<br>from<br>Current | Other 1 | Other2  | Re   | Debt -<br>coverable | Total<br>Financing |
| 0 38                              | ADMIN                                       |  |      |       |      |       |       |           |            |           |                    |                    |                    |                                       |                      |                       |              |           |                            |         |         |      |                     |                    |
|                                   |   | EXPANSION - DESIGN & CONSTR                  | CW   | S2    | 05   | 24    | 0     | 0         | 0          | 0         | 24                 | 0                  | 24                 | 0                                     | 0                    | 8                     | 0            | 8         | 0                          | . (     | ) 8     | 3 0  | 0                   | 24                 |
| 0 39                              |   | EXPANSION - DESIGN & CONSTR<br>I- 2017 SC    | CW   | S3    | 05   | 51    | 75    | 0         | 0          | 0         | 126                | 0                  | 126                | 0                                     | 0                    | 40                    | 0            | 46        | 0                          | (       | ) 40    | ) 0  | 0                   | 126                |
|                                   | 9 PLANT<br>2017 S                           | EXPANSION - CONSTRUCTION-                    | CW   | S3    | 05   | 0     | 0     | 0         | 0          | 0         | 0                  | 40                 | 40                 | 0                                     | 0                    | 13                    | 0            | 14        | 0                          | (       | ) 1:    | 3 0  | 0                   | 40                 |
|                                   |   | Sub-total                                    |      |       |      | 75    | 75    | 0         | 0          | 0         | 150                | 40                 | 190                | 0                                     | 0                    | 61                    | 0            | 68        | 0                          | (       | 6       | 1 (  | 0 0                 | 190                |
| WAT000                            | 014 WATER                                   | R STORAGE EXPANSION                          |      |       |      |       |       |           |            |           |                    |                    |                    |                                       |                      |                       |              |           |                            |         |         |      |                     |                    |
| 0 1                               | DUFFE<br>CONT.                              | ERIN RES. EXT DESIGN AND<br>ADMIN            | CW   | S2    | 05   | 18    | 0     | 0         | 0          | 0         | 18                 | 0                  | 18                 | 0                                     | 0                    | 11                    | 0            | 7         | 0                          | . (     | ) (     | 0 0  | 0                   | 18                 |
| 02                                | Milliken                                    | n PS and Reservoir - Engineering             | CW   | S2    | 05   | 50    | 0     | 0         | 0          | 0         | 50                 | 0                  | 50                 | 0                                     | 0                    | 21                    | 0            | 10        | 0                          | (       | ) 19    | 9 0  | 0                   | 50                 |
| 0 52                              |   | EN<br>ESERVOIR-DESIGN&CONT                   | CW   | S3    | 05   | 0     | 37    | 0         | 0          | 0         | 37                 | 0                  | 37                 | 0                                     | 0                    | 15                    | 0            | 8         | 0                          | (       | ) 14    | 4 0  | 0                   | 37                 |
| 0 53                              |   | ERIN RES. EXT. DESIGN AND CONT<br>I- 2017 SC | CW   | S3    | 05   | -17   | 0     | 0         | 0          | 0         | -17                | 0                  | -17                | 0                                     | 0                    | -10                   | 0            | -7        | 0                          | (       | ) (     | ) 0  | 0                   | -17                |
|                                   |   | Sub-total                                    |      |       |      | 51    | 37    | 0         | 0          | 0         | 88                 | 0                  | 88                 | 0                                     | 0                    | 37                    | 0            | 18        | 0                          | (       | ) 3     | 3 (  | 0 0                 | 88                 |
| WAT000                            | 018 CLARK                                   | KRESIDUE MGMT. FACILITIES                    |      |       |      |       |       |           |            |           |                    |                    |                    |                                       |                      |                       |              |           |                            |         |         |      |                     |                    |
| 0 24                              | 4 RESIDI                                    | UALS RETROFITS AND UPGRADES                  | CW   | S2    | 02   | 1,036 | 425   | 0         | 0          | 0         | 1,461              | 0                  | 1,461              | 0                                     | 0                    | 0                     | 0            | 1,461     | 0                          | (       | ) (     | ) 0  | 0                   | 1,461              |
| 0 29                              |   | UALS RETROFITS AND<br>ADES-2017 SC           | CW   | S3    | 02   | -567  | 2,408 | 700       | 0          | 0         | 2,541              | 0                  | 2,541              | 0                                     | 0                    | 0                     | 0            | 2,541     | 0                          | (       | ) (     | 0 0  | 0                   | 2,541              |
|                                   |   | Sub-total                                    |      |       |      | 469   | 2,833 | 700       | 0          | 0         | 4,002              | 0                  | 4,002              | 0                                     | 0                    | 0                     | 0            | 4,002     | 0                          | (       | )       | 0 (  | 0 0                 | 4,002              |
| WAT000                            | 021 WATER                                   | R EFFICIENCY PROGRAM                         |      |       |      |       |       |           |            |           |                    |                    |                    |                                       |                      |                       |              |           |                            |         |         |      |                     |                    |
| 0 10                              | D ICI IND                                   | DOOR WATER AUDIT                             | CW   | S2    | 05   | 300   | 0     | 0         | 0          | 0         | 300                | 0                  | 300                | 0                                     | 0                    | 300                   | 0            | 0         | 0                          | . (     | ) (     | 0 0  | 0                   | 300                |
| 0 11                              | 1 PUBLIC                                    | C EDUCATION & PROMOTIONS                     | CW   | S2    | 05   | 150   | 0     | 0         | 0          | 0         | 150                | 0                  | 150                | 0                                     | 0                    | 150                   | 0            | 0         | 0                          | (       | ) (     | ) 0  | 0                   | 150                |
| 0 12                              | 2 ANCILL                                    | LARY COSTS                                   | CW   | S2    | 05   | 70    | 0     | 0         | 0          | 0         | 70                 | 0                  | 70                 | 0                                     | 0                    | 70                    | 0            | 0         | 0                          | (       | ) (     | 0 0  | 0                   | 70                 |
| 0 91                              | 1 ICI IND                                   | DOOR WATER AUDIT- 2017 SC                    | CW   | S3    | 05   | 0     | 300   | 300       | 0          | 0         | 600                | 0                  | 600                | 0                                     | 0                    | 600                   | 0            | 0         | 0                          | (       | ) (     | ) 0  | 0                   | 600                |
| 0 92                              | 2017 S                                      |  | CW   | S3    | 05   | 0     | 150   | 150       | 0          |           | 300                | 0                  | 300                | 0                                     | 0                    | 300                   | 0            | 0         | 0                          |         | ) (     | ) () | 0                   | 300                |
| 0 93                              | 3 ANCILL                                    | LARY COSTS- 2017 SC                          | CW   | S3    | 05   | 0     | 70    | 70        | 35         |           | 175                |                    | 175                | 0                                     |                      | 175                   | 0            | 0         | 0                          |         |         |      |                     | 175                |
|                                   |   | Sub-total                                    |      |       |      | 520   | 520   | 520       | 35         | 0         | 1,595              | 0                  | 1,595              | 0                                     | 0                    | 1,595                 | 0            | 0         | 0                          | (       | )       | 0 (  | 0 0                 | ) 1,595            |
| WAT000                            | 363 ENGINI                                  | EERING STUDIES                               |      |       |      |       |       |           |            |           |                    |                    |                    |                                       |                      |                       |              |           |                            |         |         |      |                     |                    |
| 02                                | IMPRO                                       | OVED TREATMENT STUDIES                       | CW   | S2    | 04   | 296   | 0     | 0         | 0          | 0         | 296                | 0                  | 296                | 0                                     | 0                    | 0                     | 0            | 207       | 0                          | . (     | ) 89    | 9 0  | 0                   | 296                |
| 0 18                              | B CONTR<br>ABATE                            | ROLLED SUBSTANCES ID AND                     | CW   | S2    | 02   | 200   | 200   | 0         | 0          | 0         | 400                | 0                  | 400                | 0                                     | 0                    | 0                     | 0            | 400       | 0                          | (       | ) (     | ) 0  | 0                   | 400                |

## **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| Priority: Sub-priority: Sub-priorit |         | •                                     |         |       |      |        |       |           |            |          |           |       |        |            |                      |                        |            |                  |        |           |         |          |     |                  |
|---|---------|---------------------------------------|---------|-------|------|--------|-------|-----------|------------|----------|-----------|-------|--------|------------|----------------------|------------------------|------------|------------------|--------|-----------|---------|----------|-----|------------------|
| Bale         Prodect Mark         Prodect Mark         Prodect Mark         Prodect Mark         Produce         Prodect Mark         Prodc Mark         Prodect Mark <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>Curre</th><th>ent and F</th><th>uture Year</th><th>Cash Flo</th><th>w Commitn</th><th>nents</th><th></th><th></th><th>Cur</th><th>rent and Fu</th><th>uture Year</th><th>Cash Flo</th><th>w Comm</th><th>itments I</th><th>inanced</th><th>Ву</th><th></th><th></th></t<>  |         |                                       |         |       |      |        | Curre | ent and F | uture Year | Cash Flo | w Commitn | nents |        |            | Cur                  | rent and Fu            | uture Year | Cash Flo         | w Comm | itments I | inanced | Ву       |     |                  |
| NULLIONE   |         |                                       | /ard \$ | Stat. | Cat. | 2017   | 2018  | 2019      | 2020       | 2021     |           |       |        | Grants and | Federal [<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | from   | Other 1   | Other2  | Recovera |     | Total<br>nancing |
| 9       9       CORREGION CONTACL       0       9   | -       |                                       |         |       |      |        |       |           |            |          |           |       |        |            |                      |                        |            |                  |        |           |         |          |     |                  |
| a       b       SCALMEREAND TOWER CONNECTON       V   | 0 31    | ENERGY EFFICIENCY IMPLEMENTATION      | CW      | S2    | 04   | 105    | 125   | 0         | 0          | 0        | 230       | 0     | 230    | o          | 0                    | 0                      | 0          | 230              | 0      | C         | 0       | 0        | 0   | 230              |
| IMPROVEMENTS NUMP   | 0 38    | CORROSION CONTROL                     | CW      | S2    | 02   | 4      | 0     | 0         | 0          | 0        | 4         | 0     | 4      | o          | 0                    | 0                      | 0          | 4                | 0      | C         | 0       | 0        | 0   | 4                |
| IMPRO<         UTUBAL         UTUBAL<   | 0 65    |                                       | CW      | S2    | 04   | 915    | 730   | 105       | 5          | 0        | 1,755     | 0     | 1,755  | C          | 0                    | 0                      | 0          | 1,755            | 0      | C         | 0       | 0        | 0   | 1,755            |
| Abstration of SC         Abstratement and SC  | 0 72    |                                       | CW      | S3    | 04   | -915   | -730  | -105      | -5         | 0        | -1,755    | 0     | -1,755 | O          | 0                    | 0                      | 0          | -1,755           | 0      | C         | 0       | 0        | 0   | -1,755           |
| 2017 SC<br>BC         2017 SC<br>SC/V         2017 SC<br>BC         2017 SC<br>BC         2018 SC         2018 SC </td <td>0 73</td> <td></td> <td>CW</td> <td>S3</td> <td>02</td> <td>-100</td> <td>-100</td> <td>100</td> <td>0</td> <td>0</td> <td>-100</td> <td>0</td> <td>-100</td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>-100</td> <td>0</td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>-100</td>   | 0 73    |                                       | CW      | S3    | 02   | -100   | -100  | 100       | 0          | 0        | -100      | 0     | -100   | C          | 0                    | 0                      | 0          | -100             | 0      | C         | 0       | 0        | 0   | -100             |
| Image: series sub-local         Image: series   | 0 74    |                                       | CW      | S3    | 04   | 25     | -8    | 0         | 0          | 0        | 17        | 0     | 17     | C          | 0                    | 0                      | 0          | 17               | 0      | C         | 0       | 0        | 0   | 17               |
| NAME         NAME <th< td=""><td>0 75</td><td></td><td>CW</td><td>S3</td><td>04</td><td>-136</td><td>152</td><td>0</td><td>0</td><td>0</td><td>16</td><td>0</td><td>16</td><td>O</td><td>0</td><td>0</td><td>0</td><td>11</td><td>0</td><td>C</td><td>5</td><td>0</td><td>0</td><td>16</td></th<>   | 0 75    |                                       | CW      | S3    | 04   | -136   | 152   | 0         | 0          | 0        | 16        | 0     | 16     | O          | 0                    | 0                      | 0          | 11               | 0      | C         | 5       | 0        | 0   | 16               |
| 0       9       TRUNK RADIO - SITE UPGRADE       CW       S2       04       00       <  |         | Sub-total                             |         |       |      | 394    | 369   | 100       | 0          | 0        | 863       | 0     | 863    | 0          | 0                    | 0                      | 0          | 769              | 0      | C         | 94      | 0        | 0   | 863              |
| 12       PCS LEGACY ALARM IMPROVEMENT       CW       S2       04       200          | WAT9063 | 34 BUSINESS SYSTEM INFRASTRUCTURE - P | W       |       |      |        |       |           |            |          |           |       |        |            |                      |                        |            |                  |        |           |         |          |     |                  |
| 0       23       RELIABILITY IMPROVEMENT PROGRAM       CW       S2       04       776       400       0       1,195       0   | 09      | TRUNK RADIO - SITE UPGRADE            | CW      | S2    | 04   | 400    | 0     | 0         | 0          | 0        | 400       | 0     | 400    | o          | 0                    | 0                      | 0          | 400              | 0      | C         | 0       | 0        | 0   | 400              |
| 0       41       SCADA UPGRADES FOR WWT       CW       S2       04       5,760       7,160       4,20       50       22,376       110       22,486       0       0       22,486       0       0       22,486       0       0       0       22,486       0       0       0       22,486       0  | 0 12    | PCS LEGACY ALARM IMPROVEMENT          | CW      | S2    | 04   | 200    | 0     | 0         | 0          | 0        | 200       | 0     | 200    | C          | 0                    | 0                      | 0          | 200              | 0      | C         | 0       | 0        | 0   | 200              |
| 0       42       PCS UPGRADES FOR WATER SUPPLY       CW       S2       04       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       442       0       3,503       0       0       0       3,503       0       0       3,503       0   | 0 23    | RELIABILITY IMPROVEMENT PROGRAM       | CW      | S2    | 04   | 795    | 400   | 0         | 0          | 0        | 1,195     | 0     | 1,195  | C          | 0                    | 0                      | 0          | 1,195            | 0      | C         | 0       | 0        | 0   | 1,195            |
| 0       67       SCADA UPGRADES FOR WWT - II       CW       S2       04       2,053       600       450       400       0       3,503       0       0       3,503       0       0       0       0       0       3,503       0   | 0 41    | SCADA UPGRADES FOR WWT                | CW      | S2    | 04   | 5,206  | 5,760 | 7,160     | 4,200      | 50       | 22,376    | 110   | 22,486 | o          | 0                    | 0                      | 0          | 22,486           | 0      | C         | 0       | 0        | 0 : | 22,486           |
| 0       85       NETWORK IMPROVEMENTS       CW       S2       04       2,246       340       0       0       0       2,586       0  | 0 42    | PCS UPGRADES FOR WATER SUPPLY         | CW      | S2    | 04   | 492    | 0     | 0         | 0          | 0        | 492       | 0     | 492    | C          | 0                    | 0                      | 0          | 492              | 0      | C         | 0       | 0        | 0   | 492              |
| 0 86 BLANKET CONTRACT MGMT TOOL CW 84 04 50 150   | 0 67    | SCADA UPGRADES FOR WWT - II           | CW      | S2    | 04   | 2,053  | 600   | 450       | 400        | 0        | 3,503     | 0     | 3,503  | C          | 0                    | 0                      | 0          | 3,503            | 0      | C         | 0       | 0        | 0   | 3,503            |
| 0       87       PCS UPGRADES 2017       CW       S4       04       210       210       210       0       630       0       0       0       630       0       0       630       0       0       630       0       0       630       0       0       630       0       0       630       0       0       630       0       0       630       0       0       630       0       630       0       0       630       0       0       630       0       630         | 0 85    | NETWORK IMPROVEMENTS                  | CW      | S2    | 04   | 2,246  | 340   | 0         | 0          | 0        | 2,586     | 0     | 2,586  | C          | 0                    | 0                      | 0          | 2,586            | 0      | C         | 0       | 0        | 0   | 2,586            |
| 0       88       TRUNK RADIO - EQUIPMENT       CW       S4       03       500       1,400       0       0       1,900       0       0       0       1,900       0       0       1,900       0       0       1,900       0       0       1,900         | 0 86    | BLANKET CONTRACT MGMT TOOL            | CW      | S4    | 04   | 50     | 150   | 0         | 0          | 0        | 200       | 0     | 200    | C          | 0                    | 0                      | 0          | 200              | 0      | C         | 0       | 0        | 0   | 200              |
| 0       90       NETWORK EQUIPMENT LIFE CYCLE<br>REPLACEMENT- 2017 SC       CW       S3       03       10       0       0       0       10          | 0 87    | PCS UPGRADES 2017                     | CW      | S4    | 04   | 210    | 210   | 210       | 0          | 0        | 630       | 0     | 630    | O          | 0                    | 0                      | 0          | 630              | 0      | C         | 0       | 0        | 0   | 630              |
| REPLACEMENT- 2017 SC       REPLACEMENT- 2017 SC       SC <th< td=""><td>0 88</td><td>TRUNK RADIO - EQUIPMENT</td><td>CW</td><td>S4</td><td>03</td><td>500</td><td>1,400</td><td>0</td><td>0</td><td>0</td><td>1,900</td><td>0</td><td>1,900</td><td>O</td><td>0</td><td>0</td><td>0</td><td>1,900</td><td>0</td><td>C</td><td>0</td><td>0</td><td>0</td><td>1,900</td></th<>   | 0 88    | TRUNK RADIO - EQUIPMENT               | CW      | S4    | 03   | 500    | 1,400 | 0         | 0          | 0        | 1,900     | 0     | 1,900  | O          | 0                    | 0                      | 0          | 1,900            | 0      | C         | 0       | 0        | 0   | 1,900            |
| 2017 SC       2017 SC       V       SC       SC <td< td=""><td>0 90</td><td></td><td>CW</td><td>S3</td><td>03</td><td>10</td><td>0</td><td>0</td><td>0</td><td>0</td><td>10</td><td>0</td><td>10</td><td>O</td><td>0</td><td>0</td><td>0</td><td>10</td><td>0</td><td>C</td><td>0</td><td>0</td><td>0</td><td>10</td></td<>   | 0 90    |                                       | CW      | S3    | 03   | 10     | 0     | 0         | 0          | 0        | 10        | 0     | 10     | O          | 0                    | 0                      | 0          | 10               | 0      | C         | 0       | 0        | 0   | 10               |
| 2017 SC       2017 SC       2017 SC       2017 SC       546       1,765       890       150       700       -50       650       0       0       0       650         | 0 91    |                                       | CW      | S3    | 04   | 166    | 65    | 65        | 0          | 0        | 296       | 0     | 296    | o          | 0                    | 0                      | 0          | 296              | 0      | C         | 0       | 0        | 0   | 296              |
| 0 94 SCADA UPGRADES FOR WWT - II - 2017 CW S3 04 -718 570 260 184 0 296 0 296 0 296 0 0 0 0 296 0 0 0 0 0 0   | 0 92    |                                       | CW      | S3    | 04   | -585   | -50   | 200       | 200        | 0        | -235      | 0     | -235   | o          | 0                    | 0                      | 0          | -235             | 0      | C         | 0       | 0        | 0   | -235             |
|   | 0 93    | SCADA UPGRADES FOR WWT- 2017 SC       | CW      | S3    | 04   | -2,651 | 546   | 1,765     | 890        | 150      | 700       | -50   | 650    | C          | 0                    | 0                      | 0          | 650              | 0      | C         | 0       | 0        | 0   | 650              |
|   | 0 94    |                                       | CW      | S3    | 04   | -718   | 570   | 260       | 184        | 0        | 296       | 0     | 296    | 0          | 0                    | 0                      | 0          | 296              | 0      | C         | 0       | 0        | 0   | 296              |

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

Water Program

|        |        |  |       |            |      |        | Curre  | ent and Fu | uture Year | Cash Flov | v Commitn          | nents              |                    |                                       | Cu                 | rent and F             | uture Year | Cash Flo         | w Comm                     | itments | -<br>inanced | Ву                    |   |                    |
|--------|--------|--|-------|------------|------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|--------------|-----------------------|---|--------------------|
| Priori |        |  |       |            |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |              |                       |   |                    |
| WAT9   | itySub | <u>ject No.</u> <u>Project Name</u><br>Proj No. Sub-project Name | Ward  | Stat.      | Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2       | Deb<br>Recove<br>Debt |   | Total<br>Financing |
|        | 06334  | BUSINESS SYSTEM INFRASTRUCTURE                                   | - PW  |            |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |              |                       |   |                    |
| 0      | 95     | NETWORK IMPROVEMENTS- 2017 SC                                    | CW    | S3         | 04   | -1,016 | 964    | 0          | 0          | 0         | -52                | 0                  | -52                | o                                     | ) C                | 0                      | 0          | -52              | 0                          | ) (     | 0 0          | 0                     | 0 | -52                |
| 0      | 96     | PCS UPGRADES FOR WATER SUPPLY-<br>2017 SC                        | CW    | S3         | 04   | -12    | 0      | 0          | 0          | 0         | -12                | 0                  | -12                | C                                     | ) C                | 0                      | 0          | -12              | 0                          | ) (     | 0 0          | 0                     | 0 | -12                |
| 0      | 97     | SCADA SOFTWARE   | CW    | S4         | 04   | 220    | 220    | 220        | 220        | 220       | 1,100              | 0                  | 1,100              | o                                     | ) C                | 0                      | 0          | 1,100            | 0                          | ) (     | 0 0          | 0                     | 0 | 1,100              |
|        |        | Sub-total  |       |            |      | 7,566  | 11,175 | 10,330     | 6,094      | 420       | 35,585             | 60                 | 35,645             | 0                                     | C                  | 0                      | 0          | 35,645           | 0                          | ) (     | ) 0          | 0                     | 0 | 35,645             |
| WAT9   | 06340  | METERING & METER READING SYS                                     |       |            |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |              |                       |   |                    |
| 0      | 2      | AUTOMATED METER READING SYSTEM                                   | I CW  | S2         | 04   | 8,314  | 2,000  | 915        | 545        | 0         | 11,774             | 0                  | 11,774             | o                                     | ) C                | 0                      | 0          | 11,774           | 0                          | ) (     | 0 0          | 0                     | 0 | 11,774             |
| 0      | 18     | AUTOMATED METER READING SYSTEM 2017 SC                           | I- CW | S3         | 04   | -2,940 | 1,180  | -415       | -199       | 0         | -2,374             | 0                  | -2,374             | C                                     | ) C                | 0                      | 0          | -2,374           | 0                          | ) (     | 0 0          | 0                     | 0 | -2,374             |
|        |        | Sub-total  |       |            |      | 5,374  | 3,180  | 500        | 346        | 0         | 9,400              | 0                  | 9,400              | 0                                     | C                  | 0                      | 0          | 9,400            | 0                          | ) (     | ) 0          | 0                     | 0 | 9,400              |
| WAT9   | 06467  | AVENUE ROAD TRUNKMAIN REPLACEM                                   | IENT  |            |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |              |                       |   |                    |
| 0      | 6      | JOS-AVENUE RD WM ENG-HI<br>LEVEL-LAWRENCE                        | CW    | S2         | 03   | 92     | 0      | 0          | 0          | 0         | 92                 | 0                  | 92                 | C                                     | ) C                | 46                     | 0          | 29               | 0                          | ) (     | ) 17         | 0                     | 0 | 92                 |
| 0      | 29     | JOS - AVENUE WM ENG HI LEVEL TO<br>LAWRENCE- 2017 SC             | CW    | S3         | 03   | 10     | 0      | 0          | 0          | 0         | 10                 | 0                  | 10                 | C                                     | ) C                | 5                      | 0          | 3                | 0                          | ) (     | 2            | 0                     | 0 | 10                 |
| 0      | 30     | JOS - AVENUE WM CONS HI LEVELTO<br>LAWRENCE- 2017 SC             | CW    | <b>S</b> 3 | 03   | 221    | 500    | 0          | 0          | 0         | 721                | 0                  | 721                | 0                                     | ) C                | 363                    | 0          | 224              | 0                          | ) (     | 134          | 0                     | 0 | 721                |
|        |        | Sub-total  |       |            |      | 323    | 500    | 0          | 0          | 0         | 823                | 0                  | 823                | 0                                     | C                  | 414                    | 0          | 256              | 0                          | ) (     | 153          | 0                     | 0 | 823                |
| WAT9   | 06470  | ISLAND W.T.P. R&R  |       |            |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |              |                       |   |                    |
| 0      | 8      | CHEMICAL & RESIDUALS MANAGMENT<br>ENGINEERING                    | CW    | S2         | 02   | 723    | 340    | 400        | 400        | 80        | 1,943              | 20                 | 1,963              | C                                     | ) C                | 0                      | 0          | 1,963            | 0                          | ) (     | 0 0          | 0                     | 0 | 1,963              |
| 0      | 11     | CHEMICAL & RESIDUALS MANAGEMENT<br>CONST                         | r cw  | S2         | 02   | 2,000  | 7,400  | 2,500      | 3,500      | 1,500     | 16,900             | 0                  | 16,900             | o                                     | ) C                | 1,028                  | 0          | 15,872           | 0                          | ) (     | 0 0          | 0                     | 0 | 16,900             |
| 0      | 30     | CHEMICAL & RESIDUALS MANAGMENT<br>ENGINEERING-2017 SC            | CW    | S3         | 02   | -143   | 1,160  | 600        | 250        | 770       | 2,637              | 280                | 2,917              | C                                     | ) C                | 0                      | 0          | 2,917            | 0                          | ) (     | 0 0          | 0                     | 0 | 2,917              |
| 0      | 31     | CHEMICAL & RESIDUALS MANAGMENT<br>CONST-2017 SC                  | CW    | S3         | 02   | 9,000  | -6,223 | 1,500      | 10,500     | 12,500    | 27,277             | 6,000              | 33,277             | C                                     | ) C                | 2,023                  | 0          | 31,254           | 0                          | ) (     | 0            | 0                     | 0 | 33,277             |
|        |        | Sub-total  |       |            |      | 11,580 | 2,677  | 5,000      | 14,650     | 14,850    | 48,757             | 6,300              | 55,057             | 0                                     | C                  | 3,051                  | 0          | 52,006           | 0                          | ) (     | ) 0          | 0                     | 0 | 55,057             |
| WAT9   | 06481  | DISTRICT WATERMAINS - NEW  |       |            |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |              |                       |   |                    |
| 0      | 1      | NEW WM   | CW    | S2         | 05   | 515    | 0      | 0          | 0          | 0         | 515                | 0                  | 515                | a                                     | ) C                | 515                    | 0          | 0                | 0                          | ) (     | 0 0          | 0                     | 0 | 515                |
| 0      | 15     | NEW WM - 2017 SC   | CW    | S3         | 05   | -500   | 500    | 0          | 0          | 0         | 0                  | 0                  | 0                  | C                                     | ) C                | 0                      | 0          | 0                | 0                          | ) (     | 0 0          | 0                     | 0 | 0                  |
|        |        | Sub-total  |       |            |      | 15     | 500    | 0          | 0          | 0         | 515                | 0                  | 515                | 0                                     | C                  | 515                    | 0          | 0                | 0                          | ) (     | ) 0          | 0                     | 0 | 515                |
| WAT90  | 06483  | PW ENGINEERING   |       |            |      |        |        |            |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |              |                       |   |                    |
| 0      | 2      | CAPITAL PROGRAMMING & FACILITY<br>ASSET PLANNING                 | CW    | S2         | 03   | 3,946  | 3,200  | 585        | 0          | 0         | 7,731              | 0                  | 7,731              | o                                     | ) C                | 0                      | 0          | 7,731            | 0                          | ) (     | 0 0          | 0                     | 0 | 7,731              |

Report 7Ca

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                    |        | - 9   |       |       |      |        |       |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |        |      |                  |                    |
|--------------------|--------|---|-------|-------|------|--------|-------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|------------|------------------|----------------------------|---------|--------|------|------------------|--------------------|
|                    |        |   |       |       |      |        | Curr  | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                  | rent and Fu            | iture Year | Cash Flo         | w Comm                     | itments | inance | ΙВу  |                  |                    |
| <u>Sub</u><br>Pric |        | <u>oject No. Project Name</u><br>bProj No. Sub-project Name | Ward  | Stat. | Cat. | 2017   | 2018  | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2 | Reco | ebt -<br>verable | Total<br>Financing |
|                    |        | PW ENGINEERING  |       |       |      |        |       |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |        |      |                  |                    |
| 0                  | 5      | WATERMAIN ASSET PLANNING                                    | CW    | S2    | 03   | 1,482  | 591   | 145        | 0          | 0        | 2,218              | 0                  | 2,218              | 0                                     | 0                    | 554                    | 0          | 786              | 0                          | ) (     | 878    | 0    | 0                | 2,218              |
| 0                  | 7      | EASEMENT ACQUISITION  | CW    | S2    | 04   | 500    | 0     | 0          | 0          | 0        | 500                | 0                  | 500                | 0                                     | 0                    | 0                      | 0          | 500              | 0                          | ) (     | ) (    | 0    | 0                | 500                |
| 0                  | 22     | WATER LOSS REDUCTION STRATEGY                               | CW    | S2    | 03   | 621    | 1,338 | 1,000      | 1,000      | 0        | 3,959              | 0                  | 3,959              | 0                                     | 0                    | 0                      | 0          | 3,959            | 0                          | ) (     | ) (    | 0    | 0                | 3,959              |
| 0                  | 37     | ASSET MGMT SYSTEM<br>IMPLEMENTATION                         | CW    | S2    | 04   | 1,090  | 1,000 | 1,000      | 1,000      | 1,000    | 5,090              | 2,500              | 7,590              | 0                                     | 0                    | 1,898                  | 0          | 5,692            | 0                          | ) (     | ) (    | 0    | 0                | 7,590              |
| 0                  | 52     | JOS UPDATE PHASE II   | CW    | S2    | 05   | 1,135  | 500   | 0          | 0          | 0        | 1,635              | 0                  | 1,635              | 0                                     | 0                    | 818                    | 0          | -1               | 0                          | ) (     | 818    | 0    | 0                | 1,635              |
| 0                  | 64     | WATERMAIN ASSET PLANNING-2017 SC                            | C CW  | S3    | 03   | -737   | 1,519 | 1,310      | 1,050      | 1,055    | 4,197              | 2,000              | 6,197              | 0                                     | 0                    | 1,551                  | 0          | 2,193            | 0                          | ) (     | 2,453  | 0    | 0                | 6,197              |
| 0                  | 65     | ASSET MGMT SYSTEM<br>IMPLEMENTATION-2017 SC                 | CW    | S3    | 04   | -785   | 300   | 0          | 0          | 0        | -485               | 1,000              | 515                | 0                                     | 0                    | 128                    | 0          | 387              | 0                          | ) (     | ) (    | 0    | 0                | 515                |
| 0                  | 66     | CAPITAL PROG & FACILITY ASSET<br>PLANNING- 2017 SC          | CW    | S3    | 03   | -2,074 | 457   | 2,415      | 585        | 0        | 1,383              | 0                  | 1,383              | 0                                     | 0                    | 0                      | 0          | 1,383            | 0                          | ) (     | ) (    | 0    | 0                | 1,383              |
| 0                  | 67     | EASEMENT ACQUISITION- 2017 SC                               |       | S3    | 04   | 0      | 500   | 0          | 0          | 0        | 500                | 0                  | 500                | 0                                     | -                    |                        | 0          | 500              | 0                          |         | ) (    | 0    | 0                | 500                |
| 0                  | 68     | WATER LOSS REDUCTION STRATEGY-<br>2017 SC                   |       | S3    | 03   | -211   | -472  | 418        | 0          | 1,000    | 735                | 0                  | 735                | 0                                     |                      |                        | 0          | 735              | 0                          |         |        |      | 0                | 735                |
| 0                  | 69     | JOS UPDATE PHASE II- 2017 SC                                | CW    | S3    | 05   | -135   | 0     | 150        | 0          | 0        | 15                 | 0                  | 15                 | 0                                     |                      |                        | 0          | 1                | 0                          |         |        | 0    | 0                | 15                 |
|                    |        | Sub-total   |       |       |      | 4,832  | 8,933 | 7,023      | 3,635      | 3,055    | 27,478             | 5,500              | 32,978             | 0                                     | 0                    | 4,956                  | 0          | 23,866           | 0                          | ) (     | 4,156  | 6 0  | 0                | 32,978             |
| WAT                | 906749 | DOWNTOWN W/M ENHANCEMENT                                    |       |       |      |        |       |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |        |      |                  |                    |
| 0                  | 1      | JOS - GERRARD ST WM - ENGINEERING                           | G CW  | S2    | 03   | 26     | 0     | 0          | 0          | 0        | 26                 | 0                  | 26                 | 0                                     | 0                    | 5                      | 0          | 1                | 0                          | ) (     | 20     | 0    | 0                | 26                 |
| 0                  | 4      | JOS - GERRARD ST WM -<br>CONSTRUCTION                       | CW    | S2    | 03   | 4,539  | 0     | 0          | 0          | 0        | 4,539              | 0                  | 4,539              | 0                                     | 0                    | 904                    | 0          | 163              | 0                          | ) (     | 3,472  | 0    | 0                | 4,539              |
| 0                  | 45     | JOS - GERRARD ST WM - ENGINEERING<br>2017 SC                | G- CW | S3    | 03   | -12    | 10    | 0          | 0          | 0        | -2                 | 0                  | -2                 | 0                                     | 0                    | 0                      | 0          | -1               | 0                          | ) (     | ) -1   | 0    | 0                | -2                 |
| 0                  | 46     | JOS - GERRARD ST WM -<br>CONSTRUCTION - 2017 SC             | CW    | S3    | 03   | -4,539 | 0     | 0          | 0          | 0        | -4,539             | 0                  | -4,539             | 0                                     | 0                    | -904                   | 0          | -163             | 0                          | ) (     | -3,472 | 0    | 0                | -4,539             |
|                    |        | Sub-total   |       |       |      | 14     | 10    | 0          | 0          | 0        | 24                 | 0                  | 24                 | 0                                     | 0                    | 5                      | 0          | 0                | 0                          | ) (     | ) 19   | 0    | 0                | 24                 |
| WAT                | 906752 | TRANSMISSION R&R  |       |       |      |        |       |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |        |      |                  |                    |
| 0                  | 49     | TRUNK WATERMAIN REHAB                                       | CW    | S2    | 03   | 250    | 250   | 0          | 0          | 0        | 500                | 0                  | 500                | 0                                     | 0                    | 0                      | 0          | 500              | 0                          | ) (     | ) (    | 0    | 0                | 500                |
| 0                  | 51     | CAST IRON TRUNK REPLC - PHASE 2                             | CW    | S2    | 03   | 9,354  | 360   | 102        | 69         | 0        | 9,885              | 0                  | 9,885              | 0                                     | 0                    | 0                      | 0          | 9,885            | 0                          | ) (     | ) (    | 0    | 0                | 9,885              |
| 0                  | 52     | CAST IRON TRUNK REPLC - PHASE 3 -<br>ENGINEERING            | CW    | S2    | 03   | 2,061  | 84    | 14         | 0          | 0        | 2,159              | 0                  | 2,159              | 0                                     | 0                    | 0                      | 0          | 2,159            | 0                          | ) (     | ) (    | 0    | 0                | 2,159              |
| 0                  | 58     | CAST IRON TRUNK REPLC - PHASE 3 -<br>CONSTRUCTION           | CW    | S2    | 03   | 5,500  | 2,650 | 0          | 0          | 0        | 8,150              | 0                  | 8,150              | 0                                     | 0                    | 0                      | 0          | 8,150            | 0                          | ) (     | ) (    | 0    | 0                | 8,150              |
| 0                  | 74     | CAST IRON TRUNK REPLC - PHASE 2 -<br>2017 SC                | CW    | S3    | 03   | -724   | 1,164 | 231        | 19         | 0        | 690                | 0                  | 690                | 0                                     | 0                    | 0                      | 0          | 690              | 0                          | ) (     | ) (    | 0    | 0                | 690                |
|                    |        |   |       |       |      | -      |       |            |            |          |                    |                    | -                  |                                       |                      |                        |            |                  |                            |         |        |      |                  |                    |

## **CITY OF TORONTO**

# Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|        | •   |           |        |           |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |          |                         |      |                    |
|--------|---|-----------|--------|-----------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|------------|------------------|----------------------------|---------|----------|-------------------------|------|--------------------|
|        |   |           |        |           |        | Curre  | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Curr                 | rent and Fu            | uture Year | Cash Flo         | w Comm                     | itments | Financed | Ву                      |      |                    |
|        | Project No. Project Name<br>/SubProj No. Sub-project Name | W         | /ard S | tat. Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Debt<br>Recover<br>Debt | able | Total<br>Financing |
| WAT906 | 752 TRANSMISSION R&R                                      |           |        |           |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |          |                         |      |                    |
| 0 75   | 5 TRUNK WATERMAIN REHAB- 20                               | 17 SC     | CW S   | S3 03     | 114    | 4      | 260        | 253        | 0        | 631                | 0                  | 631                | c                                     | 0 0                  | 0                      | 0          | 631              | 0                          | (       | ) 0      | 0                       | 0    | 631                |
| 0 76   | 6 CAST IRON TRUNK REPLC - PHA<br>ENG- 2017 SC             | ASE 3 -   | CW S   | S3 03     | -1,011 | 835    | 144        | 6          | 0        | -26                | 0                  | -26                | c                                     | 0 0                  | 0                      | 0          | -26              | 0                          | (       | ) 0      | 0                       | 0    | -26                |
| 0 7    | 7 CAST IRON TRUNK REPLC - PHA<br>CONS- 2017 SC            | ASE 3 -   | CW S   | S3 03     | -2,300 | 2,100  | 200        | 0          | 0        | 0                  | 0                  | 0                  | c                                     | 0 0                  | 0                      | 0          | 0                | 0                          | (       | ) 0      | 0                       | 0    | 0                  |
|        | Sub-total   |           |        |           | 13,244 | 7,447  | 951        | 347        | 0        | 21,989             | 0                  | 21,989             | 0                                     | 0                    | 0                      | 0          | 21,989           | 0                          | (       | ) 0      | 0                       | 0    | 21,989             |
| WAT906 | 900 TRANSMISSION R&R                                      |           |        |           |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |          |                         |      |                    |
| 0 1    | TRANS FACILITIES REHAB                                    |           | CW S   | S2 03     | 750    | 750    | 0          | 0          | 0        | 1,500              | 0                  | 1,500              | C                                     | 0 0                  | 0                      | 0          | 1,500            | 0                          | (       | ) 0      | 0                       | 0    | 1,500              |
| 0 20   | 6 SCARBOROUGH PS - PUMP REF                               | PLC       | CW S   | S2 03     | 145    | 0      | 0          | 0          | 0        | 145                | 0                  | 145                | c                                     | 0 0                  | 0                      | 0          | 145              | 0                          | (       | ) 0      | 0                       | 0    | 145                |
| 0 27   | 7 EGLINTON PS - PUMP REPLC                                |           | CW S   | S2 03     | 228    | 0      | 0          | 0          | 0        | 228                | 0                  | 228                | c                                     | 0 0                  | 0                      | 0          | 228              | 0                          | (       | ) 0      | 0                       | 0    | 228                |
| 0 36   | 6 ST CLAIR RESERVOIR REHAB/W<br>QUALITY PROTECTION        | /ATER     | CW S   | S2 03     | 17,353 | 7,913  | 7          | 0          | 0        | 25,273             | 0                  | 25,273             | C                                     | 0 0                  | 0                      | 0          | 25,273           | 0                          | (       | ) 0      | 0                       | 0    | 25,273             |
| 0 48   | 8 ROSEHILL RESERVOIR                                      |           | CW S   | S2 03     | 11,479 | 10,500 | 4,600      | 0          | 0        | 26,579             | 0                  | 26,579             | C                                     | 0 0                  | 0                      | 0          | 26,579           | 0                          | (       | ) 0      | 0                       | 0    | 26,579             |
| 0 49   | 9 DOWNSVIEW PS & CONNECTOR                                | REA       | CW S   | S2 05     | 410    | 0      | 0          | 0          | 0        | 410                | 0                  | 410                | C                                     | 0 0                  | 0                      | 0          | 410              | 0                          | (       | ) 0      | 0                       | 0    | 410                |
| 0 50   | D PARKDALE PS REHABILITATION                              |           | CW S   | S2 03     | 3,580  | 1,757  | 21         | 0          | 0        | 5,358              | 0                  | 5,358              | C                                     | 0 0                  | 0                      | 0          | 5,358            | 0                          | (       | ) 0      | 0                       | 0    | 5,358              |
| 0 5'   | 1 ROSEHILL PS REHAB                                       |           | CW S   | S2 03     | 1,786  | 2,786  | 1,144      | 11         | 11       | 5,738              | 0                  | 5,738              | c                                     | 0 0                  | 0                      | 0          | 5,738            | 0                          | (       | ) 0      | 0                       | 0    | 5,738              |
| 0 67   | 7 PUMP REPLACEMENTS                                       |           | CW S   | S2 03     | 900    | 900    | 100        | 0          | 0        | 1,900              | 0                  | 1,900              | c                                     | 0 0                  | 0                      | 0          | 1,900            | 0                          | (       | ) 0      | 0                       | 0    | 1,900              |
| 0 72   | 2 RESERVOIR REHAB - PHASE 2 -                             | ENG       | CW S   | S4 03     | 200    | 250    | 300        | 650        | 350      | 1,750              | 2,150              | 3,900              | c                                     | 0 0                  | 0                      | 0          | 3,900            | 0                          | (       | ) 0      | 0                       | 0    | 3,900              |
| 0 74   | 4 PS REHAB - PHASE 2 - ENG                                |           | CW S   | S4 03     | 500    | 400    | 600        | 1,000      | 500      | 3,000              | 2,000              | 5,000              | c                                     | 0 0                  | 0                      | 0          | 5,000            | 0                          | (       | ) 0      | 0                       | 0    | 5,000              |
| 0 75   | 5 ST CLAIR RESERVOIR REHAB/W<br>QUALITY-2017 SC           | ATER      | CW S   | S3 03     | -9,003 | -63    | 8,113      | 10         | 17       | -926               | 0                  | -926               | c                                     | 0 0                  | 0                      | 0          | -926             | 0                          | (       | ) 0      | 0                       | 0    | -926               |
| 0 76   | 6 ROSEHILL RESERVOIR-2017 SC                              |           | CW S   | S3 03     | -9,229 | 270    | 5,750      | 10,150     | 3,019    | 9,960              | 34                 | 9,994              | c                                     | 0 0                  | 0                      | 0          | 9,994            | 0                          | (       | ) 0      | 0                       | 0    | 9,994              |
| 0 7    | 7 PARKDALE PS REHABILITATION                              | -2017 SC  | CW S   | S3 03     | -2,385 | 2,593  | 2,404      | 329        | 8        | 2,949              | 0                  | 2,949              | c                                     | 0 0                  | 0                      | 0          | 2,949            | 0                          | (       | ) 0      | 0                       | 0    | 2,949              |
| 0 78   | B SCARBOROUGH PS - PUMP REF<br>SC                         | PLC- 2017 | CW S   | S3 03     | 5      | 0      | 0          | 0          | 0        | 5                  | 0                  | 5                  | C                                     | 0 0                  | 0                      | 0          | 5                | 0                          | (       | ) 0      | 0                       | 0    | 5                  |
| 0 79   | 9 EGLINTON PS - PUMP REPLC- 20                            | 017 SC    | CW S   | S3 03     | 25     | 0      | 0          | 0          | 0        | 25                 | 0                  | 25                 | c                                     | 0 0                  | 0                      | 0          | 25               | 0                          | (       | ) 0      | 0                       | 0    | 25                 |
| 0 80   | DOWNSVIEW PS & CONNECTOR<br>2017 SC                       | R EA-     | CW S   | S3 05     | -85    | 280    | 0          | 0          | 0        | 195                | 0                  | 195                | c                                     | 0 0                  | 0                      | 0          | 195              | 0                          | (       | ) 0      | 0                       | 0    | 195                |
| 08     | 1 ROSEHILL PS REHAB- 2017 SC                              |           | CW S   | S3 03     | 33     | 0      | 20         | 13         | 14       | 80                 | 0                  | 80                 | C                                     | 0 0                  | 0                      | 0          | 80               | 0                          | (       | ) 0      | 0                       | 0    | 80                 |
|        | Sub-total   |           |        |           | 16,692 | 28,336 | 23,059     | 12,163     | 3,919    | 84,169             | 4,184              | 88,353             | 0                                     | 0                    | 0                      | 0          | 88,353           | 0                          | (       | ) 0      | 0                       | 0    | 88,353             |
|        |   |           |        |           |        |        |            |            |          |                    |                    |                    |                                       |                      |                        |            |                  |                            |         |          |                         |      |                    |

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| WAT906<br>0 3<br>0 2             | 6902 <u>HA</u> I    | No. Project Name<br>j No. Sub-project Name        |       |       |      |        | Curr   | ent and F | uture Year | Cash Flov | v Commitn          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year | Cash Flo         | w Comm                     | itments I | Financed | -                    |   |                    |
|----------------------------------|---------------------|---|-------|-------|------|--------|--------|-----------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|-----------|----------|----------------------|---|--------------------|
| Priority<br>WAT906<br>0 3<br>0 2 | ySubPro<br>6902 HAI |   |       |       |      |        |        |           |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |          |                      |   |                    |
| 0 3<br>0 2                       |                     |   | Ward  | Stat. | Cat. | 2017   | 2018   | 2019      | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2   | Del<br>Recov<br>Debt |   | Total<br>Financing |
| 0 2                              | FAC                 | RRIS W.T.P. R&R                                   |       |       |      |        |        |           |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |          |                      |   |                    |
|                                  |                     | CILITY & PROCESS UPGRADES                         | CW    | S2    | 03   | 500    | 0      | 0         | 0          | 0         | 500                | 0                  | 500                | C                                     | 0 0                | 0                      | 0          | 500              | 0                          | 0         | ) 0      | 0                    | 0 | 500                |
|                                  | 21 HV/              | AC REHAB CONSTRUCTION                             | CW    | S2    | 03   | 2,766  | 847    | 0         | 0          | 0         | 3,613              | 0                  | 3,613              | C                                     | 0 0                | 0                      | 0          | 3,613            | 0                          | 0         | ) 0      | 0                    | 0 | 3,613              |
| 0 2                              | 9 HAI<br>PIL        | RRIS FILTERS REHABILITATION -<br>OT               | CW    | S2    | 03   | 3,620  | 722    | 0         | 0          | 0         | 4,342              | 0                  | 4,342              | o                                     | 0 0                | 0                      | 0          | 4,342            | 0                          | 0         | ) 0      | 0                    | 0 | 4,342              |
| 05                               |                     | HAB OF SETTLING BASIN ROOF &<br>JICE GATES        | CW    | S2    | 03   | 9,579  | 5,384  | 23        | 0          | 0         | 14,986             | 0                  | 14,986             | C                                     | 0 0                | 0                      | 0          | 14,986           | 0                          | 0         | 0 0      | 0                    | 0 | 14,986             |
| 0 7                              |                     | TERIOR SECURITY LIGHTING<br>GRADES                | CW    | S2    | 03   | 0      | 100    | 550       | 550        | 0         | 1,200              | 0                  | 1,200              | C                                     | 0 0                | 0                      | 0          | 1,200            | 0                          | 0         | 0 0      | 0                    | 0 | 1,200              |
| 08                               |                     | UID CHEMICAL SYSTEM<br>PROVEMENTS                 | CW    | S2    | 04   | 1,450  | 1,148  | 7         | 0          | 0         | 2,605              | 0                  | 2,605              | C                                     | 0 0                | 0                      | 0          | 2,605            | 0                          | 0         | 0 0      | 0                    | 0 | 2,605              |
| 09                               |                     | RITAGE MASONRY AND<br>CHITECTURAL RESTORATION     | CW    | S2    | 03   | 200    | 200    | 200       | 200        | 200       | 1,000              | 0                  | 1,000              | C                                     | 0 0                | 0                      | 0          | 1,000            | 0                          | 0         | 0 0      | 0                    | 0 | 1,000              |
| 09                               | 9 CO                | NTROL ROOM RELOCATION                             | CW    | S2    | 04   | 593    | 0      | 0         | 0          | 0         | 593                | 0                  | 593                | C                                     | 0 0                | 0                      | 0          | 593              | 0                          | 0         | 0 0      | 0                    | 0 | 593                |
| 0 1                              | 00 EM               | ERGENCY STANDBY POWER                             | CW    | S2    | 04   | 895    | 5      | 0         | 0          | 0         | 900                | 0                  | 900                | C                                     | 0 0                | 0                      | 0          | 900              | 0                          | 0         | ) 0      | 0                    | 0 | 900                |
| 0 1                              | 02 PH               | ONE SYSTEM UPGRADE                                | CW    | S2    | 03   | 510    | 0      | 0         | 0          | 0         | 510                | 0                  | 510                | C                                     | 0 0                | 0                      | 0          | 510              | 0                          | 0         | 0 0      | 0                    | 0 | 510                |
| 0 1                              |                     | HAB OF SETTLING BASIN ROOF<br>LUICE GATES-2017 SC | CW    | S3    | 03   | -279   | 2,931  | 78        | 10         | 13        | 2,753              | 0                  | 2,753              | C                                     | 0 0                | 0                      | 0          | 2,753            | 0                          | 0         | ) 0      | 0                    | 0 | 2,753              |
| 0 1                              |                     | RRIS FILTERS REHABILITATION -<br>OT-2017 SC       | CW    | S3    | 03   | -2,970 | 2,906  | 65        | 0          | 0         | 1                  | 0                  | 1                  | C                                     | 0 0                | 0                      | 0          | 1                | 0                          | (         | ) 0      | 0                    | 0 | 1                  |
| 0 1                              | 11 CO               | NTROL ROOM RELOCATION-2017 S                      | C CW  | S3    | 04   | -518   | 525    | 0         | 0          | 0         | 7                  | 0                  | 7                  | C                                     | 0 0                | 0                      | 0          | 7                | 0                          | (         | ) 0      | 0                    | 0 | 7                  |
| 0 1                              |                     | AVELLING SCREENS 3 & 5<br>GRADE-2017 SC           | CW    | S3    | 03   | 0      | 300    | 450       | 0          | 0         | 750                | 0                  | 750                | C                                     | 0 0                | 0                      | 0          | 750              | 0                          | (         | ) 0      | 0                    | 0 | 750                |
| 0 1                              | 13 PH               | ONE SYSTEM UPGRADE-2017 SC                        | CW    | S3    | 03   | -510   | 70     | 510       | 0          | 0         | 70                 | 0                  | 70                 | C                                     | 0 0                | 0                      | 0          | 70               | 0                          | 0         | ) 0      | 0                    | 0 | 70                 |
| 0 1                              | 14 FAC<br>SC        | CILITY & PROCESS UPGRADES- 201                    | 7 CW  | S3    | 03   | 0      | 500    | 0         | 0          | 0         | 500                | 0                  | 500                | C                                     | 0 0                | 0                      | 0          | 500              | 0                          | (         | ) 0      | 0                    | 0 | 500                |
| 0 1                              | 15 HV/              | AC REHAB CONSTRUCTION- 2017 S                     | C CW  | S3    | 03   | -1,205 | 3,453  | 4,281     | 0          | 0         | 6,529              | 0                  | 6,529              | C                                     | 0 0                | 0                      | 0          | 6,529            | 0                          | 0         | ) 0      | 0                    | 0 | 6,529              |
| 0 1                              |                     | UID CHEMICAL SYSTEM<br>PROVEMENTS- 2017 SC        | CW    | S3    | 04   | -989   | 3,249  | 137       | 7          | 0         | 2,404              | 0                  | 2,404              | O                                     | 0 0                | 0                      | 0          | 2,404            | 0                          | (         | ) 0      | 0                    | 0 | 2,404              |
| 0 1                              |                     | RITAGE MASONRY ARCHITECTURAL<br>STORATION-2017 SC | CW    | S3    | 03   | 0      | 0      | 0         | 0          | 0         | 0                  | 150                | 150                | O                                     | 0 0                | 0                      | 0          | 150              | 0                          | 0         | ) 0      | 0                    | 0 | 150                |
| 0 1                              | 18 EM               | ERGENCY STANDBY POWER- 2017                       | SC CW | S3    | 04   | -395   | 995    | 405       | 0          | 0         | 1,005              | 0                  | 1,005              | C                                     | 0 0                | 0                      | 0          | 1,005            | 0                          | 0         | ) 0      | 0                    | 0 | 1,005              |
|                                  |                     | Sub-total   |       |       |      | 13,247 | 23,335 | 6,706     | 767        | 213       | 44,268             | 150                | 44,418             | 0                                     | 0                  | 0                      | 0          | 44,418           | 0                          | (         | ) 0      | 0                    | 0 | 44,418             |
| WAT906                           | 6903 FJI            | HORGAN W.T.P. R&R                                 |       |       |      |        |        |           |            |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |          |                      |   |                    |
| 05                               | 5 FAC               | CILITY & PROCESS UPGRADES                         | CW    | S2    | 03   | 516    | 0      | 0         | 0          | 0         | 516                | 0                  | 516                | C                                     | 0 0                | 0                      | 0          | 516              | 0                          | 0         | ) 0      | 0                    | 0 | 516                |
| 08                               | RA\                 | W WATER PUMP UGRADES                              | CW    | S2    | 03   | 469    | 0      | 0         | 0          | 0         | 469                | 0                  | 469                | C                                     | 0 0                | 0                      | 0          | 469              | 0                          | 0         | 0 0      | 0                    | 0 | 469                |

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                      |               |  |           |       |      |        | Curr   | ent and Fu | iture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year C | ash Flov | w Comm                     | itments | Finance | d By |                            |                    |
|----------------------|---------------|--|-----------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------|----------|----------------------------|---------|---------|------|----------------------------|--------------------|
| <u>Sub-</u><br>Prior |               | <u>ect No. Project Name</u><br>Proj No. Sub-project Name | Ward      | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves F   | eserve   | Capital<br>from<br>Current | Other 1 | Other2  |      | Debt -<br>Recoverable<br>t | Total<br>Financing |
|                      | -             | FJ HORGAN W.T.P. R&R                                     |           |       |      |        |        |            |            |          |                    |                    |                    | Cabolaloo                             |                    |                        |              |          |                            |         |         |      |                            |                    |
| 0                    | 15            | REPLACEMENT OF MCCS                                      | CW        | S2    | 03   | 2,315  | 2,400  | 250        | 152        | 10       | 5,127              | 9                  | 5,136              | 0                                     | 0                  | 0 0                    | 0            | 5,136    | 0                          | (       | ) (     | 0    | 0 0                        | 5,136              |
| 0                    |               | BUILDING FIRE, HVAC, LIGHTING<br>UPGRADES                | CW        | S2    | 04   | 855    | 1,375  | 1,825      | 10         | 10       | 4,075              | 0                  | 4,075              | 0                                     | 0                  | 0                      | 0            | 4,075    | 0                          | (       | ) (     | 0    | 0 0                        | 4,075              |
| 0                    |               | ELEC GROUNDING SYSTEM & BULK<br>CHEM UNLOADING IMPRO     | CW        | S2    | 04   | 550    | 3      | 3          | 0          | 0        | 556                | 0                  | 556                | o                                     | 0                  | 0 0                    | 0            | 556      | 0                          | (       | ) (     | D    | 0 0                        | 556                |
| 0                    | 34            | TREATED WATER PUMP UPGRADES                              | CW        | S2    | 04   | 1,890  | 0      | 0          | 0          | 0        | 1,890              | 0                  | 1,890              | 0                                     | 0                  | 0 0                    | 0            | 1,890    | 0                          | (       | ) (     | D    | 0 0                        | 1,890              |
| 0                    |               | FACILITY & PROCESS UPGRADES- 2017<br>SC                  | 7 CW      | S3    | 03   | 240    | 613    | 0          | 0          | 0        | 853                | 0                  | 853                | o                                     | 0                  | 0 0                    | 0            | 853      | 0                          | (       | ) (     | D    | 0 0                        | 853                |
| 0                    | 54            | REPLACEMENT OF MCCS- 2017 SC                             | CW        | S3    | 03   | -57    | 36     | 0          | 75         | 0        | 54                 | 0                  | 54                 | o                                     | 0                  | 0 0                    | 0            | 54       | 0                          | (       | ) (     | D    | 0 0                        | 54                 |
| 0                    | 55            | RAW WATER PUMP UGRADES- 2017 SC                          | CW        | S3    | 03   | 52     | 0      | 0          | 0          | 0        | 52                 | 0                  | 52                 | o                                     | 0                  | 0 0                    | 0            | 52       | 0                          | (       | ) (     | D    | 0 0                        | 52                 |
| 0                    |               | ELEC GROUNDING SYS & STANDBY<br>POWER OPTIMI- 2017 SC    | CW        | S3    | 04   | -500   | 527    | 277        | 0          | 0        | 304                | 0                  | 304                | 0                                     | 0                  | 0 0                    | 0            | 304      | 0                          | (       | ) (     | D    | 0 0                        | 304                |
| 0                    |               | TREATED WATER PUMP UPGRADES-<br>2017 SC                  | CW        | S3    | 04   | -364   | 0      | 0          | 0          | 0        | -364               | 0                  | -364               | o                                     | 0                  | 0 0                    | 0            | -364     | 0                          | (       | ) (     | D    | 0 0                        | -364               |
| 0                    |               | BUILDING FIRE, HVAC, LIGHTING<br>UPGRADES- 2017 SC       | CW        | S3    | 04   | -597   | 720    | 125        | 0          | 0        | 248                | 0                  | 248                | o                                     | 0                  | 0 0                    | 0            | 248      | 0                          | (       | ) (     | D    | 0 0                        | 248                |
|                      |               | Sub-total  |           |       |      | 5,369  | 5,674  | 2,480      | 237        | 20       | 13,780             | 9                  | 13,789             | 0                                     | 0                  | 0 0                    | 0            | 13,789   | 0                          | (       | )       | 0    | 0 0                        | 13,789             |
| <u>WAT</u> S         | <u>906906</u> | TRUNK WATERMAIN EXPANSION                                |           |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |              |          |                            |         |         |      |                            |                    |
| 0                    |               | JOS WM SCAR PS TO ST CLAIR AND<br>MIDLAND - ENG          | CW        | S2    | 05   | 784    | 450    | 173        | 21         | 0        | 1,428              | 0                  | 1,428              | 0                                     | 0                  | 684                    | 0            | 420      | 0                          | (       | ) 324   | 4    | 0 0                        | 1,428              |
| 0                    |               | JOS - WM Scar PS to St. Clair&Midland (CONST)            | CW        | S4    | 05   | 2,000  | 12,000 | 12,000     | 8,000      | 0        | 34,000             | 0                  | 34,000             | 0                                     | 0                  | 16,289                 | 0            | 9,987    | 0                          | (       | 0 7,724 | 4    | 0 0                        | 34,000             |
| 0                    |               | JOS WM from Scar PS to St.Clair&Midland<br>ENG 2017SC    | d CW      | S3    | 05   | -384   | 61     | 202        | 162        | 11       | 52                 | 0                  | 52                 | 0                                     | 0                  | 26                     | 0            | 14       | 0                          | (       | ) 12    | 2    | 0 0                        | 52                 |
|                      |               | Sub-total  |           |       |      | 2,400  | 12,511 | 12,375     | 8,183      | 11       | 35,480             | 0                  | 35,480             | 0                                     | 0                  | 16,999                 | 0            | 10,421   | 0                          | (       | 0 8,06  | 0    | 0 0                        | 35,480             |
| WATS                 | 06914         | SWITCH GEAR TRANSFORMER                                  |           |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |              |          |                            |         |         |      |                            |                    |
| 0                    |               | INDOOR/OUTDOOR SWITCHGEAR<br>(PHASE 3)                   | CW        | S2    | 03   | 3,913  | 0      | 0          | 0          | 0        | 3,913              | 0                  | 3,913              | 0                                     | 0                  | 0 0                    | 0            | 3,913    | 0                          | (       | ) (     | D    | 0 0                        | 3,913              |
| 0                    |               | INDOOR/OUTDOOR SWITCHGEAR<br>(PHASE 3)- 2017 SC          | CW        | S3    | 03   | -1,663 | 1,274  | 0          | 0          | 0        | -389               | 0                  | -389               | 0                                     | 0                  | 0 0                    | 0            | -389     | 0                          | (       | ) (     | D    | 0 0                        | -389               |
|                      |               | Sub-total  |           |       |      | 2,250  | 1,274  | 0          | 0          | 0        | 3,524              | 0                  | 3,524              | 0                                     | 0                  | 0 0                    | 0            | 3,524    | 0                          | (       | )       | 0    | 0 0                        | 3,524              |
| <u>WAT</u> S         | 06917         | TRANSMISSION OPERATIONS OPTIMIZI                         | <u>ER</u> |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |              |          |                            |         |         |      |                            |                    |
| 0                    |               | TRANSMISSION OPERATIONS<br>OPTIMIZER                     | CW        | S2    | 04   | 257    | 200    | 0          | 0          | 0        | 457                | 0                  | 457                | 0                                     | 0                  | 0 0                    | 0            | 219      | 0                          | (       | ) 238   | В    | 0 0                        | 457                |
| 0                    |               | TRANSMISSION OPERATIONS<br>OPTIMIZER- 2017 SC            | CW        | S3    | 04   | -7     | 20     | 0          | 0          | 0        | 13                 | 0                  | 13                 | o                                     | 0                  | 0 0                    | 0            | -63      | 0                          | (       | 0 76    | 6    | 0 0                        | 13                 |
|                      |               | Sub-total  |           |       |      | 250    | 220    | 0          | 0          | 0        | 470                | 0                  | 470                | 0                                     | 0                  | 0                      | 0            | 156      | 0                          | (       | ) 31    | 4    | 0 0                        | 470                |
| <u>WATS</u>          | 06918         | WATER SUSTAINABILITY PROGRAM                             |           |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |              |          |                            |         |         |      |                            |                    |

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## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| PriorityS                   | Project No. Project Name<br>SubProj No. Sub-project Name<br>118 WATER SUSTAINABILITY PROGRAM<br>WATER SUSTAINABILITY PROGRAM | Ward |       |          |              | Curre      | ent and Fu | iture Year | Cash Flo | w Commitm          | nents              |                    |                                       | Cur                  | rent and Fu            | uture Year C | ash Flov     | w Commi                    | itments I | inanced |                             | 1                    |
|-----------------------------|--|------|-------|----------|--------------|------------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|--------------|--------------|----------------------------|-----------|---------|-----------------------------|----------------------|
| PriorityS<br>WAT9069<br>0 1 | SubProj No. Sub-project Name   | Ward |       |          |              |            |            |            |          |                    |                    |                    |                                       |                      |                        |              |              |                            |           |         |                             |                      |
| WAT9069<br>0 1              | 118 WATER SUSTAINABILITY PROGRAM   |      | Stat. | Cat.     | 2017         | 2018       | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges | Reserves F   |              | Capital<br>from<br>Current | Other 1   | Other2  | Debt -<br>Recoverab<br>Debt | le Total<br>Financin |
|                             | WATER SUSTAINABILITY PROGRAM   |      |       |          |              |            |            |            |          |                    |                    |                    | Cabbildico                            |                      |                        |              |              |                            |           |         |                             |                      |
| 0 12                        |  | CW   | S2    | 04       | 17,341       | 20         | 2          | 0          | 0        | 17,363             | 0                  | 17,363             | о                                     | 0                    | 1,055                  | 0            | 11,081       | 0                          | C         | 5,227   | 0                           | 0 17,36              |
|                             | STANDBY POWER - ROSEHILL   | CW   | S2    | 04       | 3,344        | 4,344      | 5,167      | 1,815      | 15       | 14,685             | 0                  | 14,685             | 0                                     | 0                    | 882                    | 0            | 9,397        | 0                          | C         | 4,406   | 0                           | 0 14,68              |
| 0 19                        | WATER SUSTAINABILITY STANDBY<br>POWER-ELLESMERE2017SC  | CW   | S3    | 04       | -12,041      | 5,187      | 5,269      | 10         | 0        | -1,575             | 0                  | -1,575             | 0                                     | 0                    | -95                    | 0            | -1,005       | 0                          | C         | -475    | 0                           | 0 -1,57              |
| 0 20                        | STANDBY POWER - ROSEHILL- 2017 SC  | CW   | S3    | 04       | 49           | 0          | -67        | -12        | -2       | -32                | 14                 | -18                | 0                                     | 0                    | -1                     | 0            | -11          | 0                          | C         | -6      | 0                           | 0 -1                 |
|                             | Sub-total  |      |       |          | 8,693        | 9,551      | 10,371     | 1,813      | 13       | 30,441             | 14                 | 30,455             | 0                                     | 0                    | 1,841                  | 0            | 19,462       | 0                          | C         | 9,152   | 0                           | 0 30,45              |
| WAT9069                     | 19 RL CLARK W.T.P. R&R   |      |       |          |              |            |            |            |          |                    |                    |                    |                                       |                      |                        |              |              |                            |           |         |                             |                      |
| 0 1                         | FACILITY & PROCESS UPGRADES  | CW   | S2    | 03       | 150          | 150        | 0          | 0          | 0        | 300                | 0                  | 300                | 0                                     | 0                    | 0                      | 0            | 300          | 0                          | C         | 0 0     | 0                           | 0 30                 |
| 08                          | PROCESS EQUIPMENT UPGRADE<br>ENGINEERING   | CW   | S2    | 03       | 1,264        | 480        | 1,392      | 60         | 0        | 3,196              | 0                  | 3,196              | 0                                     | 0                    | 195                    | 0            | 3,001        | 0                          | C         | 0 0     | 0                           | 0 3,19               |
| 0 15                        | PROCESS EQUIPMENT UPGRADE<br>CONSTRUCTION  | CW   | S2    | 03       | 15,112       | 12,215     | 82         | 0          | 0        | 27,409             | 0                  | 27,409             | 0                                     | 0                    | 1,667                  | 0            | 25,742       | 0                          | C         | 0       | 0                           | 0 27,40              |
| 0 44                        | EVACUATION AND COMMUNICATION SYSTEMS   | CW   |       | 03       | 308          | 5          | 0          | 0          | 0        | 313                | 0                  | 313                | 0                                     | 0                    | 0                      | 0            | 313          | 0                          | C         |         | 0                           | 0 31                 |
| 0 68                        | PROCESS EQUIPMENT UPGRADE<br>ENGINEERING-2017 SC   |      |       | 03       | -904         | 130        | -892       | 1,394      | 60       |                    | 35                 | -177               | 0                                     |                      | -12                    |              | -165         | 0                          |           |         | 0                           | 0 -17                |
| 0 69<br>0 70                | PROCESS EQUIPMENT UPGRADE<br>CONSTRUCTION-2017 SC<br>FACILITY & PROCESS UPGRADES- 2017                                       |      | S3    | 03<br>03 | -5,300<br>50 | -500<br>50 | 9,950<br>0 | 3,000      | 0        | 7,150<br>100       | 0                  | 7,150<br>100       | 0                                     | 0                    | 434<br>0               | 0            | 6,716<br>100 | 0                          | -         |         | 0                           | 0 7,15<br>0 10       |
| 0 70                        | SC<br>EVACUATION AND COMMUNICATION   |      |       | 03       | 66           | 227        | 20         | 0          | 0        | 313                | 0                  | 313                | 0                                     |                      |                        |              | 313          | 0                          |           |         |                             | 0 31                 |
| 0 /1                        | SYSTEMS- 2017 SC   | 0.1  | 00    |          |              |            |            |            | -        |                    |                    |                    | -                                     |                      |                        |              |              |                            |           |         |                             |                      |
|                             | Sub-total  |      |       |          | 10,746       | 12,757     | 10,552     | 4,454      | 60       | 38,569             | 35                 | 38,604             | 0                                     | 0                    | 2,284                  | 0            | 36,320       | 0                          | C         | 0 0     | 0                           | 0 38,60              |
| WAT9069                     | 30 DIST W/M REPLACEMENT  |      |       |          |              |            |            |            |          |                    |                    |                    |                                       |                      |                        |              |              |                            |           |         |                             |                      |
| 0 14                        | 2010 WM REPLC  | CW   | S2    | 03       | 5            | 0          | 0          | 0          | 0        | 5                  | 0                  | 5                  | 0                                     | 0                    | 0                      | 0            | 5            | 0                          | C         | 0       | 0                           | 0                    |
| 0 21                        | 2011 WM REPLC  | CW   | S2    | 03       | 4            | 0          | 0          | 0          | 0        | 4                  | 0                  | 4                  | 0                                     | 0                    | 0                      | 0            | 4            | 0                          | C         | 0       | 0                           | 0                    |
| 0 29                        | DIST W/M REPLC - 2012  | CW   | S2    | 03       | 113          | 0          | 0          | 0          | 0        | 113                | 0                  | 113                | 0                                     | 0                    | 0                      | 0            | 113          | 0                          | C         | 0 0     | 0                           | 0 11                 |
| 0 39                        | 2013 WM REPLC - SOGR   | CW   | S2    | 03       | 1            | 0          | 0          | 0          | 0        | 1                  | 0                  | 1                  | 0                                     | 0                    | 0                      | 0            | 1            | 0                          | C         | 0 0     | 0                           | 0                    |
| 0 51                        | DIST W/M REPLACEMENT - 2014  | CW   | S2    | 03       | 402          | 0          | 0          | 0          | 0        | 402                | 0                  | 402                | 0                                     | 0                    | 0                      | 0            | 402          | 0                          | C         | 0       | 0                           | 0 40                 |
| 0 52                        | WATERMAIN UPGRADES - 2014  | CW   | S2    | 05       | 400          | 0          | 0          | 0          | 0        | 400                | 0                  | 400                | 0                                     | 0                    | 0                      | 0            | 400          | 0                          | C         | 0 0     | 0                           | 0 40                 |
| 0 55                        | WATERMAIN REPLACEMENT -<br>METROLINX   | CW   | S2    | 03       | 1,045        | 1,000      | 1,000      | 0          | 0        | 3,045              | 0                  | 3,045              | 0                                     | 0                    | 0                      | 0            | 3,045        | 0                          | C         | 0       | 0                           | 0 3,04               |
| 0 59                        | 2013 WM REPLC - UPGRADES   | CW   | S2    | 05       | 5            | 0          | 0          | 0          | 0        | 5                  | 0                  | 5                  | 0                                     | 0                    | 2                      | 0            | 3            | 0                          | C         | ) 0     | 0                           | 0                    |

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| Priority Bubby Bubb |      |        | 0                                  |       |            |      |        |        |           |            |          |           |       |         |            |                      |                        |                           |                            |          |          |        |        |                    |
|---|------|--------|------------------------------------|-------|------------|------|--------|--------|-----------|------------|----------|-----------|-------|---------|------------|----------------------|------------------------|---------------------------|----------------------------|----------|----------|--------|--------|--------------------|
| Bit         Prodect Note  |      |        |                                    |       |            |      |        | Curr   | ent and F | uture Year | Cash Flo | w Commitr | nents |         |            | Curi                 | rent and Fu            | uture Year Cash Fle       | ow Comn                    | nitments | Financed | Ву     |        |                    |
| NUMBER         STEMMAREF         S  |      | -      |                                    | Ward  | Stat.      | Cat. | 2017   | 2018   | 2019      | 2020       | 2021     |           |       |         | Grants and | Federal [<br>Subsidy | Development<br>Charges | Reserve<br>Reserves Funds | Capital<br>from<br>Current | Other 1  | Other2   | Recove | erable | Total<br>Financing |
| 0       44       WATERNAN DEGADES 2015       0.       0.       0.       0.0   | WATS | 906930 | DIST W/M REPLACEMENT               |       |            |      |        |        |           |            |          |           |       |         |            |                      |                        |                           |                            |          |          |        |        |                    |
| 0       75       015T WAM REPLACEMENT-2016       05       015       0.0       0.4882       0.0       2.8877       0.0       0.0       0.4882       0.0       2.8877       0.0       0.0       0.4882       0.0       2.8877       0.0       0.0       0.4882       0.0       2.8877       0.0       0.0       0.4882       0.0       2.8987       0.0       0.0       0.4882       0.0       2.8987       0.0<  | 0    | 63     | DIST W/M REPLACEMENT - 2015        | CW    | S2         | 03   | 4,691  | 155    | 0         | 0          | 0        | 4,846     | 0     | 4,846   | С          | 0 0                  | 754                    | 0 4,092                   | 2 (                        | ) (      | ) 0      | 0      | 0      | 4,846              |
| 0       74       WATERMAN URGRADES - 2016       W. 8       64.40       6.400       6.400       6.310       6.310       0.0       5.400  | 0    | 64     | WATERMAIN UPGRADES - 2015          | CW    | S2         | 05   | 338    | 0      | 0         | 0          | 0        | 338       | 0     | 338     | C          | 0 0                  | 105                    | 0 233                     | 3 (                        | ) (      | 0 0      | 0      | 0      | 338                |
| 0         | 0    | 73     | DIST W/M REPLACEMENT - 2016        | CW    | S2         | 03   | 19,562 | 8,427  | 0         | 0          | 0        | 27,989    | 0     | 27,989  | C          | 0 0                  | 4,352                  | 0 23,637                  | , (                        | ) (      | 0 0      | 0      | 0      | 27,989             |
| International and a control of a c | 0    | 74     | WATERMAIN UPGRADES - 2016          | CW    | S2         | 05   | 3,470  | 1,840  | 0         | 0          | 0        | 5,310     | 0     | 5,310   | C          | 0 0                  | 1,652                  | 0 3,658                   | 3 (                        | ) (      | 0 0      | 0      | 0      | 5,310              |
| a       WATERMAIN URGRADES - 2017       CW       S4       0       10.33       2,962       1,476       0       14,761       0       0       4,582       0       10,168       0       0       0       0       0       0       0       14,761       0       14,761       0       0       4,582       0       10,168       0  | 0    | 82     | DIST W/M REPLACEMENT - 2015-2017 S | SC CW | S3         | 03   | -3,738 | 741    | 0         | 0          | 0        | -2,997    | 0     | -2,997  | C          | 0 0                  | -467                   | 0 -2,530                  | ) (                        | ) (      | 0 0      | 0      | 0      | -2,997             |
| 0       8.7       2010 WIN REPLC-2017 SC       CV       S3       0.3       0.1       0.0       0.0       0.1       0.0 </td <td>0</td> <td>83</td> <td>DIST W/M REPLACEMENT - 2017</td> <td>CW</td> <td>S4</td> <td>03</td> <td>51,296</td> <td>15,598</td> <td>7,272</td> <td>0</td> <td>0</td> <td>74,166</td> <td>0</td> <td>74,166</td> <td>C</td> <td>0 0</td> <td>11,533</td> <td>0 62,633</td> <td>3 (</td> <td>) (</td> <td>0 0</td> <td>0</td> <td>0</td> <td>74,166</td>  | 0    | 83     | DIST W/M REPLACEMENT - 2017        | CW    | S4         | 03   | 51,296 | 15,598 | 7,272     | 0          | 0        | 74,166    | 0     | 74,166  | C          | 0 0                  | 11,533                 | 0 62,633                  | 3 (                        | ) (      | 0 0      | 0      | 0      | 74,166             |
| No.       No.       DIST WM REPLC - 2012-2017 SC       CW       S3       G3       G40       G0       G0 <td>0</td> <td>84</td> <td>WATERMAIN UPGRADES - 2017</td> <td>CW</td> <td>S4</td> <td>05</td> <td>10,333</td> <td>2,952</td> <td>1,476</td> <td>0</td> <td>0</td> <td>14,761</td> <td>0</td> <td>14,761</td> <td>C</td> <td>0 0</td> <td>4,592</td> <td>0 10,169</td> <td>) (</td> <td>) (</td> <td>0 0</td> <td>0</td> <td>0</td> <td>14,761</td>  | 0    | 84     | WATERMAIN UPGRADES - 2017          | CW    | S4         | 05   | 10,333 | 2,952  | 1,476     | 0          | 0        | 14,761    | 0     | 14,761  | C          | 0 0                  | 4,592                  | 0 10,169                  | ) (                        | ) (      | 0 0      | 0      | 0      | 14,761             |
| Image: A standing conditioned conditana conditioned conditioned conditioned conditi         | 0    | 87     | 2010 WM REPLC- 2017 SC             | CW    | S3         | 03   | 1      | 0      | 0         | 0          | 0        | 1         | 0     | 1       | C          | 0 0                  | 0                      | 0 1                       | . (                        | ) (      | 0 0      | 0      | 0      | 1                  |
| 0       90       2013 WM REPLC - UPGRADES - 2017 SC       CW       S3       05       101       0       0       101       0       0       101       0       0       101       0       0       101       0       0       101       0       0       140       0       140       0       140          | 0    | 88     | DIST W/M REPLC - 2012- 2017 SC     | CW    | S3         | 03   | 90     | 0      | 0         | 0          | 0        | 90        | 0     | 90      | C          | 0 0                  | 0                      | 0 90                      | ) (                        | ) (      | 0 0      | 0      | 0      | 90                 |
| 0       91       DIST W/M REPLACEMENT - 2014 - 2017       CW       S3       0.3       -4.01       2.55       0       0       -1.46       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0  | 0    | 89     | 2013 WM REPLC - SOGR- 2017 SC      | CW    | S3         | 03   | 10     | 0      | 0         | 0          | 0        | 10        | 0     | 10      | C          | 0 0                  | 0                      | 0 10                      | ) (                        | ) (      | 0 0      | 0      | 0      | 10                 |
| SC       SC <th< td=""><td>0</td><td>90</td><td>2013 WM REPLC - UPGRADES- 2017 SC</td><td>cw</td><td>S3</td><td>05</td><td>0</td><td>101</td><td>0</td><td>0</td><td>0</td><td>101</td><td>0</td><td>101</td><td>C</td><td>0 0</td><td>31</td><td>0 70</td><td>) (</td><td>) (</td><td>) 0</td><td>0</td><td>0</td><td>101</td></th<>   | 0    | 90     | 2013 WM REPLC - UPGRADES- 2017 SC  | cw    | S3         | 05   | 0      | 101    | 0         | 0          | 0        | 101       | 0     | 101     | C          | 0 0                  | 31                     | 0 70                      | ) (                        | ) (      | ) 0      | 0      | 0      | 101                |
| 0       93       WATERMAIN REPLACEMENT -       CW       S3       0       -712       -649       724       1,494       1,494       2,351       0       0       0       2,351       0  | 0    | 91     |                                    | CW    | S3         | 03   | -401   | 255    | 0         | 0          | 0        | -146      | 0     | -146    | C          | 0 0                  | 40                     | 0 -186                    | 6 (                        | ) (      | ) 0      | 0      | 0      | -146               |
| METROLINX- 2017 SC       METROLINX  | 0    | 92     | WATERMAIN UPGRADES - 2014- 2017 S  | C CW  | S3         | 05   | -400   | 0      | 0         | 0          | 0        | -400      | 0     | -400    | C          | 0 0                  | 0                      | 0 -400                    | ) (                        | ) (      | ) 0      | 0      | 0      | -400               |
| 0       95       DIST W/M REPLACEMENT - 2016 - 2017       CW       S3       03,443       -1,270       374       0       0       2,547       0       0       396       0       2,151       0<  | 0    | 93     |                                    | CW    | S3         | 03   | -712   | -649   | 724       | 1,494      | 1,494    | 2,351     | 0     | 2,351   | C          | 0 0                  | 0                      | 0 2,351                   | (                          | ) (      | ) 0      | 0      | 0      | 2,351              |
| SC       NATERMAIN UPGRADES - 2016 - 2017 C 0W S3       CW S3       CM C       CAS       CM C       S3       S3       S3       S3       S3<   | 0    | 94     | WATERMAIN UPGRADES - 2015- 2017 S  | c cw  | S3         | 05   | -191   | 0      | 0         | 0          | 0        | -191      | 0     | -191    | С          | 0 0                  | -59                    | 0 -132                    | 2 (                        | ) (      | ) 0      | 0      | 0      | -191               |
| Sub-total       Image:  | 0    | 95     |                                    | CW    | S3         | 03   | 3,443  | -1,270 | 374       | 0          | 0        | 2,547     | 0     | 2,547   | С          | 0 0                  | 396                    | 0 2,151                   | . (                        | ) (      | ) 0      | 0      | 0      | 2,547              |
| WATE       DIST       WM REHABILITATION       Image: Company and Com                                    | 0    | 96     | WATERMAIN UPGRADES - 2016- 2017 S  | C CW  | <b>S</b> 3 | 05   | 1,086  | -255   | 0         | 0          | 0        | 831       | 0     | 831     | C          | 0 0                  | 258                    | 0 573                     | 3 (                        | ) (      | ) 0      | 0      | 0      | 831                |
| 0       4       HYDRANT & VALVE REPAIR       CW       S2       03       2,193       0       0       0, 2,193       0  |      |        | Sub-total                          |       |            |      | 90,853 | 28,895 | 10,846    | 1,494      | 1,494    | 133,582   | 0     | 133,582 | 0          | 0                    | 23,189                 | 0 110,393                 | 3 (                        | ) (      | ) 0      | 0      | 0      | 133,582            |
| 0       6       WATERMAIN STRUCTURAL LINING       CW       S2       03       52,318       14,629       15       2       0       66,964       0       0       0       66,964       0       0       0       0       66,964       0       0       0       0       66,964       0   | WATS | 906932 | DIST W/M REHABILITATION            |       |            |      |        |        |           |            |          |           |       |         |            |                      |                        |                           |                            |          |          |        |        |                    |
| 0       7       CATHODIC PROTECTION       CW       S2       03       5,298       450       0       05,748       0       0       05,748       0       0       05,748       0       0       05,748       0       0       05,748       0       0       0       05,748       0 </td <td>0</td> <td>4</td> <td>HYDRANT &amp; VALVE REPAIR</td> <td>CW</td> <td>S2</td> <td>03</td> <td>2,193</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,193</td> <td>0</td> <td>2,193</td> <td>С</td> <td>0 0</td> <td>0</td> <td>0 2,193</td> <td>3 (</td> <td>) (</td> <td>) 0</td> <td>0</td> <td>0</td> <td>2,193</td>   | 0    | 4      | HYDRANT & VALVE REPAIR             | CW    | S2         | 03   | 2,193  | 0      | 0         | 0          | 0        | 2,193     | 0     | 2,193   | С          | 0 0                  | 0                      | 0 2,193                   | 3 (                        | ) (      | ) 0      | 0      | 0      | 2,193              |
| 0 30 CUT REPAIR CW S2 03 2,933 0 0 0 0 2,933 0 2,933 0 0 0 0 2,933 0 0 0 0 2,933 0 0 0 0 0 2,933 0 0 0 0 0 0 2,933 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 0    | 6      | WATERMAIN STRUCTURAL LINING        | CW    | S2         | 03   | 52,318 | 14,629 | 15        | 2          | 0        | 66,964    | 0     | 66,964  | с          | 0 0                  | 0                      | 0 66,964                  | L (                        | ) (      | ) 0      | 0      | 0      | 66,964             |
|   | 0    | 7      | CATHODIC PROTECTION                | CW    | S2         | 03   | 5,298  | 450    | 0         | 0          | 0        | 5,748     | 0     | 5,748   | С          | 0 0                  | 0                      | 0 5,748                   | 3 (                        | ) (      | ) 0      | 0      | 0      | 5,748              |
| 0 50 HYDRANT & VALVE REPAIR-2017 SC CW S3 03 127 0 0 0 0 127 0 127 0 127 0 0 0 0 127 0 0 0 0 0 0  | 0    | 30     | CUT REPAIR                         | CW    | S2         | 03   | 2,933  | 0      | 0         | 0          | 0        | 2,933     | 0     | 2,933   | с          | 0 0                  | 0                      | 0 2,933                   | 3 (                        | ) (      | ) 0      | 0      | 0      | 2,933              |
|   | 0    | 50     | HYDRANT & VALVE REPAIR-2017 SC     | CW    | S3         | 03   | 127    | 0      | 0         | 0          | 0        | 127       | 0     | 127     | c          | 0 0                  | 0                      | 0 127                     | 7 (                        | ) (      | ) 0      | 0      | 0      | 127                |

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| <u>WAT90</u><br>0       | itySub | ect No. Project Name                               |      |       |      |        | Curre  | ent and Fu | ture Year | Cash Flov | v Commitn          | nents              |                    |                                       | Cur                | rent and F             | uture Year | Cash Flo         | w Comm                     | itments | Financed | Ву  |                   |                    |
|-------------------------|--------|--|------|-------|------|--------|--------|------------|-----------|-----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|----------|-----|-------------------|--------------------|
| Priorit<br>WAT90<br>0 t | itySub | ect No. Proiect Name                               |      |       |      |        |        |            |           |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                   |                    |
| 0 5                     |        |  | Ward | Stat. | Cat. | 2017   | 2018   | 2019       | 2020      | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Rec | ebt -<br>overable | Total<br>Financing |
|                         | 06932  | DIST W/M REHABILITATION                            |      |       |      |        |        |            |           |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                   |                    |
|                         | 51     | CUT REPAIR-2017 SC                                 | CW   | S3    | 03   | 367    | 3,300  | 0          | 0         | 0         | 3,667              | 0                  | 3,667              | 0                                     | 0                  | 0                      | 0          | 3,667            | 0                          | (       | 0 0      | 0   | C                 | 3,667              |
| 0 5                     |        | WATERMAIN STRUCTURAL LINING-2017 SC                | CW   | S3    | 03   | 15,726 | 52,899 | 24,575     | 9,575     | 4,575     | 107,350            | 507                | 107,857            | 0                                     | 0                  | 0                      | 0          | 96,580           | 0                          | (       | 0 11,277 | 0   | C                 | 107,857            |
| 0 5                     | 54     | CATHODIC PROTECTION- 2017 SC                       | CW   | S3    | 03   | -1,198 | 888    | 0          | 0         | 0         | -310               | 0                  | -310               | о                                     | 0                  | 0                      | 0          | -310             | 0                          | (       | 0 0      | 0   | C                 | -310               |
|                         |        | Sub-total  |      |       | Γ    | 77,764 | 72,166 | 24,590     | 9,577     | 4,575     | 188,672            | 507                | 189,179            | 0                                     | 0                  | 0                      | 0          | 177,902          | 0                          | (       | ) 11,277 | 0   | (                 | 189,179            |
| <u>WAT90</u>            | 06934  | DIST WATER SERVICE REPAIR                          |      |       | -    |        |        |            |           |           |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                   | <u> </u>           |
| 0 1                     |        | WATER SERVICE REPAIR - LEAD<br>PROGRAM             | CW   | S2    | 02   | 18,219 | 5,000  | 0          | 0         | 0         | 23,219             | 0                  | 23,219             | 0                                     | 0                  | 0                      | 0          | 23,219           | 0                          | (       | 0 0      | 0   | C                 | 23,219             |
| 0 1                     | 19     | 2010 WSR   | CW   | S2    | 02   | 5      | 0      | 0          | 0         | 0         | 5                  | 0                  | 5                  | 0                                     | 0                  | 0                      | 0          | 5                | 0                          | (       | 0 0      | 0   | C                 | 5                  |
| 0 3                     | 32     | WSR CUT REPAIR                                     | CW   | S2    | 03   | 1,750  | 0      | 0          | 0         | 0         | 1,750              | 0                  | 1,750              | 0                                     | 0                  | 0                      | 0          | 1,750            | 0                          | (       | 0 0      | 0   | C                 | 1,750              |
| 0 3                     | 39     | 2012 WATER SERVICE REPLC - SOGR                    | CW   | S2    | 02   | 35     | 0      | 0          | 0         | 0         | 35                 | 0                  | 35                 | o                                     | 0                  | 0                      | 0          | 35               | 0                          | (       | 0 0      | 0   | C                 | 35                 |
| 0 4                     | 41     | 2013 WSR   | CW   | S2    | 02   | 11     | 0      | 0          | 0         | 0         | 11                 | 0                  | 11                 | 0                                     | 0                  | 0                      | 0          | 11               | 0                          | (       | 0 0      | 0   | C                 | 11                 |
| 0 5                     |        | 2014 WATER SERVICE REPLACEMENT - SOGR              | CW   | S2    | 02   | 11     | 0      | 0          | 0         | 0         | 11                 | 0                  | 11                 | o                                     | 0                  | 0                      | 0          | 11               | 0                          | (       | 0 0      | 0   | C                 | 11                 |
| 0 5                     | 59     | 2015 WATER SERVICE REPLACEMENT - SOGR              | CW   | S2    | 02   | 2,277  | 736    | 2          | 0         | 0         | 3,015              | 0                  | 3,015              | 0                                     | 0                  | 0                      | 0          | 3,015            | 0                          | (       | 0 0      | 0   | C                 | 3,015              |
| 06                      |        | 2016 WATER SERVICE REPLACEMENT -<br>SOGR           | CW   | S2    | 02   | 12,062 | 5,000  | 0          | 0         | 0         | 17,062             | 0                  | 17,062             | 0                                     | 0                  | 0                      | 0          | 17,062           | 0                          | (       | 0 0      | 0   | C                 | 17,062             |
| 0 7                     |        | WATER SERVICE REPAIR - WM REHAB<br>PROGRAM         | CW   | S2    | 02   | 7,449  | 0      | 0          | 0         | 0         | 7,449              | 0                  | 7,449              | 0                                     | 0                  | 0                      | 0          | 7,449            | 0                          | (       | 0 0      | 0   | C                 | 7,449              |
| 0 7                     | 74     | REPLACEMENT OF FROZEN SERVICES                     | CW   | S4    | 02   | 1,000  | 1,000  | 1,000      | 0         | 0         | 3,000              | 0                  | 3,000              | 0                                     | 0                  | 0                      | 0          | 3,000            | 0                          | (       | 0 0      | 0   | C                 | 3,000              |
| 0 7                     | 75     | WSR CUT REPAIRS WITH WM SL                         | CW   | S2    | 02   | 1,750  | 0      | 0          | 0         | 0         | 1,750              | 0                  | 1,750              | o                                     | 0                  | 0                      | 0          | 1,750            | 0                          | (       | 0 0      | 0   | C                 | 1,750              |
| 0 7                     | 78     | 2011 WSR   | CW   | S2    | 02   | 14     | 0      | 0          | 0         | 0         | 14                 | 0                  | 14                 | 0                                     | 0                  | 0                      | 0          | 14               | 0                          | (       | 0 0      | 0   | C                 | 14                 |
| 08                      |        | WATER SERVICE REPAIR - LEAD<br>PROGRAM-2017 SC     | CW   | S3    | 02   | -6,716 | 3,356  | 4,450      | 200       | 0         | 1,290              | 0                  | 1,290              | 0                                     | 0                  | 0                      | 0          | 1,290            | 0                          | (       | 0 0      | 0   | C                 | 1,290              |
| 0 8                     | 81     | WSR CUT REPAIR-2017 SC                             | CW   | S3    | 03   | -250   | 1,500  | 0          | 0         | 0         | 1,250              | 0                  | 1,250              | 0                                     | 0                  | 0                      | 0          | 1,250            | 0                          | (       | 0 0      | 0   | C                 | 1,250              |
| 0 8                     |        | WATER SERVICE REPAIR - WM REHAB<br>PROGRAM-2017 SC | CW   | S3    | 02   | 1,723  | 7,500  | 7,000      | 2,000     | 0         | 18,223             | 0                  | 18,223             | 0                                     | 0                  | 0                      | 0          | 18,223           | 0                          | (       | 0 0      | 0   | C                 | 18,223             |
| 08                      |        | WSR CUT REPAIRS WITH WM SL-2017<br>SC              | CW   | S3    | 02   | -250   | 1,500  | 0          | 0         | 0         | 1,250              | 0                  | 1,250              | 0                                     | 0                  | 0                      | 0          | 1,250            | 0                          | (       | 0 0      | 0   | C                 | 1,250              |
| 0 8                     |        | 2017 WATER SERVICE REPLACEMENT -<br>SOGR           | CW   | S4    | 02   | 10,000 | 7,000  | 3,000      | 0         | 0         | 20,000             | 0                  | 20,000             | 0                                     | 0                  | 0                      | 0          | 20,000           | 0                          | (       | 0 0      | 0   | C                 | 20,000             |
| 0 8                     | 86     | 2010 WSR- 2017 SC                                  | CW   | S3    | 02   | 0      | 215    | 0          | 0         | 0         | 215                | 0                  | 215                | 0                                     | 0                  | 0                      | 0          | 215              | 0                          | (       | 0 0      | 0   | C                 | 215                |
| 0 8                     | 87     | 2011 WSR- 2017 SC                                  | CW   | S3    | 02   | 1      | 0      | 0          | 0         | 0         | 1                  | 0                  | 1                  | 0                                     | 0                  | 0                      | 0          | 1                | 0                          | (       | 0 0      | 0   | C                 | 1                  |

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                    |        | - g. a   |      |       | ,    |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |      |                    |                    |
|--------------------|--------|--|------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|---------|------|--------------------|--------------------|
|                    |        |  |      |       |      |        | Curre  | ent and Fu | iture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year | Cash Flo         | w Comm                     | itments | Finance | d By |                    |                    |
| <u>Sut</u><br>Pric |        | <u>ject No. Project Name</u><br>pProj No. Sub-project Name | Ward | Stat  | Cat  | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidv | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2  | Rec  | 0ebt -<br>overable | Total<br>Financing |
|                    |        | DIST WATER SERVICE REPAIR                                  | mara | otati | out. |        |        |            |            |          | 2011 2021          |                    | 2011 2020          | Subsidies                             |                    |                        |            |                  |                            |         |         |      |                    | - manoing          |
| 0                  | 88     | 2013 WSR- 2017 SC  | CW   | S3    | 02   | 0      | 100    | 0          | 0          | 0        | 100                | 0                  | 100                | 0                                     | C                  | 0 0                    | 0          | 100              | 0                          |         | 0 (     | ) 0  | 0                  | 100                |
| 0                  | 89     | 2014 WATER SERVICE REPLACEMENT -<br>SOGR- 2017 SC          | CW   | S3    | 02   | 0      | 266    | 0          | 0          | 0        | 266                | 0                  | 266                | 0                                     | C                  | 0 0                    | 0          | 266              | 0                          |         | 0 0     | ) 0  | 0                  | 266                |
| 0                  | 90     | 2015 WATER SERVICE REPLACEMENT -<br>SOGR- 2017 SC          | CW   | S3    | 02   | -712   | 26     | -2         | 0          | 0        | -688               | 0                  | -688               | 0                                     | C                  | 0 0                    | 0          | -688             | 0                          |         | 0 (     | ) 0  | 0                  | -688               |
| 0                  | 91     | 2016 WATER SERVICE REPLACEMENT -<br>SOGR- 2017 SC          | CW   | S3    | 02   | -8,622 | 2,611  | 0          | 0          | 0        | -6,011             | 0                  | -6,011             | 0                                     | C                  | 0                      | 0          | -6,011           | 0                          |         | 0 (     | ) 0  | 0                  | -6,011             |
|                    |        | Sub-total  |      |       |      | 39,757 | 35,810 | 15,450     | 2,200      | 0        | 93,217             | 0                  | 93,217             | 0                                     | C                  | 0 0                    | 0          | 93,217           | 0                          |         | 0 0     | 0 0  | 0                  | 93,217             |
| WAT                | 906935 | NEW SERVICE CONNECTIONS                                    |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |      |                    |                    |
| 0                  | 2      | NEW SERVICE CONNECTIONS - CUT<br>REPAIRS                   | CW   | S2    | 05   | 5,000  | 0      | 0          | 0          | 0        | 5,000              | 0                  | 5,000              | 0                                     | C                  | 0 0                    | 0          | 5,000            | 0                          |         | 0 0     | ) 0  | 0                  | 5,000              |
| 0                  | 7      | NEW SERVICE CONNECTIONS - SITE SERVICING                   | CW   | S2    | 05   | 22,000 | 7,500  | 0          | 0          | 0        | 29,500             | 0                  | 29,500             | 0                                     | C                  | 0 0                    | 0          | 29,500           | 0                          |         | 0 (     | ) 0  | 0                  | 29,500             |
| 0                  | 22     | NEW SERVICE CONNECTIONS - SITE<br>SERVICING-2017 SC        | CW   | S3    | 05   | 8,000  | 22,500 | 0          | 0          | 0        | 30,500             | 0                  | 30,500             | 0                                     | C                  | 0 0                    | 0          | 30,500           | 0                          |         | 0 (     | ) 0  | 0                  | 30,500             |
| 0                  | 23     | NEW SERVICE CONNECTIONS - CUT<br>REPAIRS-2017 SC           | CW   | S3    | 05   | 0      | 5,200  | 0          | 0          | 0        | 5,200              | 0                  | 5,200              | 0                                     | C                  | 0 0                    | 0          | 5,200            | 0                          |         | 0 (     | ) 0  | 0                  | 5,200              |
|                    |        | Sub-total  |      |       |      | 35,000 | 35,200 | 0          | 0          | 0        | 70,200             | 0                  | 70,200             | 0                                     | C                  | 0 0                    | 0          | 70,200           | 0                          |         | 0 0     | 0 0  | 0                  | 70,200             |
| WAT                | 906951 | ENGINEERING  |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |      |                    |                    |
| 0                  | 2      | CONSULTING FEES  | CW   | S2    | 03   | 11,563 | 11,457 | 7,307      | 6,554      | 2,313    | 39,194             | 0                  | 39,194             | о                                     | C                  | 0 0                    | 0          | 39,194           | 0                          |         | 0 (     | ) 0  | 0                  | 39,194             |
| 0                  | 63     | ROAD RESTORATION   | CW   | S2    | 03   | 6,005  | 0      | 0          | 0          | 0        | 6,005              | 0                  | 6,005              | o                                     | C                  | 0 0                    | 0          | 6,005            | 0                          |         | 0 (     | ) 0  | 0                  | 6,005              |
| 0                  | 69     | LEGAL SERVICES SALARIES                                    | CW   | S3    | 03   | 205    | 0      | 0          | 0          | 0        | 205                | 0                  | 205                | 0                                     | C                  | 0 0                    | 0          | 205              | 0                          |         | 0 (     | ) 0  | 0                  | 205                |
| 0                  | 70     | ECS SALARIES   | CW   | S3    | 03   | 13,458 | 0      | 0          | 0          | 0        | 13,458             | 0                  | 13,458             | 0                                     | C                  | 0 0                    | 0          | 13,458           | 0                          |         | 0 (     | ) 0  | 0                  | 13,458             |
| 0                  | 71     | PPFA SALARIES  | CW   | S3    | 03   | 2,292  | 0      | 0          | 0          | 0        | 2,292              | 0                  | 2,292              | 0                                     | C                  | 0 0                    | 0          | 2,292            | 0                          |         | 0 (     | ) 0  | 0                  | 2,292              |
| 0                  | 72     | ROAD RESTORATION- 2017 SC                                  | CW   | S3    | 03   | -4,005 | 2,000  | 0          | 0          | 0        | -2,005             | 0                  | -2,005             | 0                                     | C                  | 0 0                    | 0          | -2,005           | 0                          |         | 0 (     | ) 0  | 0                  | -2,005             |
| 0                  | 73     | CONSULTING FEES- 2017 SC                                   | CW   | S3    | 03   | 1,182  | 678    | 3,045      | 148        | 1,448    | 6,501              | 6,861              | 13,362             | 0                                     | C                  | 0 0                    | 0          | 13,362           | 0                          |         | 0 (     | ) 0  | 0                  | 13,362             |
| 0                  | 74     | PMMD SALARIES  | CW   | S4    | 03   | 263    | 0      | 0          | 0          | 0        | 263                | 0                  | 263                | 0                                     |                    | 0 0                    | 0          | 263              | 0                          |         | 0 (     | ) 0  | 0                  | 263                |
|                    |        | Sub-total  |      |       |      | 30,963 | 14,135 | 10,352     | 6,702      | 3,761    | 65,913             | 6,861              | 72,774             | 0                                     | C                  | 0                      | 0          | 72,774           | 0                          |         | 0 0     | 0 0  | 0                  | 72,774             |
| WAT                | 906977 | ISLAND W.T.P. R&R  |      |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |         |      |                    |                    |
| 0                  | 1      | FACILITY & PROCESS UPGRADES                                | CW   | S2    | 03   | 1,482  | 375    | 0          | 0          | 0        | 1,857              | 0                  | 1,857              | 0                                     | C                  | 0 0                    | 0          | 1,857            | 0                          |         | 0 (     | ) 0  | 0                  | 1,857              |
| 0                  | 12     | FACILITY UPGRADE - FORMER MARINE<br>YARD                   | CW   | S2    | 03   | 2,320  | 0      | 0          | 0          | 0        | 2,320              | 0                  | 2,320              | 0                                     | C                  | 0 0                    | 0          | 2,320            | 0                          |         | 0 (     | ) 0  | 0                  | 2,320              |
| 0                  | 25     | ISLAND FILTER AIR SCOUR SYSTEM                             | CW   | S2    | 04   | 5      | 0      | 0          | 0          | 0        | 5                  | 0                  | 5                  | o                                     | C                  | 0 0                    | 0          | 5                | 0                          |         | 0 (     | ) 0  | 0                  | 5                  |

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                 |         | - 9   |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |          |          |     |                           |                      |
|-----------------|---------|---|-------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|---------------|------------------|----------------------------|----------|----------|-----|---------------------------|----------------------|
|                 |         |   |       |       |      |        | Curr   | ent and Fu | uture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cu                 | rrent and F            | uture Year C  | Cash Flov        | w Comm                     | nitments | Financed | ΙВу |                           |                      |
| <u>Su</u><br>Pr |         | oject No. <u>Project Name</u><br>oProj No. Sub-project Name | Ward  | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | R<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1  | Other2   |     | Debt -<br>Recoverabl<br>t | le Total<br>Financir |
| WA              | T906977 | ISLAND W.T.P. R&R   |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |          |          |     |                           |                      |
| 0               | 32      | TRAVELLING SCREEN REPLACEMENT                               | CW    | S2    | 03   | 1,266  | 2,430  | 550        | 10         | 0        | 4,256              | 0                  | 4,256              | C                                     | ) 0                | 0                      | 0             | 4,256            | C                          | ) (      | ) (      | I   | 0                         | 0 4,25               |
| 0               | 50      | AMMONIA AND FLUORIDE SYSTEM<br>UPGRADES                     | CW    | S2    | 03   | 2,738  | 3,440  | 12         | 0          | 0        | 6,190              | 0                  | 6,190              | c                                     | ) 0                | 0                      | 0             | 6,190            | C                          | ) (      | D C      | I   | 0                         | 0 6,19               |
| 0               | 51      | CHEMICAL SYSTEMS' ELECTRICAL FEE                            | ED CW | S2    | 03   | 26     | 0      | 0          | 0          | 0        | 26                 | 0                  | 26                 | C                                     | ) 0                | 0                      | 0             | 26               | C                          | ) (      | ) C      | I   | 0                         | 0 2                  |
| 0               | 69      | Generators` DR3 Program                                     | CW    | S2    | 04   | 695    | 650    | 0          | 0          | 0        | 1,345              | 0                  | 1,345              | C                                     | ) 0                | 0                      | 0             | 1,345            | C                          | ) (      | ) (      | I   | 0                         | 0 1,34               |
| 0               | 70      | PLANTWIDE HVAC UPGRADES                                     | CW    | S2    | 04   | 1,151  | 1,141  | 0          | 0          | 0        | 2,292              | 0                  | 2,292              | C                                     | ) 0                | 0                      | 0             | 2,292            | C                          | ) (      | D C      | I   | 0                         | 0 2,29               |
| 0               | 83      | RAW WATER INTAKE CLEANING                                   | CW    | S2    | 03   | 1,090  | 0      | 0          | 0          | 0        | 1,090              | 0                  | 1,090              | C                                     | ) 0                | 0                      | 0             | 1,090            | C                          | ) (      | D C      | I   | 0                         | 0 1,09               |
| 0               | 89      | FACILITY & PROCESS UPGRADES-2017<br>SC                      | CW    | S3    | 03   | -865   | 0      | 0          | 0          | 0        | -865               | 0                  | -865               | C                                     | ) 0                | 0                      | 0             | -865             | C                          | ) (      | D C      | I   | 0                         | 0 -86                |
| 0               | 90      | FACILITY UPGRADE - FORMER MARINE<br>YARD-2017 SC            | CW    | S3    | 03   | -1,370 | 3,100  | 750        | 0          | 0        | 2,480              | 0                  | 2,480              | C                                     | ) 0                | 0                      | 0             | 2,480            | C                          | ) (      | D C      | I   | 0                         | 0 2,48               |
| 0               | 91      | TRAVELLING SCREEN<br>REPLACEMENT-2017 SC                    | CW    | S3    | 03   | 370    | -2,330 | 150        | 2,740      | 0        | 930                | 0                  | 930                | C                                     | ) 0                | 0                      | 0             | 930              | C                          | ) (      | ) C      | I   | 0                         | 0 93                 |
| 0               | 92      | Generators` DR3 Program-2017 SC                             | CW    | S3    | 04   | -695   | -570   | 695        | 650        | 0        | 80                 | 0                  | 80                 | C                                     | ) 0                | 0                      | 0             | 80               | C                          | ) (      | D C      | I   | 0                         | 0 8                  |
| 0               | 93      | RAW WATER INTAKE CLEANING-2017 S                            | C CW  | S3    | 03   | -940   | 1,100  | 0          | 0          | 0        | 160                | 0                  | 160                | C                                     | ) 0                | 0                      | 0             | 160              | C                          | ) (      | ) C      | I   | 0                         | 0 16                 |
| 0               | 95      | ISLAND FILTER AIR SCOUR SYSTEM-<br>2017 SC                  | CW    | S3    | 04   | 0      | 56     | 0          | 0          | 0        | 56                 | 0                  | 56                 | C                                     | ) 0                | 3                      | 0             | 53               | C                          | ) (      | ) C      | I   | 0                         | 0 5                  |
| 0               | 96      | ISLAND ENWAVE/RETROFIT PROJECT-<br>2017 SC                  | CW    | S3    | 04   | 4      | 0      | 0          | 0          | 0        | 4                  | 0                  | 4                  | C                                     | ) 0                | 0                      | 0             | 4                | C                          | ) (      | ) C      | I   | 0                         | o                    |
| 0               | 97      | AMMONIA AND FLUORIDE SYSTEM<br>UPGRADES- 2017 SC            | CW    | S3    | 03   | -2,459 | 119    | 2,467      | 7          | 0        | 134                | 0                  | 134                | C                                     | ) 0                | 0                      | 0             | 134              | C                          | ) (      | ) C      | I   | 0                         | 0 13                 |
| 0               | 98      | CHEMICAL SYSTEMS' ELEC FEED<br>DISTRIBUTION- 2017 SC        | CW    | S3    | 03   | 4      | 40     | 0          | 0          | 0        | 44                 | 0                  | 44                 | C                                     | ) 0                | 0                      | 0             | 44               | C                          | ) (      | D C      | I   | 0                         | 0 4                  |
| 0               | 99      | PLANTWIDE HVAC UPGRADES- 2017 SC                            | c cw  | S3    | 04   | -525   | 49     | 527        | 15         | 0        | 66                 | 0                  | 66                 | C                                     | ) 0                | 0                      | 0             | 66               | C                          | ) (      | D C      | I   | 0                         | 0 6                  |
|                 |         | Sub-total   |       |       |      | 4,297  | 9,600  | 5,151      | 3,422      | 0        | 22,470             | 0                  | 22,470             | C                                     | 0                  | 3                      | 0             | 22,467           | (                          | ) (      | ) (      | )   | 0                         | 0 22,47              |
| WA              | T907353 | LAWRENCE ALLAN REVITALIZATION PL                            | AN    |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |          |          |     |                           |                      |
| 0               | 1       | LAWRENCE ALLAN REVITALIZATION<br>PLAN - INTERNAL            | CW    | S2    | 05   | 6,613  | 13,272 | 5,506      | 0          | 0        | 25,391             | 0                  | 25,391             | C                                     | ) 0                | 25,391                 | 0             | 0                | C                          | ) (      | ) C      | I   | 0                         | 0 25,39              |
| 0               | 2       | LAWRENCE ALLAN REVITALIZATION<br>PLAN - EXTERNAL            | CW    | S2    | 05   | 4,592  | 0      | 0          | 0          | 0        | 4,592              | 0                  | 4,592              | c                                     | ) 0                | 4,592                  | 0             | 0                | C                          | ) (      | ) C      | I   | 0                         | 0 4,59               |
| 0               | 9       | LAWRENCE ALLAN REVITALIZATION<br>PLAN INTERNAL 2017SC       | CW    | S3    | 05   | -3,613 | -5,272 | 1,731      | 7,237      | 0        | 83                 | 0                  | 83                 | c                                     | ) 0                | 83                     | 0             | 0                | C                          | ) (      | ) C      | I   | 0                         | 0 8                  |
| 0               | 10      | LAWRENCE ALLAN REVITALIZATION<br>PLAN EXTERNAL 2017SC       | CW    | S3    | 05   | -4,092 | 3,842  | 3,842      | 0          | 0        | 3,592              | 0                  | 3,592              | C                                     | ) 0                | 3,592                  | 0             | 0                | C                          | ) (      | ) C      | I   | 0                         | 0 3,59               |
|                 |         | Sub-total   |       |       |      | 3,500  | 11,842 | 11,079     | 7,237      | 0        | 33,658             | 0                  | 33,658             | 0                                     | 0                  | 33,658                 | 0             | 0                | C                          | ) (      | ) (      | )   | 0                         | 0 33,65              |
| WA              | T907558 | REGENT PARK CAPITAL CONTRIBUTIO                             | N     |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |          |          |     |                           | 1                    |
|                 |         |   |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |               |                  |                            |          |          |     |                           |                      |

## CITY OF TORONTO

### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                      |              |  |          |        |        |        | Curr   | ent and Fu | uture Year | Cash Flo | w Commitn | nents              |                    |                                       | Cur                  | rent and F             | uture Year C  | Cash Flo         | w Comm                     | itments | Finance | d By |                     |       |         |
|----------------------|--------------|--|----------|--------|--------|--------|--------|------------|------------|----------|-----------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|---------------|------------------|----------------------------|---------|---------|------|---------------------|-------|---------|
| <u>Sub-</u><br>Prior |              | i <u>ect No. Project Name</u><br>Proj No. Sub-project Name | War      | d Stat | Cat    | 2017   | 2018   | 2019       | 2020       | 2021     | Total     | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidv | Development<br>Charges | R<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2  |      | Debt -<br>Recoverab | 1 100 | otal    |
|                      |              | REGENT PARK CAPITAL CONTRIBUTI                             |          |        | . oui. | 2011   | 2010   | 2010       | 2020       | 2021     | 2011 2021 |                    | 2011 2020          | Subsidies                             | Cabolay              |                        |               |                  |                            | 04101 1 |         |      | <u> </u>            |       | Tioning |
|                      | 1            | REGENT PARK CAPITAL CONTRIBUTI<br>PHASE 2                  |          | V S2   | 05     | 596    | 1,391  | 812        | 44         | 71       | 2,914     | 40                 | 2,954              | 0                                     | 0                    | 2,954                  | 0             | 0                | 0                          | ) (     | ) (     | 0    | 0                   | 0 2   | 2,954   |
| 0                    |              | REGENT PARK CAPITAL CONTRIBUTI<br>PHASE 2- 2017 SC         | ION CV   | V S3   | 05     | -596   | -1,391 | -812       | -44        | -71      | -2,914    | -40                | -2,954             | 0                                     | 0                    | -2,954                 | 0             | 0                | 0                          | ) (     | ) (     | 0    | 0                   | 0 -2, | 2,954   |
| 0                    |              | REGENT PARK CAPITAL CONTRIBUTI<br>PHASE 3 - 5              | ION - CV | V S4   | 05     | 812    | 1,909  | 864        | 1,398      | 812      | 5,795     | 146                | 5,941              | 0                                     | 0                    | 5,941                  | 0             | 0                | 0                          | ) (     | ) (     | 0    | 0                   | 0 5,  | 5,941   |
|                      |              | Sub-total  |          |        |        | 812    | 1,909  | 864        | 1,398      | 812      | 5,795     | 146                | 5,941              | 0                                     | 0                    | 5,941                  | 0             | 0                | 0                          | ) (     | )       | 0    | 0                   | 0 5,  | 5,941   |
| WAT9                 | 07946        | BUSINESS IT PROJECTS                                       |          |        |        |        |        |            |            |          |           |                    |                    |                                       |                      |                        |               |                  |                            |         |         |      |                     | -     |         |
| 0                    |              | ENTERPRISE WORK MANAGEMENT<br>SYSTEM PROJECT               | CV       | V S2   | 04     | 2,409  | 1,422  | 1,273      | 1,000      | 500      | 6,604     | 0                  | 6,604              | 0                                     | 0                    | 0                      | 0             | 6,604            | 0                          | ) (     | ) (     | 0    | 0                   | 0 6   | 6,604   |
| 0                    |              | ENTERPRISE WORK MANAGEMENT<br>SYSTEM PROJECT- 2017 SC      | CV       | V S3   | 04     | -1,679 | 158    | 2          | 325        | 500      | -694      | 750                | 56                 | 0                                     | 0                    | 0                      | 0             | 56               | 0                          | ) (     | ) (     | 0    | 0                   | 0     | 56      |
|                      |              | Sub-total  |          |        |        | 730    | 1,580  | 1,275      | 1,325      | 1,000    | 5,910     | 750                | 6,660              | 0                                     | 0                    | 0                      | 0             | 6,660            | 0                          | ) (     | )       | 0    | 0                   | 0 6,  | 6,660   |
| WAT9                 | 08087        | TRUNK WATERMAIN  |          |        |        |        |        |            |            |          |           |                    |                    |                                       |                      |                        |               |                  |                            |         |         |      |                     |       |         |
| 0                    | 1            | TRANSMISSION SYSTEM AUTOMATIC                              | ON CV    | V S2   | 04     | 2,456  | 10     | 0          | 0          | 0        | 2,466     | 0                  | 2,466              | 0                                     | 0                    | 0                      | 0             | 2,466            | 0                          | ) (     | ) (     | 0    | 0                   | 0 2   | 2,466   |
| 0                    | 4            | JOS - REVENUE METER REPLACEME                              | NT CV    | V S2   | 03     | 3,545  | 2,950  | 0          | 0          | 0        | 6,495     | 0                  | 6,495              | 0                                     | 0                    | 0                      | 0             | 3,247            | 0                          | ) (     | 0 3,248 | 8    | 0                   | 0 6,  | 6,495   |
| 0                    | 6            | 3RD PARTY RELOCATIONS (METROL                              | INX) CV  | V S2   | 04     | 350    | 250    | 250        | 200        | 200      | 1,250     | 0                  | 1,250              | 0                                     | 0                    | 0                      | 0             | 1,250            | 0                          | ) (     | 0 (     | 0    | 0                   | 0 1,  | 1,250   |
| 0                    |              | TRANSMISSION SYSTEM AUTOMATIC<br>2017 SC                   | ON- CV   | V S3   | 04     | -2,204 | 606    | 1,857      | 1,650      | 41       | 1,950     | 92                 | 2,042              | 0                                     | 0                    | 0                      | 0             | 2,042            | 0                          | ) (     | ) (     | 0    | 0                   | 0 2   | 2,042   |
| 0                    |              | 3RD PARTY RELOCATIONS<br>(METROLINX)- 2017 SC              | CV       | V S3   | 04     | -300   | 0      | 0          | 0          | 0        | -300      | 0                  | -300               | 0                                     | 0                    | 0                      | 0             | -300             | 0                          | ) (     | ) (     | 0    | 0                   | 0 -   | -300    |
| 0                    |              | JOS - REVENUE METER REPLACEME<br>2017 SC                   | NT- CV   | V S3   | 03     | -1,045 | 550    | 1,000      | 0          | 0        | 505       | 0                  | 505                | 0                                     | 0                    | 0                      | 0             | 253              | 0                          | ) (     | 0 252   | 2    | 0                   | 0     | 505     |
|                      |              | Sub-total  |          |        |        | 2,802  | 4,366  | 3,107      | 1,850      | 241      | 12,366    | 92                 | 12,458             | 0                                     | 0                    | 0                      | 0             | 8,958            | 0                          | ) (     | 3,50    | 0    | 0                   | 0 12, | 2,458   |
| WAT9                 | <u>08248</u> | WT&S PLANTWIDE   |          |        |        |        |        |            |            |          |           |                    |                    |                                       |                      |                        |               |                  |                            |         |         |      |                     |       |         |
| 0                    |              | UV DISINFECTION - CONCEPTUAL<br>DESIGN                     | CV       | V S2   | 04     | 500    | 0      | 0          | 0          | 0        | 500       | 0                  | 500                | 0                                     | 0                    | 0                      | 0             | 500              | 0                          | ) (     | ) (     | 0    | 0                   | 0     | 500     |
| 0                    | 4            | ZEBRA MUSSEL CONTROL - ENG                                 | CV       | V S4   | 04     | 650    | 404    | 474        | 666        | 130      | 2,324     | 48                 | 2,372              | 0                                     | 0                    | 0                      | 0             | 2,372            | 0                          | ) (     | ) (     | 0    | 0                   | 0 2   | 2,372   |
| 0                    | 6            | STANDBY POWER - PHASE 2 - ENG                              | CV       | V \$2  | 04     | 690    | 600    | 1,200      | 1,400      | 800      | 4,690     | 1,600              | 6,290              | 0                                     | 0                    | 377                    | 0             | 4,026            | 0                          | ) (     | 0 1,887 | 7    | 0                   | 0 6,  | 6,290   |
| 0                    |              | UV DISINFECTION - CONCEPTUAL<br>DESIGN- 2017 SC            | CV       | V S3   | 04     | -500   | 0      | 0          | 0          | 0        | -500      | 0                  | -500               | 0                                     | 0                    | 0                      | 0             | -500             | 0                          | ) (     | 0 (     | 0    | 0                   | 0     | -500    |
| 0                    |              | STANDBY POWER - PHASE 2 - ENG- 2<br>SC                     | 2017 CV  | V S3   | 04     | -140   | 425    | -475       | -550       | -375     | -1,115    | 1,025              | -90                | 0                                     | 0                    | -3                     | 0             | -62              | 0                          | ) (     | 0 -25   | 5    | 0                   | 0     | -90     |
|                      |              | UV DISINFECTION - ISLAND WTP -                             |          | V S4   | 04     | 250    | 1,250  | 500        | 1,350      | 1,290    | 4,640     | 780                | 5,420              | 0                                     | 0                    | 0                      | 0             | 5,420            | 0                          | ) (     |         | 0    | 0                   | 0 5   | 5,420   |

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|   |         | Curr    | ent and Fu | iture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cu                 | rrent and F            | uture Yea | r Cash Flo       | ow Comm                    | itments | Financed | Ву                            |                    |
|---|---------|---------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|-----------|------------------|----------------------------|---------|----------|-------------------------------|--------------------|
| Sub-Project No.Project NamePrioritySubProj No.Sub-project NameWard Stat. Cat. | 2017    | 2018    | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves  | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Debt -<br>Recoverable<br>Debt | Total<br>Financing |
| WAT908248 WT&S PLANTWIDE  |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |           |                  |                            |         |          |                               |                    |
| 0 12 SCRUBBER AND TONNER CONNECTION CW S4 04<br>IMPROVEMENTS AT WTP           | 200     | 915     | 730        | 105        | 5        | 1,955              | 0                  | 1,955              | C                                     | ) C                | ) 117                  | 0         | 1,250            | 0                          |         | ) 588    | 0 0                           | 1,955              |
| Sub-total   | 1,650   | 3,594   | 2,429      | 2,971      | 1,850    | 12,494             | 3,453              | 15,947             | 0                                     | C                  | ) 491                  | 0         | 13,006           | 0                          |         | 2,450    | 0 0                           | 15,947             |
| Total Program Expenditure   | 392,232 | 351,011 | 175,810    | 90,900     | 36,294   | 1,046,247          | 28,101             | 1,074,348          | C                                     | C                  | 95,040                 | 0         | 940,039          | 0                          |         | 39,269   | 0 0                           | 1,074,348          |

Report Phase 2 - Program 10 Water Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## **CITY OF TORONTO**

#### Gross Expenditures (\$000's)

## Appendix 4: 2017 Cash Flow and Future Year Commitments

## Water Program

| c       | Current and                            | Future Ye  | ar Cash Fl   | ow Comr   | nitments a  | nd Estimate  | s  |  | Current  | and Future   | Year Cas   | h Flow C   | ommitme   | nts and   | Estimates  | Financed By  |  |
|---------|--|--|--|---|---|--|--|--|--|--|--|--|---|---|--|--|--|
| . 2017  | 2018                                   | 2019   | 2020   | 2021  | Total<br>2017-2021  | Total<br>2022-2026   | Total<br>2017-2026   | Provincial<br>Grants and<br>Subsidies  | Federal De<br>Subsidy  | evelopment<br>Charges F  |  |  | Capital<br>from<br>Current  | Other 1   | Other2   |  | e Total<br>Financing   |
|         |  |  |  |   |   |  |  |  |  |  |  |  |   |   |  |  |  |
| 25,211  | 28,839                                 | 22,326   | 14,391   | 2,213   | 92,980  | 2,060  | 95,040   | 0  | 0  | 95,040   | 0  | 0  | 0   | (   | 0 0  | 0  | 0 95,040   |
| 349,987 | 312,710                                | 145,968  | 73,402   | 33,527  | 915,594   | 24,445   | 940,039  | 0  | 0  | 0  | 0  | 940,039  | 0   | (   | 0 0  | 0  | 0 940,039  |
| 17,034  | 9,462                                  | 7,516  | 3,107  | 554   | 37,673  | 1,596  | 39,269   | 0  | 0  | 0  | 0  | 0  | 0   | (   | 39,269   | 0  | 0 39,269   |
| 392,232 | 351,011                                | 175,810  | 90,900   | 36,294  | 1,046,247   | 28,101   | 1,074,348  | 0  | 0  | 95,040   | 0  | 940,039  | 0   | (   | 39,269   | 0  | 0 1,074,348  |
| t       | t. 2017<br>25,211<br>349,987<br>17,034 | t. 2017 2018<br>25,211 28,839<br>349,987 312,710<br>17,034 9,462 | t. 2017 2018 2019<br>25,211 28,839 22,326<br>349,987 312,710 145,968<br>17,034 9,462 7,516 | 2017         2018         2019         2020           25,211         28,839         22,326         14,391           349,987         312,710         145,968         73,402           17,034         9,462         7,516         3,107 | t. 2017 2018 2019 2020 2021<br>25,211 28,839 22,326 14,391 2,213<br>349,987 312,710 145,968 73,402 33,527<br>17,034 9,462 7,516 3,107 554 | z         2017         2018         2019         2020         2021         Total<br>2017-2021           25,211         28,839         22,326         14,391         2,213         92,980           349,987         312,710         145,968         73,402         33,527         915,594           17,034         9,462         7,516         3,107         554         37,673 | zo17         zo18         zo19         zo20         zo21         Total<br>zo17-zo21         Total<br>zo22-zo26           25,211         28,839         22,326         14,391         2,213         92,980         2,060           349,987         312,710         145,968         73,402         33,527         915,594         24,445           17,034         9,462         7,516         3,107         554         37,673         1,596 | z         2017         2018         2019         2020         2021         2017-2021         2022-2026         2017-2026           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040           349,987         312,710         145,968         73,402         33,527         915,594         24,445         940,039           17,034         9,462         7,516         3,107         554         37,673         1,596         39,269 | z017         2018         2019         2020         2021         Total<br>2017-2021         Total<br>2022-2026         Total<br>2017-2026         Total<br>2017-2026         Provincial<br>Grants and<br>Subsidies           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0           349,987         312,710         145,968         73,402         33,527         915,594         24,445         940,039         0           17,034         9,462         7,516         3,107         554         37,673         1,596         39,269         0 | Z017         Z018         Z019         Z020         Z021         Total<br>2017-2021         Total<br>2017-2026         Total<br>2017-2026         Total<br>2017-2026         Provincial<br>Grants and<br>Subsidies         Federal De<br>Subsidies           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0           349,987         312,710         145,968         73,402         33,527         915,594         24,445         940,039         0         0           17,034         9,462         7,516         3,107         554         37,673         1,596         39,269         0         0 | Z017         Z018         Z019         Z020         Z021         Total<br>2017-2021         Total<br>2022-2026         Total<br>2017-2026         Total<br>2017-2026         Federal<br>Subsidies         Federal<br>Subsidies         Development<br>Subsidies           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040           349,987         312,710         145,968         73,402         33,527         915,594         24,445         940,039         0         0         0         0           17,034         9,462         7,516         3,107         554         37,673         1,596         39,269         0         0         0         0 | Z017         Z018         Z019         Z020         Z021         Total<br>2017-2021         Total<br>Z017-2021         Total<br>Z017-2026         Total<br>Z017-2026         Provincial<br>Subsidies         Federal<br>Subsidies         Development<br>Charges         Reserves           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0           349,987         312,710         145,968         73,402         33,527         915,594         24,445         940,039         0 <td< td=""><td>Z017         Z018         Z019         Z020         Z021         Total<br/>2017-2021         Total<br/>2022-2026         Total<br/>2017-2026         Total<br/>2017-2026         Provincial<br/>Grants and<br/>Subsidies         Federal<br/>Development<br/>Subsidies         Development<br/>Charges         Reserve<br/>Reserves         Reserve<br/>Funds           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0         0         940,039           349,987         312,710         145,968         73,402         33,527         915,594         24,445         940,039         0         0         0         0         940,039           17,034         9,462         7,516         3,107         554         37,673         1,596         39,269         0         0         0         0         0         0         0         0         0         0</td><td>Z017         Z018         Z019         Z020         Z021         Total<br/>2017-2021         Total<br/>2022-2026         Total<br/>2017-2026         Provincial<br/>Subsidies         Federal<br/>Subsidies         Development<br/>Charges         Reserve<br/>Reserves         Capital<br/>from<br/>Current           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0</td><td>ZO17         ZO18         ZO19         ZO20         ZO21         Total<br/>2017-2021         Total<br/>2017-2021         Total<br/>2017-2026         Total<br/>2017-2026         Provincial<br/>Grants and<br/>Subsidies         Federal<br/>Subsidies         Development<br/>Charges         Reserve<br/>Reserves         Capital<br/>from<br/>Current         Other 1           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0</td><td>Z017         Z018         Z019         Z020         Z021         Total<br/>2017-2021         Total<br/>2017-2021         Total<br/>2017-2026         Total<br/>2017-2026         Provincial<br/>Grants and<br/>Subsidies         Development<br/>Subsidies         Reserve<br/>Serves         Capital<br/>from<br/>Current         Capital<br/>Other 1         Other 1         Other 2           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0</td><td>ZO17         Z018         Z019         Z020         Z021         Total<br/>2017-2021         Total<br/>2017-2026         Total<br/>2017-2026         Provincial<br/>Subsidies         Federal<br/>Subsidies         Development<br/>Subsidies         Reserve<br/>Funds         Capital<br/>from<br/>Current         Capital<br/>from<br/>Other 1         Debt -<br/>Other 2         Debt -<br/>Recoverable           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0&lt;</td></td<> | Z017         Z018         Z019         Z020         Z021         Total<br>2017-2021         Total<br>2022-2026         Total<br>2017-2026         Total<br>2017-2026         Provincial<br>Grants and<br>Subsidies         Federal<br>Development<br>Subsidies         Development<br>Charges         Reserve<br>Reserves         Reserve<br>Funds           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0         0         940,039           349,987         312,710         145,968         73,402         33,527         915,594         24,445         940,039         0         0         0         0         940,039           17,034         9,462         7,516         3,107         554         37,673         1,596         39,269         0         0         0         0         0         0         0         0         0         0 | Z017         Z018         Z019         Z020         Z021         Total<br>2017-2021         Total<br>2022-2026         Total<br>2017-2026         Provincial<br>Subsidies         Federal<br>Subsidies         Development<br>Charges         Reserve<br>Reserves         Capital<br>from<br>Current           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0 | ZO17         ZO18         ZO19         ZO20         ZO21         Total<br>2017-2021         Total<br>2017-2021         Total<br>2017-2026         Total<br>2017-2026         Provincial<br>Grants and<br>Subsidies         Federal<br>Subsidies         Development<br>Charges         Reserve<br>Reserves         Capital<br>from<br>Current         Other 1           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0 | Z017         Z018         Z019         Z020         Z021         Total<br>2017-2021         Total<br>2017-2021         Total<br>2017-2026         Total<br>2017-2026         Provincial<br>Grants and<br>Subsidies         Development<br>Subsidies         Reserve<br>Serves         Capital<br>from<br>Current         Capital<br>Other 1         Other 1         Other 2           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0 | ZO17         Z018         Z019         Z020         Z021         Total<br>2017-2021         Total<br>2017-2026         Total<br>2017-2026         Provincial<br>Subsidies         Federal<br>Subsidies         Development<br>Subsidies         Reserve<br>Funds         Capital<br>from<br>Current         Capital<br>from<br>Other 1         Debt -<br>Other 2         Debt -<br>Recoverable           25,211         28,839         22,326         14,391         2,213         92,980         2,060         95,040         0         0         95,040         0< |

#### Status Code Description

S2 S2 Prior Year (With 2017 and\or Future Year Cashflow)

S3 S3 Prior Year - Change of Scope 2017 and\or Future Year Cost\Cashflow)

S4 S4 New - Stand-Alone Project (Current Year Only)

S5 S5 New (On-going or Phased Projects)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04 05 Growth Related C05

05 Growth Related C05 06 Reserved Category 1 C06

07 Reserved Category 2 C07

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                    |        |  |      |       | [    |        | Curre | ent and Fu | ture Year | Cash Flov | w Commitn          | nents              |                    |                                       | Cur                  | rent and Futu            | ure Year | Cash Flo         | w Comm                     | itments F | inanced | Ву  |                    |                    |
|--------------------|--------|--|------|-------|------|--------|-------|------------|-----------|-----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|--------------------------|----------|------------------|----------------------------|-----------|---------|-----|--------------------|--------------------|
| <u>Sub</u><br>Prio |        | <u>ject No.</u> <u>Project Name</u><br>Proj No. Sub-project Name | Ward | Stat. | Cat. | 2017   | 2018  | 2019       | 2020      | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges R | eserves  | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2  | Rec | Debt -<br>overable | Total<br>Financing |
| WAS                | 000007 | ASHBRIDGES BAY WWTP REHAB  |      |       |      |        |       |            |           |           |                    |                    |                    |                                       |                      |                          |          |                  |                            |           |         |     |                    |                    |
| 0                  | 17     | STANDBY POWER GENERATION   | CW   | S2    | 04   | 5      | 0     | 0          | 0         | 0         | 5                  | 0                  | 5                  | 0                                     | 0                    | 0                        | 0        | 5                | 0                          | 0         | 0       | 0   | 0                  | 5                  |
| 0                  | 19     | FERROUS UPGRADES   | CW   | S2    | 03   | 15,695 | 5,853 | 5,955      | 0         | 0         | 27,503             | 0                  | 27,503             | 0                                     | 0                    | 2,224                    | 0        | 25,279           | 0                          | 0         | 0       | 0   | 0                  | 27,503             |
| 0                  | 30     | ELECTRICAL REHAB - ECAP  | CW   | S2    | 01   | 4,542  | 1,710 | 35         | 0         | 0         | 6,287              | 0                  | 6,287              | 0                                     | 0                    | 0                        | 0        | 6,287            | 0                          | 0         | 0       | 0   | 0                  | 6,287              |
| 0                  | 41     | POLYMER UPGRADE  | CW   | S2    | 03   | 1,362  | 3,632 | 13,500     | 15,500    | 15,022    | 49,016             | 14,164             | 63,180             | 0                                     | 0                    | 0                        | 0        | 63,180           | 0                          | 0         | 0       | 0   | 0                  | 63,180             |
| 0                  | 46     | REHAB OF GROUNDS & BUILDINGS                                     | CW   | S2    | 03   | 10     | 0     | 0          | 0         | 0         | 10                 | 0                  | 10                 | 0                                     | 0                    | 0                        | 0        | 10               | 0                          | 0         | 0       | 0   | 0                  | 10                 |
| 0                  | 47     | P BLDG HEADWORKS ENG<br>DESIGN&CONTRACT ADMIN                    | CW   | S2    | 03   | 1,252  | 1,146 | 250        | 49        | 0         | 2,697              | 0                  | 2,697              | 0                                     | 0                    | 217                      | 0        | 2,480            | 0                          | 0         | 0       | 0   | 0                  | 2,697              |
| 0                  | 49     | PROCESS UPGRADES & ODOUR<br>CONTROL ENGINEERING                  | CW   | S2    | 04   | 193    | 0     | 0          | 0         | 0         | 193                | 0                  | 193                | 0                                     | 0                    | 15                       | 0        | 178              | 0                          | 0         | 0       | 0   | 0                  | 193                |
| 0                  | 189    | PROCESS AND EQUIPMENT  | CW   | S2    | 03   | 1,796  | 26    | 27         | 0         | 0         | 1,849              | 0                  | 1,849              | 0                                     | 0                    | 0                        | 0        | 1,849            | 0                          | 0         | 0       | 0   | 0                  | 1,849              |
| 0                  | 190    | GROUND AND FACILITIES  | CW   | S2    | 03   | 445    | 0     | 0          | 0         | 0         | 445                | 0                  | 445                | 0                                     | 0                    | 0                        | 0        | 445              | 0                          | 0         | 0       | 0   | 0                  | 445                |
| 0                  | 215    | DIGESTERS CLEANING REHAB - TANKS 14, 16, 13                      | CW   | S2    | 03   | 3,365  | 3,104 | 2,104      | 3,104     | 1,030     | 12,707             | 8                  | 12,715             | 0                                     | 0                    | 0                        | 0        | 12,715           | 0                          | 0         | 0       | 0   | 0                  | 12,715             |
| 0                  | 216    | OPERATIONS CENTRE - ENGINEERING                                  | CW   | S2    | 03   | 400    | 0     | 0          | 0         | 0         | 400                | 0                  | 400                | 0                                     | 0                    | 0                        | 0        | 400              | 0                          | 0         | 0       | 0   | 0                  | 400                |
| 0                  | 226    | ABTP - PROCESS ROADMAP PHASE 2                                   | CW   | S2    | 05   | 1,225  | 500   | 250        | 0         | 0         | 1,975              | 0                  | 1,975              | 0                                     | 0                    | 0                        | 0        | 1,975            | 0                          | 0         | 0       | 0   | 0                  | 1,975              |
| 0                  | 227    | AIR HEADER REHAB   | CW   | S2    | 03   | 727    | 1,700 | 0          | 0         | 0         | 2,427              | 0                  | 2,427              | 0                                     | 0                    | 0                        | 0        | 2,427            | 0                          | 0         | 0       | 0   | 0                  | 2,427              |
| 0                  | 229    | D BUILDING PHASE 2   | CW   | S2    | 03   | 502    | 2,340 | 2,340      | 2,300     | 2,300     | 9,782              | 2,320              | 12,102             | 0                                     | 0                    | 0                        | 0        | 12,102           | 0                          | 0         | 0       | 0   | 0                  | 12,102             |
| 0                  | 247    | HEATING AND AIR SYSTEMS<br>ASSESSMENT                            | CW   | S2    | 03   | 590    | 250   | 0          | 0         | 0         | 840                | 0                  | 840                | 0                                     | 0                    | 0                        | 0        | 840              | 0                          | 0         | 0       | 0   | 0                  | 840                |
| 0                  | 248    | SOILS MANAGEMENT PLAN  | CW   | S2    | 03   | 200    | 100   | 0          | 0         | 0         | 300                | 0                  | 300                | 0                                     | 0                    | 0                        | 0        | 300              | 0                          | 0         | 0       | 0   | 0                  | 300                |
| 0                  | 264    | HVAC CONVERSION Z-BLDG   | CW   | S2    | 03   | 1,860  | 1,500 | 0          | 0         | 0         | 3,360              | 0                  | 3,360              | 0                                     | 0                    | 0                        | 0        | 3,360            | 0                          | 0         | 0       | 0   | 0                  | 3,360              |
| 0                  | 265    | P BLDG HEADWORKS ENG<br>DESIGN&CONTRACT ADMIN-2017 SC            | CW   | S3    | 03   | 398    | 714   | 1,280      | 201       | 49        | 2,642              | 0                  | 2,642              | 0                                     | 0                    | 213                      | 0        | 2,429            | 0                          | 0         | 0       | 0   | 0                  | 2,642              |
| 0                  | 266    | PROCESS AND EQUIPMENT-2017 SC                                    | CW   | S3    | 03   | -563   | 1,756 | 1,100      | 1,100     | 0         | 3,393              | 0                  | 3,393              | 0                                     | 0                    | 0                        | 0        | 3,393            | 0                          | 0         | 0       | 0   | 0                  | 3,393              |
| 0                  | 267    | GROUND AND FACILITIES-2017 SC                                    | CW   | S3    | 03   | -4     | 440   | 440        | 440       | 0         | 1,316              | 0                  | 1,316              | 0                                     | 0                    | 0                        | 0        | 1,316            | 0                          | 0         | 0       | 0   | 0                  | 1,316              |
| 0                  | 269    | NEW FLEET PURCHASES-2017 SC                                      | CW   | S3    | 04   | 80     | 0     | 0          | 0         | 0         | 80                 | 0                  | 80                 | 0                                     | 0                    | 0                        | 0        | 80               | 0                          | 0         | 0       | 0   | 0                  | 80                 |
| 0                  | 270    | SOILS MANAGEMENT PLAN-2017 SC                                    | CW   | S3    | 03   | -200   | -100  | 0          | 0         | 0         | -300               | 0                  | -300               | 0                                     | 0                    | 0                        | 0        | -300             | 0                          | 0         | 0       | 0   | 0                  | -300               |
| 0                  | 272    | FERROUS UPGRADES - 2017 SC                                       | CW   | S3    | 03   | -8,315 | 5,495 | 3,275      | 0         | 0         | 455                | 0                  | 455                | 0                                     | 0                    | 27                       | 0        | 428              | 0                          | 0         | 0       | 0   | 0                  | 455                |
| 0                  | 273    | ELECTRICAL REHAB - ECAP- 2017 SC                                 | CW   | S3    | 01   | -1,375 | 1,718 | -3         | 0         | 0         | 340                | 0                  | 340                | 0                                     | 0                    | 0                        | 0        | 340              | 0                          | 0         | 0       | 0   | 0                  | 340                |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| <u>Sub-</u> | Desis          |   |        |       |      |         | Curre  | ent and Fu | ture Year | Cash Flov | N Commitm          | onte               |                    |                                       | Curr                            | ent and Fi            | uture Year (  | Cash Flov        | v Comm                     | itments I | Financed | By |                 |                    |
|-------------|----------------|---|--------|-------|------|---------|--------|------------|-----------|-----------|--------------------|--------------------|--------------------|---------------------------------------|---------------------------------|-----------------------|---------------|------------------|----------------------------|-----------|----------|----|-----------------|--------------------|
| Sub-        | Desis          |   |        |       | -    |         |        |            |           | ouoninioi |                    | ienta              |                    |                                       | Jun                             | cint and i t          |               |                  |                            |           |          | ,  |                 |                    |
| Priority    |                | <u>ct No.</u> <u>Project Name</u><br>roj No. Sub-project Name V | Vard S | Stat. | Cat. | 2017    | 2018   | 2019       | 2020      | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal <sub>D</sub><br>Subsidy | evelopment<br>Charges | F<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2   |    | bt -<br>rerable | Total<br>Financing |
|             |                | SHBRIDGES BAY WWTP REHAB  |        |       |      |         |        |            |           |           |                    |                    |                    |                                       |                                 |                       |               |                  |                            |           |          |    |                 |                    |
| 0 2         |                | REHAB OF GROUNDS & BUILDINGS- 2017<br>SC                        | CW     | S3    | 03   | 0       | 472    | 0          | 0         | 0         | 472                | 0                  | 472                | o                                     | 0                               | 0                     | 0             | 472              | 0                          | C         | ) 0      | 0  | 0               | 472                |
| 0 2         |                | ROCESS UPGRADES & ODOUR<br>CONTROL ENG- 2017 SC                 | CW     | S3    | 04   | -93     | 105    | 0          | 0         | 0         | 12                 | 0                  | 12                 | o                                     | 0                               | 1                     | 0             | 11               | 0                          | C         | ) 0      | 0  | 0               | 12                 |
| 0 2         | 276 P          | POLYMER UPGRADE- 2017 SC  | CW     | S3    | 03   | -12     | 3,000  | 8,000      | 6,000     | 6,000     | 22,988             | 7,000              | 29,988             | 0                                     | 0                               | 0                     | 0             | 29,988           | 0                          | (         | ) 0      | 0  | 0               | 29,988             |
| 0 2         |                | OPERATIONS CENTRE - ENGINEERING-<br>017 SC                      | CW     | S3    | 03   | -100    | 400    | 0          | 0         | 0         | 300                | 0                  | 300                | o                                     | 0                               | 0                     | 0             | 300              | 0                          | C         | ) 0      | 0  | 0               | 300                |
| 0 2         |                | BTP - PROCESS ROADMAP PHASE 2-<br>017 SC                        | CW     | S3    | 05   | -975    | 500    | 250        | 250       | 0         | 25                 | 0                  | 25                 | 0                                     | 0                               | 0                     | 0             | 25               | 0                          | C         | ) 0      | 0  | 0               | 25                 |
| 0 2         | 279 A          | IR HEADER REHAB- 2017 SC  | CW     | S3    | 03   | 450     | 820    | 0          | 0         | 0         | 1,270              | 0                  | 1,270              | 0                                     | 0                               | 0                     | 0             | 1,270            | 0                          | C         | ) 0      | 0  | 0               | 1,270              |
| 0 2         | 280 D          | BUILDING PHASE 2- 2017 SC                                       | CW     | S3    | 03   | 322     | -1,330 | 8,860      | 8,700     | 8,700     | 25,252             | 9,190              | 34,442             | 0                                     | 0                               | 0                     | 0             | 34,442           | 0                          | C         | ) 0      | 0  | 0               | 34,442             |
| 0 2         |                | EATING AND AIR SYSTEMS<br>SSESSMENT- 2017 SC                    | CW     | S3    | 03   | -90     | 100    | 0          | 0         | 0         | 10                 | 0                  | 10                 | 0                                     | 0                               | 0                     | 0             | 10               | 0                          | C         | ) 0      | 0  | 0               | 10                 |
| 0 2         | 282 H          | IVAC CONVERSION Z-BLDG- 2017 SC                                 | CW     | S3    | 03   | -860    | 0      | 1,013      | 0         | 0         | 153                | 0                  | 153                | 0                                     | 0                               | 0                     | 0             | 153              | 0                          | C         | ) 0      | 0  | 0               | 153                |
| 0 2         | 285 B          | BLOWER 7-9 OVERHAUL   | CW     | S4    | 03   | 800     | 500    | 0          | 0         | 0         | 1,300              | 0                  | 1,300              | 0                                     | 0                               | 0                     | 0             | 1,300            | 0                          | C         | ) 0      | 0  | 0               | 1,300              |
| 0 2         |                | TANDBY POWER GENERATION- 2017<br>C                              | CW     | S3    | 04   | 15      | 18     | 0          | 0         | 0         | 33                 | 0                  | 33                 | 0                                     | 0                               | 3                     | 0             | 30               | 0                          | C         | ) 0      | 0  | 0               | 33                 |
|             |                | Sub-total   |        |       |      | 23,647  | 36,469 | 48,676     | 37,644    | 33,101    | 179,537            | 32,682             | 212,219            | 0                                     | 0                               | 2,700                 | 0             | 209,519          | 0                          | (         | ) (      | 0  | 0               | 212,219            |
| WAS00       | 00115 <u>H</u> | IUMBER T.P.   |        |       |      |         |        |            |           |           |                    |                    |                    |                                       |                                 |                       |               |                  |                            |           |          |    |                 |                    |
| 09          | 9 C            | CO-GENERATION   | CW     | S2    | 04   | 335     | 109    | 0          | 0         | 0         | 444                | 0                  | 444                | 0                                     | 0                               | 0                     | 0             | 444              | 0                          | C         | ) 0      | 0  | 0               | 444                |
| 06          | 62 C           | CO-GENERATION- 2017 SC  | CW     | S3    | 04   | -135    | 150    | 0          | 0         | 0         | 15                 | 0                  | 15                 | 0                                     | 0                               | 0                     | 0             | 15               | 0                          | C         | ) 0      | 0  | 0               | 15                 |
|             |                | Sub-total   |        |       |      | 200     | 259    | 0          | 0         | 0         | 459                | 0                  | 459                | 0                                     | 0                               | 0                     | 0             | 459              | 0                          | (         | ) C      | 0  | 0               | 459                |
| WAS00       | 00259 <u>T</u> | RUNK SEWER SYSTEM   |        |       |      |         |        |            |           |           |                    |                    |                    |                                       |                                 |                       |               |                  |                            |           |          |    |                 |                    |
| 0 1         | 15 T           | RUNK SEWER REHABILITATION - 2012                                | CW     | S2    | 03   | 1,643   | 748    | 101        | 29        | 0         | 2,521              | 0                  | 2,521              | 0                                     | 0                               | 0                     | 0             | 2,521            | 0                          | C         | ) 0      | 0  | 0               | 2,521              |
| 0 2         | 27 T           | RUNK SEWER REHABILITATION - 2014                                | CW     | S2    | 03   | 38,206  | 7,567  | 1,810      | 10        | 0         | 47,593             | 0                  | 47,593             | o                                     | 0                               | 0                     | 0             | 47,593           | 0                          | C         | ) 0      | 0  | 0               | 47,593             |
| 03          | 34 B           | BLACK CREEK STS EA  | CW     | S2    | 05   | 1,177   | 0      | 0          | 0         | 0         | 1,177              | 0                  | 1,177              | o                                     | 0                               | 0                     | 0             | 1,177            | 0                          | C         | ) 0      | 0  | 0               | 1,177              |
| 0 4         | 47 T           | RUNK SEWER REHABILITATION - 2016                                | CW     | S2    | 03   | 3,590   | 19,175 | 11,770     | 240       | 10        | 34,785             | 0                  | 34,785             | o                                     | 0                               | 0                     | 0             | 34,785           | 0                          | C         | ) 0      | 0  | 0               | 34,785             |
| 04          |                | RUNK SEWER REHABILITATION -<br>014-2017 SC                      | CW     | S3    | 03   | -14,767 | 13,454 | 6,526      | 1,342     | 10        | 6,565              | 0                  | 6,565              | o                                     | 0                               | 0                     | 0             | 6,565            | 0                          | C         | ) 0      | 0  | 0               | 6,565              |
| 05          |                | RUNK SEWER REHABILITATION -<br>016-2017 SC                      | CW     | S3    | 03   | 260     | 3,171  | 258        | 492       | 4         | 4,185              | 0                  | 4,185              | 0                                     | 0                               | 0                     | 0             | 4,185            | 0                          | C         | ) 0      | 0  | 0               | 4,185              |
| 0 5         |                | RUNK SEWER REHABILITATION - 2012-<br>017 SC                     | CW     | S3    | 03   | 430     | 755    | 318        | -1        | 15        | 1,517              | 0                  | 1,517              | 0                                     | 0                               | 0                     | 0             | 1,517            | 0                          | C         | ) 0      | 0  | 0               | 1,517              |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|        |  |       |       |      |         | Curre   | ent and Fu | uture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cur                | rent and F             | uture Year Cash I        | low Comm                     | nitments | Finance | d By |                          |   |                    |
|--------|--|-------|-------|------|---------|---------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------------------|------------------------------|----------|---------|------|--------------------------|---|--------------------|
|        | <u>Project No.</u> <u>Project Name</u><br>SubProj No. Sub-project Name         | Ward  | Stat. | Cat. | 2017    | 2018    | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserv<br>Reserves Funds | Capital<br>e from<br>Current | Other 1  | Other2  |      | Debt -<br>Recovera<br>bt |   | Total<br>Financing |
|        | 259 TRUNK SEWER SYSTEM   |       |       |      |         |         |            |            |          |                    |                    |                    | Cabolaloo                             |                    |                        |                          |                              |          |         |      |                          |   | 0                  |
| 0 53   | 3 TRUNK SEWER REHABILITATION - 2018  | B CW  | S4    | 03   | 1,375   | 2,860   | 12,405     | 29,504     | 29,906   | 76,050             | 28,081             | 104,131            | o                                     | 0                  | 0                      | 0 104,1                  | 31 (                         | )        | 0 0     | 0    | 0                        | 0 | 104,131            |
| 0 54   | BLACK CREEK STS EA- 2017 SC  | CW    | S3    | 05   | -422    | 455     | 0          | 0          | 0        | 33                 | 0                  | 33                 | 0                                     | 0                  | 0                      | 0 3                      | 33 (                         | )        | 0 0     | 0    | 0                        | 0 | 33                 |
|        | Sub-total  |       |       |      | 31,492  | 48,185  | 33,188     | 31,616     | 29,945   | 174,426            | 28,081             | 202,507            | 0                                     | 0                  | 0                      | 0 202,5                  | )7 (                         | )        | 0 0     | 0    | 0                        | 0 | 202,507            |
| WAS000 | 442 BASEMENT FLOODING RELIEF   |       |       |      |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |                          |                              |          |         |      |                          | T |                    |
| 0 1    | BASEMENT FLOODING PROTECTION<br>SUBSIDY PROGRAM                                | CW    | S2    | 04   | 5,500   | 5,500   | 0          | 0          | 0        | 11,000             | 0                  | 11,000             | о                                     | 0                  | 0                      | 0 11,0                   | 00 0                         | )        | 0 0     | 0    | 0                        | 0 | 11,000             |
| 0 8    | BASEMENT FLOODING STUDIES & EAS  | CW    | S2    | 04   | 920     | 756     | 200        | 200        | 0        | 2,076              | 0                  | 2,076              | 0                                     | 0                  | 0                      | 0 2,0                    | 76 (                         | )        | 0 0     | 0    | 0                        | 0 | 2,076              |
| 09     | BASEMENT FLOODING RELIEF - TUNNE<br>PROJECT                                    | EL CW | S2    | 04   | 5,050   | 7,000   | 35,000     | 35,000     | 35,000   | 117,050            | 55,000             | 172,050            | 0                                     | 0                  | 0                      | 0 172,0                  | 50 0                         | )        | 0 0     | 0    | 0                        | 0 | 172,050            |
| 0 12   | 2 ROAD RESTORATION FOR BSMT FLDG<br>PRJS                                       | CW    | S2    | 04   | 515     | 0       | 0          | 0          | 0        | 515                | 0                  | 515                | 0                                     | 0                  | 0                      | 0 5                      | 15 (                         | )        | 0 0     | 0    | 0                        | 0 | 515                |
| 0 14   | BASEMENT FLOODING DESIGN - GROU  | JP CW | S2    | 04   | 1,170   | 1,136   | 0          | 0          | 0        | 2,306              | 0                  | 2,306              | 0                                     | 0                  | 0                      | 0 2,30                   | )6 (                         | )        | 0 0     | 0    | 0                        | 0 | 2,306              |
| 0 18   | BASEMENT FLOODING DESIGN - GROU<br>2   | JP CW | S2    | 04   | 4,108   | 2,456   | 0          | 0          | 0        | 6,564              | 0                  | 6,564              | 0                                     | 0                  | 0                      | 0 6,5                    | 64 (                         | )        | 0 0     | 0    | 0                        | 0 | 6,564              |
| 0 19   | BASEMENT FLOODING RELIEF - GROUP   | P CW  | S2    | 04   | 60,405  | 37,752  | 26,004     | 6,243      | 1,000    | 131,404            | 0                  | 131,404            | 0                                     | 0                  | 0                      | 0 131,4                  | )4 (                         | )        | 0 0     | 0    | 0                        | 0 | 131,404            |
| 0 20   | BASEMENT FLOODING DESIGN - GROU<br>3   | JP CW | S2    | 04   | 4,458   | 2,644   | 268        | 20         | 0        | 7,390              | 0                  | 7,390              | 0                                     | 0                  | 0                      | 0 7,3                    | 90 (                         | )        | 0 0     | 0    | 0                        | 0 | 7,390              |
| 0 29   | BASEMENT FLOODING RELIEF - GROUP   | P CW  | S2    | 04   | 2,268   | 55      | 0          | 0          | 0        | 2,323              | 0                  | 2,323              | 0                                     | 0                  | 0                      | 0 2,3                    | 23 (                         | )        | 0 0     | 0    | 0                        | 0 | 2,323              |
| 0 76   | BASEMENT FLOODING FLOW<br>MONITORING   | CW    | S2    | 04   | 1,614   | 1,500   | 1,500      | 1,500      | 500      | 6,614              | 0                  | 6,614              | 0                                     | 0                  | 0                      | 0 6,6                    | 14 (                         | )        | 0 0     | 0    | 0                        | 0 | 6,614              |
| 0 77   | BASEMENT FLOODING DESIGN - GROU<br>4 (ENGINEERING)                             | JP CW | S2    | 04   | 11,794  | 17,820  | 21,560     | 21,930     | 21,930   | 95,034             | 57,279             | 152,313            | 0                                     | 0                  | 0                      | 0 152,3                  | 13 (                         | )        | 0 0     | 0    | 0                        | 0 | 152,313            |
| 0 81   | BASEMENT FLOODING STUDIES &<br>EAS-CW IMPLEMENTATION                           | CW    | S2    | 04   | 10,755  | 5,500   | 0          | 0          | 0        | 16,255             | 0                  | 16,255             | 0                                     | 0                  | 0                      | 0 16,2                   | 55 (                         | )        | 0 0     | 0    | 0                        | 0 | 16,255             |
| 0 89   | <ul> <li>BASEMENT FLOODING RELIEF - GROUP<br/>4 (CONSTRUCTION)</li> </ul>      | P CW  | S4    | 04   | 10,788  | 36,775  | 66,350     | 72,859     | 85,700   | 272,472            | 494,806            | 767,278            | 0                                     | 0                  | 0                      | 0 767,2                  | 78 (                         | )        | 0 0     | 0    | 0                        | 0 | 767,278            |
| 0 10   | 2 BASEMENT FLOODING DESIGN - GROU<br>1-2017 SC                                 | JP CW | S3    | 04   | -569    | -997    | 1,075      | 0          | 0        | -491               | 0                  | -491               | 0                                     | 0                  | 0                      | 0 -4                     | 91 (                         | )        | 0 0     | 0    | 0                        | 0 | -491               |
| 0 10   | 3 BASEMENT FLOODING RELIEF - TUNNE<br>PROJECT-2017 SC                          | EL CW | S3    | 04   | -4,500  | -3,545  | -33,455    | -27,100    | 0        | -68,600            | 70,000             | 1,400              | o                                     | 0                  | 0                      | 0 1,4                    | 00 0                         | )        | 0 0     | 0    | 0                        | 0 | 1,400              |
| 0 10   | BASEMENT FLOODING RELIEF - GROUP<br>2-2017 SC                                  | P CW  | S3    | 04   | -42,348 | -28,120 | -15,077    | 10,302     | 6,500    | -68,743            | 0                  | -68,743            | 0                                     | 0                  | 0                      | 0 -68,74                 | 43 (                         | )        | 0 (     | 0    | 0                        | 0 | -68,743            |
| 0 10   | BASEMENT FLOODING DESIGN - GROU<br>3-2017 SC                                   | JP CW | S3    | 04   | -2,030  | -76     | 41         | 2,300      | 0        | 235                | 0                  | 235                | 0                                     | 0                  | 0                      | 0 23                     | 35 (                         | )        | 0 (     | 0    | 0                        | 0 | 235                |
| 0 10   | BASEMENT FLOODING DESIGN - GROU<br>4 ENG-2017 SC                               | JP CW | S3    | 04   | 5,378   | -1,305  | -6,130     | -5,595     | -7,660   | -15,312            | -4,995             | -20,307            | o                                     | 0                  | 0                      | 0 -20,30                 | )7 (                         | )        | 0 0     | 0    | 0                        | 0 | -20,307            |
| 0 10   | <ul> <li>BASEMENT FLOODING RELIEF - GROUP</li> <li>3 (CONSTRUCTION)</li> </ul> | P CW  | S4    | 04   | 8,486   | 13,164  | 7,840      | 6,388      | 5,000    | 40,878             | 0                  | 40,878             | 0                                     | 0                  | 0                      | 0 40,8                   | 78 (                         | )        | 0 (     | 0    | 0                        | 0 | 40,878             |
| 0 10   | 18 LIDAR PURCHASE  | CW    | S4    | 04   | 1,000   | 0       | 0          | 0          | 0        | 1,000              | 0                  | 1,000              | 0                                     | 0                  | 0                      | 0 1,00                   | 00 0                         | )        | 0 0     | 0    | 0                        | 0 | 1,000              |
|        |  |       |       | 1    | . 1     |         |            |            |          |                    | •                  | · · · · ·          | •                                     |                    |                        |                          |                              |          |         |      |                          |   |                    |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                    |        |   |       |       |      |        | Curre  | ent and Fu | ture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                  | rent and F             | uture Year C  | ash Flow | / Comm                     | itments I | inanced | Ву                          |                                   |
|--------------------|--------|---|-------|-------|------|--------|--------|------------|-----------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|---------------|----------|----------------------------|-----------|---------|-----------------------------|-----------------------------------|
| <u>Sub</u><br>Prio |        | j <u>ect No. Project Name</u><br>pProj No. Sub-project Name | Ward  | Stat. | Cat. | 2017   | 2018   | 2019       | 2020      | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | R<br>Reserves |          | Capital<br>from<br>Current | Other 1   | Other2  | Debt -<br>Recoverab<br>Debt | <sup>Ile</sup> Total<br>Financing |
| WAS                | 000442 | BASEMENT FLOODING RELIEF                                    |       |       |      |        |        |            |           |          |                    |                    |                    |                                       |                      |                        |               |          |                            |           |         |                             |                                   |
| 0                  | 109    | REAL ESTATE - IDC   | CW    | S4    | 04   | 63     | 131    | 0          | 0         | 0        | 194                | 0                  | 194                | o                                     | 0                    | 0                      | 0             | 194      | 0                          | C         | 0       | 0                           | 0 194                             |
| 0                  | 110    | BASEMENT FLOODING PROTECTION<br>SUBSIDY PROG- 2017 SC       | CW    | S3    | 04   | 0      | 0      | 5,500      | 0         | 0        | 5,500              | 0                  | 5,500              | C                                     | 0                    | 0                      | 0             | 5,500    | 0                          | C         | 0       | 0                           | 0 5,500                           |
| 0                  | 111    | BASEMENT FLOODING STUDIES & EAS<br>2017 SC                  | - CW  | S3    | 04   | 215    | 249    | 0          | 0         | 100      | 564                | 0                  | 564                | C                                     | 0                    | 0                      | 0             | 564      | 0                          | C         | 0       | 0                           | 0 564                             |
| 0                  | 112    | BASEMENT FLOODING DESIGN - GROU<br>2- 2017 SC               | IP CW | S3    | 04   | -2,810 | -1,821 | 2,390      | 2,000     | 0        | -241               | 0                  | -241               | C                                     | 0                    | 0                      | 0             | -241     | 0                          | C         | 0       | 0                           | 0 -241                            |
| 0                  | 113    | BASEMENT FLOODING RELIEF - GROUP<br>1- 2017 SC              | P CW  | S3    | 04   | -2,207 | 1,511  | 55         | 0         | 0        | -641               | 0                  | -641               | C                                     | 0                    | 0                      | 0             | -641     | 0                          | C         | 0       | 0                           | 0 -641                            |
| 0                  | 114    | ROAD RESTORATION FOR BSMT FLDG<br>PRJS- 2017 SC             | CW    | S3    | 04   | -515   | 0      | 0          | 0         | 0        | -515               | 0                  | -515               | o                                     | 0                    | 0                      | 0             | -515     | 0                          | C         | 0       | 0                           | 0 -515                            |
| 0                  | 115    | BASEMENT FLOODING<br>STUDIES&EA`S-CW IMPLEMENT 2017S(       |       | S3    | 04   | -6,946 | -2,242 | 3,550      | 2,850     | 1,800    | -988               | 3,650              | 2,662              | o                                     | 0                    | 0                      | 0             | 2,662    | 0                          | C         | 0       | 0                           | 0 2,662                           |
| 0                  | 116    | BASEMENT FLOODING FLOW<br>MONITORING- 2017 SC               |       | S3    | 04   | -715   | -574   | -546       | -518      | -500     | -2,853             | 0                  | -2,853             | C                                     | 0                    | 0                      | 0             | -2,853   | 0                          | C         | 0       | 0                           | 0 -2,853                          |
|                    |        | Sub-total   |       |       |      | 71,847 | 95,269 | 116,125    | 128,379   | 149,370  | 560,990            | 675,740            | 1,236,730          | 0                                     | 0                    | 0                      | 01,2          | 236,730  | 0                          | C         | 0       | 0                           | 0 1,236,730                       |
| WAS                | 000521 | HIGHLAND CREEK WWTP - BUILDING S                            | ERV & |       |      |        |        |            |           |          |                    |                    |                    |                                       |                      |                        |               |          |                            |           |         |                             |                                   |
| 0                  | 3      | HCTP BLDG REHAB & IMPROVEMENTS                              | CW    | S2    | 03   | 1,326  | 4,000  | 1,742      | 0         | 0        | 7,068              | 0                  | 7,068              | o                                     | 0                    | 0                      | 0             | 7,068    | 0                          | C         | 0       | 0                           | 0 7,068                           |
| 0                  | 9      | HCTP BLDG REHAB &<br>IMPROVEMENTS-2017 SC                   | CW    | S3    | 03   | 1,674  | -674   | -1,112     | 0         | 0        | -112               | 0                  | -112               | C                                     | 0                    | 0                      | 0             | -112     | 0                          | C         | 0       | 0                           | 0 -112                            |
|                    |        | Sub-total   |       |       |      | 3,000  | 3,326  | 630        | 0         | 0        | 6,956              | 0                  | 6,956              | 0                                     | 0                    | 0                      | 0             | 6,956    | 0                          | C         | 0       | 0                           | 0 6,956                           |
| WAS                | 906322 | W&WW LABORATORIES   |       |       |      |        |        |            |           |          |                    |                    |                    |                                       |                      |                        |               |          |                            |           |         |                             |                                   |
| 0                  | 9      | LAB EQUIPMENT   | CW    | S2    | 03   | 188    | 207    | 0          | 0         | 0        | 395                | 0                  | 395                | C                                     | 0                    | 0                      | 0             | 395      | 0                          | C         | 0       | 0                           | 0 395                             |
| 0                  | 31     | LAB EQUIPMENT- 2017 SC                                      | CW    | S3    | 03   | 57     | 41     | 358        | 209       | 458      | 1,123              | 0                  | 1,123              | o                                     | 0                    | 0                      | 0             | 1,123    | 0                          | C         | 0       | 0                           | 0 1,123                           |
|                    |        | Sub-total   |       |       |      | 245    | 248    | 358        | 209       | 458      | 1,518              | 0                  | 1,518              | 0                                     | 0                    | 0                      | 0             | 1,518    | 0                          | C         | 0       | 0                           | 0 1,518                           |
| WAS                | 906328 | SWM END OF PIPE FACILITIES                                  |       |       |      |        |        |            |           |          |                    |                    |                    |                                       |                      |                        |               |          |                            |           |         |                             |                                   |
| 0                  | 11     | Bonar Creek SWMF Construction                               | CW    | S2    | 04   | 3,000  | 7,400  | 5,570      | 150       | 0        | 16,120             | 0                  | 16,120             | o                                     | 0                    | 1,296                  | 0             | 14,824   | 0                          | C         | 0       | 0                           | 0 16,120                          |
| 0                  | 12     | EARL BALES PARK SWM FACILITY -<br>PHASE 2                   | CW    | S2    | 04   | 1,475  | 0      | 0          | 0         | 0        | 1,475              | 0                  | 1,475              | C                                     | 0                    | 119                    | 0             | 1,356    | 0                          | C         | 0       | 0                           | 0 1,475                           |
| 0                  | 57     | Scarborough Waterfront Construction                         | CW    | S2    | 04   | 0      | 0      | 0          | 0         | 1,150    | 1,150              | 46,800             | 47,950             | C                                     | 0                    | 3,860                  | 0             | 44,090   | 0                          | C         | 0       | 0                           | 0 47,950                          |
| 0                  | 63     | Bonar Creek SWMF Construction-2017 SC                       | CW    | S3    | 04   | -2,750 | -6,900 | 2,280      | 7,550     | 100      | 280                | 100                | 380                | o                                     | 0                    | 32                     | 0             | 348      | 0                          | C         | 0       | 0                           | 0 380                             |
| 0                  | 64     | HUMBER BAY POND (ETOBICOKE)                                 | CW    | S4    | 03   | 100    | 350    | 150        | 0         | 0        | 600                | 0                  | 600                | o                                     | 0                    | 48                     | 0             | 552      | 0                          | C         | 0       | 0                           | 0 600                             |
| 0                  | 65     | NORTH TORONTO CSO CONSTR- 2017<br>SC                        | CW    | S3    | 04   | 47     | 0      | 0          | 0         | 0        | 47                 | 0                  | 47                 | C                                     | 0                    | 4                      | 0             | 43       | 0                          | C         | 0       | 0                           | 0 47                              |
| 0                  | 66     | EARL BALES PARK SWM FACILITY -<br>PHASE 2- 2017 SC          | CW    | S3    | 04   | -543   | 250    | 250        | 0         | 0        | -43                | 0                  | -43                | o                                     | 0                    | -4                     | 0             | -39      | 0                          | C         | 0       | 0                           | 0 -43                             |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|          |   |        |            |      |        | Curr   | ent and Fu | iture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                | rent and F             | uture Year | Cash Flo         | w Comm                     | itments | Financed | Ву                           |                      |
|----------|---|--------|------------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|----------|------------------------------|----------------------|
|          | oject No. Project Name<br>ubProj No. Sub-project Name | Ward   | Stat.      | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Debt -<br>Recoverabl<br>Debt | e Total<br>Financing |
| WAS90632 | 8 SWM END OF PIPE FACILITIES                          |        |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |                              |                      |
| 0 67     | YR03 D1 END OF PIPE- 2017 SC                          | CW     | S3         | 04   | 1      | 1      | 0          | 0          | 0        | 2                  | 0                  | 2                  | 0                                     | 0                  | 0                      | 0          | 2                | 0                          |         | 0 0      | 0                            | 0 2                  |
|          | Sub-total   |        |            |      | 1,330  | 1,101  | 8,250      | 7,700      | 1,250    | 19,631             | 46,900             | 66,531             | 0                                     | 0                  | 5,355                  | 0          | 61,176           | 0                          |         | 0 0      | 0                            | 0 66,531             |
| WAS90633 | 1 SWM SOURCE CONTROL PROG                             |        |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |                              |                      |
| 09       | DOWNSPOUT DISCONNECTION<br>PROGRAM                    | CW     | S2         | 04   | 150    | 150    | 0          | 0          | 0        | 300                | 0                  | 300                | 0                                     | 0                  | 0                      | 0          | 300              | 0                          |         | 0 0      | 0                            | 0 300                |
|          | Sub-total   |        |            |      | 150    | 150    | 0          | 0          | 0        | 300                | 0                  | 300                | 0                                     | 0                  | 0                      | 0          | 300              | 0                          |         | 0 0      | 0                            | 0 300                |
| WAS90638 | 0 HIGHLAND CREEK WWTP - ODOUR CO                      | ONTROL |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |                              |                      |
| 0 1      | ODOUR CONTROL UPGRADES - PHAS<br>ENG                  | SE1 CW | S2         | 04   | 524    | 1,020  | 917        | 100        | 5        | 2,566              | 0                  | 2,566              | o                                     | 0                  | 206                    | 0          | 2,360            | 0                          |         | 0 0      | 0                            | 0 2,566              |
| 0 2      | ODOUR CONTROL UPGRADES - PHAS<br>CONSTR               | SE1 CW | S2         | 02   | 15,000 | 15,000 | 5,205      | 0          | 0        | 35,205             | 0                  | 35,205             | 0                                     | 0                  | 2,833                  | 0          | 32,372           | 0                          |         | 0 0      | 0                            | 0 35,205             |
| 0 20     | ODOUR CONTROL UPGRADES - PHAS<br>ENG-2017 SC          | SE1 CW | <b>S</b> 3 | 04   | 476    | -400   | -477       | 339        | 1        | -61                | 0                  | -61                | o                                     | 0                  | -6                     | 0          | -55              | 0                          |         | 0 0      | 0                            | 0 -61                |
| 0 21     | ODOUR CONTROL UPGRADES - PHAS<br>CONSTR- 2017 SC      | SE1 CW | <b>S</b> 3 | 02   | -1,999 | -7,000 | 1,000      | 6,117      | 0        | -1,882             | 0                  | -1,882             | o                                     | 0                  | -152                   | 0          | -1,730           | 0                          |         | 0 0      | 0                            | 0 -1,882             |
|          | Sub-total   |        |            |      | 14,001 | 8,620  | 6,645      | 6,556      | 6        | 35,828             | 0                  | 35,828             | 0                                     | 0                  | 2,881                  | 0          | 32,947           | 0                          |         | 0 0      | 0                            | 0 35,828             |
| WAS90648 | 6 ASHBRIDGES BAY T.P III YR2004                       |        |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |                              |                      |
| 0 3      | PCS-PLANT SRVS  | CW     | S2         | 04   | 30     | 0      | 0          | 0          | 0        | 30                 | 0                  | 30                 | o                                     | 0                  | 2                      | 0          | 28               | 0                          |         | 0 0      | 0                            | 0 30                 |
| 0 48     | PCS-PLANT SRVS- 2017 SC                               | CW     | S3         | 04   | 10     | 177    | 0          | 0          | 0        | 187                | 0                  | 187                | o                                     | 0                  | 15                     | 0          | 172              | 0                          |         | 0 0      | 0                            | 0 187                |
|          | Sub-total   |        |            |      | 40     | 177    | 0          | 0          | 0        | 217                | 0                  | 217                | 0                                     | 0                  | 17                     | 0          | 200              | 0                          |         | 0 0      | 0                            | 0 217                |
| WAS90648 | 7 HIGHLAND CREEK T.P IV YR2004                        |        |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |                              |                      |
| 0 22     | PCS PLANT SERVICES                                    | CW     | S4         | 04   | 1      | 0      | 0          | 0          | 0        | 1                  | 0                  | 1                  | 0                                     | 0                  | 0                      | 0          | 1                | 0                          |         | 0 0      | 0                            | 0                    |
|          | Sub-total   |        |            |      | 1      | 0      | 0          | 0          | 0        | 1                  | 0                  | 1                  | 0                                     | 0                  | 0                      | 0          | 1                | 0                          |         | ) ()     | 0                            | 0 1                  |
| WAS90648 | 8 HUMBER T.P II YR2004                                |        |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |                              |                      |
| 0 2      | PCS PLANT SERVICES                                    | CW     | S2         | 04   | 2      | 0      | 0          | 0          | 0        | 2                  | 0                  | 2                  | 0                                     | 0                  | 0                      | 0          | 2                | 0                          |         | 0 0      | 0                            | 0 2                  |
| 0 24     | PCS PLANT SERVICES- 2017 SC                           | CW     | S3         | 04   | -1     | 8      | 0          | 0          | 0        | 7                  | 0                  | 7                  | o                                     | 0                  | 1                      | 0          | 6                | 0                          |         | 0 0      | 0                            | 0                    |
|          | Sub-total   |        |            |      | 1      | 8      | 0          | 0          | 0        | 9                  | 0                  | 9                  | 0                                     | 0                  | 1                      | 0          | 8                | 0                          |         | 0 0      | 0                            | 0 9                  |
| WAS90649 | 2 WET WEATHER FLOW MP                                 |        |            |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |                              |                      |
| 0 1      | SWM INA/EA  | CW     | S2         | 04   | 650    | 350    | 50         | 0          | 0        | 1,050              | 0                  | 1,050              | o                                     | 0                  | 84                     | 0          | 966              | 0                          |         | 0 0      | 0                            | 0 1,050              |
| 0 2      | PUBLIC EDUCATION                                      | CW     | S2         | 04   | 550    | 0      | 0          | 0          | 0        | 550                | 0                  | 550                | o                                     | 0                  | 44                     | 0          | 506              | 0                          |         | 0 0      | 0                            | 0 550                |
| 0 14     | WWFMP IMPLEMENTATION - DESIGN                         | CW     | S2         | 04   | 1,570  | 1,450  | 0          | 0          | 0        | 3,020              | 0                  | 3,020              | 0                                     | 0                  | 244                    | 0          | 2,776            | 0                          |         | 0 0      | 0                            | 0 3,020              |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|              | -   |      |       |          | ·           |                |            |             |             |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |            |     |                   |                    |
|--------------|---|------|-------|----------|-------------|----------------|------------|-------------|-------------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|------------|-----|-------------------|--------------------|
|              |   |      |       |          |             | Curre          | ent and Fu | iture Year  | Cash Flo    | w Commitm          | nents              |                    |                                       | Cur                | rent and Fu            | uture Year | Cash Flo         | w Comm                     | itments | Financed   | Ву  |                   |                    |
|              | roject No. <u>Project Name</u><br>ubProj No. Sub-project Name   | Ward | Stat. | Cat.     | 2017        | 2018           | 2019       | 2020        | 2021        | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2     | Rec | ebt -<br>overable | Total<br>Financing |
|              | 92 WET WEATHER FLOW MP  |      |       |          |             |                |            |             |             |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |            |     |                   |                    |
| 0 58         | SWM CONVEYANCE 2015   | CW   | S2    | 04       | 685         | 0              | 0          | 0           | 0           | 685                | 0                  | 685                | о                                     | 0                  | 55                     | 0          | 630              | 0                          |         | ) 0        | 0   | 0                 | 685                |
| 0 59         | STORM WATER POND ASSESSMENT &<br>CLEANING                       | CW   | S2    | 03       | 3,975       | 4,800          | 4,800      | 2,000       | 0           | 15,575             | 0                  | 15,575             | 0                                     | 0                  | 0                      | 0          | 15,575           | 0                          |         | 0 0        | 0   | 0                 | 15,575             |
| 0 60         | ASHBRIDGES BAY LANDFORMS  | CW   | S2    | 04       | 5,045       | 5,000          | 5,000      | 5,000       | 5,000       | 25,045             | 7,950              | 32,995             | 0                                     | 0                  | 0                      | 0          | 32,995           | 0                          |         | 0 0        | 0   | 0                 | 32,995             |
| 0 76         | SWM CONVEYANCE 2016   | CW   | S2    | 04       | 2,303       | 245            | 0          | 0           | 0           | 2,548              | 0                  | 2,548              | 0                                     | 0                  | 205                    | 0          | 2,343            | 0                          |         | ) 0        | 0   | 0                 | 2,548              |
| 0 82         | STORM WATER POND ASSESSMENT &<br>CLEANING-2017 SC               | CW   | S3    | 03       | -3,550      | -2,987         | -2,400     | 2,800       | 4,300       | -1,837             | 3,500              | 1,663              | 0                                     | 0                  | 0                      | 0          | 1,663            | 0                          |         | 0 0        | 0   | 0                 | 1,663              |
| 0 83         | ASHBRIDGES BAY LANDFORMS-2017 SC                                | CW   | S3    | 04       | -4,545      | 0              | 0          | 0           | 0           | -4,545             | 4,550              | 5                  | 0                                     | 0                  | 0                      | 0          | 5                | 0                          |         | ) 0        | 0   | 0                 | 5                  |
| 0 84         | SWM CONVEYANCE 2017   | CW   |       | 04       | 3,460       | 2,172          | 1,010      | 0           | 0           | 6,642              | 0                  | 6,642              | 0                                     |                    |                        | 0          | 6,107            | 0                          |         |            | 0   | 0                 | 6,642              |
| 0 85         | HUMBER DEFLECTOR LANDFORM<br>FEASIBILITY STUDY                  | CW   |       | 04       | 200         | 0              | 0          | 0           | 0           | 200                | 0                  | 200                | 0                                     |                    |                        |            | 184              | 0                          |         | ) 0        | 0   | 0                 | 200                |
| 0 86         | GREEN STREETS   | CW   | S4    | 04       | 333         | 568            | 403        | 170         | 0           | 1,474              | 0                  | 1,474              | 0                                     | 0                  | 119                    | 0          | 1,355            | 0                          |         | ) 0        | 0   | 0                 | 1,474              |
| 0 92         | WWFMP IMPLEMENTATION - DESIGN - 2017 SC                         | CW   | S3    | 04       | -872        | -712           | 1,400      | 1,450       | 0           | 1,266              | 0                  | 1,266              | 0                                     | 0                  | 101                    | 0          | 1,165            | 0                          |         | ) 0        | 0   | 0                 | 1,266              |
| 0 93         | SWM INA/EA- 2017 SC   | CW   | S3    | 04       | -282        | 100            | 275        | 0           | 0           | 93                 | 0                  | 93                 | 0                                     | 0                  | 8                      | 0          | 85               | 0                          |         | ) 0        | 0   | 0                 | 93                 |
| 0 94         | PUBLIC EDUCATION- 2017 SC                                       | CW   | S3    | 04       | 60          | 610            | 0          | 0           | 0           | 670                | 0                  | 670                | 0                                     | 0                  | 54                     | 0          | 616              | 0                          |         | ) 0        | 0   | 0                 | 670                |
| 0 95         | SWM CONVEYANCE 2015- 2017 SC                                    | CW   |       | 04       | -434        | 200            | 0          | 0           | 0           | -234               | 0                  | -234               | 0                                     | -                  |                        |            | -215             | 0                          |         | ) 0        | 0   | 0                 | -234               |
| 0 96         | SWM CONVEYANCE 2016- 2017 SC                                    | CW   |       | 04       | -2,303      | -245           | 0          | 0           | 0           | -2,548             | 0                  | -2,548             | 0                                     |                    |                        |            | -2,343           | 0                          |         | ) 0        | 0   | 0                 | -2,548             |
| 0 97         | WATERFRONT MODELLING STUDIES                                    | CW   | S4    | 05       | 25<br>6,870 | 100            | 100        | 100         | 9,400       | 425<br>50,079      | 75<br>16,075       | 500<br>66,154      | 0                                     | -                  |                        |            | 460<br>64,873    | 0                          |         | ) 0<br>) 0 | 0   | 0                 | 500<br>66,154      |
|              |   |      |       |          | 0,010       | ,              | 10,000     | ,020        | 0,100       | 00,010             | 10,010             | 00,101             |                                       |                    | 1,201                  |            | 0 1,07 0         |                            |         |            |     |                   |                    |
| WAS90649     | 95 SEWER ASSET PLANNING   |      |       |          |             |                |            |             |             |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |            |     |                   | 1                  |
| 05           | SEWER ASSET PLANNING  | CW   | S2    | 03       | 5,016       | 4,100          | 4,090      | 255         | 0           | 13,461             | 0                  | 13,461             | 0                                     | 0                  | 1,083                  | 0          | 12,378           | 0                          |         | ) 0        | 0   | 0                 | 13,461             |
| 0 7          | SEWER SYSTEM INSPECTION   | CW   |       | 03       | 8,978       | 10,741         | 12,000     | 11,000      | 5,495       | 48,214             | 0                  | 48,214             | 0                                     |                    |                        | 0          | 48,214           | 0                          |         | ) 0        | 0   | 0                 | 48,214             |
| 0 21         | PPD - INFRASTRUCTURE PLANNING<br>STUDIES                        | CW   |       | 05       | 225         | 0              | 0          | 0           | 0           | 225                | 0                  | 225                | 0                                     | -                  | -                      | 0          | 225              | 0                          |         |            | 0   | 0                 | 225                |
| 0 31<br>0 32 | SEWER ASSET PLANNING-2017 SC<br>SEWER SYSTEM INSPECTION-2017 SC | cw   |       | 03<br>03 | 349<br>293  | 3,575<br>9,541 | 2,994      | 0<br>-1,000 | 0<br>-5,495 | 6,918<br>-916      | 0                  | 6,918<br>-916      | 0                                     |                    |                        |            | 6,360<br>-916    | 0                          |         | ) 0<br>) 0 | 0   | 0                 | 6,918<br>-916      |
|              |   |      |       |          |             |                |            |             |             |                    | -                  |                    |                                       | -                  | -                      |            |                  |                            |         | -          | -   | 0                 |                    |
| 0 33         | PPD - INFRASTRUCTURE PLANNING<br>STUDIES- 2017 SC               | CW   | S3    | 05       | -75         | 150            | 0          | 0           | 0           | 75                 | 0                  | 75                 | 0                                     | 0                  | 0                      | 0          | 75               | 0                          |         | ) 0        | 0   | 0                 | 75                 |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| Promotivation       Sub-program       Ward Star Lea       2017       2018       2018       2018       2012       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-200       2017-200       2012-200       2017-200       2012-2002       2017-200       2012-2002       2017-200       2012-200       2017-200 <th></th> <th></th> <th></th> <th></th> <th>1</th> <th>· · · · · · · · · · · · · · · · · · ·</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>I</th> <th></th>  |           |                             |      |            | 1    | · · · · · · · · · · · · · · · · · · · |        |            |            |          |           |         | I       |                                       |                      |                        |            |                  |        |         |         |     |             |                    |
|--|-----------|-----------------------------|------|------------|------|---------------------------------------|--------|------------|------------|----------|-----------|---------|---------|---------------------------------------|----------------------|------------------------|------------|------------------|--------|---------|---------|-----|-------------|--------------------|
| Bub       Projet MAB   |           |                             |      |            |      | ,                                     | Curre  | ent and Fu | uture Year | Cash Flo | w Commitm | nents   |         |                                       | Curi                 | rent and F             | uture Year | Cash Flo         | w Comm | itments | Finance | зBy |             |                    |
| NUMBER       Same and and any and any and any  |           |                             | Ward | Stat.      | Cat. | 2017                                  | 2018   | 2019       | 2020       | 2021     |           |         |         | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | from   | Other 1 | Other2  |     | Recoverable | Total<br>Financing |
| Image: series in the |           |                             |      |            |      |                                       |        |            |            |          |           |         |         | Cabolaloo                             |                      |                        |            |                  |        |         |         |     |             |                    |
| Normal Proprietation         Image: constraint of the server con         | 0 34      | CORP IT - IDC               | CW   | S4         | 04   | 147                                   | 0      | 0          | 0          | 0        | 147       | 0       | 147     | 0                                     | 0                    | 0                      | 0          | 147              | 0      |         | 0 (     | )   | 0 0         | ) 147              |
| 0       5       NUM SERVERS       CW 52 05       500         |           | Sub-total                   |      |            |      | 14,933                                | 28,107 | 14,829     | 10,255     | 0        | 68,124    | 0       | 68,124  | 0                                     | 0                    | 1,641                  | 0          | 66,483           | 0      |         | 0       | 0   | 0 0         | 68,124             |
| 3       3       WATERFRONT SANTARY MAMP       CW       S2       6       0<   | VAS906500 | NEW SEWER CONSTRUCTION      |      |            |      |                                       |        |            |            |          |           |         |         |                                       |                      |                        |            |                  |        |         |         |     |             |                    |
| SERVICING FLAM MP         SERVICING FLAM MP         CW S2         6         1         6         0         0         7.985         0         7.985         0         7.995         0        0         0 <th0< td=""><td>0 5</td><td>NEW SEWERS</td><td>CW</td><td>S2</td><td>05</td><td>506</td><td>0</td><td>0</td><td>0</td><td>0</td><td>506</td><td>0</td><td>506</td><td>0</td><td>0</td><td>315</td><td>0</td><td>191</td><td>0</td><td></td><td>0 (</td><td>)</td><td>0 0</td><td>506</td></th0<>  | 0 5       | NEW SEWERS                  | CW   | S2         | 05   | 506                                   | 0      | 0          | 0          | 0        | 506       | 0       | 506     | 0                                     | 0                    | 315                    | 0          | 191              | 0      |         | 0 (     | )   | 0 0         | 506                |
| UPCRADES       UPCRAES       UPCRAES       UPCRAES       UP  | 0 24      |                             | CW   | S2         | 05   | 0                                     | 0      | 0          | 0          | 8,000    | 8,000     | 32,000  | 40,000  | 0                                     | 0                    | 20,000                 | 0          | 20,000           | 0      |         | 0 (     | )   | 0 0         | 40,000             |
| SERVICING PLANAPORT SC       SUBJECT SC       GM       GM <thgm< th="">       GM       <thgm< th=""></thgm<></thgm<>   | 0 25      |                             | CW   | S2         | 05   | 1,495                                 | 2,000  | 4,500      | 0          | 0        | 7,995     | 0       | 7,995   | 0                                     | 0                    | 7,995                  | 0          | 0                | 0      |         | 0 (     | )   | 0 0         | 7,995              |
| 0       35       DOWNSVIEW LANDS EXTENNAL<br>UPGRADES: 2017 SC.<br>Sub-total       CW       S3       0       4-5       3,000       -2,950       0       0       5       0       0       5       0       0       5       0  | 0 31      |                             | CW   | S3         | 05   | 500                                   | 2,000  | 5,000      | 5,000      | -8,000   | 4,500     | -32,000 | -27,500 | 0                                     | 0                    | -13,750                | 0          | -13,750          | 0      |         | 0 (     | )   | 0 0         | -27,500            |
| UPRADES-2017 SC         Image: control or con         | 0 33      | NEW SEWERS- 2017 SC         | CW   | S3         | 05   | -491                                  | 560    | 0          | 0          | 0        | 69        | 0       | 69      | 0                                     | 0                    | 42                     | 0          | 27               | 0      |         | 0 (     | )   | 0 0         | 69                 |
| WASS06501       YARD & BUILDING RENOVATION       CW       S2       04       2       2       0       0       0       4       0  | 0 35      |                             | CW   | S3         | 05   | -45                                   | 3,000  | -2,950     | 0          | 0        | 5         | 0       | 5       | 0                                     | 0                    | 5                      | 0          | 0                | 0      |         | 0 (     | )   | 0 0         | 5                  |
| 0       11       YARDS & BUILDING RENOVATION       CW       S2       04       2       2       0       0       0       4       0  |           | Sub-total                   |      |            |      | 1,965                                 | 7,560  | 6,550      | 5,000      | 0        | 21,075    | 0       | 21,075  | 0                                     | 0                    | 14,607                 | 0          | 6,468            | 0      |         | 0       | 0   | 0 C         | 21,075             |
| Sub-total       C <thc< th="">       C       <thc< th=""> <thc< t<="" td=""><td>VAS906501</td><td>YARD &amp; BUILDING RENOVATION</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thc<></thc<></thc<>   | VAS906501 | YARD & BUILDING RENOVATION  |      |            |      |                                       |        |            |            |          |           |         |         |                                       |                      |                        |            |                  |        |         |         |     |             |                    |
| WAS906735         DIST SEWER REHAB OPS YR2005         Image: constrained operators in the set of the set operators in the set operator in the set operators in the set operators in the set operators in the set operators in the set operator in the set operators in the set operator in the set operatory in the set operatory index and the set operatori                  | 0 11      | YARDS & BUILDING RENOVATION | CW   | S2         | 04   | 2                                     | 2      | 0          | 0          | 0        | 4         | 0       | 4       | 0                                     | 0                    | 0                      | 0          | 4                | 0      |         | 0 0     | )   | 0 0         | 4                  |
| 0       10       GROUP 1 SEWAGE PUMPING STATION       CW       S2       0.3       6       0       0       0       0       6       0  |           | Sub-total                   |      |            |      | 2                                     | 2      | 0          | 0          | 0        | 4         | 0       | 4       | 0                                     | 0                    | 0                      | 0          | 4                | 0      |         | 0       | 0   | 0 0         | ) 4                |
| UPGRADES       UPGRADES <th< td=""><td>VAS906735</td><td>DIST SEWER REHAB OPS YR2005</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>  | VAS906735 | DIST SEWER REHAB OPS YR2005 |      |            |      |                                       |        |            |            |          |           |         |         |                                       |                      |                        |            |                  |        |         |         |     |             |                    |
| UPGRADES - 2017 SC       Sub-total       3       12       69       0       0       84       0       0       7       0       77       0       <   | 0 10      |                             | CW   | S2         | 03   | 6                                     | 0      | 0          | 0          | 0        | 6         | 0       | 6       | 0                                     | 0                    | 0                      | 0          | 6                | 0      |         | 0 0     | )   | 0 0         | 6                  |
| WAS906741       HIGHLAND CREEK TP YR2005       Image: Constrained by the constratined by the constrained by the constrained by the cons                          | 0 18      |                             | CW   | S3         | 03   | -3                                    | 12     | 69         | 0          | 0        | 78        | 0       | 78      | 0                                     | 0                    | 7                      | 0          | 71               | 0      |         | 0 (     | )   | 0 0         | 78                 |
| 0       1       WAS THICKENING AND DEWATERING - CW S2 03       40       6       0       0       0       46       0       46       0       0       3       0       43       0       0       0       0       0       0       1       0       0       3       0       43       0 <td< td=""><td></td><td>Sub-total</td><td></td><td></td><td></td><td>3</td><td>12</td><td>69</td><td>0</td><td>0</td><td>84</td><td>0</td><td>84</td><td>0</td><td>0</td><td>7</td><td>0</td><td>77</td><td>0</td><td></td><td>0</td><td>Э</td><td>0 0</td><td>84</td></td<>   |           | Sub-total                   |      |            |      | 3                                     | 12     | 69         | 0          | 0        | 84        | 0       | 84      | 0                                     | 0                    | 7                      | 0          | 77               | 0      |         | 0       | Э   | 0 0         | 84                 |
| ENG       Name       Nam       Name       Name       <   | VAS906741 | HIGHLAND CREEK TP YR2005    |      |            |      |                                       |        |            |            |          |           |         |         |                                       |                      |                        |            |                  |        |         |         |     |             |                    |
| ENG- 2017 SC       Sub-total       Image: Constrained by the second seco                          | 0 1       |                             | CW   | S2         | 03   | 40                                    | 6      | 0          | 0          | 0        | 46        | 0       | 46      | 0                                     | 0                    | 3                      | 0          | 43               | 0      |         | 0 (     | )   | 0 0         | 46                 |
| WAS906742       HUMBER TP YR2005       Image: Constrained by the second                           | 0 19      |                             | CW   | <b>S</b> 3 | 03   | -27                                   | 4      | 0          | 0          | 0        | -23       | 0       | -23     | 0                                     | 0                    | -1                     | 0          | -22              | 0      |         | 0 (     | )   | 0 0         | -23                |
| 0       8       ODOUR CONTROL ENGINEERING       CW       S2       04       1,275       100       60       0       1,435       0       0       0       1,435       0       0       0       1,435       0       0       0       1,435       0       0       0       1,435       0       0       0       1,435       0       0       0       1,435       0       0       0       1,435       0  |           | Sub-total                   |      |            |      | 13                                    | 10     | 0          | 0          | 0        | 23        | 0       | 23      | 0                                     | 0                    | 2                      | 0          | 21               | 0      |         | 0       | Э   | 0 0         | 23                 |
| 0 56 ODOUR CONTROL ENGINEERING-2017 CW S3 04 -74 410 540 100 20 996 0 996 0 0 0 0 0 996 0 0 0 0 0 0  | VAS906742 | HUMBER TP YR2005            |      |            |      |                                       |        |            |            |          |           |         |         |                                       |                      |                        |            |                  |        |         |         |     |             |                    |
|  | 0 8       | ODOUR CONTROL ENGINEERING   | CW   | S2         | 04   | 1,275                                 | 100    | 60         | 0          | 0        | 1,435     | 0       | 1,435   | 0                                     | 0                    | 0                      | 0          | 1,435            | 0      |         | 0 (     | )   | 0 0         | 1,435              |
|  | 0 56      |                             | CW   | S3         | 04   | -74                                   | 410    | 540        | 100        | 20       | 996       | 0       | 996     | 0                                     | 0                    | 0                      | 0          | 996              | 0      |         | 0 0     | )   | 0 0         | 996                |
| Sub-total         1,201         510         600         100         20         2,431         0         0         0         0         2,431         0   |           | Sub-total                   |      |            |      | 1,201                                 | 510    | 600        | 100        | 20       | 2,431     | 0       | 2,431   | 0                                     | 0                    | 0                      | 0          | 2,431            | 0      |         | 0       | D   | 0 C         | 2,431              |
| WAS906743 ASHRIDGES BAY TP YR2005  | VAS906743 | ASHRIDGES BAY TP YR2005     |      |            |      |                                       |        |            |            |          |           |         |         |                                       |                      |                        |            |                  |        |         |         |     |             |                    |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                    |        |  |       |       |      |        | -     |           |            |          |                    |                    |                    | (                                     |                 |                        |                  |          |                          |         |          |                        |      |                    |
|--------------------|--------|--|-------|-------|------|--------|-------|-----------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|-----------------|------------------------|------------------|----------|--------------------------|---------|----------|------------------------|------|--------------------|
|                    |        |  |       |       |      |        | Curr  | ent and F | uture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cur             | rent and F             | uture Year Ca    | ash Flow | Comm                     | itments | Financed | ,                      |      |                    |
| <u>Sub</u><br>Pric |        | <u>ject No. Project Name</u><br>pProj No. Sub-project Name | Ward  | Stat. | Cat. | 2017   | 2018  | 2019      | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal Subsidy | Development<br>Charges | Re<br>Reserves F |          | apital<br>from<br>urrent | Other 1 | Other2   | Debt<br>Recove<br>Debt | able | Total<br>Financing |
| WAS                | 906743 | ASHRIDGES BAY TP YR2005                                    |       |       |      |        |       |           |            |          |                    |                    |                    |                                       |                 |                        |                  |          |                          |         |          |                        |      |                    |
| 0                  | 1      | MISC MECH ENGINEERING                                      | CW    | S2    | 03   | 786    | 838   | 87        | 0          | 0        | 1,711              | 0                  | 1,711              | C                                     | 0 0             | 138                    | 0                | 1,573    | 0                        | ) (     | 0 0      | 0                      | 0    | 1,711              |
| 0                  | 7      | SERVICE AIR UPGRADES                                       | CW    | S2    | 03   | 2,885  | 1,497 | 150       | 0          | 0        | 4,532              | 0                  | 4,532              | с                                     | 0 0             | 0                      | 0                | 4,532    | 0                        | ) (     | 0 0      | 0                      | 0    | 4,532              |
| 0                  | 59     | MISC MECH ENGINEERING- 2017 SC                             | CW    | S3    | 03   | -386   | -438  | 395       | 80         | 0        | -349               | 0                  | -349               | с                                     | 0 0             | -29                    | 0                | -320     | 0                        | ) (     | 0 0      | 0                      | 0    | -349               |
| 0                  | 60     | SERVICE AIR UPGRADES- 2017 SC                              | CW    | S3    | 03   | -1,785 | 949   | -75       | 0          | 0        | -911               | 0                  | -911               | C                                     | 0 0             | 0                      | 0                | -911     | 0                        | ) (     | 0 0      | 0                      | 0    | -911               |
|                    |        | Sub-total  |       |       |      | 1,500  | 2,846 | 557       | 80         | 0        | 4,983              | 0                  | 4,983              | 0                                     | 0               | 109                    | 0                | 4,874    | 0                        | ) (     | 0 0      | 0                      | 0    | 4,983              |
| WAS                | 906755 | WESTERN BEACHES RETROFIT                                   |       |       |      |        |       |           |            |          |                    |                    |                    |                                       |                 |                        |                  |          |                          |         |          |                        |      |                    |
| 0                  | 1      | WESTERN BEACHES RETROFIT                                   | CW    | S2    | 03   | 4,709  | 3,092 | 1,057     | 15         | 86       | 8,959              | 0                  | 8,959              | C                                     | 0 0             | 721                    | 0                | 8,238    | 0                        | ) (     | 0 0      | 0                      | 0    | 8,959              |
| 0                  | 15     | WESTERN BEACHES RETROFIT- 2017 S                           | SC CW | S3    | 03   | -3,489 | 2,224 | 5,285     | 5,870      | -71      | 9,819              | 86                 | 9,905              | C                                     | 0 0             | 798                    | 0                | 9,107    | 0                        | ) (     | 0 0      | 0                      | 0    | 9,905              |
|                    |        | Sub-total  |       |       |      | 1,220  | 5,316 | 6,342     | 5,885      | 15       | 18,778             | 86                 | 18,864             | 0                                     | 0               | 1,519                  | 0                | 17,345   | 0                        | ) (     | 0 0      | 0                      | 0    | 18,864             |
| WAS                | 906926 | OPERATIONAL SUPPORT  |       |       |      |        |       |           |            |          |                    |                    |                    |                                       |                 |                        |                  |          |                          |         |          |                        |      |                    |
| 0                  | 6      | FACILITY RENOVATION  | CW    | S2    | 04   | 1,450  | 1,000 | 0         | 0          | 0        | 2,450              | 0                  | 2,450              | С                                     | 0 0             | 0                      | 0                | 2,450    | 0                        | ) (     | 0 0      | 0                      | 0    | 2,450              |
| 0                  | 7      | RENOVATION - MERTON STREET                                 | CW    | S2    | 04   | 5      | 0     | 0         | 0          | 0        | 5                  | 0                  | 5                  | C                                     | 0 0             | 0                      | 0                | 5        | 0                        | ) (     | 0 0      | 0                      | 0    | 5                  |
| 0                  | 23     | EMP MONITORING NEEDS                                       | CW    | S2    | 04   | 95     | 0     | 0         | 0          | 0        | 95                 | 0                  | 95                 | C                                     | 0 0             | 0                      | 0                | 95       | 0                        | ) (     | 0 0      | 0                      | 0    | 95                 |
| 0                  | 40     | PCS UPGRADES FOR WASTEWATER<br>TREATMENT                   | CW    | S2    | 04   | 4,119  | 5,309 | 5,808     | 4,024      | 24       | 19,284             | 0                  | 19,284             | С                                     | 0 0             | 0                      | 0                | 19,284   | 0                        | ) (     | 0 0      | 0                      | 0    | 19,284             |
| 0                  | 98     | DESIGNATED SUBSTANCE ABATEMENT                             | CW    | S2    | 02   | 100    | 100   | 0         | 0          | 0        | 200                | 0                  | 200                | с                                     | 0 0             | 0                      | 0                | 200      | 0                        | ) (     | 0 0      | 0                      | 0    | 200                |
| 0                  | 100    | DIVISIONAL SECURITY  | CW    | S2    | 04   | 1,025  | 0     | 0         | 0          | 0        | 1,025              | 0                  | 1,025              | C                                     | 0 0             | 0                      | 0                | 1,025    | 0                        | ) (     | 0 0      | 0                      | 0    | 1,025              |
| 0                  | 105    | BACKUP POWER - FINCH AND DEE                               | CW    | S4    | 04   | 500    | 0     | 0         | 0          | 0        | 500                | 0                  | 500                | C                                     | 0 0             | 0                      | 0                | 500      | 0                        | ) (     | 0 0      | 0                      | 0    | 500                |
| 0                  | 107    | OFFICE MODERNIZATION - MH18                                | CW    | S4    | 04   | 625    | 1,875 | 0         | 0          | 0        | 2,500              | 0                  | 2,500              | C                                     | 0 0             | 0                      | 0                | 2,500    | 0                        | ) (     | 0 0      | 0                      | 0    | 2,500              |
| 0                  | 108    | DIVISIONAL SECURITY- 2017 SC                               | CW    | S3    | 04   | 0      | 1,030 | 0         | 0          | 0        | 1,030              | 0                  | 1,030              | С                                     | 0 0             | 0                      | 0                | 1,030    | 0                        | ) (     | 0 0      | 0                      | 0    | 1,030              |
| 0                  | 109    | FACILITY RENOVATION- 2017 SC                               | CW    | S3    | 04   | -700   | -250  | 750       | 0          | 0        | -200               | 0                  | -200               | С                                     | 0 0             | 0                      | 0                | -200     | 0                        | ) (     | 0 0      | 0                      | 0    | -200               |
| 0                  | 110    | RENOVATION - MERTON STREET- 2017<br>SC                     | CW    | S3    | 04   | 0      | 20    | 0         | 0          | 0        | 20                 | 0                  | 20                 | С                                     | 0 0             | 0                      | 0                | 20       | 0                        | ) (     | 0 0      | 0                      | 0    | 20                 |
| 0                  | 111    | DESIGNATED SUBSTANCE ABATEMENT<br>2017 SC                  | CW    | S3    | 02   | -100   | -100  | 0         | 0          | 0        | -200               | 0                  | -200               | С                                     | 0 0             | 0                      | 0                | -200     | 0                        | ) (     | 0 0      | 0                      | 0    | -200               |
| 0                  | 112    | EMP MONITORING NEEDS- 2017 SC                              | CW    | S3    | 04   | -45    | 50    | 0         | 0          | 0        | 5                  | 0                  | 5                  | С                                     | 0 0             | 0                      | 0                | 5        | 0                        | ) (     | 0 0      | 0                      | 0    | 5                  |
| 0                  | 113    | PCS UPGRADES FOR WASTEWATER<br>TREATMENT- 2017 SC          | CW    | S3    | 04   | 91     | 203   | -793      | 725        | 27       | 253                | 0                  | 253                | C                                     | 0 0             | 0                      | 0                | 253      | 0                        | ) (     | 0 0      | 0                      | 0    | 253                |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

| L                |         | U U   |             |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |      |                             |                    |
|------------------|---------|---|-------------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|----------|------|-----------------------------|--------------------|
|                  |         |   |             |       |      |        | Curr   | ent and Fu | uture Year | Cash Flo | w Commitr          | nents              |                    |                                       | Cur                | rrent and F            | uture Year | Cash Flo         | w Comm                     | itments | Financeo | d By |                             |                    |
| <u>Su</u><br>Pri |         | <u>oject No. Project Name</u><br>bProj No. Sub-project Name | Ward        | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   |      | Debt -<br>Recoverable<br>ot | Total<br>Financing |
| WA               | S906926 | OPERATIONAL SUPPORT   |             |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |      |                             |                    |
| 0                | 114     | DISTRICT OPERATIONS FACILITY<br>UPGRADES                    | CW          | S4    | 04   | 250    | 250    | 1,000      | 2,000      | 400      | 3,900              | 0                  | 3,900              | C                                     | 0                  | 0 0                    | 0          | 3,900            | 0                          |         | ) (      | )    | 0 0                         | 3,900              |
|                  |         | Sub-total   |             |       |      | 7,415  | 9,487  | 6,765      | 6,749      | 451      | 30,867             | 0                  | 30,867             | 0                                     | 0                  | 0 0                    | 0          | 30,867           | 0                          |         | ) (      | D    | 0 0                         | 30,867             |
| WA               | S906958 | SEWER SYSTEM REHABILITATION                                 |             |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |      |                             | 1                  |
| 0                | 2       | GROUPS 2, 3 & 4 SEWAGE PUMPING<br>STATION UPGRADES          | CW          | S2    | 03   | 10     | 0      | 0          | 0          | 0        | 10                 | 0                  | 10                 | C                                     | 0                  | ) 1                    | 0          | 9                | 0                          |         | ) (      | )    | 0 0                         | 10                 |
| 0                | 5       | CCTV INSPECTION   | CW          | S2    | 03   | 59     | 0      | 0          | 0          | 0        | 59                 | 0                  | 59                 | o                                     | 0                  | 0 0                    | 0          | 59               | 0                          |         | ) (      | )    | 0 0                         | 59                 |
| 0                | 8       | SPS SCADA UPGRADES - ENGINEERING                            | G CW        | S2    | 04   | 561    | 0      | 0          | 0          | 0        | 561                | 0                  | 561                | O                                     | 0                  | ) 45                   | 0          | 516              | 0                          |         | ) (      | )    | 0 0                         | 561                |
| 0                | 9       | SEWER REHABILITATION  | CW          | S2    | 03   | 9,700  | 3,581  | 0          | 0          | 0        | 13,281             | 0                  | 13,281             | o                                     | 0                  | 0 0                    | 0          | 13,281           | 0                          |         | ) (      | )    | 0 0                         | 13,281             |
| 0                | 23      | SEWAGE PUMPING STATION STANDBY POWER                        | CW          | S2    | 02   | 163    | 0      | 0          | 0          | 0        | 163                | 0                  | 163                | o                                     | 0                  | 13                     | 0          | 150              | 0                          |         | ) (      | )    | 0 0                         | 163                |
| 0                | 24      | GROUP 5 SEWAGE PUMPING STATION UPGRADES                     | CW          | S2    | 05   | 7,708  | 6,300  | 6,165      | 1,928      | 28       | 22,129             | 0                  | 22,129             | C                                     | 0                  | 1,781                  | 0          | 20,348           | 0                          |         | ) (      | )    | 0 0                         | 22,129             |
| 0                | 79      | SEWER REHABILITATION - CWD                                  | CW          | S2    | 03   | 34,274 | 15,250 | 0          | 0          | 0        | 49,524             | 0                  | 49,524             | O                                     | 0                  | 3,551                  | 0          | 45,973           | 0                          |         | ) (      | )    | 0 0                         | 49,524             |
| 0                | 81      | CCTV INSPECTION-2017 SC                                     | CW          | S3    | 03   | 1,141  | 1,200  | 0          | 0          | 0        | 2,341              | 0                  | 2,341              | C                                     | 0                  | 0 0                    | 0          | 2,341            | 0                          |         | ) (      | )    | 0 0                         | 2,341              |
| 0                | 82      | SEWER REHABILITATION-2017 SC                                | CW          | S3    | 03   | 14,453 | 12,580 | 6,036      | 36         | 0        | 33,105             | 0                  | 33,105             | C                                     | 0                  | 0 0                    | 0          | 33,105           | 0                          |         | ) (      | )    | 0 0                         | 33,105             |
| 0                | 83      | SEWER REHABILITATION - CWD-2017 S                           | c cw        | S3    | 03   | 4,258  | 23,711 | 18,200     | 1,700      | 1,700    | 49,569             | 1,850              | 51,419             | o                                     | 0                  | -3,551                 | 0          | 54,970           | 0                          |         | ) (      | )    | 0 0                         | 51,419             |
| 0                | 86      | SEWAGE PUMPING STATION STANDBY<br>POWER - 2017 SC           | CW          | S3    | 02   | -144   | 114    | 0          | 0          | 0        | -30                | 0                  | -30                | C                                     | 0                  | -2                     | 0          | -28              | 0                          |         | ) (      | )    | 0 0                         | -30                |
| 0                | 87      | GROUPS 2 3 4 SEWAGE PUMPING<br>STATION UPGR- 2017 SC        | CW          | S3    | 03   | 0      | 32     | 0          | 0          | 0        | 32                 | 0                  | 32                 | C                                     | 0                  | 3                      | 0          | 29               | 0                          |         | ) (      | )    | 0 0                         | 32                 |
| 0                | 88      | SPS SCADA UPGRADES - ENGINEERING<br>2017 SC                 | G- CW       | S3    | 04   | -173   | 214    | 0          | 0          | 0        | 41                 | 0                  | 41                 | o                                     | 0                  | ) 3                    | 0          | 38               | 0                          | . (     | ) (      | )    | 0 0                         | 41                 |
| 0                | 89      | GROUP 5 SEWAGE PUMPING STATION<br>UPGRADES- 2017 SC         | CW          | S3    | 05   | -4,308 | 0      | 100        | 2,000      | 2,100    | -108               | 0                  | -108               | 0                                     | 0                  | 9 -9                   | 0          | -99              | 0                          |         | ) (      | )    | 0 0                         | -108               |
|                  |         | Sub-total   |             |       |      | 67,702 | 62,982 | 30,501     | 5,664      | 3,828    | 170,677            | 1,850              | 172,527            | 0                                     | 0                  | 1,835                  | 0          | 170,692          | 0                          |         | ) (      | D    | 0 0                         | 172,527            |
| WA               | S906960 | ) STREAM RESTORATION & EROSION CO                           | <u>NTRC</u> |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |      |                             |                    |
| 0                | 1       | HIGHLAND CREEK STREAM<br>RESTORATION                        | CW          | S2    | 04   | 42     | 0      | 0          | 0          | 0        | 42                 | 0                  | 42                 | O                                     | 0                  | ) 3                    | 0          | 39               | 0                          |         | ) (      | )    | 0 0                         | 42                 |
| 0                | 7       | STREAM RESTORATION  | CW          | S2    | 03   | 7,871  | 3,860  | 2,730      | 300        | 50       | 14,811             | 0                  | 14,811             | C                                     | 0                  | 1,192                  | 0          | 13,619           | 0                          |         | ) (      | )    | 0 0                         | 14,811             |
| 0                | 39      | STREAM RESTORATION - PHASE 2                                | CW          | S2    | 03   | 2,850  | 8,350  | 8,800      | 4,400      | 2,200    | 26,600             | 9,790              | 36,390             | C                                     | 0                  | 2,927                  | 0          | 33,463           | 0                          |         | ) (      | )    | 0 0                         | 36,390             |
| 0                | 41      | WATERCOURSE - ENGINEERING                                   | CW          | S4    | 03   | 100    | 1,175  | 1,135      | 1,025      | 1,030    | 4,465              | 1,490              | 5,955              | C                                     | 0                  | 480                    | 0          | 5,475            | 0                          |         | ) (      | )    | 0 0                         | 5,955              |
| 0                | 43      | PARTNER PROJECTS  | CW          | S4    | 03   | 1,000  | 1,600  | 1,600      | 600        | 200      | 5,000              | 0                  | 5,000              | C                                     | 0                  | 403                    | 0          | 4,597            | 0                          |         | ) (      | )    | 0 0                         | 5,000              |
|                  |         |   |             |       |      |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |      |                             |                    |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|      |                    |   |              |         |        | Curr   | ont and Eu | turo Voar | Cash Eloy | v Commitn | nonte     |           | 1                       |         | ront and E  | uturo Voor ( | Cash Els | w Comm          | itmonto | Financad | Bu   |                    |           |
|------|--------------------|---|--------------|---------|--------|--------|------------|-----------|-----------|-----------|-----------|-----------|-------------------------|---------|-------------|--------------|----------|-----------------|---------|----------|------|--------------------|-----------|
|      |                    |   |              |         |        | Curr   | ent and Fu | ture rear | Cash Fio  | w commu   |           |           |                         | Cu      | rent and F  | uture Year ( | Cash Fic |                 | tments  | Financed |      |                    |           |
| Sub- | Project            | No. Project Name                              |              |         |        |        |            |           |           | Total     | Total     | Total     | Provincial              | Federal | Development | _ F          | Reserve  | Capital<br>from |         |          |      | )ebt -<br>overable | Total     |
|      | -                  | j No. Sub-project Name                        | Ward S       | tat. Ca | . 2017 | 2018   | 2019       | 2020      | 2021      | 2017-2021 | 2022-2026 | 2017-2026 | Grants and<br>Subsidies | Subsidy | Charges     | Reserves     | Funds    | Current         | Other 1 | Other2   | Debt |                    | Financing |
| WASS | 06960 ST           | REAM RESTORATION & EROSION CO                 | <u>ONTRC</u> |         |        |        |            |           |           |           |           |           |                         |         |             |              |          |                 |         |          |      |                    |           |
| 0    | 48 ST              | REAM RESTORATION - 2017 SC                    | CW           | S3 03   | -5,065 | -3,571 | -2,730     | -300      | -50       | -11,716   | 0         | -11,716   | 0                       | 0       | -943        | 0            | -10,773  | 0               | (       | 0 0      | 0    | 0                  | -11,716   |
| 0    | 49 ST<br>SC        | REAM RESTORATION - PHASE 2 - 20               | 017 CW       | S3 03   | -2,850 | -8,350 | -8,800     | -4,400    | -2,200    | -26,600   | -9,790    | -36,390   | 0                       | 0       | -2,927      | 0            | -33,463  | 0               | (       | 0 0      | 0    | 0                  | -36,390   |
| 0    |                    | GHLAND CREEK STREAM<br>STORATION- 2017 SC     | CW           | S3 04   | 3      | 0      | 0          | 0         | 0         | 3         | 0         | 3         | 0                       | 0       | 1           | 0            | 2        | 0               | (       | 0 0      | 0    | 0                  | 3         |
| 0    | 51 ST              | UDIES, EAs, MASTER PLANS                      | CW           | S4 03   | 910    | 1,740  | 1,930      | 860       | 410       | 5,850     | 50        | 5,900     | 0                       | 0       | 474         | 0            | 5,426    | 0               | (       | 0 0      | 0    | 0                  | 5,900     |
| 0    | 52 CR              | ITICAL REPAIRS                                | CW           | S4 03   | 825    | 1,775  | 1,500      | 1,275     | 1,575     | 6,950     | 2,555     | 9,505     | o                       | 0       | 766         | 0            | 8,739    | 0               | (       | 0 0      | 0    | 0                  | 9,505     |
| 0    | 53 EN              | ERGENCY EROSION CONTROL                       | CW           | S4 03   | 300    | 740    | 850        | 300       | 300       | 2,490     | 150       | 2,640     | 0                       | 0       | 212         | 0            | 2,428    | 0               | (       | 0 0      | 0    | 0                  | 2,640     |
|      |                    | Sub-total                                     |              |         | 5,986  | 7,319  | 7,015      | 4,060     | 3,515     | 27,895    | 4,245     | 32,140    | 0                       | 0       | 2,588       | 0            | 29,552   | 0               | (       | 0 0      | 0    | 0                  | 32,140    |
| WASS | 06966 <u>SW</u>    | M TRCA FUNDING                                |              |         |        |        |            |           |           |           |           |           |                         |         |             |              |          |                 |         |          |      |                    |           |
| 0    |                    | RONTO WATER TRANSFER TO TRC/<br>PITAL-2017 SC | A CW         | S3 04   | 4,275  | 0      | 0          | 0         | 0         | 4,275     | 0         | 4,275     | o                       | 0       | 344         | 0            | 3,931    | 0               | (       | 0 0      | 0    | 0                  | 4,275     |
|      |                    | Sub-total                                     |              |         | 4,275  | 0      | 0          | 0         | 0         | 4,275     | 0         | 4,275     | 0                       | 0       | 344         | 0            | 3,931    | 0               | (       | 0 0      | 0    | 0                  | 4,275     |
| WASS | 06968 EN           | GINEERING                                     |              |         |        |        |            |           |           |           |           |           |                         |         |             |              |          |                 |         |          |      |                    |           |
| 0    | 2 CC               | NSULTING FEES                                 | CW           | S2 03   | 13,978 | 9,453  | 6,307      | 5,554     | 1,313     | 36,605    | 0         | 36,605    | o                       | 0       | 0           | 0            | 36,605   | 0               | (       | 0 0      | 0    | 0                  | 36,605    |
| 0    | 59 RC              | AD RESTORATION                                | CW           | S2 03   | 1,838  | 0      | 0          | 0         | 0         | 1,838     | 0         | 1,838     | o                       | 0       | 0           | 0            | 1,838    | 0               | (       | 0 0      | 0    | 0                  | 1,838     |
| 0    | 64 CC              | NSULTING FEES                                 | CW           | S3 03   | -2,100 | 3,094  | 5,430      | 17        | 1,334     | 7,775     | 2,265     | 10,040    | o                       | 0       | 0           | 0            | 10,040   | 0               | (       | 0 0      | 0    | 0                  | 10,040    |
| 0    | 65 EC              | S SALARIES                                    | CW           | S3 03   | 13,936 | 0      | 0          | 0         | 0         | 13,936    | 0         | 13,936    | 0                       | 0       | 0           | 0            | 13,936   | 0               | (       | 0 0      | 0    | 0                  | 13,936    |
| 0    | 66 RC              | AD RESTORATION- 2017 SC                       | CW           | S3 03   | -1,038 | 800    | 0          | 0         | 0         | -238      | 0         | -238      | o                       | 0       | 0           | 0            | -238     | 0               | (       | 0 0      | 0    | 0                  | -238      |
|      |                    | Sub-total                                     |              |         | 26,614 | 13,347 | 11,737     | 5,571     | 2,647     | 59,916    | 2,265     | 62,181    | 0                       | 0       | 0           | 0            | 62,181   | 0               | (       | 0 0      | 0    | 0                  | 62,181    |
| WASS | 06973 <u>SE</u>    | WER REPLACEMENT PROGRAM                       |              |         |        |        |            |           |           |           |           |           |                         |         |             |              |          |                 |         |          |      |                    |           |
| 0    | 24 FO              | RCEMAIN REPLACEMENT                           | CW           | S2 03   | 10     | 0      | 0          | 0         | 0         | 10        | 0         | 10        | 0                       | 0       | 0           | 0            | 10       | 0               | (       | 0 0      | 0    | 0                  | 10        |
| 0    | 25 20 <sup>-</sup> | 2 SEWER REPLC                                 | CW           | S2 03   | 415    | 0      | 0          | 0         | 0         | 415       | 0         | 415       | o                       | 0       | 0           | 0            | 415      | 0               | (       | 0 0      | 0    | 0                  | 415       |
| 0    | 35 20 <sup>-</sup> | 3 SEWER REPLC                                 | CW           | S2 03   | 1      | 0      | 0          | 0         | 0         | 1         | 0         | 1         | 0                       | 0       | 0           | 0            | 1        | 0               | (       | 0 0      | 0    | 0                  | 1         |
| 0    | 36 SE              | WER REPLC - 2014 PROGRAM                      | CW           | S2 03   | 631    | 0      | 0          | 0         | 0         | 631       | 0         | 631       | o                       | 0       | 2           | 0            | 629      | 0               | (       | 0 0      | 0    | 0                  | 631       |
| 0    | 46 EB              | FREPORT                                       | CW           | S2 04   | 41     | 0      | 0          | 0         | 0         | 41        | 0         | 41        | o                       | 0       | 27          | 0            | 14       | 0               | (       | 0 0      | 0    | 0                  | 41        |
| 0    | 52 SE              | WER REPLACEMENT - METROLINX                   | CW           | S2 03   | 1,951  | 1,900  | 1,786      | 0         | 0         | 5,637     | 0         | 5,637     | o                       | 0       | 0           | 0            | 5,637    | 0               | (       | 0 0      | 0    | 0                  | 5,637     |
| 0    | 55 SE<br>SC        | WER REPLACEMENT - LESLIE ST 20                | 017 CW       | S3 03   | 147    | 0      | 0          | 0         | 0         | 147       | 0         | 147       | 0                       | 0       | 12          | 0            | 135      | 0               | (       | 0 0      | 0    | 0                  | 147       |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                    |        |  |       |       | ĺ    |        | Curr   | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Curi                 | ent and Fu            | uture Year Ca      | sh Flow Cor                      | nmitn | ments F | inanced | Ву                         |                        |
|--------------------|--------|--|-------|-------|------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|-----------------------|--------------------|----------------------------------|-------|---------|---------|----------------------------|------------------------|
| <u>Sub</u><br>Prio |        | ect No. <u>Project Name</u><br>Proj No. Sub-project Name | Ward  | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | evelopment<br>Charges | Res<br>Reserves Fu | Capit<br>serve from<br>nds Curre | ı     | Other 1 | Other2  | Debt -<br>Recovera<br>Debt | ole Total<br>Financing |
| WAS                | 906973 | SEWER REPLACEMENT PROGRAM                                |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                       |                    |                                  |       |         |         |                            |                        |
| 0                  | 62     | SEWER REPLC - 2015 PROGRAM                               | CW    | S2    | 03   | 1,511  | 182    | 0          | 0          | 0        | 1,693              | 0                  | 1,693              | o                                     | 0                    | 137                   | 0                  | 1,556                            | 0     | 0       | 0       | 0                          | 0 1,693                |
| 0                  | 71     | SEWER REPLC - 2016 PROGRAM                               | CW    | S2    | 03   | 10,222 | 4,610  | 0          | 0          | 0        | 14,832             | 0                  | 14,832             | C                                     | 0                    | 1,194                 | 0 1                | 3,638                            | 0     | 0       | 0       | 0                          | 0 14,832               |
| 0                  | 75     | FORCEMAIN REPLACEMENT - 2016                             | CW    | S2    | 03   | 3,475  | 10,000 | 9,900      | 50         | 50       | 23,475             | 0                  | 23,475             | C                                     | 0                    | 0                     | 0 2                | 3,475                            | 0     | 0       | 0       | 0                          | 0 23,475               |
| 0                  | 78     | SEWER REPLC - 2017 PROGRAM                               | CW    | S4    | 03   | 4,898  | 2,047  | 1,257      | 0          | 0        | 8,202              | 0                  | 8,202              | a                                     | 0                    | 660                   | 0                  | 7,542                            | 0     | 0       | 0       | 0                          | 0 8,202                |
| 0                  | 81     | SEWER REPLC - 2014 PROGRAM - 2017<br>SC                  | CW    | S3    | 03   | -607   | 335    | 0          | 0          | 0        | -272               | 0                  | -272               | a                                     | 0                    | 27                    | 0                  | -299                             | 0     | 0       | 0       | 0                          | 0 -272                 |
| 0                  | 82     | SEWER REPLACEMENT - METROLINX - 2017 SC                  | CW    | S3    | 03   | -1,759 | -1,708 | 175        | 1,916      | 1,916    | 540                | 0                  | 540                | C                                     | 0                    | 0                     | 0                  | 540                              | 0     | 0       | 0       | 0                          | 0 540                  |
| 0                  | 83     | FORCEMAIN REPLACEMENT- 2017 SC                           | CW    | S3    | 03   | -5     | 25     | 0          | 0          | 0        | 20                 | 0                  | 20                 | C                                     | 0                    | 0                     | 0                  | 20                               | 0     | 0       | 0       | 0                          | 0 20                   |
| 0                  | 84     | 2012 SEWER REPLC- 2017 SC                                | CW    | S3    | 03   | -393   | 100    | 0          | 0          | 0        | -293               | 0                  | -293               | C                                     | 0                    | 0                     | 0                  | -293                             | 0     | 0       | 0       | 0                          | 0 -293                 |
| 0                  | 85     | EBF REPORT- 2017 SC                                      | CW    | S3    | 04   | 959    | 0      | 0          | 0          | 0        | 959                | 0                  | 959                | C                                     | 0                    | 627                   | 0                  | 332                              | 0     | 0       | 0       | 0                          | 0 959                  |
| 0                  | 86     | EBF REPORT- 2017 SC                                      | CW    | S3    | 04   | 4,442  | 0      | 0          | 0          | 0        | 4,442              | 0                  | 4,442              | C                                     | 0                    | 2,905                 | 0                  | 1,537                            | 0     | 0       | 0       | 0                          | 0 4,442                |
| 0                  |        | SEWER REPLC - 2015 PROGRAM- 2017<br>SC                   | CW    | S3    | 03   | 314    | 505    | 0          | 0          | 0        | 819                | 0                  | 819                | a                                     | 0                    | 65                    | 0                  | 754                              | 0     | 0       | 0       | 0                          | 0 819                  |
| 0                  |        | SEWER REPLC - 2016 PROGRAM- 2017<br>SC                   | CW    | S3    | 03   | -4,021 | 4,788  | 0          | 0          | 0        | 767                | 0                  | 767                | C                                     | 0                    | 62                    | 0                  | 705                              | 0     | 0       | 0       | 0                          | 0 767                  |
| 0                  |        | FORCEMAIN REPLACEMENT - 2016- 201<br>SC                  | 17 CW | S3    | 03   | -3,100 | 900    | 1,000      | -25        | -25      | -1,250             | 0                  | -1,250             | o                                     | 0                    | 0                     | 0 -                | 1,250                            | 0     | 0       | 0       | 0                          | 0 -1,250               |
|                    |        | Sub-total  |       |       |      | 19,132 | 23,684 | 14,118     | 1,941      | 1,941    | 60,816             | 0                  | 60,816             | 0                                     | 0                    | 5,718                 | 0 5                | 5,098                            | 0     | 0       | 0       | 0                          | 0 60,816               |
| WAS                | 906980 | ASHBRIDGES BAY T.P. YR2006                               |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                       |                    |                                  |       |         |         |                            | 1                      |
| 0                  | 9      | DEWATERING EQUIPMENT UPGRADES                            | CW    | S2    | 03   | 1,248  | 0      | 0          | 0          | 0        | 1,248              | 0                  | 1,248              | C                                     | 0                    | 100                   | 0                  | 1,148                            | 0     | 0       | 0       | 0                          | 0 1,248                |
| 0                  | 42     | DEWATERING EQUIPMENT UPGRADES-<br>2017 SC                | - CW  | S3    | 03   | -1,248 | 0      | 0          | 0          | 0        | -1,248             | 0                  | -1,248             | C                                     | 0                    | -100                  | 0 -                | 1,148                            | 0     | 0       | 0       | 0                          | 0 -1,248               |
|                    |        | Sub-total  |       |       |      | 0      | 0      | 0          | 0          | 0        | 0                  | 0                  | 0                  | 0                                     | 0                    | 0                     | 0                  | 0                                | 0     | 0       | 0       | 0                          | 0 0                    |
| WAS                | 906981 | HIGHLAND CREEK WWTP UPGRADES                             |       |       |      |        |        |            |            |          |                    |                    |                    |                                       |                      |                       |                    |                                  |       |         |         |                            |                        |
| 0                  | 1      | PROCESS & FACILITY UPGRADE                               | CW    | S2    | 04   | 2,970  | 720    | 615        | 848        | 640      | 5,793              | 35                 | 5,828              | C                                     | 0                    | 0                     | 0                  | 5,828                            | 0     | 0       | 0       | 0                          | 0 5,828                |
| 0                  | 3      | BIOSOLIDS TREATMENT UPGRADES                             | CW    | S2    | 03   | 10,075 | 120    | 120        | 70         | 0        | 10,385             | 0                  | 10,385             | C                                     | 0                    | 842                   | 0                  | 9,543                            | 0     | 0       | 0       | 0                          | 0 10,385               |
| 0                  | 5      | TRANSFORMERS AND SWITCHGEAR                              | CW    | S2    | 05   | 510    | 500    | 0          | 0          | 0        | 1,010              | 0                  | 1,010              | C                                     | 0                    | 81                    | 0                  | 929                              | 0     | 0       | 0       | 0                          | 0 1,010                |
| 0                  | 7      | MECH & ELECTRICAL UPGRADE<br>ENGINEERING                 | CW    | S2    | 03   | 671    | 0      | 0          | 0          | 0        | 671                | 0                  | 671                | C                                     | 0                    | 0                     | 0                  | 671                              | 0     | 0       | 0       | 0                          | 0 671                  |
| 0                  | 8      | DIGESTER GAS SYSTEM UPGRADES                             | CW    | S2    | 03   | 9,238  | 2,525  | 1,300      | 0          | 0        | 13,063             | 0                  | 13,063             | C                                     | 0                    | 0                     | 0 1                | 3,063                            | 0     | 0       | 0       | 0                          | 0 13,063               |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                    |     |   |      |       |      |        | Curre  | ent and Fu | uture Year | Cash Flov | w Commitn          | nents              |                    |                                       | Cur                  | rent and Fut             | ture Year     | Cash Flo         | w Comm                     | itments | Financed | Ву                          |                      |
|--------------------|-----|---|------|-------|------|--------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|--------------------------|---------------|------------------|----------------------------|---------|----------|-----------------------------|----------------------|
| <u>Sub</u><br>Prio | -   | ject No. <u>Project Name</u><br>Proj No. Sub-project Name | Ward | Stat. | Cat. | 2017   | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal I<br>Subsidy | Development<br>Charges F | F<br>Reserves | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Debt -<br>Recoverab<br>Debt | e Total<br>Financing |
|                    |     | HIGHLAND CREEK WWTP UPGRADES                              |      |       |      |        |        |            |            |           |                    |                    |                    | Cubbilaide                            |                      |                          |               |                  |                            |         |          |                             |                      |
| 0                  | 23  | ELECTRICAL UPGRADES - ECAR                                | CW   | S2    | 03   | 1,117  | 650    | 7,230      | 1,210      | 0         | 10,207             | 0                  | 10,207             | O                                     | 0                    | 0                        | 0             | 10,207           | 0                          | ) (     | 0 0      | 0                           | 0 10,207             |
| 0                  | 31  | ELEC SYSTEM UPGRADES - CONSTR                             | CW   | S2    | 03   | 390    | 0      | 0          | 0          | 0         | 390                | 0                  | 390                | C                                     | 0                    | 0                        | 0             | 390              | 0                          | ) (     | ) 0      | 0                           | 0 390                |
| 0                  | 32  | CEPA COMPLIANCE - CL NOTICE - HCTP                        | CW   | S2    | 02   | 998    | 1,500  | 0          | 0          | 0         | 2,498              | 0                  | 2,498              | o                                     | 0                    | 0                        | 0             | 2,498            | 0                          | ) (     | ) 0      | 0                           | 0 2,498              |
| 0                  | 80  | DIGESTER CLEANING, REHAB AND<br>IMPROVEMENTS #4-7         | CW   | S2    | 03   | 250    | 124    | 81         | 85         | 0         | 540                | 0                  | 540                | o                                     | 0                    | 0                        | 0             | 540              | 0                          | ) (     | ) 0      | 0                           | 0 540                |
| 0                  | 90  | PROCESS IMPROVEMENTS (ROADMAP<br>FOR RCM)                 | CW   | S2    | 03   | 245    | 0      | 0          | 0          | 0         | 245                | 0                  | 245                | C                                     | 0                    | 0                        | 0             | 245              | 0                          | ) (     | ) 0      | 0                           | 0 245                |
| 0                  | 91  | PROCESS, EQUIPMENT, FACILITY<br>UPGRADES                  | CW   | S2    | 03   | 1,240  | 0      | 0          | 0          | 0         | 1,240              | 0                  | 1,240              | C                                     | 0                    | 0                        | 0             | 1,240            | 0                          | ) (     | ) 0      | 0                           | 0 1,240              |
| 0                  | 92  | LIQUID TRAIN REPAIRS - PHASE 1                            | CW   | S2    | 03   | 5,851  | 4,656  | 1,400      | 0          | 0         | 11,907             | 0                  | 11,907             | C                                     | 0                    | 0                        | 0             | 11,907           | 0                          | ) (     | ) 0      | 0                           | 0 11,907             |
| 0                  | 101 | AERATION SYSTEM AND ASSOCIATED<br>BUILDING UPGRADES       | CW   | S2    | 04   | 10,090 | 12,000 | 12,000     | 10,900     | 10,000    | 54,990             | 0                  | 54,990             | C                                     | 0                    | 0                        | 0             | 54,990           | 0                          | ) (     | ) 0      | 0                           | 0 54,990             |
| 0                  | 102 | LIQUID TRAIN - ENGINEERING                                | CW   | S2    | 03   | 8,100  | 6,500  | 8,600      | 3,700      | 3,100     | 30,000             | 18,680             | 48,680             | C                                     | 0                    | 0                        | 0             | 48,680           | 0                          | ) (     | ) 0      | 0                           | 0 48,680             |
| 0                  | 123 | COMMUNICATION SYSTEM                                      | CW   | S2    | 04   | 400    | 650    | 1,900      | 400        | 50        | 3,400              | 0                  | 3,400              | C                                     | 0                    | 0                        | 0             | 3,400            | 0                          | ) (     | 0 0      | 0                           | 0 3,400              |
| 0                  | 124 | BIOSOLIDS TREATMENT UPGRADES<br>-2017 SC                  | CW   | S3    | 03   | -4,575 | 3,567  | -99        | -70        | 0         | -1,177             | 0                  | -1,177             | C                                     | 0                    | -97                      | 0             | -1,080           | 0                          | ) (     | 0 0      | 0                           | 0 -1,177             |
| 0                  | 125 | TRANSFORMERS AND<br>SWITCHGEAR-2017 SC                    | CW   | S3    | 05   | -500   | -310   | 800        | 500        | 0         | 490                | 0                  | 490                | C                                     | 0                    | 39                       | 0             | 451              | 0                          | ) (     | ) 0      | 0                           | 0 490                |
| 0                  | 126 | ELEC SYSTEM UPGRADES -<br>CONSTR-2017 SC                  | CW   | S3    | 03   | -350   | 0      | 0          | 0          | 0         | -350               | 0                  | -350               | C                                     | 0                    | 0                        | 0             | -350             | 0                          | ) (     | ) 0      | 0                           | 0 -350               |
| 0                  | 127 | CEPA COMPLIANCE - CL NOTICE -<br>HCTP-2017 SC             | CW   | S3    | 02   | -498   | -200   | 4,000      | 1,300      | 550       | 5,152              | 50                 | 5,202              | C                                     | 0                    | 0                        | 0             | 5,202            | 0                          | ) (     | ) 0      | 0                           | 0 5,202              |
| 0                  | 128 | DIGESTER GAS SYSTEM<br>UPGRADES-2017 SC                   | CW   | S3    | 03   | -4,138 | 2,552  | 3,700      | 5,500      | 0         | 7,614              | 0                  | 7,614              | C                                     | 0                    | 0                        | 0             | 7,614            | 0                          | ) (     | ) 0      | 0                           | 0 7,614              |
| 0                  | 129 | LIQUID TRAIN - ENGINEERING-2017 SC                        | CW   | S3    | 03   | -6,000 | -4,200 | 100        | 0          | 0         | -10,100            | 11,800             | 1,700              | C                                     | 0                    | 0                        | 0             | 1,700            | 0                          | ) (     | ) 0      | 0                           | 0 1,700              |
| 0                  | 130 | LIQUID TRAIN REPAIRS - PHASE 1-2017<br>SC                 | CW   | S3    | 03   | -5,001 | 500    | 1,600      | 2,000      | 900       | -1                 | 0                  | -1                 | C                                     | 0                    | 0                        | 0             | -1               | 0                          | ) (     | ) 0      | 0                           | 0 -1                 |
| 0                  | 131 | AERATION SYSTEM&ASSOCIATED BLDG<br>UPGRADES -2017 SC      | CW   | S3    | 04   | -8,090 | 2,000  | 2,000      | 2,000      | 2,100     | 10                 | 0                  | 10                 | O                                     | 0                    | 0                        | 0             | 10               | 0                          | ) (     | ) 0      | 0                           | 0 10                 |
| 0                  | 132 | PROCESS & FACILITY UPGRADE- 2017<br>SC                    | CW   | S3    | 04   | -1,912 | 1,426  | 400        | 209        | 512       | 635                | 0                  | 635                | O                                     | 0                    | 0                        | 0             | 635              | 0                          | ) (     | ) 0      | 0                           | 0 635                |
| 0                  | 133 | MECH & ELECTRICAL UPGRADE<br>ENGINEERING- 2017 SC         | CW   | S3    | 03   | -357   | 120    | 0          | 0          | 0         | -237               | 0                  | -237               | C                                     | 0                    | 0                        | 0             | -237             | 0                          | ) (     | 0 0      | 0                           | 0 -237               |
| 0                  | 134 | ELECTRICAL UPGRADES - ECAR- 2017<br>SC                    | CW   | S3    | 03   | -634   | 173    | -2,430     | -1,210     | 0         | -4,101             | 0                  | -4,101             | C                                     | 0                    | 0                        | 0             | -4,101           | 0                          | ) (     | ) 0      | 0                           | 0 -4,101             |
| 0                  | 135 | DIGESTER CLEANING REHAB<br>IMPROVEMENTS #4-7- 2017 SC     | CW   | S3    | 03   | 0      | -30    | 39         | -39        | 15        | -15                | 14                 | -1                 | C                                     | 0                    | 0                        | 0             | -1               | 0                          | ) (     | ) 0      | 0                           | 0 -1                 |
| 0                  | 136 | PROCESS IMPROVEMENTS (ROADMAP<br>FOR RCM)- 2017 SC        | CW   | S3    | 03   | -195   | 100    | 100        | 0          | 0         | 5                  | 0                  | 5                  | C                                     | 0                    | 0                        | 0             | 5                | 0                          | ) (     | ) 0      | 0                           | 0 5                  |
| 0                  | 137 | PROCESS, EQUIPMENT, FACILITY<br>UPGRADES- 2017 SC         | CW   | S3    | 03   | -1,240 | 0      | 0          | 0          | 0         | -1,240             | 0                  | -1,240             | C                                     | 0                    | 0                        | 0             | -1,240           | 0                          | ) (     | ) 0      | 0                           | 0 -1,240             |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|      |         |  |       |            |      |        | Curre  | ont and Fu | ture Year | Cash Flo | w Commitn | nents     |           |                         | Cur     | rent and F  | uture Year | Cash El   | ow Comm         | itmonte | Financed | By   |                     |           |
|------|---------|--|-------|------------|------|--------|--------|------------|-----------|----------|-----------|-----------|-----------|-------------------------|---------|-------------|------------|-----------|-----------------|---------|----------|------|---------------------|-----------|
|      |         |  |       |            |      |        | Guile  |            |           | Gasirrio |           | lenta     |           |                         | Cui     | Tent and F  | uture real | Casiliria |                 | linents | rmanceu  |      | Dala                |           |
| Sub  | - Pro   | ject No. Project Name                              |       |            |      |        |        |            |           |          | Total     | Total     | Total     | Provincial              | Federal | Development |            | Reserve   | Capital<br>from |         |          |      | Debt -<br>coverable | Total     |
| Pric | ritySul | Proj No. Sub-project Name                          | Ward  | Stat.      | Cat. | 2017   | 2018   | 2019       | 2020      | 2021     | 2017-2021 | 2022-2026 | 2017-2026 | Grants and<br>Subsidies | Subsidy | Charges     | Reserves   | Funds     | Current         | Other 1 | Other2   | Debt |                     | Financing |
| WAS  | 906981  | HIGHLAND CREEK WWTP UPGRADES                       |       |            |      |        |        |            |           |          |           |           |           |                         |         |             |            |           |                 |         |          |      |                     |           |
| 0    | 138     | COMMUNICATION SYSTEM- 2017 SC                      | CW    | S3         | 04   | -300   | -475   | -1,425     | 1,100     | 1,200    | 100       | 50        | 150       | (                       | ) 0     | 0           | 0          | 150       | 0 0             | (       | 0 0      | C    | ) 0                 | 150       |
|      |         | Sub-total  |       |            |      | 18,355 | 35,168 | 42,031     | 28,503    | 19,067   | 143,124   | 30,629    | 173,753   | C                       | ) 0     | 865         | 0          | 172,888   | 6 0             | (       | 0 0      |      | 0 0                 | ) 173,753 |
| WAS  | 906982  | HUMBER WWTP UPGRADES                               |       |            |      |        |        |            |           |          |           |           |           |                         |         |             |            |           |                 |         |          |      |                     |           |
| 0    | 2       | CHLORINE FACILITY UPGRADE                          | CW    | S2         | 01   | 451    | 0      | 0          | 0         | 0        | 451       | 0         | 451       | (                       | 0 0     | 0           | 0          | 451       | 0               | (       | 0 0      | C    | ) 0                 | 451       |
| 0    | 5       | FLOOD PROTECTION                                   | CW    | S2         | 02   | 180    | 0      | 0          | 0         | 0        | 180       | 0         | 180       | (                       | ) 0     | 0           | 0          | 180       | 0 0             | (       | 0 0      | C    | ) 0                 | 180       |
| 0    | 6       | NEW SUBSTATION                                     | CW    | S2         | 03   | 42     | 5      | 0          | 0         | 0        | 47        | 0         | 47        | (                       | ) 0     | 0           | 0          | 47        | 0               | (       | 0 0      | C    | ) 0                 | 47        |
| 0    | 7       | ELECTRICAL CONDITION ASSESSMENT<br>RECOMMENDATIONS | T CW  | S2         | 01   | 2,885  | 2,200  | 1,100      | 23        | 23       | 6,231     | 0         | 6,231     | (                       | ) 0     | 0           | 0          | 6,231     | 0               | (       | 0 0      | C    | ) 0                 | 6,231     |
| 0    | 29      | ADMIN BUILDING EXPANSION -<br>ENGINEERING          | CW    | S2         | 04   | 670    | 410    | 160        | 25        | 25       | 1,290     | 0         | 1,290     | (                       | ) 0     | 0           | 0          | 1,290     | 0 0             | (       | 0 0      | C    | ) 0                 | 1,290     |
| 0    | 52      | HVAC UPGRADES                                      | CW    | S2         | 03   | 7,390  | 667    | 17         | 0         | 0        | 8,074     | 0         | 8,074     | (                       | 0 0     | 0           | 0          | 8,074     | 0               | (       | 0 0      | C    | ) 0                 | 8,074     |
| 0    | 81      | BLOWER REPLACEMENT                                 | CW    | S2         | 03   | 475    | 0      | 100        | 200       | 750      | 1,525     | 17,350    | 18,875    | (                       | ) 0     | 0           | 0          | 18,875    | 6 0             | (       | 0 0      | C    | 0 0                 | 18,875    |
| 0    | 95      | REPLACEMENT OF WASTE GAS<br>BURNERS                | CW    | S2         | 03   | 1,509  | 0      | 0          | 0         | 0        | 1,509     | 0         | 1,509     | (                       | ) 0     | 0           | 0          | 1,509     | 0 0             | (       | 0 0      | C    | ) 0                 | 1,509     |
| 0    | 99      | WET WEATHER FLOW                                   | CW    | S2         | 04   | 2,315  | 1,450  | 1,000      | 0         | 0        | 4,765     | 0         | 4,765     | (                       | ) 0     | 0           | 0          | 4,765     | 6 0             | (       | 0 0      | C    | ) 0                 | 4,765     |
| 0    | 101     | FLOOD PROTECTION-2017 SC                           | CW    | S3         | 02   | 20     | 0      | 0          | 0         | 0        | 20        | 0         | 20        | (                       | ) 0     | 0           | 0          | 20        | 0 0             | (       | 0 0      | C    | ) 0                 | 20        |
| 0    | 102     | HVAC UPGRADES-2017 SC                              | CW    | S3         | 03   | -2,598 | 3,483  | 2,133      | 17        | 17       | 3,052     | 0         | 3,052     | (                       | ) 0     | 0           | 0          | 3,052     | 2 0             | (       | 0 0      | C    | ) 0                 | 3,052     |
| 0    | 103     | BLOWER REPLACEMENT-2017 SC                         | CW    | S3         | 03   | -225   | 250    | 0          | 0         | 0        | 25        | 0         | 25        | (                       | ) 0     | 0           | 0          | 25        | 6 0             | (       | 0 0      | C    | ) 0                 | 25        |
| 0    | 104     | REPLACEMENT OF WASTE GAS<br>BURNERS-2017 SC        | CW    | <b>S</b> 3 | 03   | -1,159 | 1,800  | 4,500      | 2,700     | 50       | 7,891     | 50        | 7,941     | (                       | ) 0     | 0           | 0          | 7,941     | 0               | (       | 0 0      | C    | ) 0                 | 7,941     |
| 0    | 105     | WET WEATHER FLOW-2017 SC                           | CW    | <b>S</b> 3 | 04   | -1,715 | 250    | 500        | 1,000     | 0        | 35        | 0         | 35        | (                       | ) 0     | 0           | 0          | 35        | i 0             | (       | 0 0      | C    | ) 0                 | 35        |
| 0    | 107     | MESI UPGRADES                                      | CW    | S4         | 03   | 500    | 500    | 500        | 500       | 500      | 2,500     | 0         | 2,500     | (                       | ) 0     | 0           | 0          | 2,500     | ) 0             | (       | 0 0      | C    | 0 0                 | 2,500     |
| 0    | 108     | BUILDING UPGRADES ENGINEERING-<br>2017 SC          | CW    | S3         | 03   | 30     | 100    | 0          | 0         | 0        | 130       | 0         | 130       | (                       | ) 0     | 0           | 0          | 130       | ) 0             | (       | 0 0      | C    | ) 0                 | 130       |
| 0    | 109     | CHLORINE FACILITY UPGRADE- 2017 S                  | SC CW | <b>S</b> 3 | 01   | -390   | 638    | 0          | 0         | 0        | 248       | 0         | 248       | (                       | ) 0     | 0           | 0          | 248       | 6 0             | (       | 0 0      | C    | ) 0                 | 248       |
| 0    | 110     | ELECTRICAL CONDITION ASSESSMENT<br>RECOM- 2017 SC  | T CW  | S3         | 01   | -1,232 | 275    | 1,610      | 0         | 0        | 653       | 0         | 653       | (                       | ) 0     | 0           | 0          | 653       | 6 0             | (       | 0 0      | C    | 0 0                 | 653       |
| 0    | 111     | NEW SUBSTATION- 2017 SC                            | CW    | <b>S</b> 3 | 03   | -4     | 0      | 0          | 0         | 0        | -4        | 0         | -4        | (                       | ) 0     | 0           | 0          | -4        | 0               | (       | 0 0      | C    | 0 0                 | -4        |
| 0    | 112     | NEW GROUNDSKEEPING BUILDING-<br>2017 SC            | CW    | <b>S</b> 3 | 01   | 17     | 0      | 0          | 0         | 0        | 17        | 0         | 17        | (                       | ) 0     | 0           | 0          | 17        | 0               | (       | 0 0      | C    | 0 0                 | 17        |
| 0    | 113     | ADMIN BUILDING EXPANSION -<br>ENGINEERING- 2017 SC | CW    | S3         | 04   | -387   | 90     | 445        | 475       | 418      | 1,041     | 20        | 1,061     | (                       | ) 0     | 0           | 0          | 1,061     | 0               | (       | 0 0      | C    | 0 0                 | 1,061     |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                  |        |   |               |       |        |        | Curre  | ent and Fu | uture Year | Cash Flo | w Commitm          | nents              |                    |                                       | Cur                | rent and Fu            | uture Year | Cash Flo         | w Commi                    | tments  | Financed | Ву  |                     |                      |
|------------------|--------|---|---------------|-------|--------|--------|--------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|---------|----------|-----|---------------------|----------------------|
| <u>Su</u><br>Pri |        | oject No. <u>Project Name</u><br>bProj No. Sub-project Name | Ward          | Stat. | . Cat. | 2017   | 2018   | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1 | Other2   | Rec | Debt -<br>coverable | 7 Total<br>Financing |
| WA               | S90698 | 2 HUMBER WWTP UPGRADES                                      |               |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                     |                      |
| 0                | 114    | FIELD OFFICE- 2017 SC                                       | CW            | S3    | 03     | 322    | 0      | 0          | 0          | 0        | 322                | 0                  | 322                | с                                     | 0 0                | 0                      | 0          | 322              | 0                          |         | 0 0      | 0   | 0                   | 322                  |
| 0                | 116    | SERVICE REHAB AND UPGRADES                                  | CW            | S4    | 03     | 500    | 1,000  | 500        | 8,250      | 8,250    | 18,500             | 8,000              | 26,500             | С                                     | 0 0                | 0                      | 0          | 26,500           | 0                          |         | 0 0      | 0   | 0                   | 26,500               |
|                  |        | Sub-total   |               |       |        | 9,596  | 13,118 | 12,565     | 13,190     | 10,033   | 58,502             | 25,420             | 83,922             | 0                                     | 0                  | 0                      | 0          | 83,922           | 0                          |         | 0 C      | 0   | C                   | 83,922               |
| WA               | S90699 | 4 HIGHLAND CREEK WWTP - SOLIDS &                            | GAS HA        |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                     |                      |
| 0                | 1      | HIGHLAND CREEK WWTP - BMP<br>IMPLEMENTATION                 | CW            | S2    | 04     | 3,029  | 4,340  | 1,600      | 655        | 2,000    | 11,624             | 500                | 12,124             | С                                     | 0 0                | 976                    | 0          | 11,148           | 0                          |         | 0 0      | 0   | 0                   | 12,124               |
| 0                | 3      | WAS THICKENING - CONSTR                                     | CW            | S2    | 03     | 102    | 0      | 0          | 0          | 0        | 102                | 0                  | 102                | с                                     | 0 0                | 8                      | 0          | 94               | 0                          |         | 0 0      | 0   | 0                   | 102                  |
| 0                | 17     | WAS THICKENING - CONSTR-2017 SC                             | CW            | S3    | 03     | -52    | 504    | 0          | 0          | 0        | 452                | 0                  | 452                | c                                     | 0 0                | 37                     | 0          | 415              | 0                          |         | 0 0      | 0   | 0                   | 452                  |
| 0                | 18     | HCTP BMP IMPLEMENTATION-2017 SC                             | CW            | S3    | 04     | -2,929 | -1,840 | 900        | 1,845      | 200      | -1,824             | 5,100              | 3,276              | C                                     | 0 0                | 263                    | 0          | 3,013            | 0                          |         | 0 0      | 0   | 0                   | 3,276                |
|                  |        | Sub-total   |               |       |        | 150    | 3,004  | 2,500      | 2,500      | 2,200    | 10,354             | 5,600              | 15,954             | 0                                     | 0                  | 1,284                  | 0          | 14,670           | 0                          |         | 0 C      | 0   | C                   | 15,954               |
| WA               | S90703 | 8 Land Acquisition for Source Water Protect                 | <u>t</u>      |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                     |                      |
| 0                | 14     | TRCA - SCARBOROUGH WATERFRON<br>TRAIL EA                    | T CW          | S2    | 04     | 85     | 0      | 0          | 0          | 0        | 85                 | 0                  | 85                 | c                                     | 0 0                | 7                      | 0          | 78               | 0                          |         | 0 0      | 0   | 0                   | 85                   |
| 0                | 25     | TRCA - SCARBOROUGH WATERFRON<br>WEST EA                     | T CW          | S2    | 04     | 1,385  | 400    | 0          | 0          | 0        | 1,785              | 0                  | 1,785              | С                                     | 0 0                | 47                     | 0          | 1,738            | 0                          |         | 0 0      | 0   | 0                   | 1,785                |
| 0                | 27     | TRCA - CRITICAL EROSION SITES-201<br>SC                     | 7 CW          | S3    | 04     | 8,000  | 0      | 0          | 0          | 0        | 8,000              | 0                  | 8,000              | с                                     | 0 0                | 644                    | 0          | 7,356            | 0                          |         | 0 0      | 0   | 0                   | 8,000                |
| 0                | 28     | TRCA - SCARBOROUGH WATERFRON<br>WEST EA - 2017 SC           | T CW          | S3    | 04     | -385   | 600    | 350        | 0          | 0        | 565                | 0                  | 565                | C                                     | 0 0                | 141                    | 0          | 424              | 0                          |         | 0 0      | 0   | 0                   | 565                  |
|                  |        | Sub-total   |               |       |        | 9,085  | 1,000  | 350        | 0          | 0        | 10,435             | 0                  | 10,435             | 0                                     | 0                  | 839                    | 0          | 9,596            | 0                          |         | 0 C      | 0   | C                   | 10,435               |
| WA               | S90709 | 7 ASHBRIDGES BAY WWTP - BUILDING                            | <u>SERVIC</u> |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                     |                      |
| 0                | 7      | CONTROLLED SUBSTANCE<br>IDENTIFICATION AND ABATEMENT        | CW            | S2    | 02     | 100    | 0      | 0          | 0          | 0        | 100                | 0                  | 100                | c                                     | 0 0                | 0                      | 0          | 100              | 0                          |         | 0 0      | 0   | 0                   | 100                  |
| 0                | 19     | BIO GAS UTILIZATION   | CW            | S2    | 04     | 1,035  | 1,300  | 2,000      | 50         | 50       | 4,435              | 0                  | 4,435              | c                                     | 0 0                | 0                      | 0          | 4,435            | 0                          |         | 0 0      | 0   | 0                   | 4,435                |
| 0                | 21     | BLOWER BLDG & OLD NORTH<br>SUBSTATION IMPROVEMENTS          | CW            | S2    | 04     | 850    | 1,950  | 2,455      | 30         | 30       | 5,315              | 0                  | 5,315              | c                                     | 0 0                | 0                      | 0          | 5,315            | 0                          |         | 0 0      | 0   | 0                   | 5,315                |
| 0                | 61     | CONTROLLED SUBSTANCE<br>IDENTIFICATION ABATE-2017 SC        | CW            | S3    | 02     | 0      | 100    | 100        | 100        | 0        | 300                | 0                  | 300                | с                                     | 0 0                | 0                      | 0          | 300              | 0                          |         | 0 0      | 0   | 0                   | 300                  |
| 0                | 62     | BIO GAS UTILIZATION-2017 SC                                 | CW            | S3    | 04     | -835   | -300   | -1,000     | 1,950      | 1,950    | 1,765              | 100                | 1,865              | с                                     | 0 0                | 0                      | 0          | 1,865            | 0                          |         | 0 0      | 0   | 0                   | 1,865                |
| 0                | 63     | BLOWER BLDG OLD NORTH<br>SUBSTATION IMPRO - 2017 SC         | CW            | S3    | 04     | -400   | -20    | -485       | 135        | 180      | -590               | 1,055              | 465                | с                                     | 0 0                | 0                      | 0          | 465              | 0                          |         | 0 0      | 0   | 0                   | 465                  |
| 0                | 64     | GROVE LANDSCAPING - PHASE 1                                 | CW            | S4    | 04     | 790    | 1,045  | 0          | 0          | 0        | 1,835              | 0                  | 1,835              | с                                     | 0 0                | 0                      | 0          | 1,835            | 0                          |         | 0 0      | 0   | 0                   | 1,835                |
|                  |        | Sub-total   |               |       |        | 1,540  | 4,075  | 3,070      | 2,265      | 2,210    | 13,160             | 1,155              | 14,315             | 0                                     | 0                  | 0                      | 0          | 14,315           | 0                          |         | 0 C      | 0   | C                   | ) 14,315             |
| WA               | S90709 | 8 ASHBRIDGES BAY WWTP - EFFLUENT                            | SYSTE         |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                     |                      |
|                  |        |   |               |       |        |        |        |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |         |          |     |                     |                      |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|                      |       |                           |                                   |      |       |      |         | Curre  | ent and Fu | uture Year | Cash Flov | w Commitr          | nents              |                    |                                       | Cur                  | rent and Fu            | uture Year Cash F         | low Comn                   | nitments | Financed | Ву                          |                       |
|----------------------|-------|---------------------------|-----------------------------------|------|-------|------|---------|--------|------------|------------|-----------|--------------------|--------------------|--------------------|---------------------------------------|----------------------|------------------------|---------------------------|----------------------------|----------|----------|-----------------------------|-----------------------|
| <u>Sub-</u><br>Prior |       |                           | roject Name<br>ub-project Name    | Ward | Stat. | Cat. | 2017    | 2018   | 2019       | 2020       | 2021      | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal [<br>Subsidy | Development<br>Charges | Reserve<br>Reserves Funds | Capital<br>from<br>Current | Other 1  | Other2   | Debt -<br>Recoverat<br>Debt | ole Total<br>Financin |
| WAS9                 | 07098 | ASHBRIDGE                 | S BAY WWTP - EFFLUENT S           | YSTE |       |      |         |        |            |            |           |                    |                    |                    |                                       |                      |                        |                           |                            |          |          |                             |                       |
| 0                    | 1     | DISINFECTIO               | ON ENGINEERING                    | CW   | S2    | 02   | 4,184   | 6,200  | 960        | 167        | 123       | 11,634             | 0                  | 11,634             | 0                                     | 0                    | 936                    | 0 10,69                   | 8 (                        | ) (      | ) 0      | 0                           | 0 11,63               |
| 0                    | 13    | OUTFALL AS                | SESSMENT                          | CW   | S2    | 02   | 940     | 0      | 0          | 0          | 0         | 940                | 0                  | 940                | 0                                     | 0                    | 94                     | 0 84                      | 6 (                        | ) (      | ) 0      | 0                           | 0 94                  |
| 0                    | 14    | OUTFALL EN                | IGINEERING                        | CW   | S2    | 02   | 8,710   | 4,500  | 5,000      | 5,000      | 5,000     | 28,210             | 6,929              | 35,139             | 0                                     | 0                    | 2,827                  | 0 32,31                   | 2 (                        | ) (      | ) 0      | 0                           | 0 35,13               |
| 0                    | 15    | DISINFECTION              | ON SYSTEM CONSTRUCTION            | N CW | S4    | 02   | 100     | 75,000 | 90,000     | 64,900     | 0         | 230,000            | 0                  | 230,000            | 0                                     | 0                    | 18,510                 | 0 211,49                  | 0 (                        | ) (      | ) 0      | 0                           | 0 230,00              |
| 0                    | 28    | DISINFECTION              | ON ENGINEERING-2017 SC            | CW   | S3    | 02   | -3,174  | 200    | 1,537      | 1,440      | -48       | -45                | 75                 | 30                 | 0                                     | 0                    | 2                      | 0 2                       | 8 (                        | ) (      | ) 0      | 0                           | 0 3                   |
| 0                    | 29    | OUTFALL AS                | SESSMENT - 2017 SC                | CW   | S3    | 02   | -940    | 0      | 0          | 0          | 0         | -940               | 0                  | -940               | 0                                     | 0                    | -94                    | 0 -84                     | 6 (                        | ) (      | ) 0      | 0                           | 0 -94                 |
| 0                    | 30    | OUTFALL EN                | NGINEERING- 2017 SC               | CW   | S3    | 02   | -4,810  | 175    | -620       | -1,600     | -1,600    | -8,455             | 2,906              | -5,549             | 0                                     | 0                    | -446                   | 0 -5,10                   | 3 (                        | ) (      | ) 0      | 0                           | 0 -5,54               |
| 0                    | 31    | OUTFALL - S               | SITE PREP                         | CW   | S4    | 02   | 50      | 450    | 0          | 0          | 0         | 500                | 0                  | 500                | 0                                     | 0                    | 40                     | 0 46                      | 0 (                        | ) (      | ) 0      | 0                           | 0 50                  |
|                      |       | :                         | Sub-total                         |      |       |      | 5,060   | 86,525 | 96,877     | 69,907     | 3,475     | 261,844            | 9,910              | 271,754            | 0                                     | 0                    | 21,869                 | 0 249,88                  | 5 (                        | ) (      | ) 0      | 0                           | 0 271,75              |
| WAS9                 | 07099 | ASHBRIDGE                 | S BAY WWTP - LIQUID TREA          | TMEN |       |      |         |        |            |            |           |                    |                    |                    |                                       |                      |                        |                           |                            |          |          |                             |                       |
| 0                    | 1     | FINE BUBBL                | E AERATION - TANK #2              | CW   | S2    | 03   | 510     | 0      | 0          | 0          | 0         | 510                | 0                  | 510                | 0                                     | 0                    | 42                     | 0 46                      | 8 (                        | ) (      | ) 0      | 0                           | 0 51                  |
| 0                    | 3     | P BLDG HEA                | ADWORKS UPGRADE                   | CW   | S2    | 03   | 40,035  | 6,828  | 0          | 0          | 0         | 46,863             | 0                  | 46,863             | 0                                     | 0                    | 3,772                  | 0 43,09                   | 1 (                        | ) (      | ) 0      | 0                           | 0 46,86               |
| 0                    | 6     | M & T PUMP<br>REPAIRS     | ING STATION CRITICAL              | CW   | S2    | 03   | 5,399   | 0      | 0          | 0          | 0         | 5,399              | 0                  | 5,399              | 0                                     | 0                    | 0                      | 0 5,39                    | 9 (                        | ) (      | ) 0      | 0                           | 0 5,39                |
| 0                    | 10    | INTEGRATE<br>ENGINEERII   | D PUMPING STATION (IPS) -<br>NG   | CW   | S2    | 03   | 6,740   | 8,000  | 8,000      | 8,000      | 7,500     | 38,240             | 12,250             | 50,490             | 0                                     | 0                    | 0                      | 0 50,49                   | 0 (                        | ) (      | ) 0      | 0                           | 0 50,49               |
| 0                    | 12    | WORK ARE                  | A 1 REHAB                         | CW   | S2    | 03   | 3       | 0      | 0          | 0          | 0         | 3                  | 0                  | 3                  | 0                                     | 0                    | 0                      | 0                         | 3 (                        | ) (      | ) 0      | 0                           | 0                     |
| 0                    | 39    | INTEGRATE<br>CONSTRUC     | D PUMPING STATION (IPS) -<br>TION | CW   | S2    | 03   | 0       | 10,000 | 45,000     | 45,000     | 50,000    | 150,000            | 175,000            | 325,000            | 0                                     | 0                    | 0                      | 0 325,00                  | 0 (                        | ) (      | ) 0      | 0                           | 0 325,00              |
| 0                    | 71    | INTEGRATE<br>ENG-2017 S   | D PUMPING STATION (IPS) -<br>C    | CW   | S3    | 03   | -1,310  | -1,371 | -765       | -3,290     | -1,521    | -8,257             | 7,134              | -1,123             | 0                                     | 0                    | 0                      | 0 -1,12                   | 3 (                        | ) (      | ) 0      | 0                           | 0 -1,12               |
| 0                    | 72    | P BLDG HEA<br>SC          | DWORKS UPGRADE-2017               | CW   | S3    | 03   | -25,010 | 10,271 | 17,074     | 0          | 0         | 2,335              | 0                  | 2,335              | 0                                     | 0                    | 187                    | 0 2,14                    | 8 (                        | ) (      | ) 0      | 0                           | 0 2,33                |
| 0                    | 73    | INTEGRATE<br>CONST-2017   | D PUMPING STATION (IPS) -<br>7 SC | CW   | S3    | 03   | 250     | -6,850 | -30,000    | -18,642    | -3,000    | -58,242            | 112,875            | 54,633             | 0                                     | 0                    | 0                      | 0 54,63                   | 3 (                        | ) (      | ) 0      | 0                           | 0 54,63               |
| 0                    | 74    | FINE BUBBL<br>SC          | E AERATION - TANK #2 - 201        | 7 CW | S3    | 03   | -500    | 540    | 0          | 0          | 0         | 40                 | 0                  | 40                 | 0                                     | 0                    | 2                      | 0 3                       | 8 (                        | ) (      | ) 0      | 0                           | 0 4                   |
| 0                    | 75    | WORK ARE                  | A 1 REHAB- 2017 SC                | CW   | S3    | 03   | -3      | 10     | 0          | 0          | 0         | 7                  | 0                  | 7                  | 0                                     | 0                    | 0                      | 0                         | 7 (                        | ) (      | ) 0      | 0                           | 0                     |
| 0                    |       | M & T PUMP<br>REPAIRS- 20 | ING STATION CRITICAL              | CW   | S3    | 03   | -2,221  | 3,178  | 0          | 0          | 0         | 957                | 0                  | 957                | 0                                     | 0                    | 0                      | 0 95                      | 7 (                        | ) (      | ) 0      | 0                           | 0 95                  |
| 0                    | 77    | FINE BUBBL                | E AERATION - ENGINEERING          | G CW | S4    | 03   | 50      | 1,500  | 3,000      | 3,000      | 3,000     | 10,550             | 7,650              | 18,200             | 0                                     | 0                    | 1,468                  | 0 16,73                   | 2 (                        | ) (      | ) 0      | 0                           | 0 18,20               |
|                      |       | :                         | Sub-total                         |      |       |      | 23,943  | 32,106 | 42,309     | 34,068     | 55,979    | 188,405            | 314,909            | 503,314            | 0                                     | 0                    | 5,471                  | 0 497,84                  | 3 (                        | ) (      | ) 0      | 0                           | 0 503,31              |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|            |         |  |                   |       |      |        | Curre  | ent and Fu | ture Year | Cash Flov | w Commitn | nents     | ĺ         |                          | Curi      | rent and Fu            | ture Year ( | Cash Flo | w Comm          | itments | Financed | Ву             |               |           |
|------------|---------|--|-------------------|-------|------|--------|--------|------------|-----------|-----------|-----------|-----------|-----------|--------------------------|-----------|------------------------|-------------|----------|-----------------|---------|----------|----------------|---------------|-----------|
| <u>Sub</u> | - Pro   | ject No. Project Name                                |                   |       |      |        |        |            |           |           | Total     | Total     | Total     | Provincial<br>Grants and | Federal r | Development<br>Charges | F           | Reserve  | Capital<br>from |         |          | Debt<br>Recove |               | Total     |
| Prio       | ritySub | Proj No. Sub-project Name                            | Ward              | Stat. | Cat. | 2017   | 2018   | 2019       | 2020      | 2021      | 2017-2021 | 2022-2026 | 2017-2026 | Subsidies                | Subsidy   | Charges                | Reserves    | Funds    | Current         | Other 1 | Other2   | Debt           | $\rightarrow$ | Financing |
| WAS        | 907100  | ASHBRIDGES BAY WWTP - SOLIDS & C                     | <u>GAS HA</u>     |       |      |        |        |            |           |           |           |           |           |                          |           |                        |             |          |                 |         |          |                |               |           |
| 0          | 3       | WASTE ACTIVATED SLUDGE UPGRADI<br>ENGINEERING        | ∃- CW             | S2    | 03   | 3,500  | 3,092  | 2,000      | 2,000     | 1,298     | 11,890    | 304       | 12,194    | 0                        | 0         | 981                    | 0           | 11,213   | 0               | (       | 0 0      | 0              | 0             | 12,194    |
| 0          | 4       | DIGESTERS 9-12 REFURBISH                             | CW                | S2    | 03   | 10,820 | 11,876 | 11,710     | 710       | 860       | 35,976    | 90        | 36,066    | 0                        | 0         | 2,901                  | 0           | 33,165   | 0               | (       | ) 0      | 0              | 0             | 36,066    |
| 0          | 8       | BIOSOLIDS PELLETIZER RETROFIT                        | CW                | S2    | 03   | 400    | 0      | 0          | 0         | 0         | 400       | 0         | 400       | 0                        | 0         | 0                      | 0           | 400      | 0               | (       | ) 0      | 0              | 0             | 400       |
| 0          | 22      | WASTE ACTIVATED SLUDGE UPGRADI<br>CONSTRUCTION       | E- CW             | S4    | 03   | 1,000  | 20,000 | 25,000     | 32,000    | 30,000    | 108,000   | 42,000    | 150,000   | 0                        | 0         | 12,071                 | 0           | 137,929  | 0               | (       | ) 0      | 0              | 0             | 150,000   |
| 0          | 25      | PELLETIZER TRUCK LOADING FACILIT<br>UPGRADES         | Y CW              | S2    | 03   | 967    | 500    | 1,000      | 0         | 0         | 2,467     | 0         | 2,467     | 0                        | 0         | 0                      | 0           | 2,467    | 0               | (       | ) 0      | 0              | 0             | 2,467     |
| 0          | 45      | BIOSOLIDS PELLETIZER RETROFIT-20<br>SC               | 017 CW            | S3    | 03   | 0      | 400    | 400        | 0         | 0         | 800       | 0         | 800       | 0                        | 0         | 0                      | 0           | 800      | 0               | (       | ) 0      | 0              | 0             | 800       |
| 0          | 46      | DIGESTERS 9-12 REFURBISH - 2017 SC                   | c cw              | S3    | 03   | -6,470 | -6,603 | 3,300      | 8,300     | 5,621     | 4,148     | 0         | 4,148     | 0                        | 0         | 335                    | 0           | 3,813    | 0               | (       | ) 0      | 0              | 0             | 4,148     |
| 0          | 47      | WASTE ACTIVATED SLUDGE UPGRADI<br>ENG - 2017 SC      | E- CW             | S3    | 03   | -1,843 | 413    | 0          | 0         | 1,000     | -430      | 400       | -30       | 0                        | 0         | -3                     | 0           | -27      | 0               | (       | ) 0      | 0              | 0             | -30       |
| 0          | 48      | PELLETIZER TRUCK LOADING FACILIT<br>UPGRADES-2017 SC | Y CW              | S3    | 03   | -480   | 200    | 290        | 0         | 0         | 10        | 0         | 10        | 0                        | 0         | 0                      | 0           | 10       | 0               | (       | ) 0      | 0              | 0             | 10        |
|            |         | Sub-total  |                   |       |      | 7,894  | 29,878 | 43,700     | 43,010    | 38,779    | 163,261   | 42,794    | 206,055   | 0                        | 0         | 16,285                 | 0           | 189,770  | 0               | (       | ) 0      | 0              | 0             | 206,055   |
| WAS        | 907101  | ASHBRIDGES BAY WWTP - O&M UPGR                       | ADES              |       |      |        |        |            |           |           |           |           |           |                          |           |                        |             |          |                 |         |          |                |               |           |
| 0          | 5       | BOILER #4 DESIGN                                     | CW                | S2    | 03   | 47     | 6      | 0          | 0         | 0         | 53        | 0         | 53        | 0                        | 0         | 0                      | 0           | 53       | 0               | (       | ) 0      | 0              | 0             | 53        |
| 0          | 6       | MESI UPGRADES  | CW                | S2    | 03   | 3,448  | 3,074  | 3,167      | 0         | 0         | 9,689     | 0         | 9,689     | 0                        | 0         | 0                      | 0           | 9,689    | 0               | (       | ) 0      | 0              | 0             | 9,689     |
| 0          | 7       | MISC MECH REHAB                                      | CW                | S2    | 03   | 8,120  | 1,900  | 0          | 0         | 0         | 10,020    | 0         | 10,020    | 0                        | 0         | 0                      | 0           | 10,020   | 0               | (       | ) 0      | 0              | 0             | 10,020    |
| 0          | 32      | MISC MECH REHAB- 2017 SC                             | CW                | S3    | 03   | -3,120 | 3,196  | 0          | 0         | 0         | 76        | 0         | 76        | 0                        | 0         | 0                      | 0           | 76       | 0               | (       | ) 0      | 0              | 0             | 76        |
| 0          | 33      | BOILER #4 DESIGN- 2017 SC                            | CW                | S3    | 03   | 63     | 5      | 6          | 0         | 0         | 74        | 0         | 74        | 0                        | 0         | 0                      | 0           | 74       | 0               | (       | ) 0      | 0              | 0             | 74        |
| 0          | 34      | MESI UPGRADES- 2017 SC                               | CW                | S3    | 03   | -463   | 0      | 0          | 0         | 0         | -463      | 0         | -463      | 0                        | 0         | 0                      | 0           | -463     | 0               | (       | ) 0      | 0              | 0             | -463      |
|            |         | Sub-total  |                   |       |      | 8,095  | 8,181  | 3,173      | 0         | 0         | 19,449    | 0         | 19,449    | 0                        | 0         | 0                      | 0           | 19,449   | 0               | (       | ) 0      | 0              | 0             | 19,449    |
| WAS        | 907102  | ASHBRIDGES BAY WWTP - ODOUR CC                       | NTROL             |       |      |        |        |            |           |           |           |           |           |                          |           |                        |             |          |                 |         |          |                |               |           |
| 0          | 6       | BIOFILTERS UPGRADE & REPLACEME                       | NT CW             | S2    | 03   | 10,098 | 122    | 0          | 0         | 0         | 10,220    | 0         | 10,220    | 0                        | 0         | 823                    | 0           | 9,397    | 0               | (       | ) 0      | 0              | 0             | 10,220    |
| 0          | 13      | D BUILDING TREATMENT & BIOFILTER                     | CW                | S2    | 03   | 992    | 0      | 0          | 0         | 0         | 992       | 0         | 992       | 0                        | 0         | 80                     | 0           | 912      | 0               | (       | ) 0      | 0              | 0             | 992       |
| 0          | 38      | D BUILDING TREATMENT & BIOFILTER<br>2017 SC          | - CW              | S3    | 03   | -98    | 110    | 0          | 0         | 0         | 12        | 0         | 12        | 0                        | 0         | 1                      | 0           | 11       | 0               | (       | ) 0      | 0              | 0             | 12        |
| 0          | 39      | BIOFILTERS UPGRADE &<br>REPLACEMENT- 2017 SC         | CW                | S3    | 03   | -3,598 | 2,815  | 100        | 0         | 0         | -683      | 0         | -683      | 0                        | 0         | -56                    | 0           | -627     | 0               | (       | 0 0      | 0              | 0             | -683      |
|            |         | Sub-total  |                   |       |      | 7,394  | 3,047  | 100        | 0         | 0         | 10,541    | 0         | 10,541    | 0                        | 0         | 848                    | 0           | 9,693    | 0               | (       | ) 0      | 0              | 0             | 10,541    |
| WAS        | 907104  | HUMBER WWTP - LIQUID TREATMENT                       | <u>&amp; HANI</u> |       |      |        |        |            |           |           |           |           |           |                          |           |                        |             |          |                 |         |          |                | $\neg$        |           |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|          |  |          |       |      |         | Curre   | ent and Fu | uture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cur                | rent and Fu            | uture Year Cash Flo       | ow Comm                    | nitments | Financed | Ву  |                     |                    |
|----------|--|----------|-------|------|---------|---------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|---------------------------|----------------------------|----------|----------|-----|---------------------|--------------------|
|          | oject No. <u>Project Name</u><br>IbProj No. Sub-project Name | Ward     | Stat. | Cat. | 2017    | 2018    | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserve<br>Reserves Funds | Capital<br>from<br>Current | Other 1  | Other2   | Re  | Debt -<br>coverable | Total<br>Financing |
| WAS90710 | 4 HUMBER WWTP - LIQUID TREATMENT &                           | HAN      |       |      |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |                           |                            |          |          |     |                     |                    |
| 0 2      | SECONDARY TREATMENT UPGRADES -<br>SOUTH - ENGINEERING        | CW       | S2    | 03   | 3,811   | 3,350   | 3,332      | 3,250      | 2,193    | 15,936             | 544                | 16,480             | O                                     | 0                  | 1,328                  | 0 15,152                  | 0                          | )        | 0 C      | C   | 0                   | 16,480             |
| 0 19     | SECONDARY TREATMENT UPGRADES -<br>SOUTH - CONS               | CW       | S2    | 03   | 45,000  | 45,000  | 45,000     | 45,000     | 45,000   | 225,000            | 0                  | 225,000            | C                                     | 0                  | 18,115                 | 0 206,885                 | 0                          | )        | 0 C      | C   | 0                   | 225,000            |
| 0 24     | SECONDARY TREATMENT UPGRADES -<br>SOUTH-CONS-2017 SC         | CW       | S3    | 03   | -11,500 | -11,500 | -16,500    | -16,500    | -25,997  | -81,997            | 15,000             | -66,997            | O                                     | 0                  | -5,390                 | 0 -61,607                 | 0                          | )        | 0 C      | C   | 0                   | -66,997            |
| 0 25     | SECONDARY TREATMENT UPGRADES -<br>SOUTH - ENG 2017 SC        | CW       | S3    | 03   | 1,069   | 1,910   | 1,418      | 1,555      | 3,000    | 8,952              | 300                | 9,252              | 0                                     | 0                  | 740                    | 0 8,512                   | 0                          | )        | 0 0      | C   | 0                   | 9,252              |
|          | Sub-total  |          |       |      | 38,380  | 38,760  | 33,250     | 33,305     | 24,196   | 167,891            | 15,844             | 183,735            | 0                                     | 0                  | 14,793                 | 0 168,942                 | 0                          | )        | 0 0      | ) ( | ) C                 | 183,735            |
| WAS90710 | 5 HUMBER WWTP - O&M UPGRADES                                 |          |       |      |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |                           |                            |          |          |     |                     |                    |
| 0 1      | GAS COMPRESSOR SYSTEM UPGRADE                                | s cw     | S2    | 03   | 3,723   | 0       | 0          | 0          | 0        | 3,723              | 0                  | 3,723              | O                                     | 0                  | 0                      | 0 3,723                   | 0                          | )        | 0 C      | C   | 0                   | 3,723              |
| 02       | LIQUID STREAM UPGRADES                                       | CW       | S2    | 03   | 316     | 0       | 0          | 0          | 0        | 316                | 0                  | 316                | O                                     | 0                  | 25                     | 0 291                     | 0                          | )        | 0 C      | C   | 0                   | 316                |
| 0 31     | GAS COMPRESSOR SYSTEM<br>UPGRADES-2017 SC                    | CW       | S3    | 03   | 219     | 60      | 64         | 0          | 0        | 343                | 0                  | 343                | C                                     | 0                  | 0                      | 0 343                     | 0                          | )        | 0 C      | C   | 0                   | 343                |
| 0 32     | LIQUID STREAM UPGRADES- 2017 SC                              | CW       | S3    | 03   | -316    | 0       | 0          | 0          | 0        | -316               | 0                  | -316               | C                                     |                    | -25                    | 0 -291                    | 0                          | -        | 0 C      |     | 0                   |                    |
|          | Sub-total  |          |       |      | 3,942   | 60      | 64         | 0          | 0        | 4,066              | 0                  | 4,066              | 0                                     | 0                  | 0                      | 0 4,066                   | 0                          | )        | 0 0      | ) ( | ) (                 | 4,066              |
| WAS90710 | 6 HUMBER WWTP - ODOUR CONTROL                                |          |       |      |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |                           |                            |          |          |     |                     |                    |
| 0 1      | ODOUR CONTROL IMPLEMENTATION -<br>PHASE 1                    | CW       | S2    | 02   | 8,632   | 0       | 0          | 0          | 0        | 8,632              | 0                  | 8,632              | 0                                     | 0                  | 694                    | 0 7,938                   | 0                          | )        | 0 C      | C   | 0                   | 8,632              |
| 0 13     | ODOUR CONTROL IMPLEMENTATION -<br>PHASE 1-2017 SC            | CW       | S3    | 02   | -2,377  | 6,610   | 0          | 0          | 0        | 4,233              | 0                  | 4,233              | 0                                     | 0                  | 341                    | 0 3,892                   | 0                          | )        | 0 C      | C   | 0                   | 4,233              |
|          | Sub-total  |          |       |      | 6,255   | 6,610   | 0          | 0          | 0        | 12,865             | 0                  | 12,865             | 0                                     | 0                  | 1,035                  | 0 11,830                  | 0                          | )        | 0 0      | ) ( | ) (                 | 12,865             |
| WAS90722 | 4 SEWAGE PUMPING STATION UPGRADE                             | <u>s</u> |       |      |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |                           |                            |          |          |     |                     |                    |
| 0 1      | SPS UPGRADES   | CW       | S2    | 02   | 2,593   | 0       | 0          | 0          | 0        | 2,593              | 0                  | 2,593              | 0                                     | 0                  | 209                    | 0 2,384                   | 0                          | )        | 0 C      | C   | 0                   | 2,593              |
| 0 18     | SPS UPGRADES - GROUP 6                                       | CW       | S2    | 02   | 621     | 3,250   | 6,300      | 5,300      | 4,200    | 19,671             | 3,200              | 22,871             | 0                                     | 0                  | 1,842                  | 0 21,029                  | 0                          | )        | 0 C      | C   | 0                   | 22,871             |
| 0 29     | SPS UPGRADES-2017 SC   | CW       | S3    | 02   | -203    | 4,710   | 1,000      | 0          | 0        | 5,507              | 0                  | 5,507              | C                                     | 0                  | 442                    | 0 5,065                   | 0                          | )        | 0 C      | C   | 0                   | 5,507              |
| 0 30     | SUNNYSIDE SPS REHAB- 2017 SC                                 |          |       | 03   | 688     | 0       | 0          | 0          | 0        | 688                | 0                  | 688                | 0                                     |                    | 55                     | 0 633                     |                            |          | 0 C      | C   | 0                   |                    |
| 0 31     | SPS UPGRADES - GROUP 6- 2017 SC                              | CW       | S3    | 02   | -321    | -2,850  | -2,906     | 950        | 1,156    | -3,971             | 4,338              | 367                | 0                                     |                    | 27                     | 0 340                     |                            | -        | 0 0      |     | 0                   |                    |
| 1        | Sub-total  |          |       |      | 3,378   | 5,110   | 4,394      | 6,250      | 5,356    | 24,488             | 7,538              | 32,026             | 0                                     | 0                  | 2,575                  | 0 29,451                  | 0                          | )        | 0 (      | ) ( | ) (                 | 32,026             |
| WAS90755 | 9 DON & WATERFRONT TRUNK CSO                                 |          |       |      |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |                           |                            |          |          |     |                     | ]                  |
| 0 1      | DON & WATERFRONT TRUNK/CSO PKG<br>- DESIGN                   | 1 CW     | S2    | 04   | 7,933   | 5,338   | 5,180      | 5,180      | 5,180    | 28,811             | 11,436             | 40,247             | C                                     | 0                  | 3,239                  | 0 37,008                  | 0                          | )        | 0 C      | C   | 0                   | 40,247             |
| 0 16     | Don&Waterfront Trunk/CSO Design <sub>2017</sub><br>SC        | CW       | S3    | 04   | -3,733  | 1,770   | 3,874      | 1,295      | 1,295    | 4,501              | -3,885             | 616                | C                                     | 0                  | 49                     | 0 567                     | 0                          | )        | 0 C      | C   | 0                   | 616                |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4: 2017 Cash Flow and Future Year Commitments

|  |         | Curr    | ent and Fu | iture Year | Cash Flo | w Commitn          | nents              |                    |                                       | Cu                 | rrent and Fu           | uture Year | Cash Flo         | w Commi                    | itments F | inanced | Ву                   |   |                    |
|--|---------|---------|------------|------------|----------|--------------------|--------------------|--------------------|---------------------------------------|--------------------|------------------------|------------|------------------|----------------------------|-----------|---------|----------------------|---|--------------------|
| <u>Sub-</u> <u>Project No.</u> <u>Project Name</u><br>PrioritySubProj No. Sub-project Name Ward Stat. Cat. | 2017    | 2018    | 2019       | 2020       | 2021     | Total<br>2017-2021 | Total<br>2022-2026 | Total<br>2017-2026 | Provincial<br>Grants and<br>Subsidies | Federal<br>Subsidy | Development<br>Charges | Reserves   | Reserve<br>Funds | Capital<br>from<br>Current | Other 1   | Other2  | Del<br>Recov<br>Debt |   | Total<br>Financing |
| WAS907559 DON & WATERFRONT TRUNK CSO   |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |         |                      |   |                    |
| 0 17 DCW - PH1 - OFFLINE STORAGE TANK CW S4 04<br>SHEPPARD/LESLIE  | 200     | 500     | 700        | 10,400     | 2,700    | 14,500             | 100                | 14,600             | с                                     | ) C                | 1,174                  | 0          | 13,426           | 0                          | 0         | 0       | 0                    | 0 | 14,600             |
| Sub-total  | 4,400   | 7,608   | 9,754      | 16,875     | 9,175    | 47,812             | 7,651              | 55,463             | 0                                     | C                  | 4,462                  | 0          | 51,001           | 0                          | 0         | 0       | 0                    | 0 | 55,463             |
| WAS907700 NORTH TORONTO WTP UPGRADES   |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |         |                      |   |                    |
| 0 2 NTTP - ELECTRICAL UPGRADES - ECAR CW S2 01   | 1,207   | 2,295   | 1,100      | 0          | 0        | 4,602              | 0                  | 4,602              | c                                     | ) C                | 0                      | 0          | 4,602            | 0                          | 0         | 0       | 0                    | 0 | 4,602              |
| 0 10 OPS INTERFACE NTTP CW S4 04   | 200     | 300     | 0          | 0          | 0        | 500                | 0                  | 500                | c                                     | ) C                | 0                      | 0          | 500              | 0                          | 0         | 0       | 0                    | 0 | 500                |
| 0 11 NTTP - PROCESS IMPROVEMENTS CW S4 04  | 420     | 4,400   | 4,000      | 1,340      | 50       | 10,210             | 0                  | 10,210             | c                                     | ) C                | 0                      | 0          | 10,210           | 0                          | 0         | 0       | 0                    | 0 | 10,210             |
| 0 12 NTTP - ELECTRICAL UPGRADES - ECAR- CW S3 01<br>2017 SC  | -886    | -581    | 1,624      | 1,198      | 0        | 1,355              | 0                  | 1,355              | c                                     | ) C                | 0 0                    | 0          | 1,355            | 0                          | 0         | 0       | 0                    | 0 | 1,355              |
| Sub-total  | 941     | 6,414   | 6,724      | 2,538      | 50       | 16,667             | 0                  | 16,667             | 0                                     | C                  | 0 0                    | 0          | 16,667           | 0                          | 0         | 0       | 0                    | 0 | 16,667             |
| WAS908143 Georgetown South City Infrastructure Upgrades  |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |         |                      |   |                    |
| 0 1 GEORGETOWN SOUTH CITY CW S2 05<br>INFRASTRUCTURE UPGRADES  | 6,189   | 5,680   | 5,680      | 0          | 0        | 17,549             | 0                  | 17,549             | c                                     | ) C                | 0                      | 0          | 17,549           | 0                          | 0         | 0       | 0                    | 0 | 17,549             |
| 0 7 GEORGETOWN SOUTH CITY CW S3 05<br>INFRASTRUCTURE - 2017 SC   | -509    | 0       | 0          | 0          | 0        | -509               | 0                  | -509               | C                                     | ) C                | 0                      | 0          | -509             | 0                          | 0         | 0       | 0                    | 0 | -509               |
| Sub-total  | 5,680   | 5,680   | 5,680      | 0          | 0        | 17,040             | 0                  | 17,040             | 0                                     | C                  | 0                      | 0          | 17,040           | 0                          | 0         | 0       | 0                    | 0 | 17,040             |
| WASWP003 EMERY CREEK POND  |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |         |                      |   |                    |
| 0 1 EMERY CREEK POND CW S2 04  | 5,793   | 50      | 0          | 0          | 0        | 5,843              | 0                  | 5,843              | C                                     | ) C                | 470                    | 0          | 5,373            | 0                          | 0         | 0       | 0                    | 0 | 5,843              |
| 0 15 EMERY CREEK POND- 2017 SC CW S3 04  | -820    | 0       | 50         | 50         | 0        | -720               | 0                  | -720               | c                                     | ) C                | -58                    | 0          | -662             | 0                          | 0         | 0       | 0                    | 0 | -720               |
| Sub-total  | 4,973   | 50      | 50         | 50         | 0        | 5,123              | 0                  | 5,123              | 0                                     | C                  | 412                    | 0          | 4,711            | 0                          | 0         | 0       | 0                    | 0 | 5,123              |
| WASWP050 EQUIPMENT REPLACEMENT & REHABILITATIC   |         |         |            |            |          |                    |                    |                    |                                       |                    |                        |            |                  |                            |           |         |                      |   |                    |
| 0 78 EQUIPMENT REPLACEMENT CW S2 03  | 5,580   | 4,558   | 3,652      | 0          | 0        | 13,790             | 0                  | 13,790             | C                                     | ) C                | 0 0                    | 0          | 13,790           | 0                          | 0         | 0       | 0                    | 0 | 13,790             |
| 0 117 REHAB OF SOUTH PRIMARY CLARIFIERS CW S2 03   | 124     | 0       | 0          | 0          | 0        | 124                | 0                  | 124                | C                                     | ) C                | 0                      | 0          | 124              | 0                          | 0         | 0       | 0                    | 0 | 124                |
| 0 132 EQUIPMENT REPLACEMENT-2017 SC CW S3 03   | -2,514  | 3,409   | 2,150      | 4,000      | 0        | 7,045              | 0                  | 7,045              | c                                     | ) C                | 0                      | 0          | 7,045            | 0                          | 0         | 0       | 0                    | 0 | 7,045              |
| 0 133 REHAB OF SOUTH PRIMARY CW S3 03<br>CLARIFIERS- 2017 SC   | -124    | 0       | 0          | 0          | 0        | -124               | 0                  | -124               | с                                     | ) C                | 0 0                    | 0          | -124             | 0                          | 0         | 0       | 0                    | 0 | -124               |
| Sub-total  | 3,066   | 7,967   | 5,802      | 4,000      | 0        | 20,835             | 0                  | 20,835             | 0                                     | C                  | 0                      | 0          | 20,835           | 0                          | 0         | 0       | 0                    | 0 | 20,835             |
| Total Program Expenditure  | 466,912 | 661,006 | 635,986    | 525,390    | 406,467  | 2,695,761          | 1,269,374          | 3,965,135          | 0                                     | C                  | 111,343                | 03         | 3,853,792        | 0                          | 0         | 0       | 0                    | 0 | 3,965,135          |

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL **CITY OF TORONTO** 

#### Gross Expenditures (\$000's)

#### Appendix 4: 2017 Cash Flow and Future Year Commitments

#### Wastewater Program

| У           | nanced By                     | es F          | I Estimate             | nts and | ommitme                    | h Flow C                | Year Cas      | t and Future              | Current                              |                                       | s                                 | nd Estimate                      | nitments a                       | low Com          | ar Cash F         | Future Ye         | Current and       | (                 |                 |   |
|-------------|-------------------------------|---------------|------------------------|---------|----------------------------|-------------------------|---------------|---------------------------|--------------------------------------|---------------------------------------|-----------------------------------|----------------------------------|----------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---|
|             | Debt -<br>Recoverable<br>Debt | 2 [           | 1 Other2               | Other ? | Capital<br>from<br>Current | Reserve<br>Funds        | Reserves      | evelopment<br>Charges F   | Federal De<br>Subsidy                | Provincial<br>Grants and<br>Subsidies | Total<br>2017-2026                | Total<br>2022-2026               | Total<br>2017-2021               | 2021             | 2020              | 2019              | 2018              | 2017              | Ward Stat. Cat. | Project No. Project Name<br>v SubProj No. Sub-project Name                                  |
|             |                               |               |                        |         |                            |                         |               |                           |                                      |                                       |                                   |                                  |                                  |                  |                   |                   |                   |                   |                 | d By:   |
| 0 111,343   | 0                             | 0             | 0                      |         | 0                          | 0                       | 0             | 111,343                   | 0                                    | 0                                     | 111,343                           | 11,935                           | 99,408                           | 7,505            | 19,066            | 25,583            | 28,196            | 19,058            |                 | velopment Charges   |
| 0 3,853,792 | 0                             | 0             | 0                      |         | 0                          | 8,853,792               | 03            | 0                         | 0                                    | о                                     | 3,853,792                         | 1,257,439                        | 2,596,353                        | 398,962          | 506,324           | 610,403           | 632,810           | 447,854           |                 | serve Funds (Ind."XR" Ref.)   |
| 0 3,965,135 | 0                             | 0             | 0                      |         | 0                          | 3,853,792               | 03            | 111,343                   | 0                                    | 0                                     | 3,965,135                         | 1,269,374                        | 2,695,761                        | 406,467          | 525,390           | 635,986           | 661,006           | 466,912           |                 | Program Financing   |
| 0           | 0 0                           | 2 [<br>0<br>0 | 1 Other2<br>0 0<br>0 0 | Other ' | from<br>Current<br>0<br>0  | Funds<br>0<br>3,853,792 | Reserves<br>0 | Charges F<br>111,343<br>0 | Federal De<br>Subsidy<br>0<br>0<br>0 | Grants and<br>Subsidies<br>0          | 2017-2026<br>111,343<br>3,853,792 | 2022-2026<br>11,935<br>1,257,439 | 2017-2021<br>99,408<br>2,596,353 | 7,505<br>398,962 | 19,066<br>506,324 | 25,583<br>610,403 | 28,196<br>632,810 | 19,058<br>447,854 | Ward Stat. Cat. | r SubProj No. Sub-project Name<br>d By:<br>velopment Charges<br>serve Funds (Ind."XR" Ref.) |

#### Status Code Description

S2 S2 Prior Year (With 2017 and\or Future Year Cashflow)

S3 S3 Prior Year - Change of Scope 2017 and\or Future Year Cost\Cashflow)

S4 S4 New - Stand-Alone Project (Current Year Only)

S5 S5 New (On-going or Phased Projects)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02 03

State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05 06

Reserved Category 1 C06 07

Reserved Category 2 C07

# Appendix 5

2017 Capital Budget with Financing Detail

(Phase 2) 10-Water Program

DI TORONTO

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5

## **CITY OF TORONTO**

## Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

Sub-Project Summary

| Project         Project         Name         Same Deal Comparison         Posterial<br>Data         Posterial<br>Data         Posterial<br>Deal         Posterial<br>Deal         Description<br>Deal         Deal         Direct<br>Deal         Direct Deal         Direct Deal | Project/Fi   | inancing  |                            | 2017  |        |   |     |          | Financ  | ina             |         |         |      |     |
|--|--------------|---|----------------------------|-------|--------|---|-----|----------|---------|-----------------|---------|---------|------|-----|
| 0         2PLANT EXPANSION - DESIGN & CONSTR ADMIN- 0105/200412212017         7         0         0         8         0         0         8         0         0         8         0         0         0         16         0         16         0         16         0         16         0         10         0         0         16         0         16         0         16         0         17         0         0         16         0         17         0         0         10         0         10         0         10         0         10         0         10         0         10         0         11         0         7         0  |              | 0   |                            | -     | Grants |   |     | Reserves | Reserve | Capital<br>From | Other 1 | Other 2 | Debt |     |
| 0         38 PLANT EXPANSION - DESIGN & CONSTR ADMIN- 2017 SC 01/01/20171231207         6         0         0         16         0         10         0         16         0         0         16         0         10         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         16         0         0         17         0 <t< td=""><td><u>0</u> WAT</td><td>1000004 HORGAN W.T.P. EXPANSION</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  | <u>0</u> WAT | 1000004 HORGAN W.T.P. EXPANSION                   |                            |       |        |   |     |          |         |                 |         |         |      |     |
| Project Sub-total:         75         0         0         24         0         27         0         0         24         0         0           0         1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN         0101/2007 1/31/2017         1         0         0         11         0         7         0   | 0            | 2 PLANT EXPANSION - DESIGN & CONSTR ADMIN         | 01/01/2004 12/31/2017      | 24    | 0      | 0 | 8   | 0        | 8       | 0               | 0       | 8       |      | 0 0 |
| 9         WATCONDOL 4 WATER STORAGE EXPANSION         0         10UFFERIN RES. EXT. DESIGN AND CONT ADMIN         0101/2007 12/31/2017         18         0         0         11         0         7         0         0         0         0         0           0         2 Milikan PS and Reservoir - Engineering         0101/2007 12/31/2017         -17         0   | 0            | 38 PLANT EXPANSION - DESIGN & CONSTR ADMIN- 2017  | SC 01/01/2017 12/31/2018   | 51    | 0      | 0 | 16  | 0        | 19      | 0               | 0       | 16      |      | 0 0 |
| 0         1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN         01/01/2007/12/31/2017         18         0         0         11         0         7         0   |              |   | Project Sub-total:         | 75    | 0      | 0 | 24  | 0        | 27      | 0               | 0       | 24      |      | 0 0 |
| 0         1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN         01/01/2007/12/31/2017         18         0         0         11         0         7         0   | 0 WAT        | 000014 WATER STORAGE EXPANSION                    |                            |       |        |   |     |          |         |                 |         |         |      |     |
| 0         S3 DUFFERIN RES. EXT. DESIGN AND CONT ADMIN- 2017 SC 0101/2017 1231/2017         -17         0         0         -7         0         0         0         0           9         WAT000013 CLARK RESIDUA MS RETROFITS AND UPGRADES         0101/201312/31/2018         1.08         0         0         0         0         10         0 <t< td=""><td>_</td><td>1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN</td><td>01/01/2007 12/31/2017</td><td>18</td><td>0</td><td>0</td><td>11</td><td>0</td><td>7</td><td>0</td><td>0</td><td>0</td><td></td><td>0 0</td></t<>  | _            | 1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN        | 01/01/2007 12/31/2017      | 18    | 0      | 0 | 11  | 0        | 7       | 0               | 0       | 0       |      | 0 0 |
| 0         53 DUFFERIN RES. EXT. DESIGN AND CONT ADMIN- 2017 SC 0101/2017 1231/2017         1.77         0  | 0            | 2 Milliken PS and Reservoir - Engineering         | 01/01/2007 12/31/2017      | 50    | 0      | 0 | 21  | 0        | 10      | 0               | 0       | 19      |      | 0 0 |
| 0         WATGODONE         CLARK RESIDUE MGMT. FACILITIES           0         24 RESIDUALS RETROFITS AND UPGRADES         0101/2013123/2018         567         0         0         0         567         0   | 0            | 53 DUFFERIN RES. EXT. DESIGN AND CONT ADMIN- 2017 | 7 SC 01/01/2017 12/31/2017 | -17   | 0      | 0 | -10 | 0        | -7      | 0               | 0       | 0       |      | 0 0 |
| 0         24 RESIDUALS RETROFITS AND UPGRADES         01/01/2013 12/31/2018         1,036         0         0         1,036         0 <td></td> <td></td> <td>Project Sub-total:</td> <td>51</td> <td>0</td> <td>0</td> <td>22</td> <td>0</td> <td>10</td> <td>0</td> <td>0</td> <td>19</td> <td></td> <td>0 0</td>  |              |   | Project Sub-total:         | 51    | 0      | 0 | 22  | 0        | 10      | 0               | 0       | 19      |      | 0 0 |
| 0         24 RESIDUALS RETROFITS AND UPGRADES         01/01/2013 12/31/2018         1,036         0         0         1,036         0 <td>0 WAT</td> <td>000018 CLARK RESIDUE MGMT. FACILITIES</td> <td></td>  | 0 WAT        | 000018 CLARK RESIDUE MGMT. FACILITIES             |                            |       |        |   |     |          |         |                 |         |         |      |     |
| 0         29 RESIDUALS RETROFITS AND UPGRADES-2017 SC<br>Project Sub-total:         1-567<br>(469         0         0         -567<br>(469         0   | _            |   | 01/01/201312/31/2018       | 1,036 | 0      | 0 | 0   | 0        | 1,036   | 0               | 0       | 0       |      | 0 0 |
| 0         WATE REFFICIENCY PROGRAM         0         0         0         300         0         0         300           | 0            |   | 01/01/2017 12/31/2019      | -567  | 0      | 0 | 0   | 0        | -567    | 0               | 0       | 0       |      | 0 0 |
| 0         10 ICI INDOOR WATER AUDIT         01/01/2005 12/31/2017         300         0         300         0 <th< td=""><td></td><td></td><td>Project Sub-total:</td><td>469</td><td>0</td><td>0</td><td>0</td><td>0</td><td>469</td><td>0</td><td>0</td><td>0</td><td></td><td>0 0</td></th<>  |              |   | Project Sub-total:         | 469   | 0      | 0 | 0   | 0        | 469     | 0               | 0       | 0       |      | 0 0 |
| 0         10 ICI INDOOR WATER AUDIT         01/01/2005 12/31/2017         300         0         300         0 <th< td=""><td>0 WAT</td><td>1000021 WATER EFFICIENCY PROGRAM</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>  | 0 WAT        | 1000021 WATER EFFICIENCY PROGRAM                  | -                          |       |        |   |     |          |         |                 |         |         |      |     |
| 0       11 PUBLIC EDUCATION & PROMOTIONS       01/01/200512/31/2017       150          |              |   | 01/01/2005 12/31/2017      | 300   | 0      | 0 | 300 | 0        | 0       | 0               | 0       | 0       |      | 0 0 |
| 0         12 ANCILLARY COSTS         01/01/2005 12/31/2017         70            | -            |   |                            |       |        |   |     |          |         |                 |         | -       |      |     |
| O         WAT000363         ENGINEERING STUDIES           0         2 IMPROVED TREATMENT STUDIES         01/01/200512/31/2017         296         0         0         0         207         0         0         89         0         0           0         18 CONTROLLED SUBSTANCES ID AND ABATEMENT         01/01/200712/31/2018         200         0         0         0         200         0<   | 0            |   | 01/01/2005 12/31/2017      |       | 0      | 0 | 70  | 0        | 0       | 0               | 0       | 0       |      |     |
| 0       2 IMPROVED TREATMENT STUDIES       01/01/2005 12/31/2017       296       0       0       0       207       0       0       89       0       0         0       18 CONTROLLED SUBSTANCES ID AND ABATEMENT       01/01/2007 12/31/2018       200       0       0       0       200          |              |   | Project Sub-total:         | 520   | 0      | 0 | 520 | 0        | 0       | 0               | 0       | 0       |      | 0 0 |
| 0       2 IMPROVED TREATMENT STUDIES       01/01/2005 12/31/2017       296       0       0       0       207       0       0       89       0       0         0       18 CONTROLLED SUBSTANCES ID AND ABATEMENT       01/01/2007 12/31/2018       200       0       0       0       200          | 0 WAT        | 1000363 ENGINEERING STUDIES                       | -                          |       |        |   |     |          |         |                 |         |         |      |     |
| 0       18 CONTROLLED SUBSTANCES ID AND ABATEMENT       01/01/2007 12/31/2018       200       0       0       200          |              |   | 01/01/2005 12/31/2017      | 296   | 0      | 0 | 0   | 0        | 207     | 0               | 0       | 89      |      | 0 0 |
| 0       31 ENERGY EFFICIENCY IMPLEMENTATION       01/01/2008 12/31/2018       105       0       0       105       0       0       105       0  | -            |   |                            |       |        |   |     |          |         |                 |         |         |      |     |
| 0       38 CORROSION CONTROL       01/01/2011 12/31/2017       4       0       0       0       4       0 <td>0</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  | 0            |   |                            |       | 0      |   | 0   |          |         |                 |         |         |      |     |
| 0       72 SCRUBBER&TONNER CONNECTION IMPRO - WTP-2017 S/01/01/2017 12/31/2020       -915       0       0       -915       0<  | 0            | 38 CORROSION CONTROL                              | 01/01/2011 12/31/2017      | 4     | 0      | 0 | 0   | 0        | 4       | 0               | 0       | 0       |      | 0 0 |
| 0       73 CONTROLLED SUBSTANCES ID AND ABATEMENT- 2017 S(01/01/2017 12/31/2019)       -100       0       0       -100         | 0            | 65 SCRUBBER AND TONNER CONNECTION IMPROVEME       | NTS01/01/201612/31/2020    | 915   | 0      | 0 | 0   | 0        | 915     | 0               | 0       | 0       |      | 0 0 |
| 0       74 ENERGY EFFICIENCY IMPLEMENTATION- 2017 SC       01/01/2017 12/31/2018       25       0       0       0       25       0   | 0            | 72 SCRUBBER&TONNER CONNECTION IMPRO - WTP-20      | 17 SI01/01/2017 12/31/2020 | -915  | 0      | 0 | 0   | 0        | -915    | 0               | 0       | 0       |      | 0 0 |
| 0       75 IMPROVED TREATMENT STUDIES- 2017 SC       01/01/2017 12/31/2018       -136       0       0       0       -95       0       0       -41       0       0         0       75 IMPROVED TREATMENT STUDIES- 2017 SC       01/01/2017 12/31/2018       -136       0       0       0       -95       0       0       -41       0       0         0       WAT906334       BUSINESS SYSTEM INFRASTRUCTURE - PW       394       0       0       0       0       346       0       0       48       0       0         0       9 TRUNK RADIO - SITE UPGRADE       01/01/2015 12/31/2017       400          | 0            | 73 CONTROLLED SUBSTANCES ID AND ABATEMENT- 201    | 17 S(01/01/2017 12/31/2019 | -100  | 0      | 0 | 0   | 0        | -100    | 0               | 0       | 0       |      | 0 0 |
| Project Sub-total:       394       0       0       0       346       0       0       48       0       0         0       WAT906334       BUSINESS SYSTEM INFRASTRUCTURE - PW       0  | 0            | 74 ENERGY EFFICIENCY IMPLEMENTATION- 2017 SC      | 01/01/2017 12/31/2018      | 25    | 0      | 0 | 0   | 0        | 25      | 0               | 0       | 0       |      | 0 0 |
| 0         9 TRUNK RADIO - SITE UPGRADE         01/01/201512/31/2017         400         0 <th< td=""><td>0</td><td>75 IMPROVED TREATMENT STUDIES- 2017 SC</td><td>01/01/2017 12/31/2018</td><td>-136</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-95</td><td>0</td><td>0</td><td>-41</td><td></td><td>0 0</td></th<>   | 0            | 75 IMPROVED TREATMENT STUDIES- 2017 SC            | 01/01/2017 12/31/2018      | -136  | 0      | 0 | 0   | 0        | -95     | 0               | 0       | -41     |      | 0 0 |
| 0       9 TRUNK RADIO - SITE UPGRADE       01/01/201512/31/2017       400       0       0       0       400          |              |   | Project Sub-total:         | 394   | 0      | 0 | 0   | 0        | 346     | 0               | 0       | 48      |      | 0 0 |
| 0 12 PCS LEGACY ALARM IMPROVEMENT 01/01/2011 12/31/2017 200 0 0 0 0 200 0 0 0 0 0 0 0 0  | <u>0</u> WAT | 1906334 BUSINESS SYSTEM INFRASTRUCTURE - PW       |                            |       |        |   |     |          |         |                 |         |         |      |     |
|  | 0            | 9 TRUNK RADIO - SITE UPGRADE                      | 01/01/201512/31/2017       | 400   | 0      | 0 | 0   | 0        | 400     | 0               | 0       | 0       |      | 0 0 |
| 0 23 RELIABILITY IMPROVEMENT PROGRAM 01/01/2013 12/31/2018 795 0 0 0 0 795 0 0 0 0 0 0 0   | 0            | 12 PCS LEGACY ALARM IMPROVEMENT                   | 01/01/2011 12/31/2017      | 200   | 0      | 0 | 0   | 0        | 200     | 0               | 0       | 0       |      | 0 0 |
|  | 0            | 23 RELIABILITY IMPROVEMENT PROGRAM                | 01/01/201312/31/2018       | 795   | 0      | 0 | 0   | 0        | 795     | 0               | 0       | 0       |      | 0 0 |

DI TORONTO

## **CITY OF TORONTO**

## Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

Sub-Project Summary

| Project/    | Financing   |   | 2017                       |                                   |                    |                      |          | Financ           | ing                        |         |         |      |                       |
|-------------|---|---|----------------------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                              |   | mpletion Cash Flov<br>Date | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>o</u> wa | T906334 BUSINESS SYSTEM INFRASTRUCTURE - PW       |   |                            |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 41 SCADA UPGRADES FOR WWT                         | 01/01/201212/                                 | 31/2022 5,20               | 6 0                               | 0                  | 0                    | 0        | 5,206            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 42 PCS UPGRADES FOR WATER SUPPLY                  | 01/01/201212/                                 | /31/2017 49:               | 2 0                               | 0                  | 0                    | 0        | 492              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 67 SCADA UPGRADES FOR WWT - II                    | 01/01/201212/                                 | /31/2020 2,05              | 3 0                               | 0                  | 0                    | 0        | 2,053            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 85 NETWORK IMPROVEMENTS                           | 01/01/201612/                                 | /31/2018 2,24              | 6 0                               | 0                  | 0                    | 0        | 2,246            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 86 BLANKET CONTRACT MGMT TOOL                     | 01/01/2017 12/                                | /31/2018 5                 | 0 0                               | 0                  | 0                    | 0        | 50               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 87 PCS UPGRADES 2017                              | 01/01/2017 12/                                | 31/2019 21                 | 0 0                               | 0                  | 0                    | 0        | 210              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 88 TRUNK RADIO - EQUIPMENT                        | 01/01/2017 12/                                | 31/2018 50                 | 0 0                               | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 90 NETWORK EQUIPMENT LIFE CYCLE REPLACEMENT- 2    | 201701/01/201712/                             | /31/2017 1                 | 0 0                               | 0                  | 0                    | 0        | 10               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 91 PCS LEGACY ALARM IMPROVEMENT - 2017 SC         | 01/01/2017 12/                                | 31/2019 16                 | 6 0                               | 0                  | 0                    | 0        | 166              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 92 RELIABILITY IMPROVEMENT PROGRAM- 2017 SC       | 01/01/2017 12/                                | /31/2020 -58               | 5 0                               | 0                  | 0                    | 0        | -585             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 93 SCADA UPGRADES FOR WWT- 2017 SC                | 01/01/2017 12/                                | /31/2022 -2,65             | 0                                 | 0                  | 0                    | 0        | -2,651           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 94 SCADA UPGRADES FOR WWT - II - 2017 SC          | 01/01/2017 12/                                | 31/2020 -71                | 3 0                               | 0                  | 0                    | 0        | -718             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 95 NETWORK IMPROVEMENTS- 2017 SC                  | 01/01/2017 12/                                | /31/2018 -1,01             | 6 0                               | 0                  | 0                    | 0        | -1,016           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 96 PCS UPGRADES FOR WATER SUPPLY- 2017 SC         | 01/01/2017 12/                                | /31/2017 -1:               | 2 0                               | 0                  | 0                    | 0        | -12              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 97 SCADA SOFTWARE                                 | 01/01/2017 12/                                | 31/2021 22                 | 0 0                               | 0                  | 0                    | 0        | 220              | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-to                                | otal: 7,566                | 6 0                               | 0                  | 0                    | 0        | 7,566            | 0                          | 0       | 0       |      | 0 0                   |
| <u>o wa</u> | T906340 METERING & METER READING SYS              |   |                            |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 2 AUTOMATED METER READING SYSTEM                  | 01/01/200512/                                 | 31/2020 8,31               | 4 0                               | 0                  | 0                    | 0        | 8,314            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 18 AUTOMATED METER READING SYSTEM- 2017 SC        | 01/01/2017 12/                                | /31/2020 -2,94             | 0 0                               | 0                  | 0                    | 0        | -2,940           | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-to                                | otal: 5,374                | 0                                 | 0                  | 0                    | 0        | 5,374            | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | T906467 AVENUE ROAD TRUNKMAIN REPLACEMENT         |   |                            |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 6 JOS-AVENUE RD WM ENG-HI LEVEL-LAWRENCE          | 01/01/200512/                                 | /31/2017 9:                | 2 0                               | 0                  | 46                   | 0        | 29               | 0                          | 0       | 17      |      | 0 0                   |
| 0           | 29 JOS - AVENUE WM ENG HI LEVEL TO LAWRENCE- 2017 | 7 SI01/01/201712/                             | 31/2017 1                  | 0 0                               | 0                  | 5                    | 0        | 3                | 0                          | 0       | 2       |      | 0 0                   |
| 0           | 30 JOS - AVENUE WM CONS HI LEVELTO LAWRENCE- 201  | <b>17                                    </b> | 31/2018 22                 | 0                                 | 0                  | 111                  | 0        | 69               | 0                          | 0       | 41      |      | 0 0                   |
|             |   | Project Sub-to                                | stal: 323                  | 8 0                               | 0                  | 162                  | 0        | 101              | 0                          | 0       | 60      |      | 0 0                   |
| 0 WA        | T906470 ISLAND W.T.P. R&R                         |   |                            |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 8 CHEMICAL & RESIDUALS MANAGMENT ENGINEERING      | 01/01/201312/                                 | 31/2023 72                 | 3 0                               | 0                  | 0                    | 0        | 723              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 11 CHEMICAL & RESIDUALS MANAGEMENT CONST          | 01/01/201512/                                 | 31/2021 2,00               | 0 0                               | 0                  | 122                  | 0        | 1,878            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 30 CHEMICAL & RESIDUALS MANAGMENT ENGINEERING-    | -20 <sup>.</sup> 01/01/201712/                | 31/2024 -14                | 3 0                               | 0                  | 0                    | 0        | -143             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 31 CHEMICAL & RESIDUALS MANAGMENT CONST-2017 SC   |   |                            | 0 0                               | 0                  | 547                  | 0        | 8,453            | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-to                                | tal: 11,580                | 0 0                               | 0                  | 669                  | 0        | 10,911           | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | T906481 DISTRICT WATERMAINS - NEW                 | -   |                            |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 NEW WM  | 01/01/200512/                                 | 31/2017 51                 | 5 0                               | 0                  | 515                  | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| 0           |   | 01/01/200012/                                 | 5.72011                    | 1 3                               | 0                  | 515                  | 0        | 0                | 0                          | 0       | 0       |      | 5 0                   |

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(Phase 2) 10-Water Program

DI TORONTO

### Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

Sub-Project Summary

| Project/H   | Financing  |                              | 2017        |                                   |                    |                      |          | Financ           |                            |         |         |      |                       |
|-------------|--|------------------------------|-------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                               | Start Date Completio<br>Date | n Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>o wa</u> | T906481 DISTRICT WATERMAINS - NEW                  |                              |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 15 NEW WM - 2017 SC                                | 01/01/2017 12/31/201         | 8 -500      | 0                                 | 0                  | -500                 | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub-total:           | 15          | 0                                 | 0                  | 15                   | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | T906483 PW ENGINEERING                             |                              |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 2 CAPITAL PROGRAMMING & FACILITY ASSET PLANNING    | 01/01/2005 12/31/201         | 9 3,946     | 0                                 | 0                  | 0                    | 0        | 3,946            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 5 WATERMAIN ASSET PLANNING                         | 01/01/2007 12/31/201         | 9 1,482     | 0                                 | 0                  | 370                  | 0        | 525              | 0                          | 0       | 587     |      | 0 0                   |
| 0           | 7 EASEMENT ACQUISITION                             | 01/01/2007 12/31/201         | 7 500       | 0                                 | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 22 WATER LOSS REDUCTION STRATEGY                   | 01/01/2012 12/31/202         | 0 621       | 0                                 | 0                  | 0                    | 0        | 621              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 37 ASSET MGMT SYSTEM IMPLEMENTATION                | 01/01/201612/31/202          | 5 1,090     | 0                                 | 0                  | 273                  | 0        | 817              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 52 JOS UPDATE PHASE II                             | 01/01/201512/31/201          | 8 1,135     | 0                                 | 0                  | 568                  | 0        | -1               | 0                          | 0       | 568     |      | 0 0                   |
| 0           | 64 WATERMAIN ASSET PLANNING-2017 SC                | 01/01/2017 12/31/202         | 3 -737      | 0                                 | 0                  | -184                 | 0        | -261             | 0                          | 0       | -292    |      | 0 0                   |
| 0           | 65 ASSET MGMT SYSTEM IMPLEMENTATION-2017 SC        | 01/01/2017 12/31/202         | 4 -785      | 0                                 | 0                  | -197                 | 0        | -588             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 66 CAPITAL PROG & FACILITY ASSET PLANNING- 2017 SC | 01/01/2017 12/31/202         | 0 -2,074    | 0                                 | 0                  | 0                    | 0        | -2,074           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 68 WATER LOSS REDUCTION STRATEGY- 2017 SC          | 01/01/2017 12/31/202         | 1 -211      | 0                                 | 0                  | 0                    | 0        | -211             | 0                          | 0       | 0       |      | 0                     |
| 0           | 69 JOS UPDATE PHASE II- 2017 SC                    | 01/01/2017 12/31/201         | 9 -135      | 0                                 | 0                  | -68                  | 0        | 1                | 0                          | 0       | -68     |      | 0                     |
|             |  | Project Sub-total:           | 4,832       | 0                                 | 0                  | 762                  | 0        | 3,275            | 0                          | 0       | 795     |      | 0 (                   |
| 0 WA        | T906749 DOWNTOWN W/M ENHANCEMENT                   |                              |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 JOS - GERRARD ST WM - ENGINEERING                | 01/01/2006 12/31/201         | 7 26        | 0                                 | 0                  | 5                    | 0        | 1                | 0                          | 0       | 20      |      | 0 0                   |
| 0           | 4 JOS - GERRARD ST WM - CONSTRUCTION               | 01/01/201012/31/201          | 7 4,539     | 0                                 | 0                  | 904                  | 0        | 163              | 0                          | 0       | 3,472   |      | 0 0                   |
| 0           | 45 JOS - GERRARD ST WM - ENGINEERING- 2017 SC      | 01/01/2017 12/31/201         | 8 -12       | 0                                 | 0                  | -2                   | 0        | -1               | 0                          | 0       | -9      |      | 0 0                   |
| 0           | 46 JOS - GERRARD ST WM - CONSTRUCTION - 2017 SC    | 01/01/2017 12/31/201         | 7 -4,539    | 0                                 | 0                  | -904                 | 0        | -163             | 0                          | 0       | -3,472  |      | 0 0                   |
|             |  | Project Sub-total:           | 14          | 0                                 | 0                  | 3                    | 0        | 0                | 0                          | 0       | 11      |      | 0 0                   |
| 0 WA        | T906752 TRANSMISSION R&R                           | -                            |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 49 TRUNK WATERMAIN REHAB                           | 01/01/201312/31/201          | 8 250       | 0                                 | 0                  | 0                    | 0        | 250              | 0                          | 0       | 0       |      | 0 (                   |
| 0           | 51 CAST IRON TRUNK REPLC - PHASE 2                 | 01/01/2013 12/31/201         |             | _                                 | 0                  | 0                    | 0        | 9,354            | 0                          | 0       | 0       |      | 0 (                   |
| 0           | 52 CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING   | 01/01/2014 12/31/201         | ,           | 0                                 | 0                  | 0                    | 0        | 2,061            | 0                          | 0       | 0       |      | 0 (                   |
| 0           | 58 CAST IRON TRUNK REPLC - PHASE 3 - CONSTRUCTION  |                              | ,           | 0                                 | 0                  | 0                    | 0        | 5.500            | 0                          | 0       | 0       |      | 0 (                   |
| 0           | 74 CAST IRON TRUNK REPLC - PHASE 2 - 2017 SC       | 01/01/2017 12/31/202         |             |                                   | 0                  | 0                    | 0        | -724             | 0                          | 0       | 0       |      | 0 (                   |
| 0           | 75 TRUNK WATERMAIN REHAB- 2017 SC                  | 01/01/2017 12/31/202         | -           |                                   | 0                  | 0                    | 0        | 114              | 0                          | 0       | 0       |      | 0 (                   |
| 0           | 76 CAST IRON TRUNK REPLC - PHASE 3 - ENG- 2017 SC  | 01/01/2017 12/31/202         |             |                                   | 0                  | 0                    | 0        | -1,011           | 0                          | 0       | 0       |      | 0 (                   |
| 0           | 77 CAST IRON TRUNK REPLC - PHASE 3 - CONS- 2017 SC | 01/01/2017 12/31/201         |             | 0                                 | 0                  | 0                    | 0        | -2,300           | 0                          | 0       | 0       |      | 0 (                   |
| -           |  | Project Sub-total:           | 13,244      | 0                                 | 0                  | 0                    | 0        | 13,244           | 0                          | 0       | 0       |      | 0 0                   |
| 0 14/4      |  |                              |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
|             | TPO6900 TRANSMISSION R&R                           | 04/04/2006 42/24/204         | 0 750       | 0                                 | 0                  | 0                    | 0        | 750              | 0                          | 0       | 0       |      | o ,                   |
| 0           | 1 TRANS FACILITIES REHAB                           | 01/01/200612/31/201          | 8 750       | 0                                 | 0                  | 0                    | 0        | 750              | 0                          | 0       | 0       |      | 0 0                   |

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### Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

Sub-Project Summary

| Project/F   | inancing   |                               | 2017      |                                   |                    |                      |          | Financ           | ing                        |         |         |      |                       |
|-------------|--|-------------------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority I  | Project Project Name                                 | Start Date Completion<br>Date | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>0 WA</u> | T906900 TRANSMISSION R&R                             |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 26 SCARBOROUGH PS - PUMP REPLC                       | 01/01/201312/31/2017          | 145       | 0                                 | 0                  | 0                    | 0        | 145              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 27 EGLINTON PS - PUMP REPLC                          | 01/01/201312/31/2017          | 228       | 0                                 | 0                  | 0                    | 0        | 228              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 36 ST CLAIR RESERVOIR REHAB/WATER QUALITY PROTEC     | <b>F</b> 01/01/201412/31/2019 | 17,353    | 0                                 | 0                  | 0                    | 0        | 17,353           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 48 ROSEHILL RESERVOIR                                | 01/01/201512/31/2019          | 11,479    | 0                                 | 0                  | 0                    | 0        | 11,479           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 49 DOWNSVIEW PS & CONNECTOR EA                       | 01/01/201512/31/2017          | 410       | 0                                 | 0                  | 0                    | 0        | 410              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 50 PARKDALE PS REHABILITATION                        | 01/01/201512/31/2019          | 3,580     | 0                                 | 0                  | 0                    | 0        | 3,580            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 51 ROSEHILL PS REHAB                                 | 01/01/201512/31/2021          | 1,786     | 0                                 | 0                  | 0                    | 0        | 1,786            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 67 PUMP REPLACEMENTS                                 | 01/01/201612/31/2019          | 900       | 0                                 | 0                  | 0                    | 0        | 900              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 72 RESERVOIR REHAB - PHASE 2 - ENG                   | 01/01/2017 12/31/2026         | 200       | 0                                 | 0                  | 0                    | 0        | 200              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 74 PS REHAB - PHASE 2 - ENG                          | 01/01/2017 12/31/2026         | 500       | 0                                 | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 75 ST CLAIR RESERVOIR REHAB/WATER QUALITY-2017 SC    | 01/01/2017 12/31/2021         | -9,003    | 0                                 | 0                  | 0                    | 0        | -9,003           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 76 ROSEHILL RESERVOIR-2017 SC                        | 01/01/2017 12/31/2023         | -9,229    | 0                                 | 0                  | 0                    | 0        | -9,229           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 77 PARKDALE PS REHABILITATION-2017 SC                | 01/01/2017 12/31/2021         | -2,385    | 0                                 | 0                  | 0                    | 0        | -2,385           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 78 SCARBOROUGH PS - PUMP REPLC- 2017 SC              | 01/01/2017 12/31/2017         | 5         | 0                                 | 0                  | 0                    | 0        | 5                | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 79 EGLINTON PS - PUMP REPLC- 2017 SC                 | 01/01/2017 12/31/2017         | 25        | 0                                 | 0                  | 0                    | 0        | 25               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 80 DOWNSVIEW PS & CONNECTOR EA- 2017 SC              | 01/01/2017 12/31/2018         | -85       | 0                                 | 0                  | 0                    | 0        | -85              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 81 ROSEHILL PS REHAB- 2017 SC                        | 01/01/2017 12/31/2021         | 33        | 0                                 | 0                  | 0                    | 0        | 33               | 0                          | 0       | 0       |      | 0 0                   |
|             | F  | roject Sub-total:             | 16,692    | 0                                 | 0                  | 0                    | 0        | 16,692           | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 WA</u> | T906902 HARRIS W.T.P. R&R                            |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 3 FACILITY & PROCESS UPGRADES                        | 01/01/2006 12/31/2017         | 500       | 0                                 | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 21 HVAC REHAB CONSTRUCTION                           | 01/01/201012/31/2018          | 2,766     | 0                                 | 0                  | 0                    | 0        | 2,766            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 29 HARRIS FILTERS REHABILITATION - PILOT             | 01/01/201512/31/2018          | 3,620     | 0                                 | 0                  | 0                    | 0        | 3,620            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 56 REHAB OF SETTLING BASIN ROOF & SLUICE GATES       | 01/01/2014 12/31/2019         | 9,579     | 0                                 | 0                  | 0                    | 0        | 9,579            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 81 LIQUID CHEMICAL SYSTEM IMPROVEMENTS               | 01/01/201512/31/2019          | 1,450     | 0                                 | 0                  | 0                    | 0        | 1,450            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 98 HERITAGE MASONRY AND ARCHITECTURAL RESTORATION    | 01/01/201612/31/2021          | 200       | 0                                 | 0                  | 0                    | 0        | 200              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 99 CONTROL ROOM RELOCATION                           | 01/01/201612/31/2017          | 593       | 0                                 | 0                  | 0                    | 0        | 593              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 100 EMERGENCY STANDBY POWER                          | 01/01/201612/31/2018          | 895       | 0                                 | 0                  | 0                    | 0        | 895              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 102 PHONE SYSTEM UPGRADE                             | 01/01/201612/31/2017          | 510       | 0                                 | 0                  | 0                    | 0        | 510              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 109 REHAB OF SETTLING BASIN ROOF & SLUICE GATES-2017 | 01/01/2017 12/31/2021         | -279      | 0                                 | 0                  | 0                    | 0        | -279             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 110 HARRIS FILTERS REHABILITATION - PILOT-2017 SC    | 01/01/2017 12/31/2019         | -2,970    | 0                                 | 0                  | 0                    | 0        | -2,970           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 111 CONTROL ROOM RELOCATION-2017 SC                  | 01/01/2017 12/31/2018         | -518      | 0                                 | 0                  | 0                    | 0        | -518             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 113 PHONE SYSTEM UPGRADE-2017 SC                     | 01/01/2017 12/31/2019         | -510      | 0                                 | 0                  | 0                    | 0        | -510             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 115 HVAC REHAB CONSTRUCTION- 2017 SC                 | 01/01/2017 12/31/2019         | -1,205    | 0                                 | 0                  | 0                    | 0        | -1,205           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 116 LIQUID CHEMICAL SYSTEM IMPROVEMENTS- 2017 SC     | 01/01/2017 12/31/2020         | -989      | 0                                 | 0                  | 0                    | 0        | -989             | 0                          | 0       | 0       |      | 0 0                   |

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Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5

# DI TORONTO

## **CITY OF TORONTO**

Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

| Project           | /Financing  |                               | 2017      |                                   | air.               |                      |          | Financ           | <u> </u>                   |         |         |      |                     |
|-------------------|---|-------------------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|---------------------|
| Priority          | Project Project Name  | Start Date Completion<br>Date | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverab |
| <u>o</u> w        | AT906902 HARRIS W.T.P. R&R  |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                     |
| 0                 | 118 EMERGENCY STANDBY POWER- 2017 SC  | 01/01/2017 12/31/2019         | -395      | 0                                 | 0                  | 0                    | 0        | -395             | 0                          | 0       | 0       |      | 0                   |
|                   | Р   | roject Sub-total:             | 13,247    | 0                                 | 0                  | 0                    | 0        | 13,247           | 0                          | 0       | 0       |      | 0                   |
| 0 W.              | AT906903 FJ HORGAN W.T.P. R&R   |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                     |
| 0                 | 5 FACILITY & PROCESS UPGRADES   | 01/01/2006 12/31/2017         | 516       | 0                                 | 0                  | 0                    | 0        | 516              | 0                          | 0       | 0       |      | 0                   |
| 0                 | 8 RAW WATER PUMP UGRADES  | 01/01/2016 12/31/2017         | 469       | 0                                 | 0                  | 0                    | 0        | 469              | 0                          | 0       | 0       |      | 0                   |
| 0                 | 15 REPLACEMENT OF MCCS  | 01/01/201312/31/2022          | 2,315     | 0                                 | 0                  | 0                    | 0        | 2,315            | 0                          | 0       | 0       |      | 0                   |
| 0                 | 31 BUILDING FIRE, HVAC, LIGHTING UPGRADES   | 01/01/2016 12/31/2021         | 855       | 0                                 | 0                  | 0                    | 0        | 855              | 0                          | 0       | 0       |      | 0                   |
| 0                 | 32 ELEC GROUNDING SYSTEM & BULK CHEM UNLOADING  | 01/01/2015 12/31/2019         | 550       | 0                                 | 0                  | 0                    | 0        | 550              | 0                          | 0       | 0       |      | 0                   |
| 0                 | 34 TREATED WATER PUMP UPGRADES  | 01/01/2015 12/31/2017         | 1,890     | 0                                 | 0                  | 0                    | 0        | 1,890            | 0                          | 0       | 0       |      | 0                   |
| 0                 | 53 FACILITY & PROCESS UPGRADES- 2017 SC   | 01/01/2017 12/31/2018         | 240       | 0                                 | 0                  | 0                    | 0        | 240              | 0                          | 0       | 0       |      | 0                   |
| 0                 | 54 REPLACEMENT OF MCCS- 2017 SC   | 01/01/2017 12/31/2020         | -57       | 0                                 | 0                  | 0                    | 0        | -57              | 0                          | 0       | 0       |      | 0                   |
| 0                 | 55 RAW WATER PUMP UGRADES- 2017 SC  | 01/01/2017 12/31/2017         | 52        | 0                                 | 0                  | 0                    | 0        | 52               | 0                          | 0       | 0       |      | 0                   |
| 0                 | 56 ELEC GROUNDING SYS & STANDBY POWER OPTIMI- 201   | 701/01/2017 12/31/2019        | -500      | 0                                 | 0                  | 0                    | 0        | -500             | 0                          | 0       | 0       |      | 0                   |
| 0                 | 57 TREATED WATER PUMP UPGRADES- 2017 SC   | 01/01/2017 12/31/2017         | -364      | 0                                 | 0                  | 0                    | 0        | -364             | 0                          | 0       | 0       |      | 0                   |
| 0                 | 58 BUILDING FIRE, HVAC, LIGHTING UPGRADES- 2017 SC  | 01/01/2017 12/31/2019         | -597      | 0                                 | 0                  | 0                    | 0        | -597             | 0                          | 0       | 0       |      | 0                   |
|                   | Р   | roject Sub-total:             | 5,369     | 0                                 | 0                  | 0                    | 0        | 5,369            | 0                          | 0       | 0       |      | 0                   |
| 0 W               | AT906906 TRUNK WATERMAIN EXPANSION  |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                     |
|                   | 25 JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG   | 01/01/2009 12/31/2020         | 784       | 0                                 | 0                  | 375                  | 0        | 231              | 0                          | 0       | 178     |      | 0                   |
| 0                 | 66 JOS - WM Scar PS to St. Clair&Midland (CONST)  | 01/01/2017 12/31/2020         | 2,000     | 0                                 | 0                  | 958                  | 0        | 588              | 0                          | 0       | 454     |      | 0                   |
| 0                 | 69 JOS WM from Scar PS to St.Clair&Midland ENG 2017SC                                     | 01/01/2017 12/31/2021         | -384      | 0                                 | 0                  | -183                 | 0        | -114             | 0                          | 0       | -87     |      | 0                   |
|                   | Р   | roject Sub-total:             | 2,400     | 0                                 | 0                  | 1,150                | 0        | 705              | 0                          | 0       | 545     |      | 0                   |
| 0 W.              | AT906914 SWITCH GEAR TRANSFORMER  |                               |           |                                   |                    | ,                    |          |                  |                            |         |         |      |                     |
| 0                 | 13 INDOOR/OUTDOOR SWITCHGEAR (PHASE 3)  | 01/01/2012 12/31/2017         | 3,913     | 0                                 | 0                  | 0                    | 0        | 3,913            | 0                          | 0       | 0       |      | 0                   |
| 0                 | 30 INDOOR/OUTDOOR SWITCHGEAR (PHASE 3)<br>30 INDOOR/OUTDOOR SWITCHGEAR (PHASE 3)- 2017 SC | 01/01/2012 12/31/2017         |           | 0                                 | 0                  | 0                    | 0        | -1,663           | 0                          | 0       | 0       |      | 0                   |
| 0                 |   | roject Sub-total:             | 2,250     | 0                                 | 0                  | 0                    | 0        | 2,250            | 0                          | 0       | 0       |      | 0                   |
|                   |   | roject Sub-total.             | 2,250     | 0                                 | 0                  | 0                    | 0        | 2,250            | 0                          | 0       | 0       |      | 0                   |
|                   | AT906917 TRANSMISSION OPERATIONS OPTIMIZER  |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                     |
| 0                 | 8 TRANSMISSION OPERATIONS OPTIMIZER   | 01/01/2014 12/31/2018         | 257       | 0                                 | 0                  | 0                    | 0        | 119              | 0                          | 0       | 138     |      | 0                   |
| 0                 | 12 TRANSMISSION OPERATIONS OPTIMIZER- 2017 SC   | 01/01/2017 12/31/2018         | -7        | 0                                 | 0                  | 0                    | 0        | -36              | 0                          | 0       | 29      |      | 0                   |
|                   | P   | roject Sub-total:             | 250       | 0                                 | 0                  | 0                    | 0        | 83               | 0                          | 0       | 167     |      | 0                   |
| <u>o</u> <u>w</u> | AT906918 WATER SUSTAINABILITY PROGRAM   |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                     |
| 0                 | 1 WATER SUSTAINABILITY PROGRAM  | 01/01/201312/31/2019          | 17,341    | 0                                 | 0                  | 1,054                | 0        | 11,067           | 0                          | 0       | 5,220   |      | 0                   |
| 0                 | 12 STANDBY POWER - ROSEHILL   | 01/01/201512/31/2021          | 3,344     | 0                                 | 0                  | 201                  | 0        | 2,140            | 0                          | 0       | 1,003   |      | 0                   |
| 0                 | 19 WATER SUSTAINABILITY STANDBY POWER-ELLESMERE2  | 101/01/2017 12/31/2020        | -12,041   | 0                                 | 0                  | -732                 | 0        | -7,684           | 0                          | 0       | -3,625  |      | 0                   |

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Report P2-1A

(Phase 2) 10-Water Program

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Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5

**CITY OF TORONTO** 

### Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

| •          | Financing  |                                | 2017      | Denvel 1.1                        | Fact 1             | David                | ID       | Financ           |                            | 011     | 0/1-0-1 | <b>D</b> .1.1 |                       |
|------------|--|--------------------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|---------------|-----------------------|
| Priority   | Project Project Name                             | Start Date Completion<br>Date  | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt          | Debt -<br>Recoverable |
| <u>o w</u> | AT906918 WATER SUSTAINABILITY PROGRAM            |                                |           |                                   |                    |                      |          |                  |                            |         |         |               |                       |
| 0          | 20 STANDBY POWER - ROSEHILL- 2017 SC             | 01/01/2017 12/31/2022          | 49        | 0                                 | 0                  | 3                    | 0        | 31               | 0                          | 0       | 15      |               | 0 0                   |
|            | I  | Project Sub-total:             | 8,693     | 0                                 | 0                  | 526                  | 0        | 5,554            | 0                          | 0       | 2,613   |               | 0 0                   |
| 0 W        | AT906919 RL CLARK W.T.P. R&R                     |                                |           |                                   |                    |                      |          |                  |                            |         |         |               |                       |
| 0          | 1 FACILITY & PROCESS UPGRADES                    | 01/01/2006 12/31/2018          | 150       | 0                                 | 0                  | 0                    | 0        | 150              | 0                          | 0       | 0       |               | 0 (                   |
| 0          | 8 PROCESS EQUIPMENT UPGRADE ENGINEERING          | 01/01/2008 12/31/2020          | 1,264     | 0                                 | 0                  | 77                   | 0        | 1,187            | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 15 PROCESS EQUIPMENT UPGRADE CONSTRUCTION        | 01/01/201012/31/2019           | 15,112    | 0                                 | 0                  | 919                  | 0        | 14,193           | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 44 EVACUATION AND COMMUNICATION SYSTEMS          | 01/01/201312/31/2018           | 308       | 0                                 | 0                  | 0                    | 0        | 308              | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 68 PROCESS EQUIPMENT UPGRADE ENGINEERING-2017 S  | C01/01/2017 12/31/2022         | -904      | 0                                 | 0                  | -55                  | 0        | -849             | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 69 PROCESS EQUIPMENT UPGRADE CONSTRUCTION-2017   | <b>\$01/01/2017 12/31/2020</b> | -5,300    | 0                                 | 0                  | -322                 | 0        | -4,978           | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 70 FACILITY & PROCESS UPGRADES- 2017 SC          | 01/01/2017 12/31/2018          | 50        | 0                                 | 0                  | 0                    | 0        | 50               | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 71 EVACUATION AND COMMUNICATION SYSTEMS- 2017 SC | 01/01/2017 12/31/2019          | 66        | 0                                 | 0                  | 0                    | 0        | 66               | 0                          | 0       | 0       |               | 0 (                   |
|            |  | Project Sub-total:             | 10,746    | 0                                 | 0                  | 619                  | 0        | 10,127           | 0                          | 0       | 0       |               | 0 (                   |
| 0 W        | AT906930 DIST W/M REPLACEMENT                    |                                |           |                                   |                    |                      |          |                  |                            |         |         |               |                       |
| 0          | 14 2010 WM REPLC                                 | 01/01/201012/31/2017           | 5         | 0                                 | 0                  | 0                    | 0        | 5                | 0                          | 0       | 0       |               | 0 (                   |
| 0          | 21 2011 WM REPLC                                 | 01/01/2011 12/31/2017          | 4         | 0                                 | 0                  | 0                    | 0        | 4                | 0                          | 0       | 0       |               | 0 (                   |
| 0          | 29 DIST W/M REPLC - 2012                         | 05/27/2011 12/31/2017          | 113       | 0                                 | 0                  | 0                    | 0        | 113              | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 39 2013 WM REPLC - SOGR                          | 01/01/201312/31/2017           | 1         | 0                                 | 0                  | 0                    | 0        | 1                | 0                          | 0       | 0       |               | 0 (                   |
| 0          | 51 DIST W/M REPLACEMENT - 2014                   | 01/01/201412/31/2017           | 402       | 0                                 | 0                  | 0                    | 0        | 402              | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 52 WATERMAIN UPGRADES - 2014                     | 01/01/201412/31/2017           | 400       | 0                                 | 0                  | 0                    | 0        | 400              | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 55 WATERMAIN REPLACEMENT - METROLINX             | 01/01/201412/31/2019           | 1,045     | 0                                 | 0                  | 0                    | 0        | 1,045            | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 59 2013 WM REPLC - UPGRADES                      | 01/01/201512/31/2017           | 5         | 0                                 | 0                  | 2                    | 0        | 3                | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 63 DIST W/M REPLACEMENT - 2015                   | 01/01/201512/31/2018           | 4,691     | 0                                 | 0                  | 729                  | 0        | 3,962            | 0                          | 0       | 0       |               | 0 (                   |
| 0          | 64 WATERMAIN UPGRADES - 2015                     | 01/01/201512/31/2017           | 338       | 0                                 | 0                  | 105                  | 0        | 233              | 0                          | 0       | 0       |               | 0                     |
| 0          | 73 DIST W/M REPLACEMENT - 2016                   | 01/01/201612/31/2018           | 19,562    | 0                                 | 0                  | 3,042                | 0        | 16,520           | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 74 WATERMAIN UPGRADES - 2016                     | 01/01/201612/31/2018           | 3,470     | 0                                 | 0                  | 1,080                | 0        | 2,390            | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 82 DIST W/M REPLACEMENT - 2015-2017 SC           | 01/01/2017 12/31/2018          | -3,738    | 0                                 | 0                  | -581                 | 0        | -3,157           | 0                          | 0       | 0       |               | 0 (                   |
| 0          | 83 DIST W/M REPLACEMENT - 2017                   | 01/01/2017 12/31/2019          | 51,296    | 0                                 | 0                  | 7,977                | 0        | 43,319           | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 84 WATERMAIN UPGRADES - 2017                     | 01/01/2017 12/31/2019          | 10,333    | 0                                 | 0                  | 3,215                | 0        | 7,118            | 0                          | 0       | 0       |               | 0                     |
| 0          | 87 2010 WM REPLC- 2017 SC                        | 01/01/2017 12/31/2017          | 1         | 0                                 | 0                  | 0                    | 0        | 1                | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 88 DIST W/M REPLC - 2012- 2017 SC                | 01/01/2017 12/31/2017          | 90        | 0                                 | 0                  | 0                    | 0        | 90               | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 89 2013 WM REPLC - SOGR- 2017 SC                 | 01/01/2017 12/31/2017          | 10        | 0                                 | 0                  | 0                    | 0        | 10               | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 91 DIST W/M REPLACEMENT - 2014- 2017 SC          | 01/01/2017 12/31/2018          | -401      | 0                                 | 0                  | 0                    | 0        | -401             | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 92 WATERMAIN UPGRADES - 2014- 2017 SC            | 01/01/2017 12/31/2017          | -400      | 0                                 | 0                  | 0                    | 0        | -400             | 0                          | 0       | 0       |               | 0 0                   |
| 0          | 93 WATERMAIN REPLACEMENT - METROLINX- 2017 SC    | 01/01/2017 12/31/2021          | -712      | 0                                 | 0                  | 0                    | 0        | -712             | 0                          | 0       | 0       |               | 0 0                   |

(Phase 2) 10-Water Program Sub-Project Ca

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### CITY OF TORONTO Appendix 5: 2017 Capital Projects with Financing Detail Water Program

Sub-Project Summary

| Project/F   | Financing  |                               | 2017      |                                   |                    |                      |          | Financ           | cing                       |         |         |      |                       |
|-------------|--|-------------------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                             | Start Date Completion<br>Date | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>0 WA</u> | T906930 DIST W/M REPLACEMENT                     |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 94 WATERMAIN UPGRADES - 2015- 2017 SC            | 01/01/2017 12/31/2017         | -191      | 0                                 | 0                  | -59                  | 0        | -132             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 95 DIST W/M REPLACEMENT - 2016- 2017 SC          | 01/01/2017 12/31/2019         | 3,443     | 0                                 | 0                  | 535                  | 0        | 2,908            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 96 WATERMAIN UPGRADES - 2016- 2017 SC            | 01/01/2017 12/31/2018         | 1,086     | 0                                 | 0                  | 337                  | 0        | 749              | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub-total:            | 90,853    | 0                                 | 0                  | 16,382               | 0        | 74,471           | 0                          | 0       | 0       |      | 0 0                   |
| <u>o wa</u> | T906932 DIST W/M REHABILITATION                  |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 4 HYDRANT & VALVE REPAIR                         | 01/01/2007 12/31/2017         | 2,193     | 0                                 | 0                  | 0                    | 0        | 2,193            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 6 WATERMAIN STRUCTURAL LINING                    | 01/01/2007 12/31/2020         | 52,318    | 0                                 | 0                  | 0                    | 0        | 52,318           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 7 CATHODIC PROTECTION                            | 01/01/2007 12/31/2018         | 5,298     | 0                                 | 0                  | 0                    | 0        | 5,298            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 30 CUT REPAIR                                    | 01/01/2007 12/31/2017         | 2,933     | 0                                 | 0                  | 0                    | 0        | 2,933            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 50 HYDRANT & VALVE REPAIR-2017 SC                | 01/01/2017 12/31/2017         | 127       | 0                                 | 0                  | 0                    | 0        | 127              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 51 CUT REPAIR-2017 SC                            | 01/01/2017 12/31/2018         | 367       | 0                                 | 0                  | 0                    | 0        | 367              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 52 WATERMAIN STRUCTURAL LINING-2017 SC           | 01/01/2017 12/31/2024         | 15,726    | 0                                 | 0                  | 0                    | 0        | 4,449            | 0                          | 0       | 11,277  |      | 0 0                   |
| 0           | 54 CATHODIC PROTECTION- 2017 SC                  | 01/01/2017 12/31/2018         | -1,198    | 0                                 | 0                  | 0                    | 0        | -1,198           | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub-total:            | 77,764    | 0                                 | 0                  | 0                    | 0        | 66,487           | 0                          | 0       | 11,277  |      | 0 0                   |
| 0 WA        | T906934 DIST WATER SERVICE REPAIR                |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 12 WATER SERVICE REPAIR - LEAD PROGRAM           | 01/01/2008 12/31/2018         | 18,219    | 0                                 | 0                  | 0                    | 0        | 18,219           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 19 2010 WSR                                      | 01/01/2015 12/31/2017         | 5         | 0                                 | 0                  | 0                    | 0        | 5                | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 32 WSR CUT REPAIR                                | 01/01/2012 12/31/2017         | 1,750     | 0                                 | 0                  | 0                    | 0        | 1,750            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 39 2012 WATER SERVICE REPLC - SOGR               | 01/01/2012 12/31/2017         | 35        | 0                                 | 0                  | 0                    | 0        | 35               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 41 2013 WSR                                      | 01/01/2013 12/31/2017         | 11        | 0                                 | 0                  | 0                    | 0        | 11               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 52 2014 WATER SERVICE REPLACEMENT - SOGR         | 01/01/2014 12/31/2017         | 11        | 0                                 | 0                  | 0                    | 0        | 11               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 59 2015 WATER SERVICE REPLACEMENT - SOGR         | 01/01/2015 12/31/2019         | 2,277     | 0                                 | 0                  | 0                    | 0        | 2,277            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 68 2016 WATER SERVICE REPLACEMENT - SOGR         | 01/01/2016 12/31/2018         | 12,062    | 0                                 | 0                  | 0                    | 0        | 12,062           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 71 WATER SERVICE REPAIR - WM REHAB PROGRAM       | 01/01/2016 12/31/2017         | 7,449     | 0                                 | 0                  | 0                    | 0        | 7,449            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 74 REPLACEMENT OF FROZEN SERVICES                | 01/01/201612/31/2018          | 1,000     | 0                                 | 0                  | 0                    | 0        | 1,000            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 75 WSR CUT REPAIRS WITH WM SL                    | 01/01/2016 12/31/2017         | 1,750     | 0                                 | 0                  | 0                    | 0        | 1,750            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 78 2011 WSR                                      | 01/01/2016 12/31/2017         | 14        | 0                                 | 0                  | 0                    | 0        | 14               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 80 WATER SERVICE REPAIR - LEAD PROGRAM-2017 SC   | 01/01/2017 12/31/2020         | -6,716    | 0                                 | 0                  | 0                    | 0        | -6,716           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 81 WSR CUT REPAIR-2017 SC                        | 01/01/2017 12/31/2018         | -250      | 0                                 | 0                  | 0                    | 0        | -250             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 82 WATER SERVICE REPAIR - WM REHAB PROGRAM-2017  | 7 S(01/01/201712/31/2020      | 1,723     | 0                                 | 0                  | 0                    | 0        | 1,723            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 83 WSR CUT REPAIRS WITH WM SL-2017 SC            | 01/01/2017 12/31/2018         | -250      | 0                                 | 0                  | 0                    | 0        | -250             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 84 2017 WATER SERVICE REPLACEMENT - SOGR         | 01/01/2017 12/31/2019         | 10,000    | 0                                 | 0                  | 0                    | 0        | 10,000           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 87 2011 WSR- 2017 SC                             | 01/01/2017 12/31/2017         | 1         | 0                                 | 0                  | 0                    | 0        | 1                | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 90 2015 WATER SERVICE REPLACEMENT - SOGR- 2017 S | C 01/01/2017 12/31/2019       | -712      | 0                                 | 0                  | 0                    | 0        | -712             | 0                          | 0       | 0       |      | 0 0                   |

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### Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

Sub-Project Summary

| Project/   | Financing  | []                            | 2017      |                                   |                    | T                    |          | Financ           |                            |         |         |      |                       |
|------------|--|-------------------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority   | Project Project Name                               | Start Date Completior<br>Date | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>o w</u> | AT906934 DIST WATER SERVICE REPAIR                 |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 91 2016 WATER SERVICE REPLACEMENT - SOGR- 2017 SC  | 01/01/2017 12/31/2018         | -8,622    | 0                                 | 0                  | 0                    | 0        | -8,622           | 0                          | 0       | 0       |      | 0 0                   |
|            | F  | Project Sub-total:            | 39,757    | 0                                 | 0                  | 0                    | 0        | 39,757           | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AT906935 NEW SERVICE CONNECTIONS                   |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 2 NEW SERVICE CONNECTIONS - CUT REPAIRS            | 01/01/2008 12/31/2017         | 5,000     | 0                                 | 0                  | 0                    | 0        | 5,000            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 7 NEW SERVICE CONNECTIONS - SITE SERVICING         | 01/01/2010 12/31/2018         | 22,000    | 0                                 | 0                  | 0                    | 0        | 22,000           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 22 NEW SERVICE CONNECTIONS - SITE SERVICING-2017 S | C01/01/2017 12/31/2018        | 8,000     | 0                                 | 0                  | 0                    | 0        | 8,000            | 0                          | 0       | 0       |      | 0 0                   |
|            | F  | Project Sub-total:            | 35,000    | 0                                 | 0                  | 0                    | 0        | 35,000           | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AT906951 ENGINEERING                               |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 2 CONSULTING FEES                                  | 01/01/2006 12/31/202          | 11,563    | 0                                 | 0                  | 0                    | 0        | 11,563           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 63 ROAD RESTORATION                                | 01/01/2006 12/31/2017         | 6,005     | 0                                 | 0                  | 0                    | 0        | 6,005            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 69 LEGAL SERVICES SALARIES                         | 01/01/2017 12/31/2017         | 205       | 0                                 | 0                  | 0                    | 0        | 205              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 70 ECS SALARIES                                    | 01/01/2017 12/31/2017         | 13,458    | 0                                 | 0                  | 0                    | 0        | 13,458           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 71 PPFA SALARIES                                   | 01/01/2017 12/31/2017         | 2,292     | 0                                 | 0                  | 0                    | 0        | 2,292            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 72 ROAD RESTORATION- 2017 SC                       | 01/01/2017 12/31/2018         | -4,005    | 0                                 | 0                  | 0                    | 0        | -4,005           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 73 CONSULTING FEES- 2017 SC                        | 01/01/2017 12/31/2026         | 5 1,182   | 0                                 | 0                  | 0                    | 0        | 1,182            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 74 PMMD SALARIES                                   | 01/01/2017 12/31/2017         | 263       | 0                                 | 0                  | 0                    | 0        | 263              | 0                          | 0       | 0       |      | 0 0                   |
|            | F  | Project Sub-total:            | 30,963    | 0                                 | 0                  | 0                    | 0        | 30,963           | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AT906977 ISLAND W.T.P. R&R                         |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 1 FACILITY & PROCESS UPGRADES                      | 01/01/2006 12/31/2018         | 1,482     | 0                                 | 0                  | 0                    | 0        | 1,482            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 12 FACILITY UPGRADE - FORMER MARINE YARD           | 01/01/2011 12/31/2017         | 2,320     | 0                                 | 0                  | 0                    | 0        | 2,320            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 25 ISLAND FILTER AIR SCOUR SYSTEM                  | 01/01/2009 12/31/2017         | 7 5       | 0                                 | 0                  | 0                    | 0        | 5                | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 32 TRAVELLING SCREEN REPLACEMENT                   | 01/01/2015 12/31/2020         | 1,266     | 0                                 | 0                  | 0                    | 0        | 1,266            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 50 AMMONIA AND FLUORIDE SYSTEM UPGRADES            | 01/01/2014 12/31/2019         | 2,738     | 0                                 | 0                  | 0                    | 0        | 2,738            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 51 CHEMICAL SYSTEMS` ELECTRICAL FEED DISTRIBUTION  | 01/01/2014 12/31/2017         | 26        | 0                                 | 0                  | 0                    | 0        | 26               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 69 Generators` DR3 Program                         | 01/01/2015 12/31/2018         | 695       | 0                                 | 0                  | 0                    | 0        | 695              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 70 PLANTWIDE HVAC UPGRADES                         | 01/01/2015 12/31/2018         | 1,151     | 0                                 | 0                  | 0                    | 0        | 1,151            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 83 RAW WATER INTAKE CLEANING                       | 01/01/2016 12/31/2017         | 7 1,090   | 0                                 | 0                  | 0                    | 0        | 1,090            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 89 FACILITY & PROCESS UPGRADES-2017 SC             | 01/01/2017 12/31/2017         | -865      | 0                                 | 0                  | 0                    | 0        | -865             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 90 FACILITY UPGRADE - FORMER MARINE YARD-2017 SC   | 01/01/2017 12/31/2019         | -1,370    | 0                                 | 0                  | 0                    | 0        | -1,370           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 91 TRAVELLING SCREEN REPLACEMENT-2017 SC           | 01/01/2017 12/31/2020         | 370       | 0                                 | 0                  | 0                    | 0        | 370              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 92 Generators` DR3 Program-2017 SC                 | 01/01/2017 12/31/2020         | -695      | 0                                 | 0                  | 0                    | 0        | -695             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 93 RAW WATER INTAKE CLEANING-2017 SC               | 01/01/2017 12/31/2018         | -940      | 0                                 | 0                  | 0                    | 0        | -940             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 96 ISLAND ENWAVE/RETROFIT PROJECT- 2017 SC         | 01/01/2017 12/31/2017         | 7 4       | 0                                 | 0                  | 0                    | 0        | 4                | 0                          | 0       | 0       |      | 0 0                   |

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**CITY OF TORONTO** 

### Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

Sub-Project Summary

| Project/   | Financing  |   | 2017        |                                   |                    |                      |          | Financ           | cing                       |         |         |      |                       |
|------------|--|---|-------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority   | Project Project Name                                 | Start Date Completio<br>Date                    | n Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>0 W</u> | AT906977 ISLAND W.T.P. R&R                           |   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 97 AMMONIA AND FLUORIDE SYSTEM UPGRADES- 2017 SC     | 01/01/2017 12/31/202                            | .0 -2,459   | 0                                 | 0                  | 0                    | 0        | -2,459           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 98 CHEMICAL SYSTEMS` ELEC FEED DISTRIBUTION- 2017 \$ | <b>S(</b> 01/01/2017 12/31/20 <sup>.</sup>      | 8 4         | . 0                               | 0                  | 0                    | 0        | 4                | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 99 PLANTWIDE HVAC UPGRADES- 2017 SC                  | 01/01/2017 12/31/202                            | .0 -525     | 0                                 | 0                  | 0                    | 0        | -525             | 0                          | 0       | 0       |      | 0 0                   |
|            | I  | Project Sub-total:                              | 4,297       | 0                                 | 0                  | 0                    | 0        | 4,297            | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AT907353 LAWRENCE ALLAN REVITALIZATION PLAN          |   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 1 LAWRENCE ALLAN REVITALIZATION PLAN - INTERNAL      | 01/01/201312/31/20                              | 9 6,613     | 0                                 | 0                  | 6,613                | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 2 LAWRENCE ALLAN REVITALIZATION PLAN - EXTERNAL      | 01/01/201312/31/20                              | 7 4,592     | 0                                 | 0                  | 4,592                | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 9 LAWRENCE ALLAN REVITALIZATION PLAN INTERNAL 201    | 701/01/2017 12/31/202                           | .0 -3,613   | 0                                 | 0                  | -3,613               | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 10 LAWRENCE ALLAN REVITALIZATION PLAN EXTERNAL 20    | 1 <sup>.</sup> 01/01/2017 12/31/20 <sup>.</sup> | 9 -4,092    | 0                                 | 0                  | -4,092               | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
|            | I  | Project Sub-total:                              | 3,500       | 0                                 | 0                  | 3,500                | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 W</u> | AT907558 REGENT PARK CAPITAL CONTRIBUTION            |   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 1 REGENT PARK CAPITAL CONTRIBUTION - PHASE 2         | 01/01/2011 12/31/202                            | 2 596       | 0                                 | 0                  | 596                  | 0        | 0                | 0                          | 0       | 0       |      | 0                     |
| 0          | 13 REGENT PARK CAPITAL CONTRIBUTION PHASE 2- 2017    | SI01/01/2017 12/31/202                          | 2 -596      | 0                                 | 0                  | -596                 | 0        | 0                | 0                          | 0       | 0       |      | 0                     |
| 0          | 14 REGENT PARK CAPITAL CONTRIBUTION - PHASE 3 - 5    | 01/01/2017 12/31/202                            | .4 812      | 0                                 | 0                  | 812                  | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
|            | 1  | Project Sub-total:                              | 812         | 0                                 | 0                  | 812                  | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AT907946 BUSINESS IT PROJECTS                        |   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 7 ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT          | 01/01/2014 12/31/202                            | 2,409       | 0                                 | 0                  | 0                    | 0        | 2,409            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 16 ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT-        | 201/01/2017 12/31/202                           | 3 -1,679    | 0                                 | 0                  | 0                    | 0        | -1,679           | 0                          | 0       | 0       |      | 0 0                   |
|            |  | Project Sub-total:                              | 730         | 0                                 | 0                  | 0                    | 0        | 730              | 0                          | 0       | 0       |      | 0 0                   |
| 0 W/       | AT908087 TRUNK WATERMAIN                             |   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 1 TRANSMISSION SYSTEM AUTOMATION                     | 01/01/2015 12/31/20                             | 8 2,456     | 0                                 | 0                  | 0                    | 0        | 2,456            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 4 JOS - REVENUE METER REPLACEMENT                    | 01/01/2016 12/31/20                             | 8 3,545     | 0                                 | 0                  | 0                    | 0        | 1,772            | 0                          | 0       | 1,773   |      | 0 0                   |
| 0          | 6 3RD PARTY RELOCATIONS (METROLINX)                  | 01/01/2015 12/31/202                            | 350         | 0                                 | 0                  | 0                    | 0        | 350              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 10 TRANSMISSION SYSTEM AUTOMATION- 2017 SC           | 01/01/2017 12/31/202                            | -2,204      | . 0                               | 0                  | 0                    | 0        | -2,204           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 11 3RD PARTY RELOCATIONS (METROLINX)- 2017 SC        | 01/01/2017 12/31/20                             | 7 -300      | 0                                 | 0                  | 0                    | 0        | -300             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 12 JOS - REVENUE METER REPLACEMENT- 2017 SC          | 01/01/2017 12/31/20                             | 9 -1,045    | 0                                 | 0                  | 0                    | 0        | -522             | 0                          | 0       | -523    |      | 0 0                   |
|            | I  | Project Sub-total:                              | 2,802       | 0                                 | 0                  | 0                    | 0        | 1,552            | 0                          | 0       | 1,250   |      | 0 0                   |
| <u>o w</u> | AT908248 WT&S PLANTWIDE                              |   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 1 UV DISINFECTION - CONCEPTUAL DESIGN                | 01/01/2016 12/31/20                             | 7 500       | 0                                 | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 4 ZEBRA MUSSEL CONTROL - ENG                         | 01/01/2017 12/31/202                            | 2 650       | 0                                 | 0                  | 0                    | 0        | 650              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 6 STANDBY POWER - PHASE 2 - ENG                      | 01/01/2016 12/31/202                            | 4 690       | 0                                 | 0                  | 41                   | 0        | 442              | 0                          | 0       | 207     |      | 0 0                   |
| 0          | 8 UV DISINFECTION - CONCEPTUAL DESIGN- 2017 SC       | 01/01/2017 12/31/20                             | 7 -500      | 0                                 | 0                  | 0                    | 0        | -500             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 9 STANDBY POWER - PHASE 2 - ENG- 2017 SC             | 01/01/2017 12/31/202                            | .6 -140     | 0                                 | 0                  | -8                   | 0        | -90              | 0                          | 0       | -42     |      | 0 0                   |

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(Phase 2) 10-Water Program

#### **CITY OF TORONTO**

# DI TORONTO

#### Appendix 5: 2017 Capital Projects with Financing Detail

Water Program

#### Sub-Project Summary

| Project/Fi   | inancing                                       |                                | 2017      |                      |                    |                      |          | Financ           | ing             |         |         |      |                       |
|--------------|--|--------------------------------|-----------|----------------------|--------------------|----------------------|----------|------------------|-----------------|---------|---------|------|-----------------------|
| Priority P   | Project Project Name                           | Start Date Completion<br>Date  | Cash Flow | Provincial<br>Grants | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
|              |  |                                |           | Subsidies            | _                  | _                    |          |                  | Current         |         |         |      |                       |
| <u>0 WAT</u> | 908248 WT&S PLANTWIDE                          |                                |           |                      |                    |                      |          |                  |                 |         |         |      |                       |
| 0            | 10 UV DISINFECTION - ISLAND WTP - ENGINEERING  | 01/01/2017 12/31/2024          | 250       | 0                    | 0                  | 0                    | 0        | 250              | 0               | 0       | 0       | (    | 0 0                   |
| 0            | 12 SCRUBBER AND TONNER CONNECTION IMPROVEMENTS | <b>3</b> 01/01/2017 12/31/2021 | 200       | 0                    | 0                  | 12                   | 0        | 128              | 0               | 0       | 60      | (    | 0 0                   |
|              | Р  | roject Sub-total:              | 1,650     | 0                    | 0                  | 45                   | 0        | 1,380            | 0               | 0       | 225     | (    | 0 0                   |
|              |  |                                |           |                      |                    |                      |          |                  |                 |         |         |      |                       |
| Program      | Total:   |                                | 392,232   | 0                    | 0                  | 25,211               | 0        | 349,987          | 0               | 0       | 17,034  | (    | 0 0                   |

#### Status Code Description

- S2 S2 Prior Year (With 2017 and\or Future Year Cashflow)
- S3 S3 Prior Year Change of Scope 2017 and\or Future Year Cost\Cashflow)
- S4 S4 New Stand-Alone Project (Current Year Only)
- S5 S5 New (On-going or Phased Projects)

#### Category Code Description

- 01 Health and Safety C01
- 02 Legislated C02
- 03 State of Good Repair C03
- 04 Service Improvement and Enhancement C04
- 05 Growth Related C05
- 06 Reserved Category 1 C06
- 07 Reserved Category 2 C07

Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5 CITY OF TORONTO

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#### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/    | Financing  |              |                    | 2017      |                                   |                    |                      |          | Financ           | cing                       |         |         |      |                       |
|-------------|--|--------------|--------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                             | Start Date   | Completion<br>Date | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>0 W/</u> | AS000007 ASHBRIDGES BAY WWTP REHAB               |              |                    |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 17 STANDBY POWER GENERATION                      | 01/01/2005   | 12/31/2017         | 5         | 0                                 | 0                  | 0                    | 0        | 5                | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 19 FERROUS UPGRADES                              | 01/01/2013   | 12/31/2019         | 15,695    | 0                                 | 0                  | 1,268                | 0        | 14,427           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 30 ELECTRICAL REHAB - ECAP                       | 01/01/2005   | 12/31/2019         | 4,542     | 0                                 | 0                  | 0                    | 0        | 4,542            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 41 POLYMER UPGRADE                               | 01/01/2014   | 12/31/2023         | 1,362     | 0                                 | 0                  | 0                    | 0        | 1,362            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 46 REHAB OF GROUNDS & BUILDINGS                  | 01/01/2010   | 12/31/2017         | 10        | 0                                 | 0                  | 0                    | 0        | 10               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 47 P BLDG HEADWORKS ENG DESIGN&CONTRACT ADMIN    | 01/01/2005   | 12/31/2020         | 1,252     | 0                                 | 0                  | 101                  | 0        | 1,151            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 49 PROCESS UPGRADES & ODOUR CONTROL ENGINEERIN   | (01/01/2005  | 12/31/2017         | 193       | 0                                 | 0                  | 15                   | 0        | 178              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 189 PROCESS AND EQUIPMENT                        | 01/01/2013   | 12/31/2019         | 1,796     | 0                                 | 0                  | 0                    | 0        | 1,796            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 190 GROUND AND FACILITIES                        | 01/01/2013   | 12/31/2017         | 445       | 0                                 | 0                  | 0                    | 0        | 445              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 215 DIGESTERS CLEANING REHAB - TANKS 14, 16, 13  | 01/01/2014   | 12/31/2023         | 3,365     | 0                                 | 0                  | 0                    | 0        | 3,365            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 216 OPERATIONS CENTRE - ENGINEERING              | 01/01/2016   | 12/31/2017         | 400       | 0                                 | 0                  | 0                    | 0        | 400              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 226 ABTP - PROCESS ROADMAP PHASE 2               | 01/01/2015   | 12/31/2019         | 1,225     | 0                                 | 0                  | 0                    | 0        | 1,225            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 227 AIR HEADER REHAB                             | 01/01/2015   | 12/31/2018         | 727       | 0                                 | 0                  | 0                    | 0        | 727              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 229 D BUILDING PHASE 2                           | 01/01/2015   | 12/31/2024         | 502       | 0                                 | 0                  | 0                    | 0        | 502              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 247 HEATING AND AIR SYSTEMS ASSESSMENT           | 01/01/2016   | 12/31/2018         | 590       | 0                                 | 0                  | 0                    | 0        | 590              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 248 SOILS MANAGEMENT PLAN                        | 01/01/2016   | 12/31/2018         | 200       | 0                                 | 0                  | 0                    | 0        | 200              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 264 HVAC CONVERSION Z-BLDG                       | 01/01/2016   | 12/31/2018         | 1,860     | 0                                 | 0                  | 0                    | 0        | 1,860            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 265 P BLDG HEADWORKS ENG DESIGN&CONTRACT ADMIN-  | 2101/01/2017 | 12/31/2021         | 398       | 0                                 | 0                  | 32                   | 0        | 366              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 266 PROCESS AND EQUIPMENT-2017 SC                | 01/01/2017   | 12/31/2020         | -563      | 0                                 | 0                  | 0                    | 0        | -563             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 267 GROUND AND FACILITIES-2017 SC                | 01/01/2017   | 12/31/2020         | -4        | 0                                 | 0                  | 0                    | 0        | -4               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 269 NEW FLEET PURCHASES-2017 SC                  | 01/01/2017   | 12/31/2017         | 80        | 0                                 | 0                  | 0                    | 0        | 80               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 270 SOILS MANAGEMENT PLAN-2017 SC                | 01/01/2017   | 12/31/2018         | -200      | 0                                 | 0                  | 0                    | 0        | -200             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 272 FERROUS UPGRADES - 2017 SC                   | 01/01/2017   | 12/31/2019         | -8,315    | 0                                 | 0                  | -674                 | 0        | -7,641           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 273 ELECTRICAL REHAB - ECAP- 2017 SC             | 01/01/2017   | 12/31/2019         | -1,375    | 0                                 | 0                  | 0                    | 0        | -1,375           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 275 PROCESS UPGRADES & ODOUR CONTROL ENG- 2017 S | C01/01/2017  | 12/31/2018         | -93       | 0                                 | 0                  | -7                   | 0        | -86              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 276 POLYMER UPGRADE- 2017 SC                     | 01/01/2017   | 12/31/2022         | -12       | 0                                 | 0                  | 0                    | 0        | -12              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 277 OPERATIONS CENTRE - ENGINEERING- 2017 SC     | 01/01/2017   | 12/31/2018         | -100      | 0                                 | 0                  | 0                    | 0        | -100             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 278 ABTP - PROCESS ROADMAP PHASE 2- 2017 SC      | 01/01/2017   | 12/31/2020         | -975      | 0                                 | 0                  | 0                    | 0        | -975             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 279 AIR HEADER REHAB- 2017 SC                    | 01/01/2017   | 12/31/2018         | 450       | 0                                 | 0                  | 0                    | 0        | 450              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 280 D BUILDING PHASE 2- 2017 SC                  | 01/01/2017   | 12/31/2023         | 322       | 0                                 | 0                  | 0                    | 0        | 322              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 281 HEATING AND AIR SYSTEMS ASSESSMENT- 2017 SC  | 01/01/2017   | 12/31/2018         | -90       | 0                                 | 0                  | 0                    | 0        | -90              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 282 HVAC CONVERSION Z-BLDG- 2017 SC              | 01/01/2017   | 12/31/2019         | -860      | 0                                 | 0                  | 0                    | 0        | -860             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 285 BLOWER 7-9 OVERHAUL                          | 01/01/2017   | 12/31/2018         | 800       | 0                                 | 0                  | 0                    | 0        | 800              | 0                          | 0       | 0       |      | 0 0                   |

#### **CITY OF TORONTO**

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

Sub-Project Summary

| Project    | /Financing                                       |                                   | 2017        |                                   | 1                  |                      | -        | Financ           | U U                        |         |         |      |                       |
|------------|--|-----------------------------------|-------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority   | Project Project Name                             | Start Date Completio<br>Date      | n Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>o</u> w | AS000007 ASHBRIDGES BAY WWTP REHAB               |                                   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 286 STANDBY POWER GENERATION- 2017 SC            | 01/01/2017 12/31/201              | 8 15        | 0                                 | 0                  | 2                    | 0        | 13               | 0                          | 0       | 0       |      | 0 0                   |
|            |  | Project Sub-total:                | 23,647      | 0                                 | 0                  | 737                  | 0        | 22,910           | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AS000115 HUMBER T.P.                             |                                   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 9 CO-GENERATION                                  | 01/01/2005 12/31/201              | 8 335       | 0                                 | 0                  | 0                    | 0        | 335              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 62 CO-GENERATION- 2017 SC                        | 01/01/2017 12/31/201              | 8 -135      | 0                                 | 0                  | 0                    | 0        | -135             | 0                          | 0       | 0       |      | 0 0                   |
|            |  | Project Sub-total:                | 200         | 0                                 | 0                  | 0                    | 0        | 200              | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AS000259 TRUNK SEWER SYSTEM                      |                                   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 15 TRUNK SEWER REHABILITATION - 2012             | 01/01/2012 12/31/202              | 0 1,643     | 0                                 | 0                  | 0                    | 0        | 1,643            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 27 TRUNK SEWER REHABILITATION - 2014             | 01/01/2014 12/31/202              | 0 38,206    | 0                                 | 0                  | 0                    | 0        | 38,206           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 34 BLACK CREEK STS EA                            | 01/01/2008 12/31/201              | 7 1,177     | 0                                 | 0                  | 0                    | 0        | 1,177            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 47 TRUNK SEWER REHABILITATION - 2016             | 01/01/201612/31/202               | 1 3,590     | 0                                 | 0                  | 0                    | 0        | 3,590            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 49 TRUNK SEWER REHABILITATION - 2014-2017 SC     | 01/01/2017 12/31/202              | 1 -14,767   | 0                                 | 0                  | 0                    | 0        | -14,767          | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 50 TRUNK SEWER REHABILITATION - 2016-2017 SC     | 01/01/2017 12/31/202              | 1 260       | 0                                 | 0                  | 0                    | 0        | 260              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 52 TRUNK SEWER REHABILITATION - 2012- 2017 SC    | 01/01/2017 12/31/202              | 1 430       | 0                                 | 0                  | 0                    | 0        | 430              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 53 TRUNK SEWER REHABILITATION - 2018             | 01/01/2017 12/31/202              | 6 1,375     | 0                                 | 0                  | 0                    | 0        | 1,375            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 54 BLACK CREEK STS EA- 2017 SC                   | 01/01/2017 12/31/201              | 8 -422      | 0                                 | 0                  | 0                    | 0        | -422             | 0                          | 0       | 0       |      | 0 0                   |
|            |  | Project Sub-total:                | 31,492      | 0                                 | 0                  | 0                    | 0        | 31,492           | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AS000442 BASEMENT FLOODING RELIEF                |                                   |             |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 1 BASEMENT FLOODING PROTECTION SUBSIDY PROGE     | RAN01/01/200512/31/201            | 8 5,500     | 0                                 | 0                  | 0                    | 0        | 5,500            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 8 BASEMENT FLOODING STUDIES & EAS                | 01/01/2006 12/31/202              | 0 920       | 0                                 | 0                  | 0                    | 0        | 920              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 9 BASEMENT FLOODING RELIEF - TUNNEL PROJECT      | 01/01/201312/31/202               | 4 5,050     | 0                                 | 0                  | 0                    | 0        | 5,050            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 12 ROAD RESTORATION FOR BSMT FLDG PRJS           | 01/01/2012 12/31/201              | 7 515       | 0                                 | 0                  | 0                    | 0        | 515              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 14 BASEMENT FLOODING DESIGN - GROUP 1            | 01/01/2008 12/31/201              | 8 1,170     | 0                                 | 0                  | 0                    | 0        | 1,170            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 18 BASEMENT FLOODING DESIGN - GROUP 2            | 01/01/2011 12/31/201              | 8 4,108     | 0                                 | 0                  | 0                    | 0        | 4,108            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 19 BASEMENT FLOODING RELIEF - GROUP 2            | 01/01/2014 12/31/202              | 1 60,405    | 0                                 | 0                  | 0                    | 0        | 60,405           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 20 BASEMENT FLOODING DESIGN - GROUP 3            | 01/01/2014 12/31/202              | 0 4,458     | 0                                 | 0                  | 0                    | 0        | 4,458            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 29 BASEMENT FLOODING RELIEF - GROUP 1            | 01/01/2010 12/31/201              | 8 2,268     | 0                                 | 0                  | 0                    | 0        | 2,268            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 76 BASEMENT FLOODING FLOW MONITORING             | 01/01/2016 12/31/202              | 1 1,614     |                                   | 0                  | 0                    | 0        | 1,614            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 77 BASEMENT FLOODING DESIGN - GROUP 4 (ENGINEEF  |                                   |             | 0                                 | 0                  | 0                    | 0        | 11,794           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 81 BASEMENT FLOODING STUDIES & EAS-CW IMPLEMEN   |                                   |             |                                   | 0                  | 0                    | 0        | 10,755           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 89 BASEMENT FLOODING RELIEF - GROUP 4 (CONSTRUC  | CTIC01/01/2017 12/31/202          | · ·         |                                   | 0                  | 0                    | 0        | 10,788           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 102 BASEMENT FLOODING DESIGN - GROUP 1-2017 SC   | 01/01/2017 12/31/201              |             |                                   | 0                  | 0                    | 0        | -569             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 103 BASEMENT FLOODING RELIEF - TUNNEL PROJECT-20 | 17 <b>\$</b> 01/01/2017 12/31/202 | 6 -4,500    | 0                                 | 0                  | 0                    | 0        | -4,500           | 0                          | 0       | 0       |      | 0 0                   |

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### CITY OF TORONTO

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/   | Financing   | . <u></u> ,                     | 2017      | ]                                 | 1                  | T                    |          | Financ           | - J                        | •       | -       |      | _                     |
|------------|---|---------------------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority   | Project Project Name                                | Start Date Completion<br>Date   | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>o w</u> | AS000442 BASEMENT FLOODING RELIEF                   |                                 |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 104 BASEMENT FLOODING RELIEF - GROUP 2-2017 SC      | 01/01/2017 12/31/202            | -42,348   | 0                                 | 0                  | 0                    | 0        | -42,348          | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 105 BASEMENT FLOODING DESIGN - GROUP 3-2017 SC      | 01/01/2017 12/31/2020           | -2,030    | 0                                 | 0                  | 0                    | 0        | -2,030           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 106 BASEMENT FLOODING DESIGN - GROUP 4 ENG-2017 SC  | 01/01/2017 12/31/2028           | 5,378     | 0                                 | 0                  | 0                    | 0        | 5,378            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 107 BASEMENT FLOODING RELIEF - GROUP 3 (CONSTRUC    | <b>FIC</b> 01/01/2017 12/31/202 | 8,486     | 0                                 | 0                  | 0                    | 0        | 8,486            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 108 LIDAR PURCHASE                                  | 01/01/2017 12/31/2017           | 1,000     | 0                                 | 0                  | 0                    | 0        | 1,000            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 109 REAL ESTATE - IDC                               | 01/01/2017 12/31/2018           | 63        | 0                                 | 0                  | 0                    | 0        | 63               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 111 BASEMENT FLOODING STUDIES & EAS- 2017 SC        | 01/01/2017 12/31/202            | 215       | 0                                 | 0                  | 0                    | 0        | 215              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 112 BASEMENT FLOODING DESIGN - GROUP 2- 2017 SC     | 01/01/2017 12/31/2020           | -2,810    | 0                                 | 0                  | 0                    | 0        | -2,810           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 113 BASEMENT FLOODING RELIEF - GROUP 1- 2017 SC     | 01/01/2017 12/31/2019           | -2,207    | 0                                 | 0                  | 0                    | 0        | -2,207           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 114 ROAD RESTORATION FOR BSMT FLDG PRJS- 2017 SC    | 01/01/2017 12/31/2017           | -515      | 0                                 | 0                  | 0                    | 0        | -515             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 115 BASEMENT FLOODING STUDIES&EA`S-CW IMPLEMENT     | 2(01/01/2017 12/31/2023         | -6,946    | 0                                 | 0                  | 0                    | 0        | -6,946           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 116 BASEMENT FLOODING FLOW MONITORING- 2017 SC      | 01/01/2017 12/31/202            | -715      | 0                                 | 0                  | 0                    | 0        | -715             | 0                          | 0       | 0       |      | 0 0                   |
|            |   | Project Sub-total:              | 71,847    | 0                                 | 0                  | 0                    | 0        | 71,847           | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 W</u> | AS000521 HIGHLAND CREEK WWTP - BUILDING SERV & SITE | DEV                             |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 3 HCTP BLDG REHAB & IMPROVEMENTS                    | 01/01/2012 12/31/2019           | 1,326     | 0                                 | 0                  | 0                    | 0        | 1,326            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 9 HCTP BLDG REHAB & IMPROVEMENTS-2017 SC            | 01/01/2017 12/31/2019           | 1,674     | 0                                 | 0                  | 0                    | 0        | 1,674            | 0                          | 0       | 0       |      | 0 0                   |
|            |   | Project Sub-total:              | 3,000     | 0                                 | 0                  | 0                    | 0        | 3,000            | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u> | AS906322 W&WW LABORATORIES                          |                                 |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 9 LAB EQUIPMENT                                     | 01/01/200812/31/2018            | 188       | 0                                 | 0                  | 0                    | 0        | 188              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 31 LAB EQUIPMENT- 2017 SC                           | 01/01/2017 12/31/202            |           | 0                                 | 0                  | 0                    | 0        | 57               | 0                          | 0       | 0       |      | 0 0                   |
| •          |   | Project Sub-total:              | 245       | 0                                 | 0                  | 0                    | 0        | 245              | 0                          | 0       | 0       |      | 0 0                   |
| 0 W        | AS906328 SWM END OF PIPE FACILITIES                 |                                 | L         |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 11 Bonar Creek SWMF Construction                    | 01/01/2014 12/31/2020           | 3,000     | 0                                 | 0                  | 241                  | 0        | 2,759            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 12 EARL BALES PARK SWM FACILITY - PHASE 2           | 01/01/2012 12/31/2017           |           |                                   | 0                  | 119                  | 0        | 1,356            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 63 Bonar Creek SWMF Construction-2017 SC            | 01/01/2017 12/31/2022           | , -       | 0                                 | 0                  | -221                 | 0        | -2,529           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 64 HUMBER BAY POND (ETOBICOKE)                      | 01/01/2017 12/31/2019           | ,         | 0                                 | 0                  | 8                    | 0        | 92               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 65 NORTH TORONTO CSO CONSTR- 2017 SC                | 01/01/2017 12/31/2017           |           | 0                                 | 0                  | 4                    | 0        | 43               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 66 EARL BALES PARK SWM FACILITY - PHASE 2- 2017 SC  | 01/01/2017 12/31/2019           |           | 0                                 | 0                  | -44                  | 0        | -499             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 67 YR03 D1 END OF PIPE- 2017 SC                     | 01/01/2017 12/31/2018           |           | 0                                 | 0                  | 0                    | 0        | 1                | 0                          | 0       |         |      | 0 0                   |
| Ū          |   | Project Sub-total:              | 1,330     | 0                                 | 0                  | 107                  | 0        | 1,223            | 0                          | 0       |         |      | 0 0                   |
| 0 W        | AS906331 SWM SOURCE CONTROL PROG                    | ,                               | ,         |                                   | -                  |                      |          | , -              |                            |         | -       |      |                       |
| 0          | 9 DOWNSPOUT DISCONNECTION PROGRAM                   | 01/01/2005 12/31/2018           | 3 150     | 0                                 | 0                  | 0                    | 0        | 150              | 0                          | 0       | 0       |      | 0 0                   |
| U          |   |                                 |           | 0                                 | 0                  | 0                    | 0        |                  | -                          | -       |         |      | 0 0                   |
|            |   | Project Sub-total:              | 150       | 0                                 | 0                  | 0                    | 0        | 150              | 0                          | 0       | 0       |      | 0 0                   |

Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5 CITY OF TORONTO

# DI TORONTO

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/F   | Financing  |  | 2017         |                                   |                    |                      |          | Financ           | ing                        |         |         |      |                     |
|-------------|--|--|--------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|---------------------|
| Priority    | Project Project Name                                   | Start Date Completion<br>Date                          | Cash Flow    | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverab |
| <u>0</u> WA | S906380 HIGHLAND CREEK WWTP - ODOUR CONTROL            |  |              |                                   |                    |                      |          |                  |                            |         |         |      |                     |
| 0           | 1 ODOUR CONTROL UPGRADES - PHASE 1 ENG                 | 01/01/200812/31/2021                                   | 524          | 0                                 | 0                  | 42                   | 0        | 482              | 0                          | 0       | 0       |      | 0                   |
| 0           | 2 ODOUR CONTROL UPGRADES - PHASE 1 CONSTR              | 01/01/201312/31/2019                                   | 15,000       | 0                                 | 0                  | 1,207                | 0        | 13,793           | 0                          | 0       | 0       |      | 0                   |
| 0           | 20 ODOUR CONTROL UPGRADES - PHASE 1 ENG-2017 SC        | 01/01/2017 12/31/2021                                  | 476          | 0                                 | 0                  | 38                   | 0        | 438              | 0                          | 0       | 0       |      | 0                   |
| 0           | 21 ODOUR CONTROL UPGRADES - PHASE 1 CONSTR- 2017       | <b>3 3 3 3 3 3 4 3 4 4 5 4 5 5 1 1 1 1 1 1 1 1 1 1</b> | -1,999       | 0                                 | 0                  | -161                 | 0        | -1,838           | 0                          | 0       | 0       |      | 0                   |
|             |  | Project Sub-total:                                     | 14,001       | 0                                 | 0                  | 1,126                | 0        | 12,875           | 0                          | 0       | 0       |      | 0                   |
| 0 WA        | S906486 ASHBRIDGES BAY T.P III YR2004                  |  |              |                                   |                    |                      |          |                  |                            |         |         |      |                     |
| 0           | 3 PCS-PLANT SRVS                                       | 01/01/200512/31/2017                                   | 30           | 0                                 | 0                  | 2                    | 0        | 28               | 0                          | 0       | 0       |      | 0                   |
| 0           | 48 PCS-PLANT SRVS- 2017 SC                             | 01/01/2017 12/31/2018                                  | 10           | 0                                 | 0                  | 1                    | 0        | 9                | 0                          | 0       | 0       |      | 0                   |
|             |  | Project Sub-total:                                     | 40           | 0                                 | 0                  | 3                    | 0        | 37               | 0                          | 0       | 0       |      | 0                   |
| <u>0 WA</u> | S906487 HIGHLAND CREEK T.P IV YR2004                   | -  |              |                                   |                    |                      |          |                  |                            |         |         |      |                     |
| 0           | 22 PCS PLANT SERVICES                                  | 01/01/2017 12/31/2017                                  | 1            | 0                                 | 0                  | 0                    | 0        | 1                | 0                          | 0       | 0       |      | 0                   |
| -           |  | Project Sub-total:                                     | 1            | 0                                 | 0                  | 0                    | 0        | 1                | 0                          |         | 0       |      | 0                   |
| 0 WA        | S906488 HUMBER T.P II YR2004                           | · · <b>,</b> · · · · · · · · · · · · · · · · · · ·     |              | -                                 | -                  | -                    | -        |                  |                            | -       | -       |      |                     |
| 0           | 2 PCS PLANT SERVICES                                   | 01/01/2005 12/31/2017                                  | 2            | 0                                 | 0                  | 0                    | 0        | 2                | 0                          | 0       | 0       |      | 0                   |
| 0           | 24 PCS PLANT SERVICES- 2017 SC                         | 01/01/2017 12/31/2018                                  | -1           | 0                                 | 0                  | 0                    | 0        | -1               | 0                          |         | 0       |      | 0                   |
| 0           |  | Project Sub-total:                                     | - 1          | 0                                 | 0                  | 0                    | 0        | 1                | 0                          |         | 0       |      | 0                   |
| 0 14/4      |  |  |              |                                   |                    |                      |          | •                |                            |         |         |      | <u> </u>            |
|             | S906492 WET WEATHER FLOW MP                            | 04/04/000540/04/0040                                   | 050          | 0                                 | 0                  | 50                   | 0        | 500              | 0                          | 0       | 0       |      | 0                   |
| 0           |  | 01/01/2005 12/31/2019                                  | 650<br>550   | 0                                 | 0                  | 52                   | 0        | 598              | 0                          | 0       | 0       |      | 0                   |
| 0           | 2 PUBLIC EDUCATION<br>14 WWFMP IMPLEMENTATION - DESIGN | 01/01/2005 12/31/2017                                  | 550<br>1,570 | 0                                 | 0                  | 44<br>127            | 0        | 506<br>1.443     | 0                          | 0       | 0       |      | 0                   |
| 0           | 58 SWM CONVEYANCE 2015                                 | 01/01/2008 12/31/2018<br>01/01/2015 12/31/2017         | 685          | 0                                 | 0                  | 55                   | 0        | 630              | 0                          | •       | 0       |      | 0                   |
| 0           | 59 STORM WATER POND ASSESSMENT & CLEANING              | 01/01/2015 12/31/2017                                  | 3,975        | 0                                 | 0                  | 0                    | 0        | 3,975            | 0                          | 0       | 0       |      | 0                   |
| 0           | 60 ASHBRIDGES BAY LANDFORMS                            | 01/01/2015 12/31/2023                                  | 5,045        | 0                                 | 0                  | 0                    | 0        | 5,045            | 0                          | 0       | 0       |      | 0                   |
| 0           | 76 SWM CONVEYANCE 2016                                 | 01/01/2016 12/31/2018                                  | 2,303        | 0                                 | 0                  | 185                  | 0        | 2,118            | 0                          | 0       | 0       |      | 0                   |
| 0           | 82 STORM WATER POND ASSESSMENT & CLEANING-2017         |  | -3,550       | 0                                 | 0                  | 0                    | 0        | -3,550           | 0                          | 0       | 0       |      | 0                   |
| 0           | 83 ASHBRIDGES BAY LANDFORMS-2017 SC                    | 01/01/2017 12/31/2023                                  | -4,545       | 0                                 | 0                  | 0                    | 0        | -4,545           | 0                          | 0       | 0       |      | 0                   |
| 0           | 84 SWM CONVEYANCE 2017                                 | 01/01/2017 12/31/2019                                  | 3,460        | 0                                 | 0                  | 279                  | 0        | 3,181            | 0                          | 0       | 0       |      | 0                   |
| 0           | 85 HUMBER DEFLECTOR LANDFORM FEASIBILITY STUDY         | 01/01/2017 12/31/2017                                  | 200          | 0                                 | 0                  | 16                   | 0        | 184              | 0                          | 0       | 0       |      | 0                   |
| 0           | 86 GREEN STREETS                                       | 01/01/2017 12/31/2020                                  | 333          | 0                                 | 0                  | 27                   | 0        | 306              | 0                          | 0       | 0       |      | 0                   |
| 0           | 92 WWFMP IMPLEMENTATION - DESIGN - 2017 SC             | 01/01/2017 12/31/2020                                  | -872         | 0                                 | 0                  | -71                  | 0        | -801             | 0                          | 0       | 0       |      | 0                   |
| 0           | 93 SWM INA/EA- 2017 SC                                 | 01/01/2017 12/31/2019                                  | -282         | 0                                 | 0                  | -22                  | 0        | -260             | 0                          | 0       | 0       |      | 0                   |
| 0           | 94 PUBLIC EDUCATION- 2017 SC                           | 01/01/2017 12/31/2018                                  | 60           | 0                                 | 0                  | 5                    | 0        | 55               | 0                          | 0       | 0       |      | 0                   |
| 0           | 95 SWM CONVEYANCE 2015- 2017 SC                        | 01/01/2017 12/31/2018                                  | -434         | 0                                 | 0                  | -35                  | 0        | -399             | 0                          | 0       | 0       |      | 0                   |

(Phase 2) 11-Wastewater Program

# DI TORONTO

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

Sub-Project Summary

| Priority Project Developmt Reserves Reserves Capital Other 1 Other 2 Debt   | Project/Fina         | ancing  |                        | 2017         | 1          |   |       |          | Financ | ing  |         |         |      |                       |
|---|----------------------|---|------------------------|--------------|------------|---|-------|----------|--------|------|---------|---------|------|-----------------------|
| 0         96 SWM CONVEYANCE 2016-2017 SC         01/01/2017 12/31/2012         2,303         0         0         -185         0         -2,118         0 <th>-</th> <th>-</th> <th></th> <th>on Cash Flow</th> <th>Grants</th> <th></th> <th></th> <th>Reserves</th> <th></th> <th>From</th> <th>Other 1</th> <th>Other 2</th> <th>Debt</th> <th>Debt -<br/>Recoverable</th>                  | -                    | -   |                        | on Cash Flow | Grants     |   |       | Reserves |        | From | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| 0         97 WATERFRONT MODELLING STUDIES         01101/201712/31/2022         2         0         0         2         0         0         2         0 <t< td=""><td><u>0</u> <u>WAS9</u></td><td>06492 WET WEATHER FLOW MP</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   | <u>0</u> <u>WAS9</u> | 06492 WET WEATHER FLOW MP                         |                        |              |            |   |       |          |        |      |         |         |      |                       |
| Project Sub-total:         0         0         477         0         6.870         0         0         0         0         0           9         WAS306495         SEWER ASSET PLANNING         0         0         0         0         101/2007 1231/2020         5,016         0         0         0         6,870         0         0         6,870         0         0         0         0         8,878         0         0         0         0         8,878         0         0         0         0         8,878         0         0         0         0         8,878         0         0         0         0         8,878         0 <td>0</td> <td>96 SWM CONVEYANCE 2016- 2017 SC</td> <td>01/01/2017 12/31/20</td> <td>18 -2,303</td> <td>0</td> <td>0</td> <td>-185</td> <td>0</td> <td>-2,118</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0 0</td> | 0                    | 96 SWM CONVEYANCE 2016- 2017 SC                   | 01/01/2017 12/31/20    | 18 -2,303    | 0          | 0 | -185  | 0        | -2,118 | 0    | 0       | 0       |      | 0 0                   |
| 9         WAS906495         SEWER ASSET PLANNING         0101/20071/23/2020         5,016         0         403         0         4,613         0         0         0         0           0         7 SEWER ASSET PLANNING         0101/20071/23/2020         5,016         0         0         0         0         8,978         0         0         0         0         225         0         0         0         0         0         225         0         0         0         0         225         0         0         0         0         225         0         0         0         0         0         225         0         0         0         0         0         225         0   | 0                    | 97 WATERFRONT MODELLING STUDIES                   | 01/01/2017 12/31/20    | 22 25        | s <u> </u> | 0 | 2     | 0        | 23     | 0    | 0       | 0       |      | 0 0                   |
| 0         SEWER ASSET PLANNING         01/01/2007 12/31/2022         5,016         0         4,013         0         4,613         0         0         0           0         7 SEWER ASSET PLANNING SYDECTION         01/01/201012/31/2021         8,875         0         0         0         8,878         0         0         0         8,878         0         0         0         225         0         0         0         0         225         0         0         0         0         0         225         0 <td></td> <td></td> <td>Project Sub-total:</td> <td>6,870</td> <td>0</td> <td>0</td> <td>479</td> <td>0</td> <td>6,391</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0 0</td>                              |                      |   | Project Sub-total:     | 6,870        | 0          | 0 | 479   | 0        | 6,391  | 0    | 0       | 0       |      | 0 0                   |
| 0         7 SEWER SYSTEM INSPECTION         0101/2010 1231/2027         8,978         0         0         8,978         0         0         0         8,978         0         0         0         0         21 PPD - INFRASTRUCTURE PLANNING STUDIES         0101/2011 1231/2017         324         0         0         0         225         0         0         0         225         0         0         225         0         0         0         225         0         0         0         230            | <u>0 WAS9</u>        | 06495 SEWER ASSET PLANNING                        |                        |              |            |   |       |          |        |      |         |         |      |                       |
| 0       21 PPD - INFRASTRUCTURE PLANNING STUDIES       01/01/2017 1/231/2017       228       0       0       29       0       320       0       0       0         0       31 SEWER ASSET PLANNING-2017 SC       01/01/2017 1/231/2018       233       0       0       29       0       320       0       0       0       0         0       33 SEWER SYSTEM INSPECTION-2017 SC       01/01/2017 1/231/2018       75       0       0       0       293       0  | 0                    | 5 SEWER ASSET PLANNING                            | 01/01/2007 12/31/20    | 20 5,016     | 0          | 0 | 403   | 0        | 4,613  | 0    | 0       | 0       |      | 0 0                   |
| 0       31 SEWER ASSET PLANNING-2017 SC       010/1/2017 1/231/2017       24       0       0       29       0       320       0       0       0         0       33 SPUE ASSET PLANNING-2017 SC       010/1/2017 1/231/2017       293       0       0       0       293       0       0       0       293       0       0       0       293       0 <t< td=""><td>0</td><td>7 SEWER SYSTEM INSPECTION</td><td>01/01/201012/31/20</td><td>21 8,978</td><td>0</td><td>0</td><td>0</td><td>0</td><td>8,978</td><td>0</td><td>0</td><td>0</td><td></td><td>0 0</td></t<>   | 0                    | 7 SEWER SYSTEM INSPECTION                         | 01/01/201012/31/20     | 21 8,978     | 0          | 0 | 0     | 0        | 8,978  | 0    | 0       | 0       |      | 0 0                   |
| 0       32 SEWER SYSTEM INSPECTION-2017 SC       01/01/2017 1/23/1/2017       23       0       0       0       293       0       0       0       0       293       0  | 0                    | 21 PPD - INFRASTRUCTURE PLANNING STUDIES          | 01/01/2014 12/31/20    | 17 225       | 0          | 0 | 0     | 0        | 225    | 0    | 0       | 0       |      | 0 0                   |
| 0         33 PPD - INFRASTRUCTURE PLANNING STUDIES- 2017 SC         0 10/1/2017 12/31/2017         7.75         0         0         0         0           0         34 CORP IT - IDC         0 10/1/2017 12/31/2017         147         0         0         0         0         0         14.501         0         0         0         0           0         MASS06500         NEW SEWER CONSTRUCTION         1         1         0         0         14.501         0  | 0                    | 31 SEWER ASSET PLANNING-2017 SC                   | 01/01/2017 12/31/20    | 19 349       | 0          | 0 | 29    | 0        | 320    | 0    | 0       | 0       |      | 0 0                   |
| 0         34 CORP IT - IDC         01/01/2017 1/23/12/07         147         0         0         147         0  | 0                    | 32 SEWER SYSTEM INSPECTION-2017 SC                | 01/01/2017 12/31/20    | 21 293       | 0          | 0 | 0     | 0        | 293    | 0    | 0       | 0       |      | 0 0                   |
| Project Sub-total:         14,933         0         0         432         0         14,501         0         0         0           0         WAS906500         NEW SEWER         01/01/2008 12/31/2017         506         0         0         315         0         191         0         0         0         0           0         25 DOWNSVIEW LANDS EXTERNAL UPGRADES         01/01/2015 12/31/2018         1,495         0         0         1,495         0   | 0                    | 33 PPD - INFRASTRUCTURE PLANNING STUDIES- 2017 SC | 01/01/2017 12/31/20    | 18 -75       | 0          | 0 | 0     | 0        | -75    | 0    | 0       | 0       |      | 0 0                   |
| 0         WAS906500         NEW SEWER CONSTRUCTION         0         50         0         315         0         191         0         0         0           0         5NEW SEWERS         01/01/2008 12/31/2017         506         0         0         315         0         191         0   | 0                    | 34 CORP IT - IDC                                  | 01/01/2017 12/31/20    | 17 147       | · 0        | 0 | 0     | 0        | 147    | 0    | 0       | 0       |      | 0 0                   |
| 0         5 NEW SEWERS         01/01/2008 12/31/2017         506         0         0         315         0         191         0         0         0         0           0         25 DOWNSVIEW LANDS EXTERNAL UPGRADES         01/01/2015 12/31/2019         1.495         0         0         1.495         0         0         1.495         0   |                      |   | Project Sub-total:     | 14,933       | 0          | 0 | 432   | 0        | 14,501 | 0    | 0       | 0       |      | 0 0                   |
| 0       25 DOWNSVIEW LANDS EXTERNAL UPGRADES       01/01/2015 12/31/2019       1,495       0  | 0 WAS9               | 06500 NEW SEWER CONSTRUCTION                      |                        |              |            |   |       |          |        |      |         |         |      |                       |
| 0       25 DOWNSVIEW LANDS EXTERNAL UPGRADES       01/01/2015 12/31/2019       1,495       0  | 0                    | 5 NEW SEWERS                                      | 01/01/200812/31/20     | 17 506       | 0          | 0 | 315   | 0        | 191    | 0    | 0       | 0       |      | 0 0                   |
| 0       33 NEW SEWERS- 2017 SC       01/01/2017 1/2/31/2018       -491       0       0       -306       0       -185       0  | 0                    |   | 01/01/2015 12/31/20    | 19 1,495     | 0          | 0 | 1,495 | 0        | 0      | 0    | 0       | 0       |      | 0 0                   |
| 0       35 DOWNSVIEW LANDS EXTERNAL UPGRADES- 2017 SC       01/01/2017 12/31/2019       -45       0       0       -45       0   | 0                    | 31 WATERFRONT SANITARY MASTER SERVICING PLAN-20   | 01701/01/2017 12/31/20 | 25 500       | 0          | 0 | 250   | 0        | 250    | 0    | 0       | 0       |      | 0 0                   |
| Project Sub-total:       1,965       0       0       1,709       0       256       0       0       0       0         Q       WAS906501       YARD & BUILDING RENOVATION       01/01/2016 12/31/2018       2       0   | 0                    | 33 NEW SEWERS- 2017 SC                            | 01/01/2017 12/31/20    | 18 -491      | 0          | 0 | -306  | 0        | -185   | 0    | 0       | 0       |      | 0 0                   |
| Q         WAS906501         YARD & BUILDING RENOVATION         01/01/2016 12/31/2018         2         0         0         0         2         0         0         0         2         0         0         0         0         0         2         0         0         0         2         0  | 0                    | 35 DOWNSVIEW LANDS EXTERNAL UPGRADES- 2017 SC     | 01/01/2017 12/31/20    | 19 -45       | ; O        | 0 | -45   | 0        | 0      | 0    | 0       | 0       |      | 0 0                   |
| 0       11 YARDS & BUILDING RENOVATION       01/01/2016 12/31/2018       2       0       0       0       2       0  |                      |   | Project Sub-total:     | 1,965        | 0          | 0 | 1,709 | 0        | 256    | 0    | 0       | 0       |      | 0 0                   |
| Project Sub-total:       2       0       0       0       2       0  | 0 WAS9               | 06501 YARD & BUILDING RENOVATION                  |                        |              |            |   |       |          |        |      |         |         |      |                       |
| 0         WAS906735         DIST SEWER REHAB OPS YR2005           0         10 GROUP 1 SEWAGE PUMPING STATION UPGRADES         01/01/2005 12/31/2017         6         0         0         0         6         0  | 0                    | 11 YARDS & BUILDING RENOVATION                    | 01/01/201612/31/20     | 18 2         | 0          | 0 | 0     | 0        | 2      | 0    | 0       | 0       |      | 0 0                   |
| 0         WAS906735         DIST SEWER REHAB OPS YR2005           0         10 GROUP 1 SEWAGE PUMPING STATION UPGRADES         01/01/2005 12/31/2017         6         0         0         0         6         0  |                      |   | Project Sub-total:     | 2            | 0          | 0 | 0     | 0        | 2      | 0    | 0       | 0       |      | 0 0                   |
| 0       10 GROUP 1 SEWAGE PUMPING STATION UPGRADES       01/01/2005 12/31/2017       6       0       0       0       6       0 <td< td=""><td>0 WAS9</td><td>06735 DIST SEWER REHAB OPS YR2005</td><td>-</td><td></td><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>   | 0 WAS9               | 06735 DIST SEWER REHAB OPS YR2005                 | -                      |              |            |   |       |          |        |      |         |         |      |                       |
| 0       18 GROUP 1 SEWAGE PUMPING STATION UPGRADES - 2017 01/01/2017 12/31/2019       -3       0       0       0       -3       0       0       0       0         Project Sub-total:       3       0  |                      |   | 01/01/200512/31/20     | 17 6         | 0          | 0 | 0     | 0        | 6      | 0    | 0       | 0       |      | 0 0                   |
| Project Sub-total:       3       0       0       3       0  | -                    |   |                        |              |            | - | -     |          |        |      |         |         |      |                       |
| 0         WAS906741         HIGHLAND CREEK TP YR2005           0         1 WAS THICKENING AND DEWATERING - ENG         01/01/2005 12/31/2018         40         0         0         3         0         37         0         0         0         0           0         19 WAS THICKENING AND DEWATERING - ENG- 2017 SC         01/01/2017 12/31/2018         -27         0         0         -25         0         0         0         0         0  | Ū                    |   |                        | 3            | 0          | - | 0     | -        |        | -    | -       | -       |      |                       |
| 0       1 WAS THICKENING AND DEWATERING - ENG       01/01/2005 12/31/2018       40       0       0       3       0       37       0       0       0       0         0       19 WAS THICKENING AND DEWATERING - ENG- 2017 SC       01/01/2017 12/31/2018       -27       0       0       -25       0       0       0       0   | 0 WAS9               |   |                        |              |            |   |       |          |        |      |         |         |      |                       |
| 0 19 WAS THICKENING AND DEWATERING - ENG- 2017 SC 01/01/2017 12/31/2018 -27 0 0 -2 0 -25 0 0 0 0  |                      |   | 01/01/200512/31/20     | 18 40        | 0          | 0 | 3     | 0        | 37     | 0    | 0       | 0       |      | 0 0                   |
|   | -                    |   |                        | -            |            | - |       |          |        |      |         |         |      |                       |
|   | 0                    |   |                        |              |            | - |       | -        |        | -    | -       | -       |      |                       |
| 0 WAS906742 HUMBER TP YR2005  | 0 WAGO               | 06742 HUMBER TP YR2005                            |                        |              |            |   |       |          |        |      |         | -       |      |                       |
| 0         8 ODOUR CONTROL ENGINEERING         01/01/2008 12/31/2019         1,275         0         0         0         1,275         0   |                      |   | 01/01/2008 12/31/20    | 19 1,275     | 0          | 0 | 0     | 0        | 1,275  | 0    | 0       | 0       |      | 0 0                   |

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(Phase 2) 11-Wastewater Program

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### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

Sub-Project Summary

| Project/F   | inancing                                       |                 |                    | 2017      |                                   |                    |                      |          | Financ           | cing                       |         |         |      |                       |
|-------------|--|-----------------|--------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                           | Start Date      | Completion<br>Date | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>0 WA</u> | S906742 HUMBER TP YR2005                       |                 |                    |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 56 ODOUR CONTROL ENGINEERING-2017 SC           | 01/01/2017      | 12/31/2021         | -74       | 0                                 | 0                  | 0                    | 0        | -74              | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub     | -total:            | 1,201     | 0                                 | 0                  | 0                    | 0        | 1,201            | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 WA</u> | S906743 ASHRIDGES BAY TP YR2005                |                 |                    |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 MISC MECH ENGINEERING                        | 01/01/2005      | 12/31/2019         | 786       | 0                                 | 0                  | 64                   | 0        | 722              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 7 SERVICE AIR UPGRADES                         | 01/01/2006      | 12/31/2019         | 2,885     | 0                                 | 0                  | 0                    | 0        | 2,885            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 59 MISC MECH ENGINEERING- 2017 SC              | 01/01/2017      | 12/31/2020         | -386      | 0                                 | 0                  | -32                  | 0        | -354             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 60 SERVICE AIR UPGRADES- 2017 SC               | 01/01/2017      | 12/31/2019         | -1,785    | 0                                 | 0                  | 0                    | 0        | -1,785           | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub     | -total:            | 1,500     | 0                                 | 0                  | 32                   | 0        | 1,468            | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | S906755 WESTERN BEACHES RETROFIT               | •               |                    |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 WESTERN BEACHES RETROFIT                     | 01/01/2005      | 12/31/2021         | 4,709     | 0                                 | 0                  | 379                  | 0        | 4,330            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 15 WESTERN BEACHES RETROFIT- 2017 SC           | 01/01/2017      |                    |           | 0                                 | 0                  | -280                 | 0        | -3,209           | 0                          | 0       |         |      | 0 0                   |
| -           |  | Project Sub     | -total:            | 1,220     | 0                                 | 0                  | 99                   | 0        | 1,121            | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | S906926 OPERATIONAL SUPPORT                    | -               |                    |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 6 FACILITY RENOVATION                          | 01/01/2006      | 12/31/2018         | 1,450     | 0                                 | 0                  | 0                    | 0        | 1,450            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 7 RENOVATION - MERTON STREET                   | 01/01/2012      |                    | ,         | 0                                 | 0                  | 0                    | 0        | 5                | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 23 EMP MONITORING NEEDS                        | 01/01/2010      |                    |           | 0                                 | 0                  | 0                    | 0        | 95               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 40 PCS UPGRADES FOR WASTEWATER TREATMENT       | 01/01/2013      | 12/31/2021         | 4,119     | 0                                 | 0                  | 0                    | 0        | 4,119            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 98 DESIGNATED SUBSTANCE ABATEMENT              | 01/01/2007      | 12/31/2018         | 100       | 0                                 | 0                  | 0                    | 0        | 100              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 100 DIVISIONAL SECURITY                        | 01/01/2016      | 12/31/2017         | 1,025     | 0                                 | 0                  | 0                    | 0        | 1,025            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 105 BACKUP POWER - FINCH AND DEE               | 01/01/2017      | 12/31/2017         | 500       | 0                                 | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 107 OFFICE MODERNIZATION - MH18                | 01/01/2017      | 12/31/2018         | 625       | 0                                 | 0                  | 0                    | 0        | 625              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 109 FACILITY RENOVATION- 2017 SC               | 01/01/2017      | 12/31/2019         | -700      | 0                                 | 0                  | 0                    | 0        | -700             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 111 DESIGNATED SUBSTANCE ABATEMENT- 2017 SC    | 01/01/2017      | 12/31/2018         | -100      | 0                                 | 0                  | 0                    | 0        | -100             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 112 EMP MONITORING NEEDS- 2017 SC              | 01/01/2017      | 12/31/2018         | -45       | 0                                 | 0                  | 0                    | 0        | -45              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 113 PCS UPGRADES FOR WASTEWATER TREATMENT- 20  | 17 S01/01/2017  | 12/31/2021         | 91        | 0                                 | 0                  | 0                    | 0        | 91               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 114 DISTRICT OPERATIONS FACILITY UPGRADES      | 01/01/2017      | 12/31/2021         | 250       | 0                                 | 0                  | 0                    | 0        | 250              | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub     | -total:            | 7,415     | 0                                 | 0                  | 0                    | 0        | 7,415            | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 WA</u> | S906958 SEWER SYSTEM REHABILITATION            |                 |                    |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 2 GROUPS 2, 3 & 4 SEWAGE PUMPING STATION UPGR/ | ADE\$01/01/2005 | 12/31/2017         | 10        | 0                                 | 0                  | 1                    | 0        | 9                | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 5 CCTV INSPECTION                              | 01/01/2007      | 12/31/2017         | 59        | 0                                 | 0                  | 0                    | 0        | 59               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 8 SPS SCADA UPGRADES - ENGINEERING             | 01/01/2008      | 12/31/2017         | 561       | 0                                 | 0                  | 45                   | 0        | 516              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 9 SEWER REHABILITATION                         | 01/01/2008      | 12/31/2018         | 9,700     | 0                                 | 0                  | 0                    | 0        | 9,700            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 23 SEWAGE PUMPING STATION STANDBY POWER        | 01/01/2009      | 12/31/2017         | 163       | 0                                 | 0                  | 13                   | 0        | 150              | 0                          | 0       | 0       |      | 0 0                   |

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### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/F   | Financing  | ON UPGRADES         01/01/2013 12/31/2021         7,708         0         0         621         0         7,087         0         0         0           01/01/2016 12/31/2018         34,274         0         0         2,341         0         31,933         0         0         0           01/01/2017 12/31/2018         1,141         0         0         0         1,141         0< | <del></del> |        |                    |        |          |        |      |         |         |      |                      |
|-------------|--|--|-------------|--------|--------------------|--------|----------|--------|------|---------|---------|------|----------------------|
| Priority    | Project Project Name                             |  |             | Grants | Federal<br>Subsidy |        | Reserves |        | From | Other 1 | Other 2 | Debt | Debt -<br>Recoverabl |
| <u>0 WA</u> | S906958 SEWER SYSTEM REHABILITATION              |  |             |        |                    |        |          |        |      |         |         |      |                      |
| 0           | 24 GROUP 5 SEWAGE PUMPING STATION UPGRADES       | 01/01/201312/31  | 2021 7,70   | в 0    | 0                  | 621    | 0        | 7,087  | 0    | 0       | 0       |      | 0 0                  |
| 0           | 79 SEWER REHABILITATION - CWD                    | 01/01/201612/31  | 2018 34,27  | 4 0    | 0                  | 2,341  | 0        | 31,933 | 0    | 0       | 0       |      | 0                    |
| 0           | 81 CCTV INSPECTION-2017 SC                       | 01/01/2017 12/31   | 2018 1,14   | 1 0    | 0                  | 0      | 0        | 1,141  | 0    | 0       | 0       |      | 0                    |
| 0           | 82 SEWER REHABILITATION-2017 SC                  | 01/01/2017 12/31   | 2020 14,45  | 3 0    | 0                  | 0      | 0        | 14,453 | 0    | 0       | 0       |      | 0                    |
| 0           | 83 SEWER REHABILITATION - CWD-2017 SC            | 01/01/2017 12/31   | 2023 4,25   | в 0    | 0                  | -2,341 | 0        | 6,599  | 0    | 0       | 0       |      | 0                    |
| 0           | 86 SEWAGE PUMPING STATION STANDBY POWER - 2017 S | SC 01/01/2017 12/31  | 2018 -14    | 4 0    | 0                  | -11    | 0        | -133   | 0    | 0       | 0       |      | 0                    |
| 0           | 88 SPS SCADA UPGRADES - ENGINEERING- 2017 SC     | 01/01/2017 12/31   | 2018 -17    | 3 0    | 0                  | -14    | 0        | -159   | 0    | 0       | 0       |      | 0                    |
| 0           | 89 GROUP 5 SEWAGE PUMPING STATION UPGRADES- 207  | 17 \$01/01/2017 12/31  | 2021 -4,30  | в 0    | 0                  | -347   | 0        | -3,961 | 0    | 0       | 0       |      | 0                    |
|             |  | Project Sub-tota   | 67,70       | 2 0    | 0                  | 308    | 0        | 67,394 | 0    | 0       | 0       |      | 0 0                  |
| <u>0 WA</u> | S906960 STREAM RESTORATION & EROSION CONTROL     |  |             |        |                    |        |          |        |      |         |         |      |                      |
| 0           | 1 HIGHLAND CREEK STREAM RESTORATION              | 01/01/200612/31  | 2017 4      | 2 0    | 0                  | 3      | 0        | 39     | 0    | 0       | 0       |      | 0                    |
| 0           | 7 STREAM RESTORATION                             | 01/01/200812/31  | 2021 7,87   | 1 0    | 0                  | 633    | 0        | 7,238  | 0    | 0       | 0       |      | 0                    |
| 0           | 39 STREAM RESTORATION - PHASE 2                  | 01/01/201612/31  | 2025 2,85   | 0 0    | 0                  | 229    | 0        | 2,621  | 0    | 0       | 0       |      | 0                    |
| 0           | 41 WATERCOURSE - ENGINEERING                     | 01/01/2017 12/31   | 2026 10     | 0 0    | 0                  | 8      | 0        | 92     | 0    | 0       | 0       |      | 0                    |
| 0           | 43 PARTNER PROJECTS                              | 01/01/2017 12/31   | 2021 1,00   | 0 0    | 0                  | 81     | 0        | 919    | 0    | 0       | 0       |      | 0                    |
| 0           | 48 STREAM RESTORATION - 2017 SC                  | 01/01/2017 12/31   | 2021 -5,06  | 5 0    | 0                  | -407   | 0        | -4,658 | 0    | 0       | 0       |      | 0                    |
| 0           | 49 STREAM RESTORATION - PHASE 2 - 2017 SC        | 01/01/2017 12/31   | 2025 -2,85  | 0 0    | 0                  | -229   | 0        | -2,621 | 0    | 0       | 0       |      | 0                    |
| 0           | 50 HIGHLAND CREEK STREAM RESTORATION- 2017 SC    | 01/01/2017 12/31   | 2017        | 3 0    | 0                  | 1      | 0        | 2      | 0    | 0       | 0       |      | 0                    |
| 0           | 51 STUDIES, EAs, MASTER PLANS                    | 01/01/2017 12/31   | 2022 91     | 0 0    | 0                  | 73     | 0        | 837    | 0    | 0       | 0       |      | 0                    |
| 0           | 52 CRITICAL REPAIRS                              | 01/01/2017 12/31   | 2024 82     | 5 0    | 0                  | 66     | 0        | 759    | 0    | 0       | 0       |      | 0                    |
| 0           | 53 EMERGENCY EROSION CONTROL                     | 01/01/2017 12/31   | 2022 30     | 0 0    | 0                  | 24     | 0        | 276    | 0    | 0       | 0       |      | 0                    |
|             |  | Project Sub-tota   | 5,98        | 6 0    | 0                  | 482    | 0        | 5,504  | 0    | 0       | 0       |      | 0 0                  |
| <u>0 WA</u> | S906966 SWM TRCA FUNDING                         |  |             |        |                    |        |          |        |      |         |         |      |                      |
| 0           | 23 TORONTO WATER TRANSFER TO TRCA CAPITAL-2017   | SC 01/01/2017 12/31  | 2017 4,27   | 5 0    | 0                  | 344    | 0        | 3,931  | 0    | 0       | 0       |      | 0 0                  |
|             |  | Project Sub-tota   | 4,27        | 5 0    | 0                  | 344    | 0        | 3,931  | 0    | 0       | 0       |      | 0 0                  |
| <u>0 WA</u> | S906968 ENGINEERING                              |  |             |        |                    |        |          |        |      |         |         |      |                      |
| 0           | 2 CONSULTING FEES                                | 01/01/200612/31  | 2021 13,97  | в 0    | 0                  | 0      | 0        | 13,978 | 0    | 0       | 0       |      | 0                    |
| 0           | 59 ROAD RESTORATION                              | 01/01/200612/31  | 2017 1,83   | в 0    | 0                  | 0      | 0        | 1,838  | 0    | 0       | 0       |      | 0                    |
| 0           | 64 CONSULTING FEES                               | 01/01/2017 12/31   | 2026 -2,10  | 0 0    | 0                  | 0      | 0        | -2,100 | 0    | 0       | 0       |      | 0                    |
| 0           | 65 ECS SALARIES                                  | 01/01/2017 12/31   | 2017 13,93  | 6 0    | 0                  | 0      | 0        | 13,936 | 0    | 0       | 0       |      | 0                    |
| 0           | 66 ROAD RESTORATION- 2017 SC                     | 01/01/2017 12/31   | 2018 -1,03  | в 0    | 0                  | 0      | 0        | -1,038 | 0    | 0       | 0       |      | 0                    |
|             |  | Project Sub-tota   | 26,61       | 4 0    | 0                  | 0      | 0        | 26,614 | 0    | 0       | 0       |      | 0                    |
| 0 WA        | S906973 SEWER REPLACEMENT PROGRAM                | -  |             |        |                    |        |          |        |      |         |         |      |                      |

#### CITY OF TORONTO

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

Sub-Project Summary

| Project/    | Financing                                  |                            | 2017         |                                   | - M                |                      |          | Financ           | <u> </u>                   |         |         |      |                       |
|-------------|--|----------------------------|--------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                       | Start Date Complet<br>Date | on Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>o</u> wa | S906973 SEWER REPLACEMENT PROGRAM          |                            |              |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 24 FORCEMAIN REPLACEMENT                   | 01/01/2012 12/31/20        | 17 10        | 0                                 | 0                  | 0                    | 0        | 10               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 25 2012 SEWER REPLC                        | 01/01/2012 12/31/20        | 17 415       | 0                                 | 0                  | 0                    | 0        | 415              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 35 2013 SEWER REPLC                        | 01/01/201312/31/20         | 17 1         | 0                                 | 0                  | 0                    | 0        | 1                | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 36 SEWER REPLC - 2014 PROGRAM              | 01/01/2014 12/31/20        | 17 631       | 0                                 | 0                  | 2                    | 0        | 629              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 46 EBF REPORT                              | 01/01/201312/31/20         | 17 41        | 0                                 | 0                  | 27                   | 0        | 14               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 52 SEWER REPLACEMENT - METROLINX           | 01/01/2014 12/31/20        | 19 1,951     | 0                                 | 0                  | 0                    | 0        | 1,951            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 55 SEWER REPLACEMENT - LESLIE ST 2017 SC   | 01/01/2016 12/31/20        | 17 147       | 0                                 | 0                  | 12                   | 0        | 135              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 62 SEWER REPLC - 2015 PROGRAM              | 01/01/2015 12/31/20        | 18 1,511     | 0                                 | 0                  | 122                  | 0        | 1,389            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 71 SEWER REPLC - 2016 PROGRAM              | 01/01/2016 12/31/20        | 18 10,222    | 0                                 | 0                  | 823                  | 0        | 9,399            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 75 FORCEMAIN REPLACEMENT - 2016            | 01/01/2016 12/31/20        | 21 3,475     | 0                                 | 0                  | 0                    | 0        | 3,475            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 78 SEWER REPLC - 2017 PROGRAM              | 01/01/2017 12/31/20        | 19 4,898     | 0                                 | 0                  | 394                  | 0        | 4,504            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 81 SEWER REPLC - 2014 PROGRAM - 2017 SC    | 01/01/2017 12/31/20        | 18 -607      | 0                                 | 0                  | 0                    | 0        | -607             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 82 SEWER REPLACEMENT - METROLINX - 2017 SC | 01/01/2017 12/31/20        | 21 -1,759    | 0                                 | 0                  | 0                    | 0        | -1,759           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 83 FORCEMAIN REPLACEMENT- 2017 SC          | 01/01/2017 12/31/20        | 18 -5        | 0                                 | 0                  | 0                    | 0        | -5               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 84 2012 SEWER REPLC- 2017 SC               | 01/01/2017 12/31/20        | 18 -393      | 0                                 | 0                  | 0                    | 0        | -393             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 85 EBF REPORT- 2017 SC                     | 01/01/2017 12/31/20        | 17 959       | 0                                 | 0                  | 627                  | 0        | 332              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 86 EBF REPORT- 2017 SC                     | 01/01/2017 12/31/20        | 17 4,442     | 0                                 | 0                  | 2,905                | 0        | 1,537            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 87 SEWER REPLC - 2015 PROGRAM- 2017 SC     | 01/01/2017 12/31/20        | 18 314       | 0                                 | 0                  | 25                   | 0        | 289              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 88 SEWER REPLC - 2016 PROGRAM- 2017 SC     | 01/01/2017 12/31/20        | 18 -4,021    | 0                                 | 0                  | -324                 | 0        | -3,697           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 89 FORCEMAIN REPLACEMENT - 2016- 2017 SC   | 01/01/2017 12/31/20        | 21 -3,100    | 0                                 | 0                  | 0                    | 0        | -3,100           | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub-total:         | 19,132       | 0                                 | 0                  | 4,613                | 0        | 14,519           | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 WA</u> | S906980 ASHBRIDGES BAY T.P. YR2006         |                            |              |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 9 DEWATERING EQUIPMENT UPGRADES            | 01/01/2006 12/31/20        | 17 1,248     | 0                                 | 0                  | 100                  | 0        | 1,148            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 42 DEWATERING EQUIPMENT UPGRADES- 2017 SC  | 01/01/2017 12/31/20        | 17 -1,248    | 0                                 | 0                  | -100                 | 0        | -1,148           | 0                          | 0       | 0       |      | 0 0                   |
|             |  | Project Sub-total:         | 0            | 0                                 | 0                  | 0                    | 0        | 0                | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | S906981 HIGHLAND CREEK WWTP UPGRADES       |                            |              |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 PROCESS & FACILITY UPGRADE               | 01/01/2006 12/31/20        | 22 2,970     | 0                                 | 0                  | 0                    | 0        | 2,970            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 3 BIOSOLIDS TREATMENT UPGRADES             | 01/01/2006 12/31/20        |              |                                   | 0                  | 816                  | 0        | 9,259            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 5 TRANSFORMERS AND SWITCHGEAR              | 01/01/2006 12/31/20        |              |                                   | 0                  | 41                   | 0        | 469              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 7 MECH & ELECTRICAL UPGRADE ENGINEERING    | 01/01/2006 12/31/20        |              | 0                                 | 0                  | 0                    | 0        | 671              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 8 DIGESTER GAS SYSTEM UPGRADES             | 01/01/2011 12/31/20        |              | 0                                 | 0                  | 0                    | 0        | 9,238            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 23 ELECTRICAL UPGRADES - ECAR              | 01/01/2012 12/31/20        | 20 1,117     | 0                                 | 0                  | 0                    | 0        | 1,117            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 31 ELEC SYSTEM UPGRADES - CONSTR           | 01/01/2009 12/31/20        |              |                                   | 0                  | 0                    | 0        | 390              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 32 CEPA COMPLIANCE - CL NOTICE - HCTP      | 01/01/2009 12/31/20        |              |                                   | 0                  | 0                    | 0        | 998              | 0                          | 0       | 0       |      | 0 0                   |

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# DÍ TORONTO

#### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

Sub-Project Summary

| Project         Project Anne         Statistic Direction (Cash P)<br>beaks         Project Marcol<br>beaks         Description<br>beaks  | Project/    | Financing       |  |                          | Г       | 2017      |        |   |      |          | Financ | ing  |         |         |      |   |   |
|---|-------------|-----------------|--|--------------------------|---------|-----------|--------|---|------|----------|--------|------|---------|---------|------|---|---|
| 0         BODIGESTER CLEANING, REHAB AND MIPROVEMENTS 44-7 010x0201412211201         285         0         0         0         280         0         0         0         285         0         0         0         285         0         0         0         285         0  | Priority    | Project         | Project Name                                 |                          |         | Cash Flow | Grants |   |      | Reserves |        | From | Other 1 | Other 2 | Debt |   |   |
| 0         90 PROCESS IMPROVEMENTS (ROADMAP FOR RCM)         0101/2015 12/31/2017         245         0         0         0         1245         0<  | <u>o wa</u> | <u>\$906981</u> | HIGHLAND CREEK WWTP UPGRADES                 |                          |         |           |        |   |      |          |        |      |         |         |      |   |   |
| O         D   | 0           | 80 DI           | GESTER CLEANING, REHAB AND IMPROVEMENTS #4-7 | 01/01/201412/3           | 31/2020 | 250       | 0      | 0 | 0    | 0        | 250    | 0    | 0       | 0       |      | 0 | 0 |
| 0         Distributed         Distributed <thdistributed< th=""> <thdistr< td=""><td>0</td><td>90 PF</td><td>OCESS IMPROVEMENTS (ROADMAP FOR RCM)</td><td>01/01/201512/3</td><td>31/2017</td><td>245</td><td>0</td><td>0</td><td>0</td><td>0</td><td>245</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td></thdistr<></thdistributed<>  | 0           | 90 PF           | OCESS IMPROVEMENTS (ROADMAP FOR RCM)         | 01/01/201512/3           | 31/2017 | 245       | 0      | 0 | 0    | 0        | 245    | 0    | 0       | 0       |      | 0 | 0 |
| 0         101 AERATION SYSTEM AND ASSOCIATED BUILDING UPGRAE0101/231/221         10,00         0         0         10,000         0         0         10,000            | 0           | 91 PF           | OCESS, EQUIPMENT, FACILITY UPGRADES          | 01/01/201512/3           | 31/2017 | 1,240     | 0      | 0 | 0    | 0        | 1,240  | 0    | 0       | 0       |      | 0 | 0 |
| 0         102LIQUID TRAIN - ENGINEERING         0101/2015 1231/2022         8,100         0         0         8,100           | 0           | 92 LIC          | QUID TRAIN REPAIRS - PHASE 1                 | 01/01/201512/3           | 31/2019 | 5,851     | 0      | 0 | 0    | 0        | 5,851  | 0    | 0       | 0       |      | 0 | 0 |
| 0         123 COMMUNICATION SYSTEM         0101/20161231/222         4.00         0 <td>0</td> <td>101 AE</td> <td>RATION SYSTEM AND ASSOCIATED BUILDING UPGRAI</td> <td>E01/01/201612/3</td> <td>31/2021</td> <td>10,090</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>10,090</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td>   | 0           | 101 AE          | RATION SYSTEM AND ASSOCIATED BUILDING UPGRAI | E01/01/201612/3          | 31/2021 | 10,090    | 0      | 0 | 0    | 0        | 10,090 | 0    | 0       | 0       |      | 0 | 0 |
| 122 BIOSOLIDS TREATMENT UPGRADES -2017 SC       0101/2017 1231/2020       4,575       0       0       4,275       0       0       4,204       0   | 0           | 102 LIC         | QUID TRAIN - ENGINEERING                     | 01/01/201512/3           | 31/2025 | 8,100     | 0      | 0 | 0    | 0        | 8,100  | 0    | 0       | 0       |      | 0 | 0 |
| 12.5 TRAINSFORMERS AND SWITCHGEAR-2017 SC       0101/2017 1231/2027       -500       0       -40       0       -400         | 0           | 123 CC          | DMMUNICATION SYSTEM                          | 01/01/201612/3           | 31/2021 | 400       | 0      | 0 | 0    | 0        | 400    | 0    | 0       | 0       |      | 0 | 0 |
| 0         126 ELEC SYSTEM UPGRADES - CONSTR-2017 SC         01/10/17/12/31/2017         -350         0         0         0         0         0         127 CFPA COMPLIANCE - CL NOTICE - HCTP-2017 SC         01/01/2017/12/31/2022         4.138         0        0         0         0  | 0           | 124 BI          | DSOLIDS TREATMENT UPGRADES -2017 SC          | 01/01/2017 12/3          | 31/2020 | -4,575    | 0      | 0 | -371 | 0        | -4,204 | 0    | 0       | 0       |      | 0 | 0 |
| Instruction   | 0           | 125 TR          | ANSFORMERS AND SWITCHGEAR-2017 SC            | 01/01/2017 12/3          | 31/2020 | -500      | 0      | 0 | -40  | 0        | -460   | 0    | 0       | 0       |      | 0 | 0 |
| 0       12b DIGESTER GAS SYSTEM UPGRADES-2017 SC       01/01/2017 1231/2022       4,138       0       0       0       4,138       0   | 0           | 126 EL          | EC SYSTEM UPGRADES - CONSTR-2017 SC          | 01/01/2017 12/3          | 31/2017 | -350      | 0      | 0 | 0    | 0        | -350   | 0    | 0       | 0       |      | 0 | 0 |
| 0         129 LIQUID TRAIN - ENGINEERING-2017 SC         01/01/2017 11/231/2022         6,000         0         1,011/20         0         0         0         1,011/20         0         0         0         1,011/20            | 0           | 127 CE          | PA COMPLIANCE - CL NOTICE - HCTP-2017 SC     | 01/01/2017 12/3          | 31/2022 | -498      | 0      | 0 | 0    | 0        | -498   | 0    | 0       | 0       |      | 0 | 0 |
| 0         130 LIQUID TRAIN REPAIRS - PHASE 1-2017 SC         0101/2017 12/31/2021         -5,001         0         0         -5,001         0         0         -5,001         0  | 0           | 128 DI          | GESTER GAS SYSTEM UPGRADES-2017 SC           | 01/01/2017 12/3          | 31/2020 | -4,138    | 0      | 0 | 0    | 0        | -4,138 | 0    | 0       | 0       |      | 0 | 0 |
| 0       131 AERATION SYSTEM&ASSOCIATED BLDG UPGRADES -2011 01/01/201712/31/2021       1,912       0       0       -8,090       0       0       0       0       1,912       0  | 0           | 129 LIC         | QUID TRAIN - ENGINEERING-2017 SC             | 01/01/2017 12/3          | 31/2026 | -6,000    | 0      | 0 | 0    | 0        | -6,000 | 0    | 0       | 0       |      | 0 | 0 |
| 0       132 PROCESS & FACILITY UPGRADE 2017 SC       01/01/201712/31/201       -1,912       0       0       0       -1,912       0  | 0           | 130 LIO         | QUID TRAIN REPAIRS - PHASE 1-2017 SC         | 01/01/2017 12/3          | 31/2021 | -5,001    | 0      | 0 | 0    | 0        | -5,001 | 0    | 0       | 0       |      | 0 | 0 |
| 0         133 MECH & ELECTRICAL UPGRADE ENGINEERING- 2017 SC 01/01/2017 12/31/201         -357         0         0         -357         0         0         0         0         0         -357         0  | 0           | 131 AE          | RATION SYSTEM&ASSOCIATED BLDG UPGRADES -201  | 1 01/01/2017 12/3        | 31/2021 | -8,090    | 0      | 0 | 0    | 0        | -8,090 | 0    | 0       | 0       |      | 0 | 0 |
| 0       134 ELECTRICAL UPGRADES - ECAP. 2017 SC       0/101/2017 12/31/202       63       0<  | 0           | 132 PF          | OCESS & FACILITY UPGRADE- 2017 SC            | 01/01/2017 12/3          | 31/2021 | -1,912    | 0      | 0 | 0    | 0        | -1,912 | 0    | 0       | 0       |      | 0 | 0 |
| 0       136 PROCESS IMPROVEMENTS (ROADMAP FOR RCM)-2017 501/01/201712/31/2017       -195       0       0       -195       0 </td <td>0</td> <td>133 ME</td> <td>CH &amp; ELECTRICAL UPGRADE ENGINEERING- 2017 SC</td> <td>01/01/2017 12/3</td> <td>31/2018</td> <td>-357</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-357</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td>  | 0           | 133 ME          | CH & ELECTRICAL UPGRADE ENGINEERING- 2017 SC | 01/01/2017 12/3          | 31/2018 | -357      | 0      | 0 | 0    | 0        | -357   | 0    | 0       | 0       |      | 0 | 0 |
| 0       137 PROCESS, EQUIPMENT, FACILITY UPGRADES- 2017 SC       01/01/2017 12/31/2017       -1,240       0       0       0       -1,240       0 <t< td=""><td>0</td><td>134 EL</td><td>ECTRICAL UPGRADES - ECAR- 2017 SC</td><td>01/01/2017 12/3</td><td>31/2020</td><td>-634</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-634</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td></t<>  | 0           | 134 EL          | ECTRICAL UPGRADES - ECAR- 2017 SC            | 01/01/2017 12/3          | 31/2020 | -634      | 0      | 0 | 0    | 0        | -634   | 0    | 0       | 0       |      | 0 | 0 |
| 0         138 COMMUNICATION SYSTEM- 2017 SC         01/01/2017 12/31/2027         -300         0         -300           | 0           | 136 PF          | OCESS IMPROVEMENTS (ROADMAP FOR RCM)- 2017   | <b>\$01/01/2017 12/3</b> | 31/2019 | -195      | 0      | 0 | 0    | 0        | -195   | 0    | 0       | 0       |      | 0 | 0 |
| Indecommentation of other land of the land of t | 0           | 137 PF          | OCESS, EQUIPMENT, FACILITY UPGRADES- 2017 SC | 01/01/2017 12/3          | 31/2017 | -1,240    | 0      | 0 | 0    | 0        | -1,240 | 0    | 0       | 0       |      | 0 | 0 |
| Q         WAS906982         HUMBER WWTP UPGRADES           0         2 CHLORINE FACILITY UPGRADE         01/01/2006 12/31/2017         451         0         0         451         0         0         0         0         451         0         0         0         0         0         0         0         451         0 <td>0</td> <td>138 CC</td> <td>DMMUNICATION SYSTEM- 2017 SC</td> <td>01/01/2017 12/3</td> <td>31/2022</td> <td>-300</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-300</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td>  | 0           | 138 CC          | DMMUNICATION SYSTEM- 2017 SC                 | 01/01/2017 12/3          | 31/2022 | -300      | 0      | 0 | 0    | 0        | -300   | 0    | 0       | 0       |      | 0 | 0 |
| 0       2 CHLORINE FACILITY UPGRADE       01/01/2006 12/31/2017       451       0       0       451       0   |             |                 | P  | Project Sub-tot          | tal:    | 18,355    | 0      | 0 | 446  | 0        | 17,909 | 0    | 0       | 0       |      | 0 | 0 |
| 0       5 FLOOD PROTECTION       01/01/2016 12/31/2017       180       0       0       0       180       0<   | <u>o wa</u> | S906982         | HUMBER WWTP UPGRADES                         |                          |         |           |        |   |      |          |        |      |         |         |      |   |   |
| 0       6 NEW SUBSTATION       01/01/2006 12/31/2018       42       0       0       0       42       0       0       0       0       42       0 <td>0</td> <td>2 CH</td> <td>ILORINE FACILITY UPGRADE</td> <td>01/01/2006 12/3</td> <td>31/2017</td> <td>451</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>451</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td>   | 0           | 2 CH            | ILORINE FACILITY UPGRADE                     | 01/01/2006 12/3          | 31/2017 | 451       | 0      | 0 | 0    | 0        | 451    | 0    | 0       | 0       |      | 0 | 0 |
| 0       7 ELECTRICAL CONDITION ASSESSMENT RECOMMENDATI/01/2006 12/31/2021       2,885       0       0       0       2,885       0       0       0       2,885       0   | 0           | 5 FL            | OOD PROTECTION                               | 01/01/201612/3           | 31/2017 | 180       | 0      | 0 | 0    | 0        | 180    | 0    | 0       | 0       |      | 0 | 0 |
| 0       29 ADMIN BUILDING EXPANSION - ENGINEERING       01/01/2010 12/31/2021       670       0       0       670       0       0       670         | 0           | 6 NE            | W SUBSTATION                                 | 01/01/2006 12/3          | 31/2018 | 42        | 0      | 0 | 0    | 0        | 42     | 0    | 0       | 0       |      | 0 | 0 |
| 0       52 HVAC UPGRADES       01/01/2013 12/31/2019       7,390       0       0       0       7,390          | 0           | 7 EL            | ECTRICAL CONDITION ASSESSMENT RECOMMENDATI   | 1(01/01/2006 12/3        | 31/2021 | 2,885     | 0      | 0 | 0    | 0        | 2,885  | 0    | 0       | 0       |      | 0 | 0 |
| 0       81 BLOWER REPLACEMENT       01/01/2016 12/31/2024       475       0       0       0       475       0       0       0       475       0       <   | 0           | 29 A D          | MIN BUILDING EXPANSION - ENGINEERING         | 01/01/201012/3           | 31/2021 | 670       | 0      | 0 | 0    | 0        | 670    | 0    | 0       | 0       |      | 0 | 0 |
| 0       95 REPLACEMENT OF WASTE GAS BURNERS       01/01/2016 12/31/2017       1,509       0       0       1,509       0 <t< td=""><td>0</td><td>52 H\</td><td>AC UPGRADES</td><td>01/01/201312/3</td><td>31/2019</td><td>7,390</td><td>0</td><td>0</td><td>0</td><td>0</td><td>7,390</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td></t<>   | 0           | 52 H\           | AC UPGRADES                                  | 01/01/201312/3           | 31/2019 | 7,390     | 0      | 0 | 0    | 0        | 7,390  | 0    | 0       | 0       |      | 0 | 0 |
| 0       99 WET WEATHER FLOW       01/01/2016 12/31/2019       2,315       0       0       0       2,315       0       <   | 0           | 81 BL           | OWER REPLACEMENT                             | 01/01/201612/3           | 31/2024 | 475       | 0      | 0 | 0    | 0        | 475    | 0    | 0       | 0       |      | 0 | 0 |
| 0       101 FLOOD PROTECTION-2017 SC       01/01/2017 12/31/2017       20         | 0           | 95 RE           | PLACEMENT OF WASTE GAS BURNERS               | 01/01/201612/3           | 31/2017 | 1,509     | 0      | 0 | 0    | 0        | 1,509  | 0    | 0       | 0       |      | 0 | 0 |
|   | 0           | 99 WI           | ET WEATHER FLOW                              | 01/01/201612/3           | 31/2019 | 2,315     | 0      | 0 | 0    | 0        | 2,315  | 0    | 0       | 0       |      | 0 | 0 |
| 0 102 HVAC UPGRADES-2017 SC 01/01/2017 12/31/2021 -2,598 0 0 0 0 -2,598 0 0 0 0 0 0 0 0   | 0           | 101 FL          | OOD PROTECTION-2017 SC                       | 01/01/2017 12/3          | 31/2017 | 20        | 0      | 0 | 0    | 0        | 20     | 0    | 0       | 0       |      | 0 | 0 |
|   | 0           | 102 H\          | AC UPGRADES-2017 SC                          | 01/01/2017 12/3          | 31/2021 | -2,598    | 0      | 0 | 0    | 0        | -2,598 | 0    | 0       | 0       |      | 0 | 0 |

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#### CITY OF TORONTO

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/   | Financing  |                            | 2017         |                                   |                    |                      |          | Financ           | - J                        |         |         |      |                       |
|------------|--|----------------------------|--------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority   | Project Project Name                                 | Start Date Complet<br>Date | on Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>o w</u> | S906982 HUMBER WWTP UPGRADES                         |                            |              |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 103 BLOWER REPLACEMENT-2017 SC                       | 01/01/2017 12/31/20        | 18 -225      | 5 O                               | 0                  | 0                    | 0        | -225             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 104 REPLACEMENT OF WASTE GAS BURNERS-2017 SC         | 01/01/2017 12/31/20        | 22 -1,159    | 0                                 | 0                  | 0                    | 0        | -1,159           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 105 WET WEATHER FLOW-2017 SC                         | 01/01/2017 12/31/20        | 20 -1,715    | 5 O                               | 0                  | 0                    | 0        | -1,715           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 107 MESI UPGRADES                                    | 01/01/2017 12/31/20        | 21 500       | 0 0                               | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 108 BUILDING UPGRADES ENGINEERING- 2017 SC           | 01/01/2017 12/31/20        | 18 30        | 0                                 | 0                  | 0                    | 0        | 30               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 109 CHLORINE FACILITY UPGRADE- 2017 SC               | 01/01/2017 12/31/20        | 18 -390      | 0 0                               | 0                  | 0                    | 0        | -390             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 110 ELECTRICAL CONDITION ASSESSMENT RECOM- 2017 SC   | C 01/01/2017 12/31/20      | 19 -1,232    | 0                                 | 0                  | 0                    | 0        | -1,232           | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 111 NEW SUBSTATION- 2017 SC                          | 01/01/2017 12/31/20        | 17 -4        | 0                                 | 0                  | 0                    | 0        | -4               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 112 NEW GROUNDSKEEPING BUILDING- 2017 SC             | 01/01/2017 12/31/20        | 17 17        | 0                                 | 0                  | 0                    | 0        | 17               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 113 ADMIN BUILDING EXPANSION - ENGINEERING- 2017 SC  | 01/01/2017 12/31/20        | -387         | 0                                 | 0                  | 0                    | 0        | -387             | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 114 FIELD OFFICE- 2017 SC                            | 01/01/2017 12/31/20        | 17 322       | 0                                 | 0                  | 0                    | 0        | 322              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 116 SERVICE REHAB AND UPGRADES                       | 01/01/2017 12/31/20        | 22 500       | 0 0                               | 0                  | 0                    | 0        | 500              | 0                          | 0       | 0       |      | 0 0                   |
|            | F  | Project Sub-total:         | 9,596        | 0                                 | 0                  | 0                    | 0        | 9,596            | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA       | S906994 HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING  | 3                          |              |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 1 HIGHLAND CREEK WWTP - BMP IMPLEMENTATION           |                            | 23 3,029     | 0                                 | 0                  | 244                  | 0        | 2,785            | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 3 WAS THICKENING - CONSTR                            | 01/01/201012/31/20         | ,            |                                   | 0                  | 8                    | 0        | 94               | 0                          | 0       |         |      | 0 0                   |
| 0          | 17 WAS THICKENING - CONSTR-2017 SC                   | 01/01/2017 12/31/20        | 18 -52       | 0                                 | 0                  | -4                   | 0        | -48              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 18 HCTP BMP IMPLEMENTATION-2017 SC                   | 01/01/2017 12/31/20        | 26 -2,929    | 0                                 | 0                  | -236                 | 0        | -2,693           | 0                          | 0       | 0       |      | 0 0                   |
|            |  | Project Sub-total:         | 150          | 0                                 | 0                  | 12                   | 0        | 138              | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA       | S907038 Land Acquisition for Source Water Protect    | -                          |              |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 14 TRCA - SCARBOROUGH WATERFRONT TRAIL EA            | 01/01/201612/31/20         | 17 85        | 5 O                               | 0                  | 7                    | 0        | 78               | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 25 TRCA - SCARBOROUGH WATERFRONT WEST EA             | 01/01/201612/31/20         |              |                                   | 0                  | 47                   | 0        | 1,338            | 0                          |         | 0       |      | 0 0                   |
| 0          | 27 TRCA - CRITICAL EROSION SITES-2017 SC             | 01/01/2017 12/31/20        | ,            |                                   | 0                  | 644                  | 0        | 7,356            | 0                          |         | 0       |      | 0 0                   |
| 0          | 28 TRCA - SCARBOROUGH WATERFRONT WEST EA - 2017 S    | S(01/01/2017 12/31/20      | ,            |                                   | 0                  | 33                   | 0        | -418             | 0                          | 0       | 0       |      | 0 0                   |
| -          |  | Project Sub-total:         | 9,085        | 0                                 | 0                  | 731                  | 0        | 8,354            | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA       | S907097 ASHBRIDGES BAY WWTP - BUILDING SERVICES & SI |                            |              |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0          | 7 CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEI     |                            | 17 100       | 0                                 | 0                  | 0                    | 0        | 100              | 0                          | 0       | 0       |      | 0 0                   |
| 0          | 19 BIO GAS UTILIZATION                               | 01/01/200912/31/20         |              |                                   | 0                  | 0                    | 0        | 1.035            | 0                          |         |         |      | 0 0                   |
| 0          | 21 BLOWER BLDG & OLD NORTH SUBSTATION IMPROVEME      |                            | ,            |                                   | 0                  | 0                    | 0        | 850              | 0                          | -       | •       |      | 0 0                   |
| 0          | 62 BIO GAS UTILIZATION-2017 SC                       | 01/01/2017 12/31/20        |              |                                   | 0                  | 0                    | 0        | -835             | 0                          |         | 0       |      | 0 0                   |
| 0          | 63 BLOWER BLDG OLD NORTH SUBSTATION IMPRO - 2017 S   |                            |              |                                   | 0                  | 0                    | 0        | -400             | 0                          | -       | Ŭ       |      | 0 0                   |
| 0          | 64 GROVE LANDSCAPING - PHASE 1                       | 01/01/2017 12/31/20        |              |                                   | 0                  | 0                    | 0        | 790              | 0                          | 0       | •       |      | 0 0                   |
| 5          |  | Project Sub-total:         | 1,540        |                                   | 0                  | 0                    | 0        | 1,540            | 0                          | -       | -       |      | 0 0                   |
|            | г  |                            | 1,540        | 0                                 | 0                  | 0                    | 0        | 1,040            | 0                          | 0       | 0       |      | 0                     |

Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5

#### CITY OF TORONTO

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/    | /Financing   |                         | 2017       |                                     |                    |                      |          | Finan            | Ų                          |         |         |      |                       |
|-------------|--|-------------------------|------------|-------------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                                 | Start Date Compl<br>Dat |            | w Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>0</u> W/ | AS907098 ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM       |                         |            |                                     |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 DISINFECTION ENGINEERING                           | 01/01/200912/31/2       | 021 4,18   | 4 0                                 | 0                  | 337                  | 0        | 3,847            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 13 OUTFALL ASSESSMENT                                | 01/01/2012 12/31/2      | 017 94     | 0 0                                 | 0                  | 94                   | 0        | 846              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 14 OUTFALL ENGINEERING                               | 01/01/201512/31/2       | 024 8,71   | 0 0                                 | 0                  | 701                  | 0        | 8,009            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 15 DISINFECTION SYSTEM CONSTRUCTION                  | 01/01/2017 12/31/2      | 020 10     | 0 0                                 | 0                  | 8                    | 0        | 92               | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 28 DISINFECTION ENGINEERING-2017 SC                  | 01/01/2017 12/31/2      | .022 -3,17 | 4 0                                 | 0                  | -256                 | 0        | -2,918           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 29 OUTFALL ASSESSMENT - 2017 SC                      | 01/01/2017 12/31/2      | .017 -94   | 0 0                                 | 0                  | -94                  | 0        | -846             | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 30 OUTFALL ENGINEERING- 2017 SC                      | 01/01/2017 12/31/2      | .026 -4,81 | 0 0                                 | 0                  | -387                 | 0        | -4,423           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 31 OUTFALL - SITE PREP                               | 01/01/2017 12/31/2      | 018 5      | 0 0                                 | 0                  | 4                    | 0        | 46               | 0                          | 0       | 0       |      | 0                     |
|             | F  | Project Sub-total       | 5,06       | 0 0                                 | 0                  | 407                  | 0        | 4,653            | 0                          | 0       | 0       |      | 0 0                   |
| <u>o w</u>  | AS907099 ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HA | NDLIN                   |            |                                     |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 FINE BUBBLE AERATION - TANK #2                     | 01/01/2009 12/31/2      | 017 51     | 0 0                                 | 0                  | 42                   | 0        | 468              | 0                          | 0       | 0       |      | 0                     |
| 0           | 3 P BLDG HEADWORKS UPGRADE                           | 01/01/201012/31/2       | 018 40,03  | 5 0                                 | 0                  | 3,222                | 0        | 36,813           | 0                          | 0       | 0       |      | 0                     |
| 0           | 6 M & T PUMPING STATION CRITICAL REPAIRS             | 01/01/2014 12/31/2      | 017 5,39   | 9 0                                 | 0                  | 0                    | 0        | 5,399            | 0                          | 0       | 0       |      | 0                     |
| 0           | 10 INTEGRATED PUMPING STATION (IPS) - ENGINEERING    | 01/01/2011 12/31/2      | 024 6,74   | 0 0                                 | 0                  | 0                    | 0        | 6,740            | 0                          | 0       | 0       |      | 0                     |
| 0           | 12 WORK AREA 1 REHAB                                 | 01/01/2008 12/31/2      | 017        | 3 0                                 | 0                  | 0                    | 0        | 3                | 0                          | 0       | 0       |      | 0                     |
| 0           | 71 INTEGRATED PUMPING STATION (IPS) - ENG-2017 SC    | 01/01/2017 12/31/2      | 026 -1,31  | 0 0                                 | 0                  | 0                    | 0        | -1,310           | 0                          | 0       | 0       |      | 0                     |
| 0           | 72 P BLDG HEADWORKS UPGRADE-2017 SC                  | 01/01/2017 12/31/2      | 019 -25,01 | 0 0                                 | 0                  | -2,013               | 0        | -22,997          | 0                          | 0       | 0       |      | 0                     |
| 0           | 73 INTEGRATED PUMPING STATION (IPS) - CONST-2017 SC  | 01/01/2017 12/31/2      | 026 25     | 0 0                                 | 0                  | 0                    | 0        | 250              | 0                          | 0       | 0       |      | 0                     |
| 0           | 74 FINE BUBBLE AERATION - TANK #2 - 2017 SC          | 01/01/2017 12/31/2      | .018 -50   | 0 0                                 | 0                  | -41                  | 0        | -459             | 0                          | 0       | 0       |      | 0                     |
| 0           | 75 WORK AREA 1 REHAB- 2017 SC                        | 01/01/2017 12/31/2      | 018        | 3 0                                 | 0                  | 0                    | 0        | -3               | 0                          | 0       | 0       |      | 0                     |
| 0           | 76 M & T PUMPING STATION CRITICAL REPAIRS- 2017 SC   | 01/01/2017 12/31/2      | 018 -2,22  | 1 0                                 | 0                  | 0                    | 0        | -2,221           | 0                          | 0       | 0       |      | 0                     |
| 0           | 77 FINE BUBBLE AERATION - ENGINEERING                | 01/01/2017 12/31/2      | 025 5      | 0 0                                 | 0                  | 4                    | 0        | 46               | 0                          | 0       | 0       |      | 0                     |
|             | F  | Project Sub-total       | 23,94      | 3 0                                 | 0                  | 1,214                | 0        | 22,729           | 0                          | 0       | 0       |      | 0                     |
| <u>o w</u>  | AS907100 ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING | 3                       |            |                                     |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 3 WASTE ACTIVATED SLUDGE UPGRADE - ENGINEERING       | 01/01/2014 12/31/2      | 023 3,50   | 0 0                                 | 0                  | 282                  | 0        | 3,218            | 0                          | 0       | 0       |      | 0                     |
| 0           | 4 DIGESTERS 9-12 REFURBISH                           | 01/01/2011 12/31/2      | 023 10,82  | 0 0                                 | 0                  | 870                  | 0        | 9,950            | 0                          | 0       | 0       |      | 0                     |
| 0           | 8 BIOSOLIDS PELLETIZER RETROFIT                      | 01/01/201312/31/2       | 017 40     | 0 0                                 | 0                  | 0                    | 0        | 400              | 0                          | 0       | 0       |      | 0                     |
| 0           | 22 WASTE ACTIVATED SLUDGE UPGRADE - CONSTRUCTIO      | N01/01/2017 12/31/2     | 023 1,00   | 0 0                                 | 0                  | 80                   | 0        | 920              | 0                          | 0       | 0       |      | 0                     |
| 0           | 25 PELLETIZER TRUCK LOADING FACILITY UPGRADES        | 01/01/201412/31/2       | 019 96     | 7 0                                 | 0                  | 0                    | 0        | 967              | 0                          | 0       | 0       |      | 0                     |
| 0           | 46 DIGESTERS 9-12 REFURBISH - 2017 SC                | 01/01/2017 12/31/2      | .021 -6,47 | 0 0                                 | 0                  | -520                 | 0        | -5,950           | 0                          | 0       | 0       |      | 0                     |
| 0           | 47 WASTE ACTIVATED SLUDGE UPGRADE - ENG - 2017 SC    | 01/01/2017 12/31/2      | .024 -1,84 | з 0                                 | 0                  | -149                 | 0        | -1,694           | 0                          | 0       | 0       |      | 0                     |
| 0           | 48 PELLETIZER TRUCK LOADING FACILITY UPGRADES-201    | 7 01/01/2017 12/31/2    | .019 -48   | 0 0                                 | 0                  | 0                    | 0        | -480             | 0                          | 0       | 0       |      | 0                     |
|             | F  | Project Sub-total       | 7,89       | 4 0                                 | 0                  | 563                  | 0        | 7,331            | 0                          | 0       | 0       |      | 0                     |

### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/F   | Financing  |                              | 2017              |                                   |                    |                      |          | Finan            | cing                       |         |         |      |                 |   |
|-------------|--|------------------------------|-------------------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------|---|
| Priority    | Project Project Name                             | Start Date Completic<br>Date | n Cash Flow       | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt<br>Recover |   |
| <u>0 WA</u> | S907101 ASHBRIDGES BAY WWTP - O&M UPGRADES       |                              |                   |                                   |                    |                      |          |                  |                            |         |         |      |                 |   |
| 0           | 5 BOILER #4 DESIGN                               | 01/01/2010 12/31/201         | 8 47              | 0                                 | 0                  | 0                    | 0        | 47               | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 6 MESI UPGRADES                                  | 01/01/2012 12/31/201         | 9 3,448           | 0                                 | 0                  | 0                    | 0        | 3,448            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 7 MISC MECH REHAB                                | 01/01/2010 12/31/201         | 8 8,120           | 0                                 | 0                  | 0                    | 0        | 8,120            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 32 MISC MECH REHAB- 2017 SC                      | 01/01/2017 12/31/201         | 8 -3,120          | 0                                 | 0                  | 0                    | 0        | -3,120           | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 33 BOILER #4 DESIGN- 2017 SC                     | 01/01/2017 12/31/201         | 9 63              | 0                                 | 0                  | 0                    | 0        | 63               | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 34 MESI UPGRADES- 2017 SC                        | 01/01/2017 12/31/201         | 7 -463            | 0                                 | 0                  | 0                    | 0        | -463             | 0                          | 0       | 0       |      | 0               | 0 |
|             |  | Project Sub-total:           | 8,095             | 0                                 | 0                  | 0                    | 0        | 8,095            | 0                          | 0       | 0       |      | 0               | 0 |
| 0 WA        | S907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL      |                              |                   |                                   |                    |                      |          |                  |                            |         |         |      |                 |   |
| 0           | 6 BIOFILTERS UPGRADE & REPLACEMENT               | 01/01/2012 12/31/201         | 8 10,098          | 0                                 | 0                  | 813                  | 0        | 9,285            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 13 D BUILDING TREATMENT & BIOFILTER              | 01/01/2009 12/31/201         | 7 992             | 0                                 | 0                  | 80                   | 0        | 912              | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 38 D BUILDING TREATMENT & BIOFILTER- 2017 SC     | 01/01/2017 12/31/201         | 8 -98             | 0                                 | 0                  | -8                   | 0        | -90              | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 39 BIOFILTERS UPGRADE & REPLACEMENT- 2017 SC     | 01/01/2017 12/31/201         | 9 -3,598          | 0                                 | 0                  | -290                 | 0        | -3,308           | 0                          | 0       | 0       |      | 0               | 0 |
|             |  | Project Sub-total:           | 7,394             | 0                                 | 0                  | 595                  | 0        | 6,799            | 0                          | 0       | 0       |      | 0               | 0 |
| 0 WA        | S907104 HUMBER WWTP - LIQUID TREATMENT & HANDLIN | NG                           |                   |                                   |                    |                      |          |                  |                            |         |         |      |                 |   |
| 0           | 2 SECONDARY TREATMENT UPGRADES - SOUTH - ENG     |                              | 3 3,811           | 0                                 | 0                  | 307                  | 0        | 3,504            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 19 SECONDARY TREATMENT UPGRADES - SOUTH - CO     | NS 01/01/201512/31/202       |                   | 0                                 | 0                  | 3,623                | 0        | 41,377           | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 24 SECONDARY TREATMENT UPGRADES - SOUTH-CON      | S-20'01/01/2017 12/31/202    | 2 -11,500         | 0                                 | 0                  | -925                 | 0        | -10,575          | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 25 SECONDARY TREATMENT UPGRADES - SOUTH - ENG    | G 20101/01/2017 12/31/202    | 5 1,069           | 0                                 | 0                  | 85                   | 0        | 984              | 0                          | 0       | 0       |      | 0               | 0 |
|             |  | Project Sub-total:           | 38,380            | 0                                 | 0                  | 3,090                | 0        | 35,290           | 0                          | 0       | 0       |      | 0               | 0 |
| <u>0</u> WA | S907105 HUMBER WWTP - O&M UPGRADES               |                              |                   |                                   |                    |                      |          |                  |                            |         |         |      |                 |   |
| 0           | 1 GAS COMPRESSOR SYSTEM UPGRADES                 | 01/01/2008 12/31/201         | 7 3,723           | 0                                 | 0                  | 0                    | 0        | 3,723            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 2 LIQUID STREAM UPGRADES                         | 01/01/2010 12/31/201         | -                 | 0                                 | 0                  | 25                   | 0        | 291              | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 31 GAS COMPRESSOR SYSTEM UPGRADES-2017 SC        | 01/01/2017 12/31/201         | 9 219             | 0                                 | 0                  | 0                    | 0        | 219              | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 32 LIQUID STREAM UPGRADES- 2017 SC               | 01/01/2017 12/31/201         | 7 -316            | 0                                 | 0                  | -25                  | 0        | -291             | 0                          | 0       | 0       |      | 0               | 0 |
|             |  | Project Sub-total:           | 3,942             | 0                                 | 0                  | 0                    | 0        | 3,942            | 0                          | 0       | 0       |      | 0               | 0 |
| 0 WA        | S907106 HUMBER WWTP - ODOUR CONTROL              | -                            | L                 |                                   |                    |                      |          |                  |                            |         |         |      |                 |   |
| 0           | 1 ODOUR CONTROL IMPLEMENTATION - PHASE 1         | 01/01/201312/31/201          | 7 8,632           | 0                                 | 0                  | 694                  | 0        | 7,938            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 13 ODOUR CONTROL IMPLEMENTATION - PHASE 1-2017   |                              | -,                | 0                                 | 0                  | -191                 | 0        | -2,186           | 0                          |         | 0       |      | 0               | 0 |
| Ū           |  | Project Sub-total:           | 6,255             | 0                                 | 0                  | 503                  | 0        | ,                | 0                          | -       | -       |      | 0               | 0 |
| 0 WA        | S907224 SEWAGE PUMPING STATION UPGRADES          | -,                           | -,                |                                   | -                  |                      |          | -,               | -                          |         |         |      |                 |   |
| 0 0         | 1 SPS UPGRADES                                   | 01/01/2011 12/31/201         | 7 2,593           | 0                                 | 0                  | 209                  | 0        | 2,384            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 18 SPS UPGRADES - GROUP 6                        | 01/01/2016 12/31/202         | -                 | 0                                 | 0                  | 209<br>50            | 0        | 2,304            | 0                          | 0       | 0       |      | 0               | 0 |
| 0           | 29 SPS UPGRADES-2017 SC                          | 01/01/2017 12/31/202         |                   |                                   | 0                  | -17                  | 0        | -186             | 0                          | -       |         |      | 0               | 0 |
| U           | 23 3F 3 UFGRADE 3-2011 30                        | 01/01/2017 12/31/201         | <sup>3</sup> -203 | I U                               | U                  | -17                  | 0        | -100             | 0                          | 0       | 0       |      | U               | U |

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### Appendix 5: 2017 Capital Projects with Financing Detail

Wastewater Program

| Project/F   | Financing   |                               | 2017      |                                   |                    |                      |          | Financ           |                            |         |         |      |                       |
|-------------|---|-------------------------------|-----------|-----------------------------------|--------------------|----------------------|----------|------------------|----------------------------|---------|---------|------|-----------------------|
| Priority    | Project Project Name                                  | Start Date Completion<br>Date | Cash Flow | Provincial<br>Grants<br>Subsidies | Federal<br>Subsidy | Developmt<br>Charges | Reserves | Reserve<br>Funds | Capital<br>From<br>Current | Other 1 | Other 2 | Debt | Debt -<br>Recoverable |
| <u>0</u> WA | S907224 SEWAGE PUMPING STATION UPGRADES               |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 30 SUNNYSIDE SPS REHAB- 2017 SC                       | 01/01/2017 12/31/2017         | 688       | 0                                 | 0                  | 55                   | 0        | 633              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 31 SPS UPGRADES - GROUP 6- 2017 SC                    | 01/01/2017 12/31/2023         | -321      | 0                                 | 0                  | -26                  | 0        | -295             | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-total:            | 3,378     | 0                                 | 0                  | 271                  | 0        | 3,107            | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 WA</u> | S907559 DON & WATERFRONT TRUNK CSO                    |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 DON & WATERFRONT TRUNK/CSO PKG 1 - DESIGN           | 01/01/201312/31/2024          | 7,933     | 0                                 | 0                  | 638                  | 0        | 7,295            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 16 Don&Waterfront Trunk/CSO Design 2017 SC            | 01/01/2017 12/31/2024         | -3,733    | 0                                 | 0                  | -300                 | 0        | -3,433           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 17 DCW - PH1 - OFFLINE STORAGE TANK SHEPPARD/LES      | SLIE01/01/201712/31/2023      | 200       | 0                                 | 0                  | 16                   | 0        | 184              | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-total:            | 4,400     | 0                                 | 0                  | 354                  | 0        | 4,046            | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | S907700 NORTH TORONTO WTP UPGRADES                    |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 2 NTTP - ELECTRICAL UPGRADES - ECAR                   | 01/01/201212/31/2019          | 1,207     | 0                                 | 0                  | 0                    | 0        | 1,207            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 10 OPS INTERFACE NTTP                                 | 01/01/2017 12/31/2018         |           | 0                                 | 0                  | 0                    | 0        | 200              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 11 NTTP - PROCESS IMPROVEMENTS                        | 01/01/2017 12/31/2021         | 420       | 0                                 | 0                  | 0                    | 0        | 420              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 12 NTTP - ELECTRICAL UPGRADES - ECAR- 2017 SC         | 01/01/2017 12/31/2020         | -886      | 0                                 | 0                  | 0                    | 0        | -886             | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-total:            | 941       | 0                                 | 0                  | 0                    | 0        | 941              | 0                          | 0       | 0       |      | 0 0                   |
| 0 WA        | S908143 Georgetown South City Infrastructure Upgrades |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 GEORGETOWN SOUTH CITY INFRASTRUCTURE UPGF           | RAD01/01/201512/31/2019       | 6,189     | 0                                 | 0                  | 0                    | 0        | 6,189            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 7 GEORGETOWN SOUTH CITY INFRASTRUCTURE - 2017         | 7 SC01/01/2017 12/31/2017     | -509      | 0                                 | 0                  | 0                    | 0        | -509             | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-total:            | 5,680     | 0                                 | 0                  | 0                    | 0        | 5,680            | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 WA</u> | SWP003 EMERY CREEK POND                               |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 1 EMERY CREEK POND                                    | 01/01/200512/31/2018          | 5,793     | 0                                 | 0                  | 466                  | 0        | 5,327            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 15 EMERY CREEK POND- 2017 SC                          | 01/01/2017 12/31/2020         | -820      | 0                                 | 0                  | -66                  | 0        | -754             | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-total:            | 4,973     | 0                                 | 0                  | 400                  | 0        | 4,573            | 0                          | 0       | 0       |      | 0 0                   |
| <u>0 WA</u> | SWP050 EQUIPMENT REPLACEMENT & REHABILITATION         | -                             |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| 0           | 78 EQUIPMENT REPLACEMENT                              | 01/01/2012 12/31/2019         | 5,580     | 0                                 | 0                  | 0                    | 0        | 5,580            | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 117 REHAB OF SOUTH PRIMARY CLARIFIERS                 | 01/01/2005 12/31/2017         |           | 0                                 | 0                  | 0                    | 0        | 124              | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 132 EQUIPMENT REPLACEMENT-2017 SC                     | 01/01/2017 12/31/2020         | -2,514    | 0                                 | 0                  | 0                    | 0        | -2,514           | 0                          | 0       | 0       |      | 0 0                   |
| 0           | 133 REHAB OF SOUTH PRIMARY CLARIFIERS- 2017 SC        | 01/01/2017 12/31/2017         | -124      | 0                                 | 0                  | 0                    | 0        | -124             | 0                          | 0       | 0       |      | 0 0                   |
|             |   | Project Sub-total:            | 3,066     | 0                                 | 0                  | 0                    | 0        | 3,066            | 0                          | 0       | 0       |      | 0 0                   |
|             |   |                               |           |                                   |                    |                      |          |                  |                            |         |         |      |                       |
| Program     | n Total:  |                               | 466,912   | 0                                 | 0                  | 19,058               | 0        | 447,854          | 0                          | 0       | 0       |      | 0 0                   |

#### Status Code Description

- S3 S3 Prior Year - Change of Scope 2017 and\or Future Year Cost\Cashflow)
- S4 New Stand-Alone Project (Current Year Only) S5 New (On-going or Phased Projects) S4
- S5

- Category Code
   Description

   01
   Health and Safety C01
- Legislated C02 State of Good Repair C03
- 02 03
- Service Improvement and Enhancement C04 Growth Related C05
- 04 05
- Reserved Category 1 C06 Reserved Category 2 C07 06
- 07

## Appendix 6

## **Reserve / Reserve Fund Review**

### Table 11: Reserve / Reserve Fund – Program Specific

|                                |   |   |                  |                    | (\$0       | )00s)      |            |                  |            |            |            |            |  |
|--------------------------------|---|---|------------------|--------------------|------------|------------|------------|------------------|------------|------------|------------|------------|--|
| Tal                            | ble 1   |   |                  |                    |            |            | Contri     | ibutions / (With | ndrawals)  |            |            |            |  |
| Reserve / Reserve Fund<br>Name | Project / SubProject Name<br>and Number       | Projected<br>Balance<br>as at Dec.<br>31, 2016* | 2017<br>Budget   | 2018 Plan          | 2019 Plan  | 2020 Plan  | 2021 Plan  | 2022 Plan        | 2023 Plan  | 2024 Plan  | 2025 Plan  | 2026 Plan  | 2017 - 2026<br>Total<br>Contributions /<br>(Withdrawals) |
|                                | Beginning Balance                             | \$90,687  | \$99,350         | \$103,218          | \$99,272   | \$95,415   | \$90,531   | \$87,993         | \$84,931   | \$72,348   | \$50,545   | \$31,830   |  |
| Water DC Reserve Fund          | HORGAN W.T.P. EXPANSION                       |   | (\$24)           | (\$24)             |            |            |            | (\$13)           |            |            |            |            | (\$61)   |
|                                | WATER STORAGE EXPANSION                       |   | (\$22)           | (\$15)             |            |            |            |                  |            |            |            |            | (\$37)   |
| XR2111 DC - Water (2009)       | WATER EFFICIENCY PROGRAM                      |   | (\$520)          | (\$520)            | (\$520)    | (\$520)    | (\$520)    | (\$520)          | (\$520)    | (\$520)    | (\$520)    | (\$520)    | (\$5,200)  |
|                                | A VENUE ROAD TRUNKMAIN<br>REPLACEMENT         |   | (\$162)          | (\$252)            |            |            |            |                  |            |            |            |            | (\$414)  |
|                                | HORGAN TRUNK MAIN<br>EXPANSION                |   |                  | (\$323)            | (\$266)    | (\$627)    | (\$4,030)  | (\$4,023)        | (\$721)    | (\$236)    | (\$8)      |            | (\$10,234)   |
|                                | ISLAND W.T.P. R&R                             |   | (\$669)          | (\$72)             | (\$243)    | (\$851)    | (\$851)    | (\$365)          |            |            |            |            | (\$3,051)  |
|                                | DISTRICT WATERMAINS - NEW                     |   | (\$15)           | (\$500)            | (\$500)    | (\$500)    | (\$500)    | (\$500)          | (\$500)    | (\$500)    | (\$500)    | (\$500)    | (\$4,515)  |
|                                | PW ENGINEERING<br>DOWNTOWN W/M<br>ENHANCEMENT |   | (\$762)<br>(\$3) | (\$1,103)<br>(\$2) | (\$823)    | (\$757)    | (\$683)    | (\$644)          | (\$594)    | (\$369)    | (\$244)    | (\$119)    | (\$6,098)<br>(\$5)                                       |
|                                | TRUNK WATERMAIN EXPANSION                     |   | (\$1,150)        | (\$5,994)          | (\$5,929)  | (\$3,921)  | (\$5)      |                  |            |            |            |            | (\$16,999)   |
|                                | PROGRAM                                       |   | (\$526)          | (\$578)            | (\$626)    | (\$109)    | (\$1)      | (\$1)            |            |            |            |            | (\$1,841)  |
|                                | RL CLARK W.T.P. R&R                           |   | (\$619)          | (\$749)            | (\$640)    | (\$270)    | (\$4)      | (\$2)            |            |            |            |            | (\$2,284)  |
|                                | DIST W/M REPLACEMENT                          |   | (\$16,382)       | (\$17,653)         | (\$18,976) | (\$21,322) | (\$20,097) | (\$20,159)       | (\$20,221) | (\$20,221) | (\$20,532) | (\$20,532) | (\$196,095)  |
|                                | ISLAND W.T.P. R&R                             |   |                  | (\$3)              |            |            |            |                  |            |            |            |            | (\$3)  |
|                                | D2/D4 TRUNK WATERMAIN<br>UPGRADES             |   |                  |                    |            | (\$144)    | (\$289)    | (\$2,694)        | (\$9,908)  | (\$8,465)  | (\$5,915)  |            | (\$27,415)   |
|                                | BAYVIEW TRUNK WATERMAIN -<br>PH2              |   |                  |                    | (\$249)    | (\$311)    | (\$249)    | (\$467)          | (\$6,813)  | (\$19,194) | (\$18,945) | (\$18,945) | (\$65,173)   |
|                                | REGENT PARK CAPITAL<br>CONTRIBUTION           |   | (\$812)          | (\$1,909)          | (\$864)    | (\$1,398)  | (\$812)    | (\$33)           | (\$73)     | (\$40)     |            |            | (\$5,941)  |
|                                | WT&S PLANTWIDE                                |   | (\$45)           | (\$252)            | (\$574)    | (\$681)    | (\$1,292)  | (\$600)          | (\$731)    | (\$306)    | (\$660)    | (\$672)    | (\$5,813)  |
|                                | Total Withdrawals (-)                         | (\$15,698)                                      | (\$21,711)       | (\$29,949)         | (\$30,210) | (\$31,411) | (\$29,333) | (\$30,021)       | (\$40,081) | (\$49,851) | (\$47,324) | (\$41,288) | (\$351,179)  |
|                                | Total Contributions                           | \$24,361  | \$25,579         | \$26,003           | \$26,353   | \$26,527   | \$26,795   | \$26,959         | \$27,498   | \$28,048   | \$28,609   | \$29,182   | \$271,553  |
| Total Reserve Fund Balance at  | t Year-End                                    | \$99,350  | \$103,218        | \$99,272           | \$95,415   | \$90,531   | \$87,993   | \$84,931         | \$72,348   | \$50,545   | \$31,830   | \$19,724   |  |

\* Based on the 2016 Q2 Variance Report

### **Reserve / Reserve Fund Review**

### Table 11: Reserve / Reserve Fund – Program Specific - Continued

| Tab                            | ble 2  | Projected                          |                |                      |                    |            | Contr              | ibutions / (With | ndrawals)  |            |            |            |  |
|--------------------------------|--|------------------------------------|----------------|----------------------|--------------------|------------|--------------------|------------------|------------|------------|------------|------------|--|
| Reserve / Reserve Fund<br>Name | Project / SubProject Name<br>and Number        | Balance<br>as at Dec.<br>31, 2016* | 2017<br>Budget | 2018 Plan            | 2019 Plan          | 2020 Plan  | 2021 Plan          | 2022 Plan        | 2023 Plan  | 2024 Plan  | 2025 Plan  | 2026 Plan  | 2017 - 2026<br>Total<br>Contributions /<br>(Withdrawals) |
|                                | Beginning Balance                              | \$70,371                           | \$75,860       | \$75,880             | \$54,975           | \$32,911   | \$17,992           | \$17,873         | \$13,515   | \$12,881   | \$9,312    | \$3,620    |  |
| Sanitary Sewer DC Reserve      | A SHBRIDGES BAY WWTP<br>REHAB                  |                                    | (0707)         | (04.070)             | (0000)             | (600)      | (\$4)              |                  |            |            |            |            | (\$2,700   |
| Fund                           | TRUNK SEWER SYSTEM                             |                                    | (\$737)        | (\$1,073)<br>(\$136) | (\$866)<br>(\$373) | (\$20)     | (\$4)<br>(\$3,153) | (\$8,867)        | (\$8,952)  | (\$13,869) | (\$13,733) | (\$13,733) | (\$2,700   |
| V02026 DC . 6 (2004)           | HIGHLAND CREEK WWTP -                          |                                    |                | (\$136)              | (\$373)            | (\$932)    | (\$3,153)          | (\$8,867)        | (\$8,952)  | (\$13,869) | (\$13,733) | (\$13,733) | (\$63,748  |
| XR2026 DC - Sewer (2004)       | ODOUR CONTROL                                  |                                    | (\$1,126)      | (\$694)              | (\$534)            | (\$545)    | (\$44)             | (\$285)          | (\$496)    | (\$463)    | (\$235)    |            | (\$4,422   |
|                                | ASHBRIDGES BAY T.P III                         |                                    | (\$1,120)      | (\$094)              | (\$334)            | (4040)     | (\$44)             | (\$203)          | (\$450)    | (\$403)    | (\$233)    |            | (\$4,422   |
| XR2112 DC - Sewer (2009)       | YR2004   |                                    | (\$3)          | (\$14)               |                    |            |                    |                  |            |            |            |            | (\$17  |
|                                | HUMBER T.P II YR2004                           |                                    | (+-/           | (\$1)                |                    |            |                    |                  |            |            |            |            | (\$1   |
|                                | SEWER ASSET PLANNING                           |                                    | (\$432)        | (\$684)              | (\$636)            | (\$218)    | (\$197)            | (\$219)          | (\$219)    | (\$219)    | (\$219)    | (\$219)    | (\$3,262   |
|                                | NEW SEWER CONSTRUCTION                         |                                    | (\$1,709)      | (\$6,687)            | (\$5,067)          | (\$3,178)  | (\$339)            | (\$339)          | (\$339)    | (\$1,702)  | (\$2,519)  | (\$2,519)  | (\$24,398  |
|                                | DIST SEWER REHAB OPS                           |                                    | (+ ,, ,        | (+=,===)             | (+=,==:)           | (+-,)      | (****)             | (+)              | (+)        | (+.,)      | (+=,=)     | (+=,=)     | (+,  |
|                                | YR2005   |                                    |                | (\$1)                | (\$6)              |            |                    |                  |            |            |            | 1          | (\$7   |
|                                | HIGHLAND CREEK TP Y R2005                      |                                    | (\$1)          | (\$1)                |                    |            |                    |                  |            |            |            |            | (\$2   |
|                                | ASHRIDGES BAY TPYR2005                         |                                    | (\$32)         | (\$32)               | (\$39)             | (\$6)      |                    |                  |            |            |            |            | (\$109   |
|                                | SEWER SYSTEM                                   |                                    |                | () · · /             |                    | (1.7       |                    |                  |            |            |            |            |  |
|                                | REHABILITATION                                 |                                    | (\$308)        | (\$536)              | (\$504)            | (\$316)    | (\$171)            |                  |            |            |            |            | (\$1,835   |
|                                | SEWER REPLACEMENT                              |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | PROGRAM  |                                    | (\$3,959)      | (\$1,191)            | (\$549)            | (\$685)    | (\$658)            | (\$658)          | (\$658)    | (\$658)    | (\$658)    | (\$658)    | (\$10,332  |
|                                | ASHBRIDGES BAY T.P. YR2006                     |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | HIGHLAND CREEK WWTP                            |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | UPGRADES                                       |                                    | (\$446)        | (\$313)              | (\$66)             | (\$40)     |                    |                  |            |            |            |            | (\$865   |
|                                | HIGHLAND CREEK WWTP -<br>SOLIDS & GAS HANDLING |                                    | (\$12)         | (\$242)              | (\$201)            | (\$640)    | (\$1,274)          | (\$1,274)        | (\$1,258)  | (\$743)    | (\$16)     | (\$12)     | (\$5,672   |
|                                | ASHBRIDGES BAY WWTP -                          |                                    | (\$12)         | (\$242)              | (\$201)            | (\$040)    | (\$1,274)          | (\$1,274)        | (\$1,200)  | (\$743)    | (\$10)     | (\$12)     | (\$3,672   |
|                                | EFFLUENT SYSTEM                                |                                    | (\$407)        | (\$7,182)            | (\$9,112)          | (\$7,907)  | (\$2,780)          | (\$2,926)        | (\$2,530)  | (\$1,749)  | (\$1,613)  | (\$5)      | (\$36,211  |
|                                | ASHBRIDGES BAY WWTP -                          |                                    | (\$101)        | (\$1,102)            | (\$0,112)          | (\$1,001)  | (\$2,100)          | (\$2,020)        | (\$2,000)  | (\$1,110)  | (\$1,510)  | (\$0)      | (\$00,211  |
|                                | LIQUID TREATMENT & HANDLING                    |                                    | (\$1,214)      | (\$1,540)            | (\$2,274)          | (\$900)    | (\$900)            | (\$904)          | (\$944)    | (\$1,530)  | (\$2,418)  | (\$1,316)  | (\$13,940  |
|                                | ASHBRIDGES BAY WWTP -                          |                                    | ( , , ,        | X. 15 - 1            |                    | (1.1.7)    | (1.1.1)            | (1.1.7           |            | (1717)     |            | (          |  |
|                                | SOLIDS & GAS HANDLING                          |                                    | (\$563)        | (\$2,316)            | (\$3,381)          | (\$3,461)  | (\$3,121)          | (\$2,206)        | (\$1,221)  | (\$16)     |            |            | (\$16,285  |
|                                | A SHBRIDGES BAY WWTP -                         |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | ODOUR CONTROL                                  |                                    | (\$595)        | (\$245)              | (\$8)              |            |                    |                  |            |            |            |            | (\$848   |
|                                | HUMBER WWTP - LIQUID                           |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | TREATMENT & HANDLING                           |                                    | (\$3,090)      | (\$3,121)            | (\$2,677)          | (\$2,681)  | (\$1,955)          | (\$1,264)        | (\$71)     | (\$231)    | (\$1,436)  | (\$1,536)  | (\$18,062  |
|                                | HUMBER WWTP - O&M                              |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | UPGRADES                                       |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | HUMBER WWTP - ODOUR                            |                                    | (\$503)        | (\$532)              |                    |            |                    |                  |            |            |            | 1          | 104 000  |
|                                | CONTROL<br>SEWAGE PUMPING STATION              |                                    | (\$503)        | (\$532)              |                    |            |                    |                  |            |            |            |            | (\$1,035   |
|                                | UPGRADES                                       |                                    | (\$271)        | (\$415)              | (\$373)            | (\$646)    | (\$707)            | (\$586)          | (\$433)    | (\$140)    | (\$2)      | (\$2)      | (\$3,575   |
|                                | DON & WATERFRONT TRUNK                         |                                    | (ψ211)         | (\$413)              | (4373)             | (4040)     | (\$101)            | (\$500)          | (\$400)    | (\$140)    | (ψ2)       | (ψz)       | (\$5,575   |
|                                | CSO  |                                    | (\$354)        | (\$1,709)            | (\$4,184)          | (\$5,503)  | (\$5,014)          | (\$5,152)        | (\$4,242)  | (\$3,392)  | (\$4,409)  | (\$5,286)  | (\$39,245  |
|                                | LAWRENCE ALLAN                                 |                                    | (+)            | (+ .,. ==)           | (+ 1, 12 1)        | (+-,)      | (+=,= : .)         | (+-,,            | (+ -,= -)  | (+-,/      | (+ -, -==) | (+=,===)   | (***,= **  |
|                                | REVITALIZATION PLAN                            |                                    | (\$3,500)      | (\$11,842)           | (\$11,079)         | (\$7,237)  |                    |                  |            |            |            | 1          | 1  |
|                                |  |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                |  |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                |  |                                    |                |                      |                    |            |                    |                  |            |            |            |            |  |
|                                | Total Withdrawals (-)                          | (\$12,874)                         | (\$19,262)     | (\$40,507)           | (\$41,929)         | (\$34,915) | (\$20,317)         | (\$24,680)       | (\$21,363) | (\$24,712) | (\$27,258) | (\$25,286) | (\$280,229   |
|                                | Total Contributions                            | \$18,363                           | \$19,282       | \$19,602             | \$19,865           | \$19,996   | \$20,198           | \$20,322         | \$20,729   | \$21,143   | \$21,566   |            | \$204,70   |
| Total Reserve Fund Balance at  | t Year-End                                     | \$75,860                           | \$75,880       | \$54,975             | \$32,911           | \$17,992   | \$17,873           | \$13,515         | \$12,881   | \$9,312    | \$3,620    | \$331      |  |

\* Based on the 2016 Q2 Variance Report

| Та                             | ble 3   | Projected                          |                   |                    |                    |                    | Contri           | ibutions / (With | ndrawals) |           |           |           |  |
|--------------------------------|---|------------------------------------|-------------------|--------------------|--------------------|--------------------|------------------|------------------|-----------|-----------|-----------|-----------|--|
| Reserve / Reserve Fund<br>Name | Project / SubProject Name<br>and Number         | Balance<br>as at Dec.<br>31, 2016* | 2017<br>Budget    | 2018 Plan          | 2019 Plan          | 2020 Plan          | 2021 Plan        | 2022 Plan        | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2017 - 2026<br>Total<br>Contributions /<br>(Withdrawals) |
|                                | Beginning Balance                               | \$17,720                           | \$17,104          | \$18,952           | \$17,279           | \$17,407           | \$18,474         | \$20,850         | \$23,229  | \$23,192  | \$20,370  | \$16,574  |  |
| Storm Water Management         | SWM END OF PIPE FACILITIES                      |                                    | (\$107)           | (\$91)             | (\$677)            | (\$771)            | (\$276)          | (\$587)          | (\$2,463) | (\$5,215) | (\$6,170) | (\$13)    | (\$16,370)   |
| DC Reserve Fund                | WET WEATHER FLOW MP<br>WESTERN BEACHES RETROFIT |                                    | (\$479)<br>(\$99) | (\$429)<br>(\$428) | (\$687)<br>(\$510) | (\$703)<br>(\$474) | (\$572)<br>(\$1) | (\$796)<br>(\$7) | (\$790)   | (\$548)   | (\$548)   | (\$548)   | (\$6,100)<br>(\$1,519)                                   |
|                                | STREAM RESTORATION &                            |                                    | (499)             | (9420)             | (\$510)            | (9474)             | (\$1)            | (97)             |           |           |           |           | (\$1,313)  |
| XR2113 DC - SWM (2009)         | EROSION CONTROL                                 |                                    | (\$482)           | (\$598)            | (\$890)            | (\$1,180)          | (\$1,018)        | (\$499)          | (\$1,030) | (\$1,406) | (\$1,527) | (\$1,231) | (\$9,861)  |
| XR2404 DC - SWM (2004)         | SWM TRCA FUNDING                                |                                    | (\$344)           | (\$353)            | (\$361)            | (\$371)            | (\$380)          | (\$389)          | (\$399)   | (\$409)   | (\$419)   | (\$430)   | (\$3,855)  |
|                                | Land Acquisition for Source<br>Water Protect    |                                    | (\$731)           | (\$724)            | (\$793)            | (\$765)            | (\$765)          | (\$765)          | (\$885)   | (\$885)   | (\$885)   | (\$885)   | (\$8,083)  |
|                                | WATERFRONT STROMWATER                           |                                    | (\$654)           |                    |                    |                    |                  |                  |           |           |           |           |  |
|                                | EMERY CREEK POND                                |                                    | (\$400)           | (\$4)              | (\$4)              | (\$4)              |                  |                  |           |           |           |           | (\$412)  |
|                                | Total Withdrawals (-)                           | (\$5,515)                          | (\$3,296)         | (\$2,627)          | (\$3,922)          | (\$4,268)          | (\$3,012)        | (\$3,043)        | (\$5,567) | (\$8,463) | (\$9,549) | (\$3,107) | (\$46,854)   |
|                                | Total Contributions                             | \$4,899                            | \$5,144           | \$5,229            | \$5,300            | \$5,335            | \$5,388          | \$5,422          | \$5,530   | \$5,641   | \$5,753   | \$5,868   | \$54,610   |
|                                | Other Program / Agency Net                      |                                    |                   |                    |                    |                    |                  |                  |           |           |           |           |  |
|                                | (Withdrawls) and                                |                                    |                   |                    |                    |                    |                  |                  |           |           |           |           |  |
|                                | Contributions                                   |                                    |                   | (\$4,275)          | (\$1,250)          |                    |                  |                  |           |           |           |           | (\$5,525)  |
| Total Reserve Fund Balance a   | t Year-End                                      | \$17,104                           | \$18,952          | \$17,279           | \$17,407           | \$18,474           | \$20,850         | \$23,229         | \$23,192  | \$20,370  | \$16,574  | \$19,335  |  |

Based on the 2016 Q2 Variance Report