

Appendix B - Large Capital Projects Status Update

Famer's Market

Department: CAO's Office **Section:** Economic Development
Expected Completion Date: Q4 2019

Project Highlights: Capital dollars will be used in 2019 in order to address immediate structural needs of the CP Rail Station on Elgin Street including repairs required due to the obsolescence of the building. Staff are working to determine the steps required this year to maintain the safety and integrity of the building, and the costs associated, and expect to have more information later this spring.

Accomplishments to Date: In 2014 a report was completed by Yallowega Belanger Architecture to validate the current building conditions of CP Station and make recommendations for renovating. Staff are reviewing these recommendations to determine priorities for Council decisions where required.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Environmental Assessment	\$ 63,094	\$ 63,094	\$ -	\$ -
Property Acquisition	\$ 441,889	\$ 441,889	\$ -	\$ -
Building	\$ 871,855	\$ 1,371,855	\$ 500,000	\$ -
Total	\$ 1,376,838	\$ 1,876,838	\$ 500,000	\$ -

Funding	
Capital Reserves	\$ 1,876,838
Total	\$ 1,876,838

Event Center

Department: Community Development **Section:** Event Center
Expected Completion Date: unknown

Project Highlights: The Event Centre is proposed to have 5,800 seats as a sporting venue and 6,500 seats for concerts and is to be located at the Kingsway Entertainment District.

Accomplishments to Date: The Event Centre has received approval from Council for the rezoning, which have been appealed to the LPAT process. A cost sharing agreement has been signed with the partners, and the site design and preparation/tendering of the Design-Build RFP is proceeding.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Event Center Construction Costs	\$ 1,538,024	\$ 99,574,140	\$ 98,036,116	\$ -
Contribution to Operating	\$ 312,514	\$ 880,695	\$ 568,181	\$ -
Total	\$ 1,850,538	\$ 100,454,835	\$ 98,604,297	\$ -

Funding	
Capital Reserves	\$ 1,428,190
Recoveries	\$ 10,129,834
Debt	\$ 88,896,810
Total	\$ 100,454,834

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Adanac Ski Hill Lift

Department: Community Development **Section:** Leisure Services
Expected Completion Date: 2019-20

Project Highlights: The existing double ski lift at the Adanac Ski Hill has been replaced with a new quad ski lift and was operational in the winter season that started in December 2017. Surplus budget from Adanac ski lift project is required to build standalone Mechanical / Electrical Building at Adanac Ski Hill due to the water penetration into the existing Mechanical / Electrical room. Estimated total cost for this project is \$240,000.

Accomplishments to Date: The new quad ski lift at Adanac Ski Hill has been installed and operational since 2018 winter season. Staff is working on the plan to facilitate the remainder of this project.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Adanac Ski Hill Lift	\$ 1,941,642	\$ 2,299,925	\$ 358,283	\$ 118,283

Funding	
Annual Contribution to Capital	\$ 961,497
Capital Reserves	\$ 1,202,442
Obligatory Reserves	\$ 130,000
Recoveries	\$ 5,987
Total	\$ 2,299,925

Playground Revitalization

Department: Community Development **Section:** Leisure Services
Expected Completion Date: 2019-2021

Project Highlights: As part of the 2018 budget, City Council approved \$2.3 million from HCI funds (or \$150,000 annually from years 2018 to 2039 plus interest) toward the Playground Revitalization project. This project is a phased renewal of several municipal playgrounds identified as being in poor condition over the next few years.

Accomplishments to Date: Playground or tot lot locations that have been completed, in progress or to start in 2019 include the following locations as listed below: Selkirk; St. Joseph; HARC; Cote; East Street; Lonsdale; Sixth Avenue; Pinecrest; Penman; Hillcrest; Place Hurtubise; and Lakeview. Remaining budget of \$1.3 million will be spent on other prioritized playgrounds in the next few years.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Selkirk Park	\$ -	\$ 80,000	\$ 80,000	\$ -
St Joseph Playground	\$ -	\$ 80,000	\$ 80,000	\$ -
Howard Armstrong Sport Complex	\$ -	\$ 80,000	\$ 80,000	\$ -
Cote Park	\$ -	\$ 80,000	\$ 80,000	\$ -
East Street Tot	\$ 1,480	\$ 80,000	\$ 78,520	\$ -
Lonsdale Playground	\$ 48,811	\$ 80,000	\$ 31,189	\$ -
Sixth Avenue Playground	\$ 66,425	\$ 93,697	\$ 27,272	\$ -
Pinecrest Tot Lot	\$ 62,707	\$ 80,000	\$ 17,293	\$ -
Penman Park	\$ 70,030	\$ 80,965	\$ 10,935	\$ -
Hillcrest Playground	\$ 69,142	\$ 80,000	\$ 10,858	\$ -
Place Hurtubise Playground	\$ 70,045	\$ 80,000	\$ 9,955	\$ -
Lakeview Playground	\$ 70,529	\$ 80,000	\$ 9,471	\$ -
Project Costs	\$ 48	\$ 1,325,338	\$ 1,325,290	\$ -
Total	\$ 459,217	\$ 2,300,000	\$ 1,840,783	\$ -

Funding	
Annual Contribution to Capital	\$ 150,000
Future Financing	\$ 2,150,000
Total	\$ 2,300,000

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Accelerated Rebuild

Department: Community Development **Section:** Transit Services
Expected Completion Date: March-20

Project Highlights: Opportunity for Transit (with assistance from Fleet Services) to accelerate the mid life rebuild of 25 transit buses to assist with achieving the City's bus replacement plan.

Accomplishments to Date: A total of 23 buses have been completed to date, with the remaining 2 buses to be done by March 31 2020.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Accelerated Rebuild	\$ 1,182,931	\$ 1,350,000	\$ 167,069	\$ -

Funding		
Federal Grant	PTIF	\$ 675,000
Provincial Grant	Gas Tax	\$ 675,000
Total		\$ 1,350,000

Garage Improvements

Department: Community Development **Section:** Transit Services
Expected Completion Date: March-20

Project Highlights: Improve service reliability and minimize rolling stock lifecycle costs by undertaking retrofit and rehabilitation work on the City's only Transit maintenance and storage building.

Accomplishments to Date: All improvements listed have been completed.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Garage Improvements	\$ 3,157,077	\$ 3,537,580	\$ 380,503	\$ -

Funding		
Federal Grant	PTIF	\$ 1,750,000
Provincial Grant	Gas Tax	\$ 1,750,000
Recoveries		\$ 37,580
Total		\$ 3,537,580

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Replacement Buses

Department: Community Development **Section:** Transit Services
Expected Completion Date: Complete

Project Highlights: Purchase of five transit buses in accordance with current specifications.

Accomplishments to Date: Buses have been ordered and received as of December 31, 2018.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Replacement Buses	\$ 2,816,049	\$ 2,828,723	\$ 12,674	\$ 12,674

Funding			
Federal Grant	PTIF	\$	1,414,362
Provincial Grant	Gas Tax	\$	1,414,362
Total		\$	2,828,723

Route Optimization Study

Department: Community Development **Section:** Transit Services
Expected Completion Date: March-20

Project Highlights: Analyze transit service delivery, recommend a new route network and identify infrastructure gaps and opportunities. Consultant portion of the work is approximately \$250,000 with the remaining funds applied to various improvements.

Accomplishments to Date: Consultant work on Transit Action Plan (TAP) completed and approved by Council in 2019. Working on implementation of service delivery improvement recommendations and smart card technology during 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Route Optimization Study	\$ 249,079	\$ 1,075,000	\$ 825,921	\$ -
Contribution to Operating	\$ 57,509	\$ 130,000	\$ 72,491	\$ -
Total	\$ 306,588	\$ 1,205,000	\$ 898,412	\$ -

Funding			
Annual Contribution to Capital		\$	20,000
Federal Grant	PTIF	\$	602,500
Provincial Grant	Gas Tax	\$	582,500
Total		\$	1,205,000

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Terminal Improv - Elm St

Department: Community Development **Section:** Transit Services
Expected Completion Date: Complete

Project Highlights: Improve customer service and the overall customer experience with building upgrades that improve its efficiency (HVAC, paving, flooring, washroom facilities, crime prevention) and also make it a more comfortable environment for riders.

Accomplishments to Date: All improvements listed have been completed.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Terminal Improvements - Elm St	\$ 1,275,728	\$ 1,276,514	\$ 785	\$ 785

Funding				
Annual Contribution to Capital		\$	12,261	
Capital Reserves		\$	39,253	
Federal Grant	PTIF	\$	612,500	
Provincial Grant	Gas Tax	\$	612,500	
Total		\$	1,276,514	

Ladder Truck

Department: Community Safety **Section:** Fire Services
Expected Completion Date: November-19

Project Highlights: Greater Sudbury Fire Services developed an RFP for an aerial ladder truck and went to tender in 2018. The truck build was awarded to E-One. The truck is a 100' platform ladder.

Accomplishments to Date: The tender was issued in June 2018. The tender was opened and awarded on July 5, 2018. Deputy Chief Campbell attended a pre-build meeting with the Chief Mechanical Officer and a representative from Fleet Services at the E-One plant on September 4, 2018. The final design sign off was November 16, 2018. The build is currently underway with a tentative build completion date of October 2019. A final inspection by Fire Services and Fleet Services staff will take place at the plant before delivery.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Ladder Truck	\$ -	\$ 1,526,926	\$ 1,526,926	\$ -

Funding				
Annual Contribution to Capital		\$	462,645	
Internal Financing		\$	1,064,281	
Total		\$	1,526,926	

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Solar Panels

Department: Corporate Services **Section:** Assets
Expected Completion Date: Q3 2019

Project Highlights: In 2015, the Independent Electricity System Operator (IESO) issued incentives to municipalities for provisions of more environmentally friendly power generation solutions. The City installed solar panel systems at two facilities - Pioneer Manor and Countryside Arena.

Accomplishments to Date: Countryside was completed June 2016, but Pioneer Manor had experienced issues due to the insolvency of the Contractor. Work is anticipated to be fully completed at Pioneer Manor by August 2019. However, both sites have been generating electricity since Oct 2016.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Solar Panels	\$ 1,544,568	\$ 2,000,000	\$ 455,432	\$ -

Funding	
Capital Reserves	\$ 2,000,000
Total	\$ 2,000,000

MMMS Replacement

Department: Corporate Services **Section:** Information Technology
Expected Completion Date: Q4 2020

Project Highlights: The new CMMS (Computerized Maintenance Management System) replaced the legacy MMMS system originally implemented in the 1970s. The new system has been implemented to manage work for linear assets in Roads and Water/Wastewater. Crews are using an integrated system to our ERP Financial/HR, CRM and GIS systems to plan and assign work. The first phase of the project has been completed and continued enhancements are being implemented in an on-going basis.

Accomplishments to Date: Road and Water/Wastewater use the system to manage service requests and track activities to costs at a detailed level for staff, equipment and materials. This is integrated with our current customer relationship management (CRM) system to automatically update service requests from citizens. In phase 1, business process re-engineering was undertaken to truly understand the work currently being done, learn from experience staff, and re-work processes to apply current best practices in the industry. Phases 2 and 3 of the projects are being moved to a new IT Program Committee for the system. The budget for the remaining phases has been reduced since the City will be undertaking the remaining work with existing staff and will not require vendor assistance for the bulk of the future enhancements.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
MMMS Replacement	\$ 882,761	\$ 1,382,761	\$ 500,000	\$ -
Contribution to Operating	\$ 219,819	\$ 219,819	\$ -	\$ -
Total	\$ 1,102,580	\$ 1,602,580	\$ 500,000	\$ -

Funding	
Annual Contribution to Capital	\$ 1,572,580
Capital Reserves	\$ 30,000
Total	\$ 1,602,580

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Courtyard Renovation

Department: Corporate Services **Section:** Tom Davies Square
Expected Completion Date: Q2 2019

Project Highlights: Existing courtyard was original to the facility and had minor updates over the years, but several locations also had water leaking to parking garage underneath. We updated the appearance of the courtyard, and upgraded the waterproofing (roof of the underground parking garage).

Accomplishments to Date: Under a phased approach, work is 90% completed. All waterproofing and structural repairs are completed. Work is anticipated to be fully completed in June 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Courtyard Renovation - Larch St	\$ 1,082,776	\$ 1,310,000	\$ 227,224	\$ -
Courtyard Renovation	\$ 8,589,750	\$ 8,988,478	\$ 398,728	\$ -
Total	\$ 9,672,527	\$ 10,298,478	\$ 625,951	\$ -

Funding		
Annual Contribution to Capital		\$ 690,666
Capital Reserves		\$ 8,060,000
Federal Grant	Canada 150	\$ 100,000
Future Financing		\$ 1,447,813
Total		\$ 10,298,478

Generator Replacement

Department: Corporate Services **Section:** Tom Davies Square
Expected Completion Date: February 2019

Project Highlights: TDS Complex had four aging and past life emergency system back up generators throughout the entire complex. This project replaced all four old generators, with one new, more powerful unit that supplies emergency backup power for all three towers, and nearly full backup for all of 190 Brady. Also, installed a redundant connection point at Paris Street.

Accomplishments to Date: All work has been completed and commissioned as of February 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Generator Replacement Equipment	\$ 968,767	\$ 1,065,430	\$ 96,663	\$ -
Generator Replacement Consultant Costs	\$ 45,792	\$ 60,827	\$ 15,035	\$ -
Total	\$ 1,014,559	\$ 1,126,257	\$ 111,698	\$ -

Funding		
Annual Contribution to Capital		\$ 615,035
Capital Reserves		\$ 511,222
Total		\$ 1,126,257

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TDS Elevator Upgrades

Department: Corporate Services **Section:** Tom Davies Square
Expected Completion Date: Q2 2019

Project Highlights: Existing original (circa 1972) elevators were past life and failing. This project involves replacement of the old elevators with new modern equipment. Also, the old security desk has been replaced with an office. Public are now addressed and directed to the Citizen Service Centre across the lobby instead of security.

Accomplishments to Date: New elevator cabs are finished, new security desk nearing completion, new meeting room finished. Overall work expected to be fully completed by early May 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
TDS Elevator Upgrades	\$ 2,079,072	\$ 2,974,069	\$ 894,998	\$ -

Funding	
Annual Contribution to Capital	\$ 490,569
Capital Reserves	\$ 2,483,500
Total	\$ 2,974,069

Junction Creek Bridge Kelly Lk Rd

Department: Growth & Infrastructure **Section:** Bridge Rehabilitation
Expected Completion Date: Complete

Project Highlights: This is a culvert replacement project. Consisting of the removal of the existing steel culvert and replacing with a cast-in-place concrete open footing culvert, associated approaches.

Accomplishments to Date: This project is complete and in the Warranty phase. End of Warranty Q3 2020.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Junction Creek Bridge Kelly Lk Rd	\$ 3,231,823	\$ 3,719,771	\$ 487,948	\$ 487,948

Funding	
Annual Contribution to Capital	\$ 1,919,771
Federal Grant	\$ 1,800,000
Total	\$ 3,719,771

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MR 15 Bridges

Department: Growth & Infrastructure **Section:** Bridge Rehabilitation
Expected Completion Date: Complete

Project Highlights: This is a rehabilitation for bridges #2009 and #3003 and replacement of culvert #3007 on MR15. Scope of work included replacement deteriorated concrete and reinforcing steel on the deck surface and substructure and placing a concrete overlay, concrete and crack repairs on soffit, reface abutments and wingwalls, construction of new concrete barrier walls and approach slabs.

Accomplishments to Date: This project is complete and in the Warranty phase. End of Warranty Q3 2020.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
MR 15 Bridges	\$ 3,216,742	\$ 3,225,520	\$ 8,779	\$ -

Funding	
Annual Contribution to Capital	\$ 1,625,520
Capital Reserves	\$ 1,600,000
Total	\$ 3,225,520

Various Bridge Repairs

Department: Growth & Infrastructure **Section:** Bridge Rehabilitation
Expected Completion Date: 2019-Oct

Project Highlights: Replacement/rehabilitation of various large culverts/bridges. Restoration and final surface asphalt required at some locations. Remaining budget to be rolled forward to the 2019 account for various bridge/culvert repair.

Accomplishments to Date: Locations: Beatrice, Desloges, Jumbo, Kari, Marier, McKenzie, Notre-Dame, Robin, Sunnyside, Walter, Hill, Jarvi

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Various Bridge Repairs	\$ 4,630,186	\$ 5,228,505	\$ 598,319	\$ -

Funding	
Annual Contribution to Capital	\$ 3,062,012
Federal Grant Gas Tax	\$ 2,125,000
Recoveries	\$ 41,493
Total	\$ 5,228,505

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Vermillion Lk Bridge (MR55)

Department: Growth & Infrastructure **Section:** Bridge Rehabilitation
Expected Completion Date: Q4 2020

Project Highlights: This is a rehabilitation project including bridge deck replacement and waterproofing, expansion joints, bearing replacement, soffit and ballast wall repairs, steel girder, abutment and pier shaft rehabilitation. Will also include replacement of existing watermain and heat trace systems, valves and valve chambers.

Accomplishments to Date: All detailed engineering is complete and contract is to be finalized in Q2 2019. Capital scheduling and fabrication suppliers have confirmed that steel delivery will push out the completion date. The bridge will undergo a detailed inspection to determine that it can be deferred until Q1 2020 to allow ample time for fabrication and construction.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Vermillion Lk Bridge (MR55)	\$ 255,827	\$ 4,800,000	\$ 4,544,173	\$ -

Funding			
Annual Contribution to Capital		\$	2,200,000
Federal Grant	Gas Tax	\$	2,600,000
Total		\$	4,800,000

Countryside Stormwater Pond

Department: Growth & Infrastructure **Section:** Drains
Expected Completion Date: July-19

Project Highlights: Project included detailed design and construction of a stormwater dry pond to attenuate major event flows and channel upgrades along the Countryside Arena parking lot.

Accomplishments to Date: Construction has reached substantial completion with minor work required to finalize in the spring.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Project Costs	\$ 2,526,587	\$ 2,677,982	\$ 151,395	\$ -

Funding			
Annual Contribution to Capital		\$	2,569,982
Capital Reserves		\$	108,000
Total		\$	2,677,982

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East Branch Junction Creek

Department: Growth & Infrastructure **Section:** Drains
Expected Completion Date: 2025

Project Highlights: Monies will be used to complete detailed design on the Junction Creek Reconstruction and Nickeldale stormwater management facility. Both of these projects were identified as priority projects in the draft Junction Creek Stormwater Master Plan. We anticipate expenditure of up to \$500,000 on detailed design services in 2019.

Accomplishments to Date: Initiated work on the request for proposal for detailed design services. Construction is planned to be complete by 2025.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
East Branch Junction Creek Consultant Costs	\$ 42,276	\$ 42,276	\$ -	\$ -
East Branch Junction Creek Contract Costs	\$ 4,270	\$ 2,158,724	\$ 2,154,454	\$ -
Total	\$ 46,546	\$ 2,201,000	\$ 2,154,454	\$ -

Funding	
Annual Contribution to Capital	\$ 2,201,000
Total	\$ 2,201,000

Green Ave Storm Conveyance

Department: Growth & Infrastructure **Section:** Drains
Expected Completion Date: 1st quarter 2020

Project Highlights: Green Ave conveyance improvements were identified in the Algonquin Road Environmental Assessment to improve existing conditions and allow development to continue. The work includes channel improvement and box culvert on Green Ave.

Accomplishments to Date: Detailed design is complete and construction tender is expected in summer 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Green Ave Storm Conveyance	\$ 46,512	\$ 2,100,000	\$ 2,053,488	\$ -

Funding	
Annual Contribution to Capital	\$ 1,364,000
Capital Reserves	\$ 736,000
Total	\$ 2,100,000

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Minnow Lake Treatment Station

Department: Growth & Infrastructure **Section:** Drains
Expected Completion Date: July-19

Project Highlights: The Minnow Lake stormwater management facility improves the quality of water reaching Minnow and ultimately Ramsey Lake from a large urban catchment of the Kingsway and Bancroft. This is the largest facility of its kind built to date.

Accomplishments to Date: The facility was operational in spring 2018 with minor outstanding fees to be retained for the warranty period.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Minnow Lake Treatment Station	\$ 3,651,584	\$ 3,656,694	\$ 5,110	\$ -

Funding	
Annual Contribution to Capital	\$ 3,034,266
Capital Reserves	\$ 322,428
Future Financing	\$ 300,000
Total	\$ 3,656,694

Mountain Street Storm Outlet

Department: Growth & Infrastructure **Section:** Drains
Expected Completion Date: 19-Nov

Project Highlights: Mountain Street projects include a overflow channel to address localized flooding and moving the Sunrise Ridge stormwater outfall. Draft recommendations of the Junction Creek Master Plan suggest purchasing properties below the outfall and directing the water to the overflow channel as well as creating a park setting where the homes were.

Accomplishments to Date: The overflow channel is built and operational with detailed design redirecting the Sunrise Ridge outfall complete, plans are now being made for purchase of properties on Mountain Street following the recommendations of the Junction Creek Master Plan.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Property Acquisition	\$ 214,780	\$ 214,780	\$ -	\$ -
Mountain Street Storm Outlet	\$ 1,810,322	\$ 4,041,954	\$ 2,231,632	\$ -
Total	\$ 2,025,102	\$ 4,256,734	\$ 2,231,632	\$ -

Funding	
Annual Contribution to Capital	\$ 1,950,000
Capital Reserves	\$ 1,860,000
Obligatory Reserves	\$ 38,457
Recoveries	\$ 8,277
Future Financing	\$ 400,000
Total	\$ 4,256,734

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Watershed Studies

Department: Growth & Infrastructure **Section:** Drains
Expected Completion Date: 2023

Project Highlights: Complete subwatershed studies of the 17 key subwatersheds as identified in the 2006 Stormwater Background Study to the Official Plan.

Accomplishments to Date: To date we are in receipt of draft Junction Creek, Ramsey Lake and Whitewater Lake final reports and expecting the Whitson River study completion in fall 2019. Four of the 17 identified studies remain to be initiated.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Watershed Studies	\$ 2,049,611	\$ 2,870,700	\$ 821,089	\$ -

Funding			
Capital Reserves		\$	570,700
Provincial Grant	Subwatershed Provincial Fund	\$	2,300,000
Total		\$	2,870,700

Whitson Paquette Drain

Department: Growth & Infrastructure **Section:** Drains
Expected Completion Date: 4th quarter 2020

Project Highlights: The Paquette-Whitson Drain and associated stormwater ponds reduce flood plain in the Dominion Park area and open lands up for development. The project include stormwater ponds that improve the quality of water reaching the environment.

Accomplishments to Date: To date a contract for brush clearing has been awarded with drain construction tender to occur in 2019 Q2.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Whitson Paquette Drain Project Costs	\$ 935,109	\$ 8,580,537	\$ 7,645,428	\$ -

Funding			
Annual Contribution to Capital		\$	4,794,912
Capital Reserves		\$	3,373,385
Obligatory Reserves		\$	121,740
Recoveries		\$	290,500
Total		\$	8,580,537

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Sudbury LS Cell Closure Misc

Department: Growth & Infrastructure **Section:** Environmental Services
Expected Completion Date: Q3, 2019

Project Highlights: Cell closure and miscellaneous site work at the Sudbury Landfill.

Accomplishments to Date: The cell closure portion in the north section has been completed. Contractors have been hired to complete the balance of the miscellaneous site work and staff expects all work to be completed in August 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Sudbury LS Cell Closure Misc	\$ 1,248,216	\$ 1,563,823	\$ 315,608	\$ 20,000

Funding	
Annual Contribution to Capital	\$ 376,375
Capital Reserves	\$ 1,187,448
Total	\$ 1,563,823

BarryDowne Westmount-Kingsway

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2021-Q4

Project Highlights: Infrastructure improvements to widen roadway, add turn lanes, implement active transportation improvements (cycle tracks), new sidewalks, new pavement, and drainage improvements. Property acquisition anticipated to be complete in 2019. Utility relocations to commence following property acquisition, with construction to be phased over two construction seasons.

Accomplishments to Date: Detailed design complete. Property acquisitions 90% complete.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
BarryDowne Westmount-Kingsway	\$ -	\$ 4,572,420	\$ 4,572,420	\$ -

Funding	
Annual Contribution to Capital	\$ 4,572,420
Total	\$ 4,572,420

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Crean Hill Road

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: June. 2019

Project Highlights: Road Reconstruction of Crean Hill Rd from MR4 to Fairbank East and Fairbank East Rd from Crean Hill Rd to Victoria Mine Site.

Accomplishments to Date: All major works have been completed. Remaining works: rumble strips, line painting, granular sealing remain for completion in Q2 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Crean Hill Road	\$ 10,761,236	\$ 11,120,159	\$ 358,924	\$ 70,000

Funding	
Annual Contribution to Capital	\$ 1,650,000
Capital Reserves	\$ 1,250,000
Recoveries	\$ 8,220,159
Total	\$ 11,120,159

Dominion Drive

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2019-Nov

Project Highlights: Infrastructure improvements to rehabilitate pavement, add 3.0 m wide multi-use trail on the north side, paved shoulders, crosswalk improvements, and drainage improvements.

Accomplishments to Date: Detailed design complete. To be tendered in April 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Dominion Drive	\$ 58	\$ 3,357,564	\$ 3,357,507	\$ -

Funding	
Annual Contribution to Capital	\$ 717,146
Provincial Grant	\$ 2,640,418
Total	\$ 3,357,564

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Kingsway Land Acquisition

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2025

Project Highlights: Property acquisition to accommodate the ultimate straightening and widening of the Kingsway near the "s-curve". As directed by Council, properties identified to be in conflict with the future design are acquired by the City as they go for sale on the open market. This is a long term Council priority.

Accomplishments to Date: Majority of properties have been acquired, with more to be acquired every year.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Kingsway Land Acquisition	\$ 2,880,326	\$ 3,063,014	\$ 182,687	\$ -

Funding	
Capital Reserves	\$ 3,063,014
Total	\$ 3,063,014

Lorne St / MR55 - Design

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2022

Project Highlights: Infrastructure improvements between Power St and Elm St, including; review of all underground infrastructure, pavement rehabilitation, traffic improvements, active transportation improvements, and drainage improvements. City is seeking 2/3 additional federal and provincial grant funding prior to tendering any phase of construction for the project.

Accomplishments to Date: Detailed Design is 40% complete. Shovel-ready tender documents to be finalized in 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lorne St / MR55 - Design	\$ -	\$ 9,587,059	\$ 9,587,059	\$ -

Funding	
Annual Contribution to Capital	\$ 557,021
Capital Reserves	\$ 1,300,000
Debt	\$ 7,730,038
Total	\$ 9,587,059

Appendix B - Large Capital Projects Status Update

Lorne Street

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2019-August

Project Highlights: Infrastructure improvements between Martindale Road to Logan Avenue, including; pavement rehabilitation, active transportation improvements, underground infrastructure improvements, drainage improvements, traffic improvements, replacement of existing curbs and sidewalk, upgrading of three signalized intersections, additional turning lanes at Martindale intersection, and upgrading the streetlights.

Accomplishments to Date: Over 95% of the construction has been completed. Railway infrastructure and utility relocations are anticipated in Spring 2019 with final road work and landscaping work near Martindale to be complete in Summer 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lorne Street	\$ 4,892,892	\$ 5,509,683	\$ 616,791	\$ -

Funding		
Annual Contribution to Capital		\$ 607,108
Federal Grant	Gas Tax	\$ 4,892,892
Recoveries		\$ 9,683
Total		\$ 5,509,683

Maley Drive

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2020-Q3

Project Highlights: New four lane road between College Boreal and Barry Downe and reconstructing the existing two lane road between Barry Downe Road and Falconbridge Highway, complete with interchanges at Notre Dame, and Lasalle, and roundabouts at Barry Downe and College Boreal

Accomplishments to Date: Construction is approximately 65% complete, with the interchange complete at Notre Dame. All contracts have been tendered and awarded. As approved by Council, a scope change request has been applied for to extend the four lanes to Lansing Avenue with a roundabout.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Maley Drive Pre-Engineering	\$ 5,989,135	\$ 8,334,697	\$ 2,345,562	\$ -
Maley Drive Project Costs	\$ 47,498,383	\$ 77,851,249	\$ 30,352,866	\$ -
Total	\$ 53,487,518	\$ 86,185,946	\$ 32,698,428	\$ -

Funding		
Annual Contribution to Capital		\$ 20,092,879
Capital Reserves		\$ 4,270,643
Obligatory Reserves		\$ 815,547
Federal Grant	New Building Canada Fund	\$ 26,700,000
Provincial Grant	New Building Canada Fund	\$ 26,700,000
Future Financing		\$ 7,606,877
Total		\$ 86,185,946

Appendix B - Large Capital Projects Status Update

MR 35

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2021-Q4

Project Highlights: Road widening with the addition of multiple lanes and active transportation between Azilda and Chelmsford. Construction to be phased over three years 2018-2020.

Accomplishments to Date: Phase I of construction (culvert replacements) was completed in 2018. Phase II of construction (road widening) will be complete in 2019-2020. Tendering for Phase II to occur in the Spring of 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
MR 35	\$ 1,201,621	\$ 38,689,447	\$ 37,487,826	\$ -

Funding		
Annual Contribution to Capital		\$ 5,527,499
Federal Grant	Gas Tax	\$ 2,307,747
Debt		\$ 30,854,201
Total		\$ 38,689,447

MR15 Belisle to Martin

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2019-August

Project Highlights: Pavement rehabilitation and drainage improvements.

Accomplishments to Date: Majority of construction is complete. Final restoration, ditching, and deficiency repairs to occur in the summer of 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
MR15 Belisle to Martin	\$ 2,431,504	\$ 4,350,000	\$ 1,918,496	\$ 1,100,000

Funding		
Annual Contribution to Capital		\$ 2,660,832
Federal Grant	Gas Tax	\$ 1,689,168
Total		\$ 4,350,000

Appendix B - Large Capital Projects Status Update

Public Works Depot Remediation

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: 2025

Project Highlights: The Public Works Depot Master Plan was presented to Council in 2018, and proposes work at the Frobisher, St. Clair, Suez, Black Lake and Whitefish Depots.

Accomplishments to Date: An RFP will be issued and awarded in 2019 to start the design work for the Public Works Depots including the salt and sand storage buildings.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Public Works Depot Remediation	\$ -	\$ 5,004,584	\$ 5,004,584	\$ -

Funding	
Annual Contribution to Capital	\$ 3,934,019
Capital Reserves	\$ 1,070,565
Total	\$ 5,004,584

Second Avenue (Sudbury)

Department: Growth & Infrastructure **Section:** Roads
Expected Completion Date: Complete

Project Highlights: Improvements to Second Avenue included the widening and reconstruction of the road from Donna Drive to First Avenue, bike path and sidewalks, watermain improvements and reconstruction of the roadway on Margaret Street.

Accomplishments to Date: Complete

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Second Avenue (Sudbury)	\$ 6,193,305	\$ 6,417,987	\$ 224,681	\$ 224,681

Funding	
Annual Contribution to Capital	\$ 6,265,000
Obligatory Reserves	\$ 152,987
Total	\$ 6,417,987

Appendix B - Large Capital Projects Status Update

Silver Hills Phase 2

Department: Growth & Infrastructure

Section: Roads

Expected Completion Date: UNKNOWN

Project Highlights: These funds were allocated for a future cost sharing agreement. Coordination with the developer is ongoing. The Silver Hills cost sharing application was approved by Council in December of 2016. Completion date schedule is currently unknown.

Accomplishments to Date: The construction drawings are nearing completion for the developer's works, the city's Project Management group has assigned a project manager to oversee the intersection/roundabout at the south end through to completion.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Silver Hills Phase 2	\$ -	\$ 6,658,351	\$ 6,658,351	\$ -

Funding	
Capital Reserves	\$ 701,220
Obligatory Reserves	\$ 3,329,176
Future Financing	\$ 913,661
Recoveries	\$ 1,714,294
Total	\$ 6,658,351

Skead Rd.

Department: Growth & Infrastructure

Section: Roads

Expected Completion Date: Complete

Project Highlights: Rehabilitation of 3.1km of Skead Road from Falconbridge Highway to Old Skead Road (north intersection). Rehabilitation work included pulverizing of existing road structure, buildup with Granular A complete with new asphalt courses, new culverts, drainage improvements including new culverts, new storm sewer, addition of paved shoulders and improving rock face clear zones.

Accomplishments to Date: Complete

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Skead Rd.	\$ 3,017,136	\$ 3,243,646	\$ 226,510	\$ 226,510

Funding	
Annual Contribution to Capital	\$ 961,900
Obligatory Reserves	\$ 2,264,040
Recoveries	\$ 17,706
Total	\$ 3,243,646

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Gatchell Outfall Sewer

Department: Wastewater **Section:** Wastewater Linear
Expected Completion Date: December-21

Project Highlights: The purpose of the Gatchell Outfall Sewer project is to replace a section of the trunk sewer that is at high risk of failure with a section of sewermain and a section of sanitary rock tunnel. The existing trunk sewer will be abandoned, mitigating the risk of future pipeline failures into Junction Creek.

Accomplishments to Date: Schedule B Municipal Class EA complete. Detailed design underway, including geotechnical investigation. Design to be complete by end of 2019 and Construction to occur in 2020-2021.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Environmental Assessment	\$ 168,658	\$ 168,658	\$ -	\$ -
Geotech Analysis	\$ 445,003	\$ 445,003	\$ -	\$ -
Construction Costs	\$ 261,181	\$ 6,000,000	\$ 5,738,819	\$ -
Project Design	\$ 904,213	\$ 2,357,923	\$ 1,453,710	\$ -
Total	\$ 1,779,055	\$ 8,971,584	\$ 7,192,529	\$ -

Funding	
Annual Contribution to Capital	\$ 5,621,584
Internal Financing	\$ 3,350,000
Total	\$ 8,971,584

Lively Sewer System Upgrades

Department: Wastewater **Section:** Wastewater Linear
Expected Completion Date: December-22

Project Highlights: The Lively Sewer Upgrades project will upsize sanitary sewers to facilitate the eventual decommissioning of the Lively Wastewater Treatment Plant (WWTP) and convey wastewater flows to the Walden WWTP, as recommended by the Lively / Walden Wastewater Class Environmental Assessment Study. Watermain upgrades and road restoration will be completed with the sewer upgrade project where required.

Accomplishments to Date: The detailed design for the Lively Sewer Upgrades project has commenced. The construction of Phase 1 (ENG 17-10) on Jacob Street was completed in 2018. The detailed design for Phase 2 is anticipated to be complete by Dec 31, 2019, with construction in 2020-2022.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lively Sewer System Upgrades	\$ 2,737,418	\$ 3,702,800	\$ 965,382	\$ -

Funding	
Annual Contribution to Capital	\$ 1,917,800
Future Financing	\$ 1,785,000
Total	\$ 3,702,800

Appendix B - Large Capital Projects Status Update

Charles Street Lift Station Upgrades

Department: Wastewater **Section:** Wastewater Plants
Expected Completion Date: 2021

Project Highlights: Replace the existing lift station because of the structural condition with a new one within the existing site. In addition, build a new forcemain to connect to rock tunnel. Project involves also moving existing museum buildings to O'Connor Park to allow for construction.

Accomplishments to Date: Project is under detail design for the lift station, forcemain and new receiving structures at O'Conner Park to receive museum buildings.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Environmental Assessment	\$ 127,207	\$ 127,207	\$ -	
Lift Station Upgrades	\$ 762,532	\$ 8,959,639	\$ 8,197,107	\$ -
Project Design	\$ 329,861	\$ 975,000	\$ 645,139	\$ -
Contribution to Operating	\$ 8,916	\$ 8,916	\$ 8,916	\$ -
Total	\$ 1,228,516	\$ 10,070,762	\$ 8,851,162	\$ -

Funding	
Annual Contribution to Capital	\$ 4,070,762
Future Financing	\$ 6,000,000
Total	\$ 10,070,762

Copper Cliff WW System

Department: Wastewater **Section:** Wastewater Plants
Expected Completion Date: 2019

Project Highlights: Project consist of upgrading Nickel Lift station with construction of the forcemain from Copper Cliff to SSWTP.

Accomplishments to Date: Nickel LS project substantially complete. Minor seasonal deficiencies to be completed this 2019 summer. Forcemain project is also substantially complete. There is some remaining road work on Kelly Lake road for storm, sidewalks and traffic control. All remaining work to be completed by 4th quarter of 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Copper Cliff WW System	\$ 8,570,458	\$ 10,000,000	\$ 1,429,542	\$ -

Funding	
Annual Contribution to Capital	\$ 4,652,351
Future Financing	\$ 5,347,649
Total	\$ 10,000,000

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Sudbury WWTP Phase 2

Department: Wastewater **Section:** Wastewater Plants
Expected Completion Date: Complete

Project Highlights: The project consisted of upgrading the Sudbury Wastewater Treatment Plant headhouse to improve pre-treatment performance. Install odour (control) management system using PI units, upgrades to the effluent pumping station and plan for future plant expansion.

Accomplishments to Date: Head house upgrades completed. Odour (control) management system completed. Effluent pumping station completed.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Equipment Upgrades	\$ 759,659	\$ 759,659	\$ -	\$ -
Headhouse Upgrades Contract	\$ 11,466,486	\$ 11,466,486	\$ -	\$ -
Odour Control Contract	\$ 1,337,461	\$ 1,337,461	\$ -	\$ -
Odour Control Consultant	\$ 17,111	\$ 88,894	\$ 71,783	\$ -
Headhouse Upgrades Consultant	\$ 1,730,027	\$ 1,798,263	\$ 68,236	\$ -
Effluent System	\$ 444,115	\$ 451,209	\$ 7,094	\$ -
Ultimate Plant Expansion	\$ 70,195	\$ 75,150	\$ 4,955	\$ -
Odour Control Equipment	\$ 816,831	\$ 817,974	\$ 1,143	\$ -
Total	\$ 16,641,885	\$ 16,795,096	\$ 153,210	\$ -

Funding	
Annual Contribution to Capital	\$ 9,350,412
Capital Reserves	\$ 7,247,437
Recovered from Others	\$ 197,246
Total	\$ 16,795,096

Sudbury WWTP Phase 3

Department: Wastewater **Section:** Wastewater Plants
Expected Completion Date: 2020

Project Highlights: Project consists of installing new electrical sub-station to allow the SWWTP to disconnect from the power grid in order to save on energy costs. Project also includes installation of new turbo blower as well as electrical and control upgrades.

Accomplishments to Date: A technology feasibility study is complete, project moving to design phase. Expected completion date by end of 2020. Purchase order has been issued for the supply of the turbo blower. Project is under procurement phase for the installation and electrical upgrades.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Misc Plant Repairs	\$ 124,949	\$ 124,949	\$ -	\$ -
Standby Power/Parking Lot	\$ 50,164	\$ 5,750,000	\$ 5,699,836	\$ -
Blower Upgrades	\$ 13,804	\$ 540,126	\$ 526,322	\$ -
Parking Lot Upgrades	\$ -	\$ 70,000	\$ 70,000	\$ -
Total	\$ 188,917	\$ 6,485,075	\$ 6,296,158	\$ -

Funding	
Annual Contribution to Capital	\$ 4,112,332
Capital Reserves	\$ 422,743
Future Financing	\$ 1,950,000
Total	\$ 6,485,075

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Valley East WWTP

Department: Wastewater **Section:** Wastewater Plants
Expected Completion Date: Summer 2019 for phase 1 and 2020 for phase 2

Project Highlights: Capital need study is complete with recommendations for plant upgrades. Phase 1 of the upgrades is underway. Contractor onsite to complete the work. Phase 2 for aeration system, electrical upgrades and effluent treatment to start in June 2019.

Accomplishments to Date: Phase 1 is under construction. Expected completion date by summer 2019. Phase 2 to start June 2019.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Dechlorination - Contract Costs	\$ 271,948	\$ 2,046,003	\$ 1,774,054	\$ -
Upgrade Insp	\$ 67,860	\$ 900,000	\$ 832,140	\$ -
Valley East WWTP - Upgrades	\$ 151,763	\$ 450,000	\$ 298,237	\$ -
Concrete Rehab	\$ 37,906	\$ 200,000	\$ 162,094	\$ -
Capital Needs Study	\$ 130,353	\$ 197,744	\$ 67,391	\$ -
Dechlorination - Consultant Costs	\$ 267,689	\$ 267,689	\$ -	\$ -
Process/Eqpt Upgrades	\$ 154,291	\$ 154,291	\$ -	\$ -
Total	\$ 1,081,810	\$ 4,215,726	\$ 3,133,916	\$ -

Funding	
Annual Contribution to Capital	\$ 3,315,526
Capital Reserves	\$ 900,000
Provincial Grant	\$ 200
Total	\$ 4,215,726

Walden WWTP

Department: Wastewater **Section:** Wastewater Plants
Expected Completion Date: 2020

Project Highlights: Project consists of expanding Walden Plant to meet the required capacity to treat effluent flows as recommended by Environmental Assessment (EA) and Master Plan. The plant will be treating all flows coming from Lively and Walden.

Accomplishments to Date: Project is in progress. Consultant is assessing sanitary flows based on most recent flow data in order to determine the appropriate size of the treatment operation units in order to proceed with detail design.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Process/Eqpt Upgrades - Consultant Costs	\$ 12,473	\$ 3,750,000	\$ 3,737,527	\$ -
Walden WWTP - Upgrades	\$ 3,800	\$ 946,485	\$ 942,685	\$ -
Clarifier Repairs - Consultant Costs	\$ 99,510	\$ 99,510	\$ -	\$ -
Process/Eqpt Upgrades - Contract Costs	\$ 57,592	\$ 57,592	\$ -	\$ -
Clarifier Repairs - Contract Costs	\$ 1,143,199	\$ 1,143,199	\$ -	\$ -
Total	\$ 1,316,574	\$ 5,996,786	\$ 4,680,211	\$ -

Funding	
Annual Contribution to Capital	\$ 5,996,786
Total	\$ 5,996,786

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AMR Water Meters

Department: Water **Section:** Water Linear
Expected Completion Date: March-22

Project Highlights: The purpose of this project is to take the next steps required to implement a City-wide Advanced Metering Infrastructure (AMI) system including the installation of City provided water meters, and supply and installation of radio frequency transmitters on all residential and commercial accounts for the City of Greater Sudbury, and to improve water meter accuracy, reduce inefficiencies related to the process of reading water meters and enhance service to the City's customer across the water system.

Accomplishments to Date: Procurements - execution phase are underway for the following and are 80% complete:

- ISD16-14 Contact ISD16-14, RFP Automated Meter Reading / Advanced Metering Infrastructure /Advanced Metering Analytics (AMR/AMI/AMA) Feasibility Study
- ISD18-209 Fairness monitor Consultant
- ISD19-18 - Water Meter RFP
- ISD19-2 - AMI Technology, Installation and Deployment

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
AMR Water Meters	\$ 119	\$ 3,501,111	\$ 3,500,992	\$ -
AMR Water Meters	\$ 96,522	\$ 500,000	\$ 403,478	\$ -
Total	\$ 96,641	\$ 4,001,111	\$ 3,904,471	\$ -

Funding	
Annual Contribution to Capital	\$ 1,000,000
Capital Reserves	\$ 3,001,111
Total	\$ 4,001,111

CWWWF - 1st Ave-Balsam-Allan-Coniston

Department: Water **Section:** Water Linear
Expected Completion Date: Complete

Project Highlights: Upgrade to the main water line in Coniston funded 75% by Federal and Provincial grants through the Clean Water Wastewater Fund.

Accomplishments to Date: The removal of the existing pipe of approximately 1,000 metres replaced with 300 mm PVC pipe. The installation replaced the deteriorating and undersized main water line to improve water volumes and pressure for fire flow.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
1st Ave-Balsam-Allan-Coniston	\$ 3,363,032	\$ 3,493,615	\$ 130,583	\$ -

Funding	
Annual Contribution to Capital	\$ 895,400
Federal Grant	CWWWF \$ 866,072
Provincial Grant	CWWWF \$ 1,732,144
Total	\$ 3,493,615

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CWWWF - Spruce St-Regent to Travers St

Department: Water **Section:** Water Linear
Expected Completion Date: Complete

Project Highlights: Upgrade to the main water line on Spruce Street funded 75% by Federal and Provincial grants through the Clean Water Wastewater Fund.

Accomplishments to Date: The removal of the existing pipe of approximately 1,000 metres replaced with 300 mm PVC pipe. The installation replaced the deteriorating and undersized main water line to improve water volumes and pressures for fire flow.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Spruce St-Regent to Travers St	\$ 4,048,254	\$ 4,049,628	\$ 1,374	\$ -

Funding		
Annual Contribution to Capital		\$ 1,098,118
Federal Grant	CWWWF	\$ 983,837
Provincial Grant	CWWWF	\$ 1,967,673
Total		\$ 4,049,628

Wanapitei WTP Phase 3

Department: Water **Section:** Water Plants
Expected Completion Date: 2020

Project Highlights: Project involves transformer upgrades for both the treatment plant and the intake. Project coordinated with Hydro One and covering the cost of the work including the equipment. Other stand alone projects involve upgrades to water treatment operation units and related controls and equipment upgrades. The entrance modification is an MTO project for which the City is contributing and collaborating with.

Accomplishments to Date: Transformer project is underway. Contractor selected and construction work started. Consultant selected for other work related to water treatment operation units and are in procurement phase.

As at December 31, 2018	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Reactivator Upgrades	\$ 149,336	\$ 1,700,000	\$ 1,550,664	\$ -
Entrance Modification	\$ -	\$ 715,000	\$ 715,000	\$ -
Filter Blower Replacement	\$ 16,602	\$ 490,000	\$ 473,398	\$ -
Intake Pump Replacement	\$ -	\$ 350,000	\$ 350,000	\$ -
Filter Replacement	\$ 17,461	\$ 250,000	\$ 232,539	\$ -
Transformer Upgrades	\$ 99,655	\$ 300,000	\$ 200,345	\$ -
Leak Detection Annual Program	\$ -	\$ 200,000	\$ 200,000	\$ -
Miscellaneous Plant Repairs	\$ 69,298	\$ 226,392	\$ 157,094	\$ -
Annual Corrosion Protection	\$ -	\$ 150,000	\$ 150,000	\$ -
Plant Repairs & Equipment Replacement	\$ 76,258	\$ 76,258	\$ -	\$ -
Total	\$ 428,610	\$ 4,457,650	\$ 4,029,040	\$ -

Funding		
Annual Contribution to Capital		\$ 3,942,650
Capital Reserves		\$ 215,000
Recovered from Others		\$ 300,000
Total		\$ 4,457,650