

## For Information Only

### Annual Capital Status Update Report - 2018

Presented To: Finance and  
Administration  
Committee

Presented: Tuesday, Apr 16, 2019

Report Date Wednesday, Apr 03,  
2019

Type: Managers' Reports

#### Resolution

That the Reserve and Reserve Fund By-Law be updated to reflect the direction provided by the Capital Budget Policy approved January 15, 2019 and as outlined in this report.

#### Relationship to the Strategic Plan / Health Impact Assessment

This report refers to operational matters.

#### Report Summary

This report provides the status of outstanding capital projects as of December 31, 2018.

#### Financial Implications

This report has no financial implications.

#### Signed By

**Report Prepared By**

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**Manager Review**

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**Recommended by the C.A.O.**

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## Background

Governments at all levels own, lease or control an array of assets in order to deliver services to citizens. The amounts and timing of capital investments are among the most important decisions a governing body will make. A policy for informing decisions about capital spending decisions increase the assurance they reflect transparent, consistent steps that reflect community priorities, financial plans and reliable performance data.

As investments are being made, information about the progress of capital projects is also desirable so that adjustments or changes to planned activities can be made in a timely fashion.

## Analysis

In January 2019, Council approved a new Capital Budget Policy which aligned capital budgeting practices with the principles described in the Asset Management Strategy and the long-term perspective anticipated by the Long Term Financial Plan. The Policy provides City Council with more, and more direct, control over capital project selection and increases transparency and accountability for results.

The new policy enhances information about project spending and the attached report is a result of the approval of the new policy.

The Capital Budget Policy states:









*The CFO will provide the Finance and Administration Committee or Council with a Capital Status Updates Report annually. This report is projected to be completed prior to the end of March and provided to the Committee in April. This report will include the following:*

- 1. Detail all outstanding capital projects and a brief comment on status (when completion is anticipated, expected final surplus/deficit, etc.).*
- 2. For larger projects (over \$3.0 Million for Roads, Water and Wastewater and over \$1.0 Million for all other Departments), a complete commentary is required that will detail project highlights, accomplishments, expected timeline to completion, funding sources, etc.*
- 3. Provide a summary of all projects completed from the prior Capital Status Update Report, including information on surpluses and deficits.*
- 4. Update the balances remaining in the Holding Account and the transactions since the last report.*

As this is the inaugural annual Capital Status Update Report, item 3, the summary of all projects completed from the prior Capital Status Update Report will not be included in this report. The Completed Capital Projects Report for December 2018 will be included

with the other year-end reports and presented in June 2019. There will also not be an update on the balances remaining in the Holding Account and the transactions since the last report, since there was no last report.

## Summary as of December 31, 2018

Department 	Project Actuals	Project Budget	Remaining Budget	Projected Surplus/Deficit
 <b>CAO's Office</b>	<b>1,376,838</b>	<b>1,876,838</b>	<b>500,000</b>	-
Economic Development	1,376,838	1,876,838	500,000	-
 <b>Community Development</b>	<b>17,582,096</b>	<b>125,675,051</b>	<b>108,092,955</b>	<b>401,822</b>
CD Facilities	1,621,937	3,651,087	2,029,150	5,555
Cemetery	81,245	408,569	327,325	-
Event Center	1,538,024	99,574,140	98,036,116	-
HCI	258,658	1,252,251	993,593	-
Leisure Services	3,566,141	7,281,719	3,715,578	165,276
Library	300,790	767,345	466,556	14,592
Pioneer Manor	428,179	595,276	167,097	1,585
Social Services	-	410,000	410,000	200,000
The Junction	451,016	655,000	203,984	-
Transit Services	9,336,107	11,079,662	1,743,555	14,814
 <b>Community Safety</b>	<b>1,571,095</b>	<b>6,170,855</b>	<b>4,599,760</b>	<b>40,613</b>
Fire Services	540,316	4,370,045	3,829,729	-
Paramedic Services	1,030,779	1,800,810	770,031	40,613
 <b>Corporate Services</b>	<b>20,026,268</b>	<b>29,443,073</b>	<b>9,416,805</b>	<b>289,655</b>
199 Larch	736,692	1,929,467	1,192,774	184,963
Administration	318,173	1,230,613	912,440	100,000
Assets	1,941,411	3,581,619	1,640,208	4,274
Fleet Services	1,095,019	1,572,867	477,849	418
Information Technology	2,122,526	4,265,924	2,143,398	-
Parking	51,624	311,076	259,452	-
Tom Davies Square	13,760,823	16,551,508	2,790,684	-
 <b>Growth &amp; Infrastructure</b>	<b>166,149,966</b>	<b>323,600,081</b>	<b>157,450,116</b>	<b>3,801,771</b>
Bridge Rehabilitation	25,160,449	38,616,984	13,456,535	512,948
Drains	11,252,785	26,969,095	15,716,311	-
Environmental Services	3,295,181	4,914,936	1,619,754	(174,376)
Planning	592,411	1,246,116	653,705	111,269
Roads	125,849,140	251,852,950	126,003,810	3,351,930
 <b>Wastewater</b>	<b>54,253,825</b>	<b>107,361,041</b>	<b>53,107,216</b>	<b>229,588</b>
Wastewater Linear	14,834,443	32,302,761	17,468,317	125,153
Wastewater Plants	39,419,382	75,058,281	35,638,899	104,435
 <b>Water</b>	<b>24,830,650</b>	<b>66,833,378</b>	<b>42,002,728</b>	<b>1,055,671</b>
Water Linear	18,667,037	43,402,095	24,735,058	827,162
Water Plants	6,163,613	23,431,283	17,267,670	228,510
<b>Grand Total</b>	<b>285,790,738</b>	<b>660,960,317</b>	<b>375,169,579</b>	<b>5,819,121</b>

Please note the report shows total budget, total remaining budget and projected/surplus deficit based on all funding sources including grants, contributions and debt financing.

The summary report provides a high level view of the projects by Department.

**The CAO's Office** has one project in progress

- the Farmer's Market with a budget remaining of \$500,000

**Community Development** - \$108 million in remaining budget including larger projects:

- The Event Centre - \$98 million
- Playground Revitalization - \$1.8 million
- Transit Projects –\$1.7 million
- Work continues on facilities totaling \$2.0 million

**Community Safety** has \$4.6 million in remaining budget with a focus on:

- Vehicle replacement totaling \$2.9 million
- Safety and prevention equipment total \$1.3 million

**Corporate Service** has \$9.4 million in remaining budget including:

- Building related projects - \$5.6 million including \$1.5 million for the elevator and courtyard projects
- Information Technology \$2.1 million to support ongoing initiatives

**Growth and Infrastructure** has \$157 million in remaining budget including:

- Major bridge rehabilitation initiatives - \$13.5 million
- Stormwater management improvements - \$15.7 million
- Road network investments - \$126 million – over 100 projects including \$37.5 million for MR 35, \$30.3 million for the completion of the Maley Drive project and \$3.0 million in cycling infrastructure

**Water/Wastewater** has \$95 million of remaining budget including:

- Linear work totals \$52 million
- Lift station projects of \$14.8 million
- Wastewater treatment plant work of \$16.0 million
- Projects at the two water treatment plants total \$4.3 million

The projected surplus amount presented is based on the best information as of the time of this report. The ultimate realization of the surplus may differ. Any surpluses may be available to return to reserves and will be subject to the reserve financing strategy which is in development.

## **Project Details**

This report includes the following:

1. Capital Projects Status Update (Appendix A) which detail all outstanding capital projects and a brief comment on status (when completion is anticipated, expected final surplus/deficit, etc.).

2. Large Capital Projects Status Update (Appendix B) for larger projects (over \$3.0 million for Roads, Water and Wastewater and over \$1.0 million for all other Departments), a complete commentary is presented that details project highlights, accomplishments, expected timeline to completion, funding sources, etc. The format used follows the presentation for capital projects in the 2019 Budget Document.

The budget amount shown on this report will be used in all future reports to Council to determine surplus or deficit. The project budget amounts will not change unless funded from the respective Holding Account or reserve fund. Due to the approval of the new Capital Budget Policy staff will no longer have the ability to transfer funds between projects.

## **Reserves**

The new Capital Budget Policy included the creation of Holding Accounts as reserves that are to be funded by surpluses on capital projects and will be used to fund over-expenditures on other capital projects, subject to limits. With the creation of these new reserves, the initial funding of these reserves at their target balances will be as follows:

- Capital General Holding Account Reserve of \$4 million from the Capital Financing Reserve Fund – General
- Water Rate Holding Account Reserve of \$1.5 million from the Capital Financing Reserve Fund – Water
- Wastewater Rate Holding Account Reserve of \$1.5 million from the Capital Financing Reserve Fund – Wastewater

With the elimination of the capital envelopes system, many of the existing Capital Financing Reserve Funds will be consolidated into the Capital Financing Reserve Fund – General as when they were created they had a separate capital envelope and any project surplus was transferred to these reserve funds for funding sources for future capital projects. The consolidation of these reserve funds is required to align with the revised Capital Budget Policy including the funding of the three Holding Account Reserves noted above. The Reserve and Reserve Fund By-Law will be revised to create these three Holding Account Reserves including funding to its target balances, as well as consolidation of several Capital Financing Reserve Funds as listed below.

Specifically, the reserves and reserve funds that will be consolidated into the Capital Financing Reserve Fund (CFRF) – General are:

- CFRF – Information Technology
- CFRF – Transit
- CFRF – Environmental Services
- CFRF – CLELC (Lionel E Lalonde Centre)
- CFRF – Peoplesoft/ERP
- CFRF – Planning

- CFRF – Corporate Infrastructure
- CFRF – Buildings
- CFRF – Emergency Management
- CFRF – Roads
- CFRF – Health and Social Services
- CFRF – Fire Services
- CFRF – Leisure Services
- CFRF – Administration
- CFRF – Recycling Equipment

The consolidation does not include the following: Water, Wastewater, HCI Fund, City Fleet, Parking, Parks Equipment, Paramedic Services and Police. These exceptions will retain their existing reserve funds as the nature of their operations/purchases are self-funding with no funding from the annual property tax levy.

## **Conclusion**

This report summarizes the status of capital projects as of December 31, 2018 and provides the increased transparency and accountability offered in the new Capital Budget Policy.

## **Relevant Links for Further Information:**

1. City Council meeting of January 15, 2019

Staff report: Capital Budget Policy

<http://agendasonline.greatersudbury.ca/index.cfm?pg=agenda&action=navigator&id=1303&itemid=15907&lang=en>

# Appendix A - Capital Projects Status Update as at December 31, 2018

**Purpose:** Listing of active capital projects with a remaining budget that is unspent as of December 31, 2018. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2019 and future year.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
CAO's Office	Economic Development	Farmer's Market - Building	871,855	1,371,855	500,000	-	Q4 2019	See Detailed Report
CAO's Office	Economic Development	Farmer's Market - Environmental Assessment	63,094	63,094	-	-	Q4 2019	See Detailed Report
CAO's Office	Economic Development	Farmer's Market - Property Acquisition	441,889	441,889	-	-	Q4 2019	See Detailed Report
		<b>CAO's Office Total</b>	<b>1,376,838</b>	<b>1,876,838</b>	<b>500,000</b>	<b>-</b>		
Community Development	CD Facilities	Accessibility	13,780	94,233	80,453	-	2019-2020	Various Leisure Facilities for Accessibility for Ontarians with Disabilities Act (AODA) compliance.
Community Development	CD Facilities	Arena Exhaust Systems	13,859	60,000	46,141	-	August 2020	Work in progress.
Community Development	CD Facilities	Arena Upgrades	98,762	116,122	17,360	-	August 2020	Work In progress.
Community Development	CD Facilities	Arenas-Mech. & Inter. Upgrades	71,240	94,742	23,503	-	August 2020	Work in progress. Mechanical upgrade for various Arenas.
Community Development	CD Facilities	Barrydowne Arena	3,600	40,000	36,400	-	December 2019	Planning phase. Funded from revenues received from rental of building for various building work.
Community Development	CD Facilities	Bell Park Boardwalk	173,733	227,461	53,728	-	December 2019	Renewal and maintenance of boardwalk including replacement of site amenities.
Community Development	CD Facilities	Building Condition Assessments	46,790	103,074	56,284	-	December 2019	Remaining funds will be used to complete building condition assessment (BCA) for various Leisure facilities.
Community Development	CD Facilities	Chelmsford Arena - Drainage	9,850	149,532	139,682	-	December 2019	Work in progress.
Community Development	CD Facilities	CSC-Interior&Privacy Retrofits	-	25,000	25,000	-	December 2019	Work in progress.
Community Development	CD Facilities	Energy Retrofits	-	115,059	115,059	-	2019-2020	Planning phase -Various Leisure Facilities.
Community Development	CD Facilities	Energy Retrofits	77,905	79,242	1,337	1,337	Completed	This project has no outstanding purchase orders and there are no costs expected after Dec 31/18. Surplus to be moved to Holding Account in Q2 2019.
Community Development	CD Facilities	Facility Shower Upgrades	-	50,000	50,000	-	December 2019	Planning phase - project start in summer 2019.
Community Development	CD Facilities	HARC Roof	5,640	20,840	15,200	-	September 2019	Work in progress. This project has outstanding purchase orders and the remaining budget is to fund the purchase orders.
Community Development	CD Facilities	Health and Safety - Retrofits	70,020	91,578	21,558	-	December 2019	Work in progress. Various Leisure facilities.
Community Development	CD Facilities	Health and Safety - Retrofits	59,575	69,982	10,408	-	December 2019	Work in progress. This project has outstanding purchase orders and the remaining budget is to fund the purchase orders.
Community Development	CD Facilities	Kathleen Depot Re-roofing	141,334	144,094	2,760	-	September 2019	Work in progress. This project has outstanding purchase orders and the remaining budget is to fund the purchase orders.
Community Development	CD Facilities	Leisure Facility Septic System	14,976	40,000	25,024	-	December 2019	Procurement in process - Will be tendered in spring 2019.
Community Development	CD Facilities	Lively Citizen Service Centre	13,859	457,991	444,133	-	December 2019	Procurement in process - Will be tendered in spring 2019.
Community Development	CD Facilities	Onaping Community Windows	7,626	75,000	67,374	-	December 2019	Work in progress. This project has outstanding invoice and the remaining budget is to fund that invoice.
Community Development	CD Facilities	Pools/Waterfront Upgrades	117,942	120,342	2,400	-	March 2019	Work In progress
Community Development	CD Facilities	Queens Athletic Field Bleachers	43,968	61,000	17,032	-	November 2019	Work in progress
Community Development	CD Facilities	Sudbury Arena-Structural Repair	57,240	98,000	40,760	-	December 2019	Work in progress. This project has outstanding purchase orders and the remaining budget is to fund the purchase order.
Community Development	CD Facilities	T.M. Davies Arena Drain/Walls	130,933	134,810	3,877	-	August 2020	Work in progress.
Community Development	CD Facilities	TD Arena - Door Replacement	1,745	25,212	23,467	-	August 2020	Work in progress.
Community Development	CD Facilities	TD Arena-Vent. Improvement	41,843	138,922	97,079	-	December 2019	Funds for detailed design. RFP for Architectural Services to be issued once total project funding is secured.
Community Development	CD Facilities	Therapeutic Pool	-	300,000	300,000	-	2020 -Q4	Work in progress. Various Leisure facilities.
Community Development	CD Facilities	Various Engineering Studies	-	37,097	37,097	-	December 2019	This project has no outstanding purchase orders and there are no costs expected after Dec 31/18. Surplus to be moved to Holding Account in Q2 2019.
Community Development	CD Facilities	Various Engineering Studies	27,820	29,620	1,800	1,800	Completed	

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Community Development	CD Facilities	Various Facilities	325,025	326,764	1,739	1,739	Completed	This project has no outstanding purchase orders and there are no costs expected after Dec 31/18. Surplus to be moved to Holding Account in Q2 2019.
Community Development	CD Facilities	Various Parks	52,874	53,553	679	679	Completed	This project has no outstanding purchase orders and there are no costs expected after Dec 31/18. Surplus to be moved to Holding Account in Q2 2019.
Community Development	CD Facilities	Various Pools - HVAC Replace	-	271,817	271,817	-	2019-20	Work to be conducted as per Building Condition Assessments (BCAs) received in Fall 2018.
Community Development	Cemetery	Cemetery Monument Repairs	34,596	50,000	15,404	-	October 2019	Approximately 30-40 monuments will be repaired with this funding.
Community Development	Cemetery	Civic Memorial - HVAC	-	80,000	80,000	-	December 2019	HVAC system to be installed at the Civic Memorial Building and to be completed in 2019.
Community Development	Cemetery	Civic Memorial-Roof Repairs	9,474	65,000	55,527	-	Q3 2020	Civic Memorial roof repairs to be completed together with the Mausoleum roof repairs.
Community Development	Cemetery	Lot Expansion-Capreol	33,510	50,961	17,451	-	September 2019	Project to increase inventory at this cemetery location. Awaiting Engineering Design to begin work on expanding inventory at this cemetery location.
Community Development	Cemetery	Maplecrest Landscaping	-	82,608	82,608	-	December 2019	Columbarium Niche Wall in Valley East will provide 120 niches with this project.
Community Development	Cemetery	VE - Columbarium Niche Wall	3,665	80,000	76,335	-	September 2019	See Detailed Report
Community Development	Event Center	Event Center Construction Costs	1,538,024	99,574,140	98,036,116	-	unknown	See Detailed Report
Community Development	HCI	Ward 1	2,720	178,507	175,787	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 2	49,252	137,264	88,012	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 3	12,923	45,750	32,827	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 4	33,070	113,305	80,235	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 5	44,796	87,134	42,339	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 6	3,595	56,094	52,499	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 7	8,450	86,232	77,782	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 8	8,662	145,795	137,134	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 9	22,216	48,670	26,454	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 10	6,060	52,653	46,593	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 11	44,660	163,239	118,579	N/A	2019-20	Various HCI capital projects.
Community Development	HCI	Ward 12	22,256	137,609	115,354	N/A	2019-20	Various HCI capital projects.
Community Development	Leisure Services	Adanac Ski Hill Lift	1,941,642	2,299,925	358,283	118,283	2019-20	See Detailed Report
Community Development	Leisure Services	Azilda Dog Park	-	656	656	-	N/A	Donation from Community Group.
Community Development	Leisure Services	Azilda Project Enhancements	9,321	24,648	15,327	-	December 2019	Planning phase -Additional work in summer 2019.
Community Development	Leisure Services	Azilda Splash Park	-	50,000	50,000	N/A	N/A	Seed funding. Currently insufficient fund to realize this project.
Community Development	Leisure Services	Backhoe	77,966	80,000	2,035	2,035	Completed	Complete. Surplus to be moved back to CFRF Parks Equip & Vehicle in Q2 of 2019.
Community Development	Leisure Services	Capreol Splash Park	98,956	100,088	1,133	1,133	Completed	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Community Development	Leisure Services	Coniston Adelie Splash Pad	26,196	50,000	23,804	N/A	October 2019	HCI Project, work to start in summer 2019.
Community Development	Leisure Services	Copper Cliff Splash Pad	-	50,050	50,050	N/A	N/A	Seed funding. Currently insufficient fund to realize this project. Community donation received \$50.
Community Development	Leisure Services	Delki Dozzi Splash Park	-	50,000	50,000	N/A	N/A	Seed funding. Currently insufficient fund to realize this project.
Community Development	Leisure Services	Elgin Street Greenway	-	467,000	467,000	-	Unknown	Additional funding and direction is required to advance project as federal/provincial government grants have not been approved.
Community Development	Leisure Services	Farm Tractor/Mower	-	30,000	30,000	-	June 2019	Planning phase - Funded from Park Equipment Reserve Fund.
Community Development	Leisure Services	Farmdale Playground	1,700	7,759	6,059	-	December 2019	Work in progress.



# Appendix A - Capital Projects Status Update as at December 31, 2018

**Purpose:** Listing of active capital projects with a remaining budget that is unspent as of December 31, 2018. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2019 and future year.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Community Development	Leisure Services	Garson Splash Park	114,538	150,660	36,122	36,122	Completed	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Community Development	Leisure Services	Junction Cr Waterway Park	110,015	246,949	136,934	-	2020-21	Work in progress - Design of pedestrian bridge and soil stability analysis.
Community Development	Leisure Services	Kalmo Beach	3,220	5,000	1,780	1,780	N/A	Grant - Sudbury Community Foundation
Community Development	Leisure Services	Korpela Plygrnd-Bayridge Neigh	1,225	5,585	4,360	-	September 2019	Work in progress - Donation from Community Group.
Community Development	Leisure Services	Laurentian Playground	8,328	10,644	2,316	2,316	Completed	Complete. Surplus to be moved back to Tax Rate Stabilization Reserve in Q2 of 2019.
Community Development	Leisure Services	Lonsdale Playground Association	-	1,000	1,000	-	N/A	Donation from Community Group.
Community Development	Leisure Services	McLean Park Upgrade	49,490	56,000	6,510	-	September 2019	Work in progress.
Community Development	Leisure Services	Millennium Accessibility Project	137,252	145,746	8,494	-	August 2019	Work in Progress.
Community Development	Leisure Services	Minnow Lake Dog Park	47,887	52,420	4,532	-	August 2019	Work in progress. Remaining budget includes a donation of \$2,650 from Community Group.
Community Development	Leisure Services	Moonlight Beach Upgrades	38,746	75,000	36,254	-	December 2019	Work in progress.
Community Development	Leisure Services	Mower	-	5,000	5,000	-	June 2019	Work in progress. Funded from Park Equipment Reserve Fund.
Community Development	Leisure Services	Outdoor Court Resurfacing	-	70,348	70,348	-	December 2019	Planning phase - Outdoor court resurfacing.
Community Development	Leisure Services	Overseeder	15,698	21,211	5,513	-	June 2019	Work in progress. Funded from Park Equipment Reserve Fund.
Community Development	Leisure Services	Playground Revitalization - Cote Park	-	80,000	80,000	-	October 2019	Project Awarded- Work to start in summer 2019.
Community Development	Leisure Services	Playground Revitalization - East Street Tot	1,480	80,000	78,520	-	October 2019	Project Awarded- Work to start in summer 2019.
Community Development	Leisure Services	Playground Revitalization - Hillcrest Playground	69,142	80,000	10,858	-	Completed	Surplus will be used towards upgrading future playground as part of the Playground Revitalization Project. To be returned to Playground Revitalization main account in Q2 2019 for use towards other playgrounds.
Community Development	Leisure Services	Playground Revitalization - Howard Armstrong Sport Complex	-	80,000	80,000	-	October 2019	Project Awarded- Work to start in summer 2019.
Community Development	Leisure Services	Playground Revitalization - Lakeview Playground	70,529	80,000	9,471	-	August 2019	Work in Progress.
Community Development	Leisure Services	Playground Revitalization - Lonsdale Playground	48,811	80,000	31,189	-	September 2019	Work in Progress.
Community Development	Leisure Services	Playground Revitalization - Penman Park	70,030	80,965	10,935	-	Completed	Surplus will be used towards upgrading future playground as part of the Playground Revitalization Project. To be returned to Playground Revitalization main account in Q2 2019 for use towards other playgrounds.
Community Development	Leisure Services	Playground Revitalization - Pinecrest Tot Lot	62,707	80,000	17,293	-	September 2019	Work in Progress.
Community Development	Leisure Services	Playground Revitalization - Place Hurtubise Playground	70,045	80,000	9,955	-	Completed	Surplus will be used towards upgrading future playground as part of the Playground Revitalization Project. To be returned to Playground Revitalization main account in Q2 2019 for use towards other playgrounds.
Community Development	Leisure Services	Playground Revitalization - Project Costs	48	1,325,338	1,325,290	-	2019-2021	See Detailed Report
Community Development	Leisure Services	Playground Revitalization - Selkirk Park	-	80,000	80,000	-	October 2019	Project Awarded- Work to start in summer 2019.
Community Development	Leisure Services	Playground Revitalization - Sixth Avenue Playground	66,425	93,697	27,272	-	September 2019	Work in Progress.
Community Development	Leisure Services	Playground Revitalization - St Joseph Playground	-	80,000	80,000	-	October 2019	Project Awarded- Work to start in summer 2019.
Community Development	Leisure Services	Playground/Outdoor Rinks	-	100,000	100,000	-	December 2019	Renewal and maintenance of various playgrounds and outdoor rinks.
Community Development	Leisure Services	Playground/Outdoor Rinks	62,457	106,968	44,510	-	December 2019	Work in progress -Upgrade various playgrounds and outdoor rinks.
Community Development	Leisure Services	Rheal Belisle Centre	17,153	24,227	7,075	-	August 2019	Work in progress - Additional work in summer 2019.

# Appendix A - Capital Projects Status Update as at December 31, 2018

**Purpose:** Listing of active capital projects with a remaining budget that is unspent as of December 31, 2018. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2019 and future year.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Community Development	Leisure Services	Scoreboards	137,129	180,584	43,455	-	2019-20	In progress - for various arena scoreboards and other upgrades.
Community Development	Leisure Services	Ski Hill Upgrades	11,694	12,000	306	306	Completed	This project has no outstanding purchase orders and there are no costs expected after Dec 31/18. Surplus to be moved to Holding Account in Q2 2019.
Community Development	Leisure Services	Sports Field Upgrades	104,317	175,847	71,530	-	December 2019	Work in progress -Additional sports field upgrade (fencing, backstops, bleachers).
Community Development	Leisure Services	Spreader	-	5,000	5,000	-	June 2019	Work in progress. Funded from Park Equipment Reserve Fund.
Community Development	Leisure Services	Tennis Court Resurfacing	7,400	35,300	27,900	-	December 2019	Work in progress. This project has outstanding purchase orders and the remaining budget is to fund the purchase order.
Community Development	Leisure Services	Trimmer	-	5,000	5,000	-	June 2019	Work in progress. Funded from Park Equipment Reserve Fund.
Community Development	Leisure Services	Upgrade/Bike Path/CommTrails	38,720	91,936	53,216	-	December 2019	Planning phase -Renewal and maintenance of Trails.
Community Development	Leisure Services	Utility Truck	11,674	14,975	3,301	3,301	Completed	Complete. Surplus to be moved back to Parks Equipment Reserve Fund in Q2 of 2019.
Community Development	Leisure Services	Val Caron Splash Park	108	50,000	49,892	N/A	N/A	Seed funding. Currently insufficient fund to realize this project.
Community Development	Leisure Services	Valley East Twin Pad	-	24,703	24,703	-	October 2019	Work in progress - awarded public consultation services.
Community Development	Leisure Services	Valley East Youth Centre	34,092	81,653	47,561	-	October 2019	Work in Progress -Demolition and removal of Septic Tank.
Community Development	Leisure Services	Victory Park Skate Park	-	17,836	17,836	-	December 2019	Work in progress. Donation received for Victory Skate Park.
Community Development	Library	Anderson Farm	44,139	50,000	5,861	-	December 2019	Anderson Farm Museum is undergoing many repairs and upgrades due to structural issues identified.
Community Development	Library	Capreol Citizen Centre	65,605	79,845	14,240	14,240	December 2018	Repairs to the air conditioning units was completed. This project has no outstanding purchase orders and there are no costs expected after Dec 31/18. Surplus to be moved to Holding Account in Q2 2019.
Community Development	Library	Capreol CSC - Boiler	-	109,884	109,884	-	Q1 2020	The boiler system will be replaced in 2019, final completion Q1 2020.
Community Development	Library	Capreol CSC - Windows	-	50,000	50,000	352	June 2019	First floor of the windows at the Capreol CSC building will be completely replaced by this summer.
Community Development	Library	Children's Area Renovations	130	74,206	74,077	-	Q2 2020	Furniture, shelving and chairs to complete the children's areas in the Library/CSC locations.
Community Development	Library	City Museums - Repairs	1,894	20,000	18,106	-	December 2019	Repairs are required at each of the museum locations.
Community Development	Library	Energy Retrofits	38,966	52,838	13,871	-	Q2 2020	Energy retrofits have been completed in some of the locations, this will address additional areas identified.
Community Development	Library	Flour Mill Museum - Relocation	26,736	28,180	1,444	-	December 2019	Flour Mill Museum relocation project will be completed in 2019 and this funding will assist with repairs.
Community Development	Library	Historical Database-Licence	25,740	57,000	31,260	-	2021	Historical Database licensing fees due on an annual basis. This will be included in future Operating Budgets.
Community Development	Library	Landscaping & Exterior Repairs	-	38,043	38,043	-	Q2 2020	Landscaping and exterior repairs are required at some of the Library/CSC locations to ensure safety and reduce places for needles to be disposed.
Community Development	Library	Library Shelving	-	74,130	74,130	-	Q2 2020	Shelving to be replaced to meet the legislative requirements.

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Community Development	Library	MacKenzie Library	11,508	18,653	7,145	-	December 2019	Repairs are required at the MacKenzie Branch.
Community Development	Library	Museum Website	4,656	30,000	25,344	-	Q1 2020	Museum website to be developed and incorporated with the Greater Sudbury Public Library website.
Community Development	Library	South End Renovations	81,417	84,567	3,150	-	December 2019	Repairs are required at the South End Branch.
Community Development	Pioneer Manor	Bed Redevelopment	300,480	450,272	149,792	-	On Hold	Project currently on hold. Should redevelopment not proceed, current budget allocations will be required to finalize all outstanding bill payments for schematic design and vacant space study.
Community Development	Pioneer Manor	Scheduling Software Upgrade	8,389	24,109	15,720	-	December 2019	Project ongoing and on track to be completed by end of year.
Community Development	Pioneer Manor	Therapeutic Equipment	119,310	120,895	1,585	1,585	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Community Development	Social Services	Carpet Replacement	-	50,000	50,000	-	September 2019	The RFT closes at the beginning of April, with an estimated completion in September 2019. Project also has operating funding of \$340,000 in 2019 from Social Services and Children Services for completion of this project.
Community Development	Social Services	Community Hubs/Recommend Space	-	200,000	200,000	200,000	Cancelled	The Community Hubs initiative is no longer being moved forward provincially, and has been cancelled. Surplus to move to holding account in Q2 of 2019.
Community Development	Social Services	Interior Renovations	-	160,000	160,000	-	September 2019	The RFT closes at the beginning of April, with an estimated completion in September 2019. Project also has operating funding of \$340,000 in 2019 from Social Services and Children Services for completion of this project.
Community Development	The Junction	Convention Performance Centre	214,930	322,500	107,570	-	December 2024	Staff continue to explore options for private sector participation. Work has begun exploring alternate sites in the downtown south district. Staff attended the MIPIM (international real estate property event in France) conference with an opportunity to showcase The Junction on global stage to developers, investors and hotel operators.
Community Development	The Junction	Library/Art Gallery	236,086	332,500	96,414	-	December 2022	Staff continue to explore options for private sector participation. Work has begun exploring alternate sites in the downtown south district. Staff attended the MIPIM conference with an opportunity to showcase The Junction on global stage to developers, investors and hotel operators.
Community Development	Transit Services	Accelerated Rebuild	1,182,931	1,350,000	167,069	-	March 2020	<a href="#">See Detailed Report</a>
Community Development	Transit Services	AVL Modem Upgrade	97,519	98,759	1,241	1,241	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Community Development	Transit Services	Garage Improvements	3,157,077	3,537,580	380,503	-	March 2020	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Garage Improvements	260,975	338,686	77,711	-	December 2019	Work in progress
Community Development	Transit Services	Handi Transit Buses	79,886	80,000	114	114	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Community Development	Transit Services	Light Fleet	80,805	100,000	19,195	-	December 2019	One more vehicle to purchase
Community Development	Transit Services	Rebuilds	10,237	60,000	49,763	-	December 2019	Work in progress
Community Development	Transit Services	Replacement Buses	2,816,049	2,828,723	12,674	12,674	Complete	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Route Optimization Study	249,079	1,075,000	825,921	-	March 2020	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Scheduling Software Upgrade	103,904	200,000	96,096	-	March 2020	Work in progress
Community Development	Transit Services	Stop Announcement Upgrade	-	7,123	7,123	-	August 2019	Work in progress
Community Development	Transit Services	Terminal Improv - Elm St	1,275,728	1,276,514	785	785	Complete	<a href="#">See Detailed Report</a>

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Community Development	Transit Services	Terminal/Bus Shelters	-	12,756	12,756	-	December 2019	Work in progress
Community Development	Transit Services	Terminal/Bus Shelters	6,843	13,040	6,197	-	December 2019	Will replace other shelters with remaining funds.
Community Development	Transit Services	Transit Branding	15,074	101,480	86,406	-	August 2019	Work in progress
<b>Community Development Total</b>			<b>17,582,096</b>	<b>125,675,051</b>	<b>108,092,955</b>	<b>401,822</b>		
								Tanker #2 \$301,567 - Truck has been ordered and now in production, estimated delivery and in service by November 2019.
Community Safety	Fire Services	Front Line Response Vehicles	-	962,063	962,063	-	Nov-19 (tanker) Q1 2020 (pumper)	Pumper #2 \$660,495 - RFP to close end of May 2019, estimated delivery and in service by Q1 of 2020.
Community Safety	Fire Services	Ladder Truck	-	1,526,926	1,526,926	-	November 2019	<a href="#">See Detailed Report</a>
								Purchase of various personal protective equipment is underway with varying expected completion dates. Consists of; Leather boots (\$100,000 over 5 years standing offer in place, ordered and received for 2019), helmets (RFP closed, tender being awarded by March 31, 2019 \$90,000), bunker gear (RFP being drafted with Purchasing Dept, RFP being issued in April 2019, expected delivery of first order in Q4 of 2019.)
Community Safety	Fire Services	Personal Protective Equipment	-	646,718	646,718	-	12/1/2019 (except leather boots, 5 year standing offer)	Total budget has been spent as of February 2019 for purchase of fire hoses.
Community Safety	Fire Services	Primary Firefighting Equipment	31,787	41,301	9,515	-	February 2019	
								Funds are being used to upgrade Fire Stations IT to support existing records management & training systems, work is currently being completed. Mobile Data Terminals are being purchased, standing offer is already in place, order is being placed by April 2019.
Community Safety	Fire Services	Records Management System	155,755	250,000	94,245	-	May 2019	Purchase of Water Rescue Equipment is being initiated, currently collecting information.
Community Safety	Fire Services	Specialized Firefighting Equip	99,639	214,627	114,989	-	June 2019	
								Fire Services is coordinating with the Assets Division to implement the remaining work for this project, estimated to be completed by December 31, 2019.
Community Safety	Fire Services	Station Generator	81,521	172,510	90,989	-	December 2019	Obtaining 3 quotes for F-250 Crew Cab, purchase is anticipated to be completed by 2019 Q3.
Community Safety	Fire Services	Support Vehicle	162,038	207,582	45,544	-	June 2019	Tanker #1 - Truck has been ordered and now in production, estimated delivery and in service by November 2019.
								Installation of training cameras in the Fire Training Tower. Purchase order has been issued and work is commencing. Purchase of water rescue equipment is being processed with estimated delivery by June 2019.
Community Safety	Fire Services	Training Vehicle & Equipment	9,578	46,750	37,172	-	June 2019	Project is now complete. Remaining funds to be returned to EMS Capital Reserve Fund.
Community Safety	Paramedic Services	Auto Medication System	63,802	76,416	12,613	12,613	January 2019	RFP to secure consultants for the Station Revitalization Plan is being drafted.
Community Safety	Paramedic Services	EMS Station Development	155,907	447,494	291,586	-	December 2019	Support Vehicle Requisition has been submitted, in-service by September 2019 is expected.
Community Safety	Paramedic Services	Front Line Response Vehicles	447,949	543,243	95,294	20,000	September 2019	All medical equipment purchases are underway. Includes replacement of items such as EZIO Drills, Thermometers, Pediatric Defibrillator Pads.
Community Safety	Paramedic Services	Medical Equip/Supplies	38,511	239,258	200,747	-	December 2019	
Community Safety	Paramedic Services	Stretchers Power	100,066	254,400	154,334	-	March 2019	Purchase of Prehos Community Paramedicine Tool completed in March 2019. Remaining funds to be returned to EMS Capital Reserve Fund.
Community Safety	Paramedic Services	Technology	224,544	240,000	15,456	8,000	March 2019	

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
		<b>Community Safety Total</b>	<b>1,571,095</b>	<b>6,170,855</b>	<b>4,599,760</b>	<b>40,613</b>		
Corporate Services	199 Larch	Accessibility Audit	5,063	74,245	69,182	-	Q4 2019	Audit complete and funds will be used towards accessibility upgrades associated with the revolving door project.
Corporate Services	199 Larch	Distribution Audit & Review	65,430	76,734	11,303	-	Q2 2019	Capital project complete as at December 31, 2018 and remaining budget is to be used to pay the outstanding purchase orders attributed with the work.
Corporate Services	199 Larch	Emergency Generator	405,580	562,662	157,083	157,083	Complete	Capital project complete as at December 31, 2018 and remaining budget will be uncommitted in the 199 Larch Street Reserve Fund in Q2 2019.
Corporate Services	199 Larch	Exterior Stairs	-	20,000	20,000	-	Q4 2019	Part of stair repairs to fix ongoing water leaks into facility. Being tendered
Corporate Services	199 Larch	Generator Replacement	32,520	60,400	27,881	27,881	Complete	Capital project complete as at December 31, 2018 and remaining budget will be uncommitted in the 199 Larch Street Reserve Fund in Q2 2019.
Corporate Services	199 Larch	Revolving Door-Main Entrance	-	447,066	447,066	-	Q4 2019	In design, getting ready for tender.
Corporate Services	199 Larch	Security - Access System	72,297	72,880	583	-	Q2 2019	Capital project complete as at December 31, 2018 and remaining budget is to be used to pay the outstanding purchase orders attributed with the work in Q2 2019
Corporate Services	199 Larch	Skylight Replacement	155,803	252,515	96,712	-	Q3 2019	Need balance to complete doors and minor drywall repairs in corridor location where skylights have been replaced.
Corporate Services	199 Larch	Upper Concourse - Day Care	-	150,000	150,000	-	Q4 2019	Part of stair repairs, being tendered
Corporate Services	199 Larch	Upper Concourse - Planters	-	37,965	37,965	-	Q4 2019	Part of stair repairs to fix ongoing water leaks into facility. Being tendered
Corporate Services	199 Larch	Washroom Upgrade	-	175,000	175,000	-	Q4 2019	In design, getting ready for tender.
Corporate Services	Administration	By-law Enforcement Equip	5,593	75,000	69,407	-	December 2019	Following Council approval of permanent staffing for Shelter services, staff will be looking to utilize remaining funds to support service level delivery. Currently in receipt of a quote for 12 portable radios and 1 base station that support operation/dispatch in ANY area of the City. This addresses current gaps where Radios do not function in certain areas.
Corporate Services	Administration	By-law Enforcement Equip	-	25,000	25,000	-	December 2019	Following Council approval of permanent staff for Shelter services, staff will be looking to utilize funds to make improvements to lighting / communications at shelter while awaiting opportunity for new site.
Corporate Services	Administration	Closed Captioning	-	15,000	15,000	-	End of Q4 2020	To be used for agenda and meeting management software project as approved in 2019 Capital Budget.
Corporate Services	Administration	Corporate Infrastructure	-	379,844	379,844	unknown	Q4 2020	Design of project is underway to better define public and staff space on each floor; starting on the fourth floor of TDS. This project will include costs associated with furniture (purchase / movement), consulting for architectural services and procurement / install / commissioning of access control systems.
Corporate Services	Administration	Corporate Infrastructure	-	60,669	60,669	unknown	Q4 2020	Design of project is underway to better define public and staff space on each floor; starting on the fourth floor of TDS. This project will include costs associated with furniture (purchase / movement), consulting for Architectural services and procurement / install / commissioning of access control systems.

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Corporate Services	Administration	Ergonomic Furniture	45,792	50,000	4,208	-	Q2 2019	Remaining budget to fund outstanding purchase orders that will be paid in 2019.
Corporate Services	Administration	Furniture Upgrades	159,641	193,241	33,600	-	December 2019	To be used for furniture upgrades to TDS Foyer once renovations are complete.
Corporate Services	Administration	Library Archives	19,959	123,828	103,869	-	Mid 2020	Will be used to complete a needs assessment for the Community Archive. Generally used to fund improvements and repairs at the archive facility.
Corporate Services	Administration	TDS Committee Room	-	174,009	174,009	100,000	December 2019	Various minor improvements to committee rooms are funded from this account.
Corporate Services	Administration	TDS Committee Room	87,188	134,023	46,835	-	December 2019	Various minor improvements to committee rooms are funded from this account.
Corporate Services	Assets	Assets Contingency	28,914	45,804	16,890	-	Q4 2019	Balance required for lighting at TDS
Corporate Services	Assets	Assets Contingency	5,866	9,667	3,801	-	Q4 2019	Balance required for lighting at TDS
Corporate Services	Assets	Boiler Replacement	-	100,000	100,000	-	Q2 2019	Work is nearly completed
Corporate Services	Assets	Building Automation - CLEL	-	140,000	140,000	-	Q4 2019	Being reviewed as part of overall Building Automation System (BAS) Strategy
Corporate Services	Assets	Building Upgrade - Various	47,130	67,314	20,184	-	Q3 2019	Needed to complete gas line work summer 2019
Corporate Services	Assets	DSS & BCA Reports- Various	34,700	214,062	179,362	-	Q4 2019	Finished first set of reviews, additional reviews ongoing in 2019.
Corporate Services	Assets	Emergency Lighting	19,334	22,938	3,603	-	Q3 2019	Almost done, need balance to complete work
Corporate Services	Assets	Energy Conservation-VariouLoc	115,153	177,024	61,871	-	Q4 2019	Balance required for lighting at TDS
Corporate Services	Assets	Energy Saving Initiatives	-	44,001	44,001	-	Q4 2019	Balance required for lighting at TDS
Corporate Services	Assets	Fire Training Tower Upgrades	-	52,196	52,196	-	June 2019	Upgrades started, remaining work to be done in 2019.
Corporate Services	Assets	Health & Safety - Firehalls	34,435	82,109	47,675	-	Q3 2019	Needed for upcoming Fire Halls indoor air quality repairs
Corporate Services	Assets	Health and Safety Upgrades	19,045	21,023	1,978	-	Q2 2019	Capital project complete as at December 31, 2018 and remaining budget is to fund the purchase order in 2019.
Corporate Services	Assets	HVAC - Fire & EMS Stations	-	105,000	105,000	-	Q4 2019	Work to be completed in 2019
Corporate Services	Assets	Loading Dock Bumpers	27,511	32,802	5,292	-	Q4 2019	Work in progress. This project has outstanding purchase orders and the remaining budget is to fund the purchase order in 2019.
Corporate Services	Assets	Solar Panels	1,544,568	2,000,000	455,432	-	Q3 2019	See Detailed Report
Corporate Services	Assets	Various Repairs - PW Depots	10,074	185,663	175,589	-	Q3 2019	Work ongoing. Installed new heaters and fans, and waiting for thaw to complete gas line installation
Corporate Services	Assets	Various Roofing Upgrades	44,768	49,042	4,274	4,274	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Corporate Services	Assets	Window Refurb - CLEL	9,911	157,972	148,061	-	Q4 2019	First tender too high, scope revised and being retendered
Corporate Services	Assets	Window/Door Replace-Firehalls	-	75,000	75,000	-	Q3 2019	First tender too high, scope revised and being retendered
Corporate Services	Fleet Services	3/4 Ton 4x4 Pickup/Crew Cabs	50,045	195,138	145,093	-	April 2019	PO issued
Corporate Services	Fleet Services	Fleet Management Software	-	70,000	70,000	-	December 2019	Project to begin April 2019
Corporate Services	Fleet Services	Garbage Packers	637,771	637,904	133	133	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Fleet Equipment Reserve Fund in Q2 2019.
Corporate Services	Fleet Services	Rebuilds	85,449	110,716	25,267	-	Q2 2019	Project to be completed in Q2
Corporate Services	Fleet Services	Shelving Improvements	8,253	10,000	1,747	-	Q2 2019	Project to be completed in Q2
Corporate Services	Fleet Services	Single Axle Dump Truck	1,063	236,386	235,323	-	July 2019	PO issued
Corporate Services	Fleet Services	Trackless MT5	312,439	312,724	284	284	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Fleet Equipment Reserve Fund in Q2 2019.
Corporate Services	Information Technology	Audit Logging Software	121,065	144,000	22,935	-	October 2019	Upgrades to cyber security devices

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Corporate Services	Information Technology	Business Applications	138,632	400,000	261,368	-	Q4 2020	This funding is being used to upgrade over 50 server operating systems that will no longer meet cybersecurity requirements. On track to do minimal upgrades to meet December deadlines and planning underway to complete the remaining system upgrades in 2020.
Corporate Services	Information Technology	Business Applications	-	200,000	200,000	-	Q2 2021	There are over 30 custom built software applications that are at end of life and must be rewritten. More than half have been rewritten. This funding will be used to provide business analysis and project management for the large remaining systems that are to be moved to our enterprise platforms.
Corporate Services	Information Technology	Database Licenses	-	40,000	40,000	-	Q3 2019	Used to purchase software licenses to remain compliant with cybersecurity requirements for database systems.
Corporate Services	Information Technology	ERP - FMIS Upgrade	191,505	300,785	109,280	-	Q4 2021	Part of IT ERP Program Committee. See comment under Misc Project Costs.
Corporate Services	Information Technology	ERP - Misc Project Costs	18,890	132,715	113,825	-	Q4 2021	Misc Project Costs, FMIS Upgrade, and Training accounts are being used together as funding for the IT Strategic Plan - ERP Program Committee. IT program committees are being implemented to implement enhancements and improve efficiencies for Enterprise IT systems such as the ERP Financial, HR and Budgeting systems. These systems tie in to any other system managing financial or human resources. This program committee is responsible for developing a strategy and work plan for the ERP systems.
Corporate Services	Information Technology	ERP - Perfect Mind Software	35,616	163,500	127,884	-	2020 Q2	Currently in the process design and system configuration stage. On track for an early 2020 go-live.
Corporate Services	Information Technology	ERP - Training	23,741	105,633	81,892	-	Q4 2021	Part of IT ERP Program Committee. See comment under Misc Project Costs.
Corporate Services	Information Technology	Geographic Information Systems	60,689	182,623	121,934	-	Q4 2020	Funding is being used together as funding for the IT Strategic Plan - GIS Program Committee. IT program committees are being implemented to implement enhancements and improve efficiencies for Enterprise IT systems such as the Geographic Information Systems committee. These systems tie in to any other system managing financial or human resources. This program committee is responsible for developing a strategy and work plan for GIS.
Corporate Services	Information Technology	Microsoft Products	428,194	599,117	170,923	-	December 2019	Microsoft License New users/Commitments
Corporate Services	Information Technology	MMMS Replacement	882,761	1,382,761	500,000	-	Q4 2020	See Detailed Report
Corporate Services	Information Technology	Mobile/Remote Desktop Infrs	-	6,991	6,991	-	August 2019	New users and services
Corporate Services	Information Technology	Network OS Mail Licenses	-	10,000	10,000	-	October 2019	New users and services
Corporate Services	Information Technology	Network Wireless Infrastructure	-	20,000	20,000	-	September 2019	WIFI capacity adds & maintenance
Corporate Services	Information Technology	Network Wireless Infrastructure	186,934	200,000	13,066	-	September 2019	WIFI capacity adds & maintenance
Corporate Services	Information Technology	Telephone Upgrades	34,498	305,964	271,466	-	Q4 2020	Funding existing phone system (Telecom PBX) Upgrade for project that has additional funding in 2019 Capital Budget to complete project.
Corporate Services	Information Technology	Telephone Upgrades	-	71,835	71,835	-	Q4 2020	Funding existing phone system (Telecom PBX) Upgrade for project that has additional funding in 2019 Capital Budget to complete project.
Corporate Services	Parking	Lot Surface Improvements	-	211,305	211,305	-	November 2019	For Pay by Plate that will commence in Q2 2019 as RFP has been publicly released.

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Corporate Services	Parking	Parking Improvements	51,624	99,771	48,147	-	November 2019	For Pay by Plate that will commence in Q2 2019 as RFP has been publicly released.
Corporate Services	Tom Davies Square	Air Handlers 190 Brady	-	50,000	50,000	-	Q3 2019	Design only on going, work to be prioritized in 2020 budget
Corporate Services	Tom Davies Square	Air Quality Upgrades	9,937	12,211	2,274	-	Q2 2019	Remaining budget is to fund outstanding purchase order that have not been paid as of Dec 31, 2018.
Corporate Services	Tom Davies Square	Boiler Replacement	170,739	183,168	12,430	-	February 2019	To be completed in February 2019.
Corporate Services	Tom Davies Square	Caulking Replacement	-	70,000	70,000	-	Q3 2019	Design on going. Portion of work to be in 2019, remaining in 2020.
Corporate Services	Tom Davies Square	Courtyard Reno - Larch St	1,082,776	1,310,000	227,224	-	Q2 2019	See Detailed Report
Corporate Services	Tom Davies Square	Courtyard Renovation	8,589,750	8,988,478	398,728	-	Q2 2019	See Detailed Report
Corporate Services	Tom Davies Square	Distribution Audit & Review	67,988	116,007	48,018	-	Q2 2019	Remaining budget is to fund outstanding purchase order that have not been paid as of Dec 31, 2018.
Corporate Services	Tom Davies Square	Exterior Stairs	270,564	343,788	73,224	-	Q4 2019	Part of stair repairs to fix ongoing water leaks into facility. Being tendered
Corporate Services	Tom Davies Square	Fire Rating Repairs Design	-	100,000	100,000	-	Q3 2019	In design, getting ready for tender
Corporate Services	Tom Davies Square	Generator Replacement	45,792	60,827	15,035	-	Complete	See Detailed Report
Corporate Services	Tom Davies Square	Generator Replacement	968,767	1,065,430	96,663	-	February 2019	See Detailed Report
Corporate Services	Tom Davies Square	HVAC Humidification	-	125,000	125,000	-	Q3 2019	In design, getting ready for tender
Corporate Services	Tom Davies Square	HVAC System Upgrade	781	125,000	124,219	-	Q3 2019	In design, getting ready for tender
Corporate Services	Tom Davies Square	Interior Finishes-Elevator Rel	-	40,000	40,000	-	Q3 2019	In design, getting ready for tender
Corporate Services	Tom Davies Square	Interior Renovations	-	45,000	45,000	-	Q3 2019	In design, getting ready for tender
Corporate Services	Tom Davies Square	Investigation / Repairs	43,708	52,093	8,385	-	Q3 2019	Require review with Building Services Department for completion; pending result of discussion, more investigation may be required
Corporate Services	Tom Davies Square	Main Fresh Air Supply Fan	-	30,000	30,000	-	Q3 2019	On going
Corporate Services	Tom Davies Square	Plumbing Upgrades	-	25,000	25,000	-	Q3 2019	On going
Corporate Services	Tom Davies Square	Plumbing Upgrades	10,438	25,000	14,562	-	Q3 2019	Piping leaking, and will be repaired in due course
Corporate Services	Tom Davies Square	Pump Replacements	-	80,000	80,000	-	Q3 2019	In design, getting ready for tender
Corporate Services	Tom Davies Square	Rain Water Drainage Repair	-	20,000	20,000	-	Q3 2019	On going
Corporate Services	Tom Davies Square	Skylight Replacement	164,936	165,000	64	-	Q3 2019	Need balance to complete doors and minor drywall repairs in corridor location where skylights have been replaced.
Corporate Services	Tom Davies Square	Smoke Exhaust Fans 200 Brady	-	53,487	53,487	-	Q3 2019	Design to be completed in 2019, work to be in 2020
Corporate Services	Tom Davies Square	Smoke Seal and Firestop	-	25,000	25,000	-	Q3 2019	On going
Corporate Services	Tom Davies Square	Structural Repairs	21,105	50,000	28,895	-	Q4 2019	Remaining to fund stair repairs and outstanding purchase orders.
Corporate Services	Tom Davies Square	Structural Report Repairs	225,669	261,874	36,205	-	Q3 2019	Require review with Building Services Department for scope completion
Corporate Services	Tom Davies Square	TDS Elevator Upgrades	2,079,072	2,974,069	894,998	-	Q2 2019	See Detailed Report
Corporate Services	Tom Davies Square	Various Mechanical Upgrades	-	15,000	15,000	-	Q3 2019	Equipment identified as requiring replacements will be completed
Corporate Services	Tom Davies Square	Ventilation Fan	-	80,000	80,000	-	Q3 2019	In design, getting ready for tender
Corporate Services	Tom Davies Square	Window Pane Replacement	-	50,000	50,000	-	Q4 2019	First tender too high, scope revised and being retendered
Corporate Services	Tom Davies Square	Window Pane Replacement	8,801	10,074	1,273	-	Q4 2019	First tender too high, scope revised and being retendered - remaining funds to be used with other funds for window pane replacement.
<b>Corporate Services Total</b>			<b>20,026,268</b>	<b>29,443,073</b>	<b>9,416,805</b>	<b>289,655</b>		
Growth & Infrastructure	Bridge Rehabilitation	Allan Street Bridge	168,210	400,000	231,789	-	Oct. 2019	Capital Estimate \$1.6M + contract administration, remaining required funds included in 2019 budget
Growth & Infrastructure	Bridge Rehabilitation	Balsam St. Bridge	1,203,428	1,204,122	694	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019



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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Growth & Infrastructure	Bridge Rehabilitation	Black Lake Road Bridge	1,306,811	1,322,372	15,561	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019
Growth & Infrastructure	Bridge Rehabilitation	Bowlands Bay Bridge	1,079,037	2,295,000	1,215,963	-	September 2019	Construction on hold during winter. Construction expected to be complete Q3 2019
Growth & Infrastructure	Bridge Rehabilitation	Bridge Inspections/Evaluations	137,892	310,651	172,759	-	Q4 2019	Inspections are ongoing to December 2019
Growth & Infrastructure	Bridge Rehabilitation	Bridge Inspections/Evaluations	150,645	258,476	107,831	-	Q4 2019	Inspections are ongoing to December 2019
Growth & Infrastructure	Bridge Rehabilitation	CNR Overpass(Falconbridge Rd)	172,917	450,000	277,083	-	Oct. 2019	Tendered in Q2 2019, remaining required funds included in 2019 budget
Growth & Infrastructure	Bridge Rehabilitation	Coniston Creek Pedestrian Bridge	-	1,000,000	1,000,000	Unknown	Dec. 2019	Consultant to be assigned through Standing Offer
Growth & Infrastructure	Bridge Rehabilitation	Douglas Street Bridge	194,235	500,000	305,765	-	Oct. 2019	Capital Estimate \$3.2M + contract administration, remaining required funds included in 2019 budget
Growth & Infrastructure	Bridge Rehabilitation	Frappier Road Bridge	43,189	718,703	675,513	-	Oct. 2019	Capital Estimate \$1.2M + contract administration, remaining required funds included in 2019 budget
Growth & Infrastructure	Bridge Rehabilitation	Garson Coniston Rd Bridge	709,975	728,632	18,657	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019
Growth & Infrastructure	Bridge Rehabilitation	Government Rd Bridge(Coniston)	1,889,464	1,889,841	377	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019
Growth & Infrastructure	Bridge Rehabilitation	Ironside Lake Rd Bridge	35,840	500,000	464,160	-	Q4 2020	Funds will be used for detailed design in 2019
Growth & Infrastructure	Bridge Rehabilitation	Junction Creek Bridge Kelly Lk Rd	3,231,823	3,719,771	487,948	487,948	Complete	See Detailed Report
Growth & Infrastructure	Bridge Rehabilitation	Little PanacheLkNarrows Bridge	1,374,941	1,413,594	38,653	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders that will be paid and/or closed during Q2 2019.
Growth & Infrastructure	Bridge Rehabilitation	Mikkola Road Bridge	1,753,938	1,758,061	4,123	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019
Growth & Infrastructure	Bridge Rehabilitation	MR 15 Bridges	3,216,742	3,225,520	8,779	-	Complete	See Detailed Report
Growth & Infrastructure	Bridge Rehabilitation	Nelson Lake Road Bridge	22,237	1,827,815	1,805,578	-	Q4 2020	Detailed design underway. Tender to be posted Q4 2019 for 2020 Construction
Growth & Infrastructure	Bridge Rehabilitation	Old Soo Road Culvert	527,742	534,725	6,983	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019
Growth & Infrastructure	Bridge Rehabilitation	Panache Lake Rd Bridge	598,122	612,163	14,041	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019
Growth & Infrastructure	Bridge Rehabilitation	Riverside Drive Bridge	1,837,041	1,879,034	41,993	25,000	Q2 2019	In warranty period, additional contract administration required
Growth & Infrastructure	Bridge Rehabilitation	Various Bridge Repairs	4,630,186	5,228,505	598,319	-	2019-Oct	See Detailed Report
Growth & Infrastructure	Bridge Rehabilitation	Vermillion Lk Bridge (MR55)	255,827	4,800,000	4,544,173	-	Q4 2020	See Detailed Report
Growth & Infrastructure	Bridge Rehabilitation	Walter Street Bridge	-	400,000	400,000	Unknown	Q4 2020	Consultant to be assigned through Standing Offer
Growth & Infrastructure	Bridge Rehabilitation	William Ave. Bridge (Coniston)	620,208	1,640,000	1,019,792	-	September 2019	Construction on hold during winter. Construction expected to be complete Q3 2019
Growth & Infrastructure	Drains	Capreol Combined Sewers EA	-	150,000	150,000	-	November 2019	Geotech design in summer 2019, construction start fall 2019
Growth & Infrastructure	Drains	Consulting Fees	185,429	280,780	95,351	-	December 2019	To complete 2018 stormwater compliance work
Growth & Infrastructure	Drains	Countryside Stormwater Pond Project Costs	2,526,587	2,677,982	151,395	-	July 2019	See Detailed Report
Growth & Infrastructure	Drains	East Branch Junction Creek Consultant Costs	42,276	42,276	-	-	Complete	See Detailed Report
Growth & Infrastructure	Drains	East Branch Junction Creek Contract Costs	4,270	2,158,724	2,154,454	-	2025	See Detailed Report

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Growth & Infrastructure	Drains	Green Ave Storm Conveyance	46,512	2,100,000	2,053,488	-	1st quarter 2020	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Jacobsen-Cavarzan Storm Sewer	1,084	30,343	29,259	-	December 2019	Drainage study to be initiated in 2019
Growth & Infrastructure	Drains	Lavallee Drain F Subdrain	-	250,000	250,000	-	November 2019	Geotech design in summer 2019, construction start fall 2019
Growth & Infrastructure	Drains	Minnow Lake Treatment Station	3,651,584	3,656,694	5,110	-	July 2019	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Misc Storm Sewer Improv	-	129,105	129,105	-	November 2019	Stormsewer work to be complete as part of existing standing offer contracts
Growth & Infrastructure	Drains	Mountain Street Storm Outlet	1,810,322	4,041,954	2,231,632	-	November 2019	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Watershed Studies	2,049,611	2,870,700	821,089	-	2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Whitson Paquette Drain Project Costs	935,109	8,580,537	7,645,428	-	4th quarter 2020	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Environmental Services	Assessment Plans	8,816	29,163	20,347	4,163	Q4, 2019	Work is ongoing and will be completed in late 2019.
Growth & Infrastructure	Environmental Services	Azilda LF - Cell Closure	-	138,241	138,241	-	Q4, 2019	This is the consultant fee for the design, tendering and construction inspection for the 2019 approved capital project to close a cell at the Azilda Landfill.
Growth & Infrastructure	Environmental Services	Azilda LF - Compost Pad	-	23,391	23,391	-	Q3, 2019	Quote received and work will commence following snow melt.
Growth & Infrastructure	Environmental Services	Azilda LF-SW, Leachate&Wells	-	10,000	10,000	-	Q4, 2019	Portion of work completed and additional work will be completed later this year.
Growth & Infrastructure	Environmental Services	Azilda LS Pad & Signs	32,999	38,874	5,875	-	Q3, 2019	Majority of work completed. Balance to be completed this summer.
Growth & Infrastructure	Environmental Services	Environmental Contingency	14,220	79,080	64,860	-	Q4, 2019	Quotes have been received for the various work and staff expect to complete all work prior to year end.
Growth & Infrastructure	Environmental Services	Environmental Contingency	35,839	68,209	32,370	-	Q4, 2019	Quotes have been received for the various work and staff expect to complete all work prior to year end.
Growth & Infrastructure	Environmental Services	Hamner LS-Cell Closure	847,103	900,000	52,897	-	Q3, 2019	Quotes for remaining work have been received and staff expects completion in the Summer.
Growth & Infrastructure	Environmental Services	Hanmer LF - Compost Pad	-	142,000	142,000	-	Q3, 2019	Quote received and preliminary work will commence following snow melt.
Growth & Infrastructure	Environmental Services	Hanmer LF-SW, Leachate&Wells	-	34,570	34,570	-	Q3, 2019	Quote received and preliminary work will commence following snow melt.
Growth & Infrastructure	Environmental Services	Landfill Wells	71,645	85,000	13,355	-	Q4, 2019	Awaiting results of the annual monitoring report to plan the required work.
Growth & Infrastructure	Environmental Services	LF Scale & ScaleHouse Repair	-	136,461	136,461	(198,539)	Q4, 2019	Condition report on scales have been received and staff are prioritizing the work.
Growth & Infrastructure	Environmental Services	Organic Processing Plan	-	90,000	90,000	-	Q2, 2020	Staff are reviewing various organic processing systems and expect a preliminary report to be provided to the Operations Committee in November 2019.
Growth & Infrastructure	Environmental Services	Recycling Process-Structural	135,702	161,636	25,934	-	Q2, 2019	Testing has been completed. Staff is awaiting the analysis report and the final invoice for the work.
Growth & Infrastructure	Environmental Services	Sud LF - Compost Pad	71,766	205,250	133,484	-	Q3, 2019	Quote received and work will commence following snow melt.
Growth & Infrastructure	Environmental Services	Sud LF-Stormwater Mngtm	5,026	37,000	31,974	-	Q3, 2019	Quote received and preliminary work will commence following snow melt.
Growth & Infrastructure	Environmental Services	Sud LF-SW, Leachate & Wells	-	240,000	240,000	-	Q4, 2019	Partial quotes received with some work to be completed in Q2 2019 and the balance later in 2019.
Growth & Infrastructure	Environmental Services	Sudbury LS Cell Closure Misc	1,248,216	1,563,823	315,608	20,000	Q3, 2019	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Environmental Services	Sudbury LS-C& D Site Ph 1	124,127	129,279	5,152	-	Q2, 2019	Final work to be completed this Spring and staff expects to provide the Operations Committee with a report in July 2019.
Growth & Infrastructure	Environmental Services	Sudbury LS-Recycling Site Ph 2	647,585	686,772	39,187	-	Q2, 2019	Final work to be completed this Spring and staff expects to provide the Operations Committee with a report in July 2019.
Growth & Infrastructure	Environmental Services	Various Engineering Studies	52,138	96,187	44,049	-	Q4 2019	Ongoing engineering requirements.

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Growth & Infrastructure	Environmental Services	Walden TS-SW, Leachate & Wells	-	20,000	20,000	-	Q3, 2019	Quote received and preliminary work will commence following snow melt.
Growth & Infrastructure	Planning	Development Charge Study	53,302	111,578	58,276	-	July 2019	2019 DC Study is underway with approval of a DC by-law planned before June 30, 2019.
Growth & Infrastructure	Planning	Elgin Street Greenway	210,592	210,799	207	(10,158)	Complete	Expected deficit based on outstanding purchase order and will be funded from Holding Account in 2019 when costs are paid.
Growth & Infrastructure	Planning	GPS Equipment	74,578	92,035	17,457	17,457	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Planning	Green Space	63,460	178,639	115,179	-	Ongoing	One time funding was allocated to purchase Greenspace properties identified in the Green Space Advisory Panel report. Properties are acquired as they become available.
Growth & Infrastructure	Planning	Mapping Photography	-	103,970	103,970	103,970	Complete	Costs were funded from the Watershed Studies account and this remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Planning	Official Plan	154,600	256,150	101,550	-	Q2 2020	Official Plan Review is ongoing
Growth & Infrastructure	Planning	Pop Projection Study	35,879	60,000	24,121	-	June 2019	Remaining budget to be used to fund outstanding purchase orders in 2019 for this project.
Growth & Infrastructure	Planning	Whitson River Trail	-	232,945	232,945	-	Q3 2019	Project design is underway. Finance & Administration Committee to consider the business case for the construction of this trail at the April 2019 meeting.
Growth & Infrastructure	Roads	CWWWF - Facer St-SWOTS	924,625	1,599,565	674,940	650,000	July 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019. Any surplus will be transferred to the Holding Account.
Growth & Infrastructure	Roads	Active Transportation Improvements	329,944	370,000	40,056	5,000	May 2019	Final stage of Regent Street pedestrian signals to be completed in the spring.
Growth & Infrastructure	Roads	Arvo Street	788,755	796,188	7,433	7,433	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Automatic Vehicle Locator	1,276,446	1,494,991	218,545	-	2019-Dec	Additional AVL equipment required to be updated in 2019
Growth & Infrastructure	Roads	Automatic Vehicle Locator	1,437	200,000	198,563	-	2019-Dec	Additional AVL equipment required to be updated in 2019
Growth & Infrastructure	Roads	Automatic Vehicle Locator	3,629	200,000	196,371	-	2019-Dec	Additional AVL equipment required to be updated in 2019
Growth & Infrastructure	Roads	Avalon Road	189,417	340,000	150,583	-	2019-July	Restoration and surface asphalt to be complete.
Growth & Infrastructure	Roads	Azilda Koskiniemi	-	381,944	381,944	-	UNKNOWN	Cost sharing application approved in Sept 2016 at Planning Committee. Easement agreement is required before commencement of construction.
Growth & Infrastructure	Roads	Azilda Subdivisions	513,089	610,000	96,911	96,911	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Barry Downe Bus Bay	6,998	140,000	133,002	-	2022	Work on land requirements continues.
Growth & Infrastructure	Roads	Barry Downe Westmount-Kingsway	-	4,572,420	4,572,420	-	2021-Q4	See Detailed Report
Growth & Infrastructure	Roads	Beatty St-Frood to Elm	3,154	2,040,000	2,036,846	-	2019-Nov	Tender for construction in March
Growth & Infrastructure	Roads	Bethune Avenue	50,893	55,000	4,107	4,107	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Bonin Street	433,526	500,000	66,474	66,474	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Brady Durham Greenstairs	1,632,884	1,641,515	8,631	-	2019-Dec	In progress
Growth & Infrastructure	Roads	Brookside Road	1,733	430,000	428,267	-	2019-Oct	In progress
Growth & Infrastructure	Roads	Capreol CIP	1,389,454	1,640,999	251,545	-	2019-Oct	In progress, construction completion in 2019

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Growth & Infrastructure	Roads	Carmen Street	101,335	102,556	1,221	1,221	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Carol Street	247,627	252,984	5,357	5,357	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Crack Sealing	193,851	300,000	106,150	-	2019-Oct	In progress
Growth & Infrastructure	Roads	Crean Hill Road	10,761,236	11,120,159	358,924	70,000	June. 2019	See Detailed Report
Growth & Infrastructure	Roads	Creighton Road	2,007	444,894	442,888	-	2019-Oct	In progress
Growth & Infrastructure	Roads	Crescent Avenue	449,693	452,008	2,315	2,315	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	CWWWF - Edward Avenue - Culvert	174,397	175,271	874	874	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Manninen Road - Culvert	98,413	99,287	874	874	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Mikkola Road - Culvert	100,884	101,758	874	874	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - MR55 - Culvert	1,100,202	1,111,165	10,963	10,963	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Nickel Basin-McKenzie Crk Culv	227,677	231,172	3,495	3,495	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Seguin Street - Culvert	194,891	196,639	1,748	1,748	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Stormwater Asset Mgmt Plan	283,048	395,861	112,813	-	August 2019	Study is substantially complete with final documents expected. To be reviewed in August for any available surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Tilton Lake Road - Culvert	189,505	192,126	2,621	2,621	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Westmount Ave - Culvert	566,984	569,114	2,131	2,131	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	CWWWF - Yorkshire Dr - Culvert	239,339	241,087	1,748	1,748	Complete	Complete - Review of grant funding to occur in Q2 2019 to determine the appropriate surplus to be moved to the Holding Account.
Growth & Infrastructure	Roads	Cycling Infrastructure	95,914	1,922,543	1,826,629	-	2020	Design of the Paris-Notre Dame Bikeway is ongoing and expected to be completed by Oct. 2019. Balance of funding will be used to fund first phase of the project.
Growth & Infrastructure	Roads	Cycling Infrastructure	70,012	1,221,960	1,151,949	-	2020	Funding will be used to construct the first phase of the Paris-Notre Dame Bikeway.
Growth & Infrastructure	Roads	Danforth Avenue	601,947	770,000	168,053	168,053	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Depot Yard Cleanup	35,616	250,000	214,384	-	2019-Dec	Ongoing depot yard work to be completed
Growth & Infrastructure	Roads	Dominion Drive	58	3,357,564	3,357,507	-	2019-Nov	See Detailed Report
Growth & Infrastructure	Roads	Downtown BIA Streetlights	200,596	466,667	266,071	-	Ongoing	Funding is split 50/50 between City and Downtown BIA and is used as streetlight projects are identified by the Downtown BIA.

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Growth & Infrastructure	Roads	Elgin Street Greenway	765,415	1,234,000	468,585	-	Unknown	Additional funding and direction is required to advance project as federal/provincial government grants have not been approved.
Growth & Infrastructure	Roads	Elm St - Ethelbert	22	1,925,000	1,924,978	-	2019-Nov	Tender for construction in March
Growth & Infrastructure	Roads	Facility Rationalization - Study Cost	224,639	250,000	25,361	15,571	December 2019	Remaining change order to be completed for the Project Management for the Water/Wastewater accommodations.
Growth & Infrastructure	Roads	Field Street	323,266	325,834	2,568	2,568	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Frobisher Yard	288,006	320,612	32,605	-	2019-Dec	Ongoing depot yard work to be completed
Growth & Infrastructure	Roads	Future Roads Projects	85,883	1,228,719	1,142,837	-	2019-Dec	Various design for future projects.
Growth & Infrastructure	Roads	Future Roads Projects	124,760	128,586	3,826	3,826	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Future Roads Projects	165,020	166,963	1,943	1,943	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Future Roads Projects	243,123	244,189	1,066	1,066	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Future Roads Projects	55,304	55,887	583	583	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Ghandi Lane	405,609	675,000	269,391	-	2019-Oct	In progress
Growth & Infrastructure	Roads	GIS/Maintenance Mgmt Sys	-	100,000	100,000	-	2019-Dec	Updates to be completed in 2019
Growth & Infrastructure	Roads	GIS/Maintenance Mgmt Sys	-	85,187	85,187	-	2019-Dec	Updates to be completed in 2019
Growth & Infrastructure	Roads	GIS/Maintenance Mgmt Sys	7,178	75,000	67,822	-	2019-Dec	Updates to be completed in 2019
Growth & Infrastructure	Roads	Glendale Court	127,969	130,000	2,031	2,031	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Gregg Lane	88,726	90,000	1,274	1,274	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Guide Rail Installations	223,491	227,813	4,322	4,322	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Gutcher Ave	485,432	486,691	1,259	1,259	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Hesta Street	253,617	253,791	174	174	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Intelligent Transportation Sys	54,831	64,000	9,169	-	June 2019	Study will be finalized in 2019
Growth & Infrastructure	Roads	Junction Crk Bridge Kelly Lk Rd	-	250,000	250,000	-	2020-Q3	In progress, work to be completed with Kelly Lk Rd, Lorne to Bridge
Growth & Infrastructure	Roads	Kelly Lake Rd-Lorne to Bridge	1,832,947	2,377,984	545,037	-	2020-Q3	In progress, coordination with Rail Company required
Growth & Infrastructure	Roads	Kingsway Land Acquisition	2,880,326	3,063,014	182,687	-	2025	See Detailed Report
Growth & Infrastructure	Roads	Kingsway Sidewalk	2,402,460	2,700,000	297,540	-	2020-Q2	Phase I construction to be completed and Phase II design to be completed.
Growth & Infrastructure	Roads	Lamothe Street	136,341	142,901	6,560	6,560	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Leonard Street	208,672	300,000	91,328	91,328	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Leslie Street	480,432	653,425	172,993	-	2019-Oct	Restoration and asphalt rehab to be complete.

# Appendix A - Capital Projects Status Update as at December 31, 2018

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Growth & Infrastructure	Roads	Lillian Street	264,463	285,000	20,537	20,537	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Loach's Road	72	190,000	189,928	-	2019-Oct	In progress
Growth & Infrastructure	Roads	Lorne St / MR55 - Design	-	9,587,059	9,587,059	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Lorne Street	4,892,892	5,509,683	616,791	-	2019-August	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Maley Drive Pre-Engineering	5,989,135	8,334,697	2,345,562	-	2020-Q3	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Maley Drive Project Costs	47,498,383	77,851,249	30,352,866	-	2020-Q3	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Marier Street	320,206	326,896	6,690	6,690	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Mary Street (Sudbury)	355	300,000	299,645	-	2019-Oct	In progress
Growth & Infrastructure	Roads	McAllister Avenue	17	320,000	319,983	-	2019-Oct	In progress
Growth & Infrastructure	Roads	MMMS	-	75,000	75,000	-	2019-Dec	Updates to be completed in 2019
Growth & Infrastructure	Roads	Montrose	1,210,790	1,520,000	309,210	-	Unknown	The Dalron Montrose cost sharing application was approved by Council in August of 2017. The construction drawings are complete and MECP ECA approval has been granted - construction could commence as early as this construction season for the remainder of this road section.
Growth & Infrastructure	Roads	MR 35	1,201,621	38,689,447	37,487,826	-	2021-Q4	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	MR 84 Capreol Lk to Suez Dr	1,921,350	1,940,978	19,628	19,628	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	MR 89 Skead Rd to Rix St	1,032,022	2,500,000	1,467,978	-	2021-Q4	First phase of construction complete in 2014. Second phase includes a roundabout design to be completed in 2019.
Growth & Infrastructure	Roads	MR15 Belisle to Martin	2,431,504	4,350,000	1,918,496	1,100,000	2019-August	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	MR55 to McCharles LkRd 1.75kmW	1,996,757	2,065,000	68,243	68,243	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	New Streetlights	26,517	87,018	60,501	-	Ongoing	New street lights are installed following the street lighting policy. Additional street lights will be installed in 2019.
Growth & Infrastructure	Roads	Northway Avenue	70,256	75,808	5,552	5,552	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Pavement Management	85,136	217,709	132,573	-	Q2 2020	Data collection is expected to be completed in 2019.
Growth & Infrastructure	Roads	Power Street	396,103	396,393	289	289	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Property Acquisition	9,277	374,983	365,706	-	2019-Dec	In progress, property purchases are ongoing
Growth & Infrastructure	Roads	Property Acquisition	987,939	991,854	3,914	3,914	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Public Works Depot Remediation	-	5,004,584	5,004,584	-	2025	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Railway Crossing Improvements	13,483	370,000	356,517	-	2019-Dec	To be used for ongoing railway crossing improvements in conjunction the budgeted funds for Railway Crossing Improvements in the 2019 Capital Budget.
Growth & Infrastructure	Roads	Railway Crossing Improvements	-	250,000	250,000	-	2019-Oct	To be used for ongoing railway crossing improvements in conjunction the budgeted funds for Railway Crossing Improvements in the 2019 Capital Budget.
Growth & Infrastructure	Roads	Railway Crossing Improvements	878,808	890,013	11,205	-	2019-Dec	To be used for ongoing railway crossing improvements in conjunction the budgeted funds for Railway Crossing Improvements in the 2019 Capital Budget.

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Growth & Infrastructure	Roads	Repairs & Maintenance	7,418	29,000	21,582	-	ONGOING	These funds provided by developers for additional maintenance issues.
Growth & Infrastructure	Roads	Rita Street	2,035	170,000	167,965	-	2020-Q3	In progress, coordination with school board continues
Growth & Infrastructure	Roads	Roads Contingency	761,858	834,582	72,724	-	February 2019	Funds spent in Q1 2019.
Growth & Infrastructure	Roads	Roads Contingency	266,332	280,138	13,806	-	2019-Dec	Remaining budget is for outstanding purchase orders at year end.
Growth & Infrastructure	Roads	Roads Contingency	762,990	762,957	(33)	(33)	Complete	Deficit is offset by a credit in Q1 2019.
Growth & Infrastructure	Roads	Rockfall Program	18,871	500,000	481,129	-	Ongoing	Rockfall removal program is ongoing. Additional locations will be reviewed with potential rock removal to be identified.
Growth & Infrastructure	Roads	Roger Street	-	40,000	40,000	40,000	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Second Avenue (Coniston)	582,143	885,000	302,857	302,857	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Second Avenue (Sudbury)	6,193,305	6,417,987	224,681	224,681	Complete	See Detailed Report
Growth & Infrastructure	Roads	Sidewalk/Curb	152,371	400,000	247,629	-	2019-Oct	To be used for ongoing sidewalk and curb upgrades conjunction the budgeted funds for New Sidewalk Construction & Repair in the 2019 Capital Budget.
Growth & Infrastructure	Roads	Sidewalk/Curb	484,029	511,332	27,303	-	2019-Oct	To be used for ongoing sidewalk and curb upgrades conjunction the budgeted funds for New Sidewalk Construction & Repair in the 2019 Capital Budget.
Growth & Infrastructure	Roads	Silver Hills Phase 2	-	6,658,351	6,658,351	-	UNKNOWN	See Detailed Report
Growth & Infrastructure	Roads	Skead Rd.	3,017,136	3,243,646	226,510	226,510	Complete	See Detailed Report
Growth & Infrastructure	Roads	St Nicholas	493,655	499,829	6,174	6,174	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Strathmere Court	157,259	225,000	67,741	67,741	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Streetlighting Upgrades	91,288	241,830	150,543	-	Ongoing	Funding is used to make incremental improvements to the street lighting network
Growth & Infrastructure	Roads	Streetlighting Upgrades	439,719	441,252	1,533	-	March 2019	Remaining budget will be spent
Growth & Infrastructure	Roads	Surface Treatment	1,126,464	2,245,000	1,118,536	-	2019-Oct	To be used for various surface treatment work in 2019.
Growth & Infrastructure	Roads	Surface Treatment	1,401,298	1,403,623	2,325	2,325	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Surveys and Land Transfers	1,791	100,000	98,209	-	ONGOING	Funds used for miscellaneous real estate requirements.
Growth & Infrastructure	Roads	Talon Street	128,158	129,990	1,831	1,831	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Tarneaud Street	214,486	322,520	108,034	-	2019-July	Restoration and surface asphalt to be complete.
Growth & Infrastructure	Roads	Traffic Calming	-	175,000	175,000	-	Ongoing	Two projects were initiated in 2018 but rejected by residents. A new project will be initiated in 2019.
Growth & Infrastructure	Roads	Traffic System Improvements	194,471	579,583	385,112	-	Ongoing	Funding is used to make incremental improvements to the entire traffic signal system.
Growth & Infrastructure	Roads	Traffic System Improvements	263,517	280,308	16,790	-	Ongoing	Funding is used to make incremental improvements to the entire traffic signal system.
Growth & Infrastructure	Roads	Transportation Demand Mgmt Program	417	25,000	24,583	-	2019	Funding is being used implement small projects. These projects are ongoing.
Growth & Infrastructure	Roads	Travel Demand Mgmt Study	56,732	72,032	15,299	15,299	Complete	Study is completed.

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Growth & Infrastructure	Roads	Trembley Street	143,957	145,178	1,221	1,221	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Various Bridge Repairs	584,563	587,157	2,594	2,594	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Growth & Infrastructure	Roads	Various Subdivisions-Asphalt	256,614	1,000,000	743,386	-	2019-Oct	In progress and majority of remaining budget is developer deposits received for surface asphalt on new subdivision roads.
Growth & Infrastructure	Roads	Various Subdivisions-Asphalt	868,626	994,215	125,589	-	2019-Oct	In progress and majority of remaining budget is developer deposits received for surface asphalt on new subdivision roads.
Growth & Infrastructure	Roads	Westmount Avenue	605,863	607,036	1,173	1,173	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
<b>Growth &amp; Infrastructure Total</b>			<b>166,149,966</b>	<b>323,600,081</b>	<b>157,450,116</b>	<b>3,801,771</b>		
Wastewater	Wastewater Linear	Access Road	678,641	680,963	2,323	2,323	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	Algonquin Sewer	1,148,212	1,163,060	14,847	14,847	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	Algonquin Sewer	129,495	137,781	8,286	8,286	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	Attlee - Gemmell to Lasalle	-	200,000	200,000	-	December 2019	Sanitary sewer mains were lined in 2017. No work occurred on sewer laterals or structures. Additional work will be determined during detailed design and completed during the 2019 Road Resurfacing contract using this account.
Wastewater	Wastewater Linear	Automatic Vehicle Locator	364,180	437,986	73,806	-	December 2020	Expecting to spend \$50,000 in 2019, balance to be used in 2020
Wastewater	Wastewater Linear	Avalon Road	36,435	74,759	38,324	38,324	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	BarryDowne Westmount-Kingsway	14,781	170,000	155,219	-	December 2021	To be used during road construction project in 2021.
Wastewater	Wastewater Linear	Bridges & Culvert - Water mains	643	100,643	100,000	-	December 2019	Use for Allen Street Bridge Construction (Sanitary Sewers) in 2019 (ENG 19-63)
Wastewater	Wastewater Linear	Charette Ave Sewer Replacement	-	25,000	25,000	-	December 2019	Detailed design to be completed in 2019. Procured by Request For Quotes or Standing Offer.
Wastewater	Wastewater Linear	Collection Health & Safety	-	25,000	25,000	-	December 2019	To purchase Health and Safety equipment as needed
Wastewater	Wastewater Linear	Collection Health & Safety	64,696	85,925	21,229	-	December 2019	To purchase Health and Safety equipment as needed
Wastewater	Wastewater Linear	Collection Support	-	300,000	300,000	-	December 2019	Funding for unforeseen, emergency operational requirements
Wastewater	Wastewater Linear	Combined Sewer Separation	-	50,000	50,000	-	December 2019	To fund the separation of the combined sewer on Tudor Court in 2019 (ENG 19-4)
Wastewater	Wastewater Linear	Community Spills Mgmt	-	30,000	30,000	-	December 2020	Expect to spend \$30,000 in 2019 and 2020



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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Wastewater	Wastewater Linear	Consulting Fees	-	250,000	250,000	-	December 2019	Funds to be utilized in 2019 for consultant work retained via Standing Offer or RFP, for projects where specific design / contract administration funds are not available. Also may be used to cover any overages in existing consultant PO's.
Wastewater	Wastewater Linear	CWWWF - 1st Ave-Balsam-Allan-Coniston	512,313	533,162	20,849	-	2019	Substantially complete, maintaining balance for minor deficiencies.
Wastewater	Wastewater Linear	CWWWF - Spruce St-Regent to Travers St	689,553	911,516	221,962	-	2019	Substantially complete, maintaining balance for minor deficiencies.
Wastewater	Wastewater Linear	CWWWF - Strathmere - Wastewater Lining	90,155	100,000	9,845	9,845	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Wastewater	Wastewater Linear	CWWWF - York Street-Wastewater Lining	100,867	107,234	6,367	6,367	Complete	Capital project complete as at December 31, 2018 and remaining budget will be transferred to the Holding Account in Q2 2019.
Wastewater	Wastewater Linear	Depot Needs Study	27,534	27,628	94	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	Elm St-MacLachlan to Big Nckl	22,925	65,000	42,075	-	December 2019	Sanitary sewer mains were lined in 2017. No work occurred on sewer laterals or structures. Additional work will be determined during detailed design and completed during the 2019 Road Resurfacing contract (ENG 19-17).
Wastewater	Wastewater Linear	FairburnSt-BarrydownetoEastEnd	-	95,000	95,000	-	December 2019	To be constructed in 2019 (ENG 19-6)
Wastewater	Wastewater Linear	Frobisher Depot Upgrades	-	10,000	10,000	-	Complete	Capital project is complete as of Dec 31, 2018 and will be closed following the revised Capital budget Policy during Q2 2019.
Wastewater	Wastewater Linear	Gatchell Outfall Sewer - Construction Costs	261,181	6,000,000	5,738,819	-	December 2021	See See Detailed Report
Wastewater	Wastewater Linear	Gatchell Outfall Sewer - Environmental Assessment	168,658	168,658	-	-	Complete	See See Detailed Report
Wastewater	Wastewater Linear	Gatchell Outfall Sewer - Geotech Analysis	445,003	445,003	-	-	Complete	See See Detailed Report
Wastewater	Wastewater Linear	Gatchell Outfall Sewer - Project Design	904,213	2,357,923	1,453,710	-	December 2021	See See Detailed Report
Wastewater	Wastewater Linear	GIS/Mtce Management Systems	-	110,060	110,060	-	December 2019	To be used for WWW linear Asset Management software purchase and programming in 2019.
Wastewater	Wastewater Linear	I & I Annual Assessment	-	100,627	100,627	-	December 2019	Implementation in 2019. Included in Scope of Work for WWW Task Force staff, currently being hired.
Wastewater	Wastewater Linear	I & I Annual Assessment	329,211	405,455	76,243	-	December 2019	Implementation in 2019. Included in Scope of Work for WWW Task Force staff, currently being hired.
Wastewater	Wastewater Linear	Lamothe Street	95,433	101,993	6,560	6,560	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	Leslie Street	69,725	89,449	19,724	19,724	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	Lively Sewer System Upgrades	2,737,418	3,702,800	965,382	-	December 2022	See Detailed Report
Wastewater	Wastewater Linear	Lively Sewer System Upgrades	367,896	750,000	382,104	-	December 2019	Detailed Design for Ph 1 was completed in 2018. Ph2 to be completed in 2019.
Wastewater	Wastewater Linear	Loach's Lining -Eden to Aspen.	-	100,000	100,000	-	December 2019	Sanitary sewer mains were lined in 2017. No work occurred on sewer laterals or structures. Additional work will be determined during detailed design and completed during the 2019 Road Resurfacing contract.

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Wastewater	Wastewater Linear	Lorne St / MR55 - Design	-	405,000	405,000	-	December 2019	Detailed design underway to be completed in 2019. All CCTV work on the sanitary sewers as well as any other WW related design work will be charged to this account.
Wastewater	Wastewater Linear	Lorne Street	312,468	880,000	567,532	-	December 2021	To be used during future road construction projects on Lorne Street.
Wastewater	Wastewater Linear	Maki Upgrades - Design	-	125,000	125,000	-	December 2019	Detailed design to be awarded to consultant through standing offer in 2019.
Wastewater	Wastewater Linear	Master Plan Program	-	665,776	665,776	-	December 2020	Funds for Water / Wastewater Task Force 2019 / 2020 Program.
Wastewater	Wastewater Linear	McAllister Avenue	-	100,000	100,000	-	December 2019	Sanitary sewer mains were lined in 2017. No work occurred on sewer laterals or structures. Additional work will be determined during detailed design and completed during the 2019 Road Resurfacing contract.
Wastewater	Wastewater Linear	Melvin - Kathleen to Mable	-	125,000	125,000	-	December 2019	Sanitary sewer mains were lined in 2017. No work occurred on sewer laterals or structures. Additional work will be determined during detailed design and completed during the 2019 Road Resurfacing contract.
Wastewater	Wastewater Linear	Operating Manuals	3,455	564,095	560,640	-	December 2023	Funds to be utilized in 2019 to obtain infrastructure data and develop resulting as-built drawings and provide data to Enterprise GIS database. Funds to be used for staff in Engineering to complete the surveys and drafting, in conjunction with Roads Business Case for As-Built Drawing and GIS Data, 2019. These funds are earmarked for the GIS database project and As-Built Drawing Review as per Capital Project Details on Page 296 of 2019 Budget, for the Water Wastewater portion of the costs. Project is to be renamed once the capital budget is approved.
Wastewater	Wastewater Linear	Preliminary Design	109,504	177,128	67,624	-	December 2019	Preliminary design funds for future capital projects, including engineering, geotech, surveys, CCTV etc.
Wastewater	Wastewater Linear	Preventative Plumbing	277,607	644,256	366,649	-	December 2021	Released \$50,000 in 2018, expect claims to be \$100,000 in each of 2019, 2020, and 2021
Wastewater	Wastewater Linear	QA/QC Testing - Linear Works	-	100,000	100,000	-	December 2019	Funds to be utilized in 2019 for QA / QC testing as required for various construction contracts.
Wastewater	Wastewater Linear	Rita Street	-	65,000	65,000	-	December 2019	Construction in 2019, pending property issues resolution with School Board.
Wastewater	Wastewater Linear	Rock Tunnel Inspection	58,211	169,146	110,935	-	December 2019	Costs for maintenance and repair on the sanitary sewer rock tunnel.
Wastewater	Wastewater Linear	Safety Grate on Sanitary Main	-	30,000	30,000	-	December 2019	Currently in detailed design with Sanitary Lateral Replacement. To be procured by RFQ in Q2 2019.
Wastewater	Wastewater Linear	Sanitary Sewer Laterals Rehab	-	100,000	100,000	-	December 2019	Lining or repair to sewer laterals various locations
Wastewater	Wastewater Linear	Sewer & Watermain Contingency	-	188,831	188,831	-	December 2019	In progress. To be used to fund sanitary sewer construction to accommodate watermain or roads priority projects, various locations.
Wastewater	Wastewater Linear	Sewer Annual Rehabilitation	1,527,609	2,398,139	870,530	-	December 2019	Sewermain lining projects using trenchless technologies at various locations
Wastewater	Wastewater Linear	Sewer Annual Rehabilitation	1,203,999	1,425,000	221,001	-	October 2019	Sewermain lining projects using trenchless technologies at various locations
Wastewater	Wastewater Linear	Sewer Annual Rehabilitation	82,368	100,000	17,632	-	December 2019	Sewer lining projects using trenchless technologies at various locations
Wastewater	Wastewater Linear	Sewer Inspection Program	-	600,000	600,000	-	December 2019	Ongoing sewer condition assessment program to align with the Asset Management Plan.
Wastewater	Wastewater Linear	Sewer Inspection Program	349,987	500,000	150,013	-	December 2019	Funding for ongoing sanitary sewer assessment program to align with Asset Management Plan.

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Wastewater	Wastewater Linear	Sewer System Annual Repairs	75,667	847,263	771,596	-	December 2019	Sewermain lining projects using trenchless technologies at various locations
Wastewater	Wastewater Linear	Sewer System Annual Repairs	1,413,621	1,504,762	91,141	-	October 2019	Expect balance of funds to be spent in 2019 as part of overall lining program
Wastewater	Wastewater Linear	Sewer System Annual Repairs	95,800	100,000	4,200	-	October 2019	Expect balance of funds to be spent in 2019 as part of overall lining program
Wastewater	Wastewater Linear	System Improvements	-	441,886	441,886	-	December 2020	To be used as required in accordance with the City's Cost Sharing Policy.
Wastewater	Wastewater Linear	Tarneau Street	64,978	83,855	18,877	18,877	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Linear	Trench Rescue Training	-	50,000	50,000	-	December 2020	To be scheduled by Fire Department as part of their training schedule.
Wastewater	Wastewater Plants	Annual Condition Assessment	-	50,000	50,000	-	2019	To be used as part of Asset Management Plan, specifically for facilities
Wastewater	Wastewater Plants	Asset Management Plan	-	100,000	100,000	-	2019	Implementation of asset management in 2019.
Wastewater	Wastewater Plants	Asset Management Software	-	50,000	50,000	-	2019	Implementation of asset management in 2019.
Wastewater	Wastewater Plants	Azilda WWTP - Construction Costs	1,253	434,122	432,869	-	2019	To be used this year to repair the damage caused by fire and related upgrades.
Wastewater	Wastewater Plants	Azilda WWTP - Environmental Assessment	423,713	478,033	54,321	-	2019	EA near completion
Wastewater	Wastewater Plants	Azilda WWTP - Process/Eqpt Upgrades	353,771	372,246	18,475	-	2019	Project near completion
Wastewater	Wastewater Plants	Belanger Lift Station	11,499	225,000	213,501	-	2020	To be started in 2019.
Wastewater	Wastewater Plants	Capreol Lagoon	87,001	110,882	23,880	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Plants	Charles St LS - Environmental Assessment	127,207	127,207	-	-	Complete	See Detailed Report
Wastewater	Wastewater Plants	Charles St LS - Lift Station Upgrades	762,532	8,959,639	8,197,107	-	2021	See Detailed Report
Wastewater	Wastewater Plants	Charles St LS - Project Design	329,861	975,000	645,139	-	2019	See Detailed Report
Wastewater	Wastewater Plants	Chelmsford Lagoon	-	100,000	100,000	-	2019	Audit and asset assessment complete. Implementation 2019.
Wastewater	Wastewater Plants	Chelmsford WWTP Upgrades	1,866,944	2,209,394	342,449	-	2019	Project underway, expect completion in 2019.
Wastewater	Wastewater Plants	Communication/SCADA Upgrades	26,710	213,497	186,787	-	2020	Ongoing project, phased in over 2019 and 2020.
Wastewater	Wastewater Plants	Communication/SCADA Upgrades	174,174	270,000	95,826	-	2020	Continuous program to upgrade technology in plants and LS
Wastewater	Wastewater Plants	Condition Assessment	5,135	150,000	144,865	-	2019	Monitoring and assessment of various WWTP
Wastewater	Wastewater Plants	Copper Cliff WW System	8,570,458	10,000,000	1,429,542	-	2019	See See Detailed Report
Wastewater	Wastewater Plants	Dowling WWTP	41,374	60,494	19,120	9,623	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Plants	Effluent System	60,525	108,791	48,266	-	2019	To be completed in 2019
Wastewater	Wastewater Plants	Facilities Design Manual	-	95,000	95,000	-	2020	To be started in 2019
Wastewater	Wastewater Plants	Fencing - All Facilities	7,571	37,376	29,805	-	2020	Consultant developed security assessment needs and specifications. Implementation to be started in 2019
Wastewater	Wastewater Plants	Garson Lagoon	425,593	486,293	60,700	-	2019	Audit and asset assessment complete. Implementation 2019.
Wastewater	Wastewater Plants	Generator TSSA Upgrades	1,050,783	1,432,600	381,817	-	2019	Project to be completed in 2019.
Wastewater	Wastewater Plants	Health and Safety Upgrades	-	50,000	50,000	-	2019	DSS completed. Remediation to start in 2019.
Wastewater	Wastewater Plants	Health and Safety Upgrades	197,447	239,437	41,991	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Plants	Health and Safety Upgrades	1,338	33,831	32,492	-	2019	DSS completed. Remediation to start in 2019.
Wastewater	Wastewater Plants	Infrastructure Master Plan	1,308,996	1,408,996	100,000	-	December 2019	To be utilized for hydraulic analysis modelling by consultant.

# Appendix A - Capital Projects Status Update as at December 31, 2018

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Wastewater	Wastewater Plants	Jacob St Lift Station Upgrades	1,099,170	1,102,330	3,159	-	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Plants	Lagoon Upgrades	-	100,000	100,000	-	2019	Audit and asset assessment complete. Implementation 2019
Wastewater	Wastewater Plants	Lagoon Upgrades	-	89,118	89,118	-	2019	Audit and asset assessment complete. Implementation 2019
Wastewater	Wastewater Plants	Lesvesque LS Pumps Section 391	-	200,000	200,000	-	2020	Environment Assessment and detail design is underway. Expected to complete the project construction by 2020. Needs to be completed for KED project.
Wastewater	Wastewater Plants	Levesque LS Upgrades Section 391	19,390	800,000	780,610	-	2020	Environment Assessment and detail design is underway. Expected to complete the project construction by 2020. Needs to be completed for Kingsway Entertainment District (KED) project.
Wastewater	Wastewater Plants	Levesque Sewer Section 391	531,119	535,000	3,881	-	2020	Environment Assessment and detail design is underway. Hoping to complete the project construction by 2020. Needs to be completed for KED.
Wastewater	Wastewater Plants	Lift Station Upgrades	321,582	2,061,390	1,739,807	-	2019	Laurier Lift Station project under construction
Wastewater	Wastewater Plants	Lift Station Upgrades	291,950	423,684	131,734	-	2020	Upgrades at the more than 69 lift stations
Wastewater	Wastewater Plants	Lift Station Upgrades	573,844	608,014	34,170	-	2019	Upgrades at the various 69 lift stations
Wastewater	Wastewater Plants	Lift Stn Upgrades/Standby Power	117,050	900,000	782,950	-	2020	Upgrades at various 69 lift stations
Wastewater	Wastewater Plants	Lively WWTP Upgrades	37,142	699,368	662,226	-	2020	Upgrades to Lively WWTP to maintain safe operation
Wastewater	Wastewater Plants	Meatbird Transfer Station	169,145	375,967	206,821	-	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Plants	Misc Plant Repairs	28,141	100,000	71,859	-	2020	Repairs and equipment placement at various sewage plants
Wastewater	Wastewater Plants	Misc Plant Repairs	143,200	164,529	21,329	21,329	Complete	Capital project is complete as of Dec 31, 2018 and will be closed following the revised Capital budget Policy during Q2 2019.
Wastewater	Wastewater Plants	Miscellaneous Plant Repairs	316,259	450,000	133,741	-	2020	Ongoing. To be used for emergency work to keep plant operating
Wastewater	Wastewater Plants	Operating Manuals	-	328,263	328,263	-	2019	Templates are under development. To be used in 2019
Wastewater	Wastewater Plants	Operating Manuals	-	50,000	50,000	-	2019	Regular update of plant operating manuals
Wastewater	Wastewater Plants	Operating Manuals	12,581	17,800	5,219	870	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Plants	Operational Optimization	58	70,058	70,000	70,000	Complete	Capital project is complete as of Dec 31, 2018 and will be closed following the revised Capital budget Policy during Q2 2019.
Wastewater	Wastewater Plants	Plant Process Energy Optimization	23,306	115,000	91,694	-	2019	To be used for upgrading aeration system
Wastewater	Wastewater Plants	Plant Repairs & Equipment Rplm	88,094	403,824	315,730	-	2019	Repairs and equipment placement at various sewage plants
Wastewater	Wastewater Plants	Procedural Manual W WW	11,783	51,071	39,288	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Wastewater	Wastewater Plants	Roofing and Fencing	-	50,000	50,000	-	2019	Consultant developed security assessment needs and specifications. Implementation to be started in 2019

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Wastewater	Wastewater Plants	Roofing and Fencing	-	30,000	30,000	-	2019	Consultant developed security assessment needs and specifications. Implementation to be started in 2019
Wastewater	Wastewater Plants	Roofing and Fencing	85,793	100,000	14,207	-	Dec-19	Consultant developed security assessment needs and specifications. Implementation to be started in 2019
Wastewater	Wastewater Plants	SCADA Upgrades	25,440	270,000	244,560	-	2020	Continuous program to upgrade technology in plants and lift stations.
Wastewater	Wastewater Plants	SCADA Upgrades	255,532	301,651	46,119	-	2020	Continuous program to upgrade technology in plants and lift stations.
Wastewater	Wastewater Plants	Security Improvements	51,096	233,193	182,097	-	2020	Work to be phased in over 2 years.
Wastewater	Wastewater Plants	Security Improvements	-	62,500	62,500	-	2019	Consultant developed security assessment needs and specifications. Implementation to be started in 2019
Wastewater	Wastewater Plants	Sherwood Forcemain Section 391	-	170,000	170,000	-	2020	Starting this year for the design and Contract Administration once the standing offer is in place in April or may 2019. Remaining budget includes \$85K of Section 391 Charges to be received.
Wastewater	Wastewater Plants	Sherwood Lift Station Section 391	-	1,000,000	1,000,000	-	2020	Starting this year for the design and contract administration once the standing offer is in place in April/May 2019. Remaining budget includes \$925K of Section 391 Charges to be received.
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Effluent System	444,115	451,209	7,094	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Equipment Upgrades	759,659	759,659	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Headhouse Upgrades Consultant	1,730,027	1,798,263	68,236	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Headhouse Upgrades Contract	11,466,486	11,466,486	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Odour Control Consultant	17,111	88,894	71,783	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Odour Control Contract	1,337,461	1,337,461	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Odour Control Equipment	816,831	817,974	1,143	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 2 - Ultimate Plant Expansion	70,195	75,150	4,955	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 3 - Blower Upgrades	13,804	540,126	526,322	-	2019	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 3 - Misc Plant Repairs	124,949	124,949	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 3 - Parking Lot Upgrades	-	70,000	70,000	-	2019	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP Ph 3 - Standby Power/Parking Lot	50,164	5,750,000	5,699,836	-	2020	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Sudbury WWTP-Compliance Audit	28,025	150,000	121,975	-	2020	To be completed in 2019
Wastewater	Wastewater Plants	Sudbury WWTP-Equip Upgrades	56,276	100,000	43,724	-	2020	Minor project near completion
Wastewater	Wastewater Plants	Upgrade Primary Lagoons	-	400,000	400,000	-	2019/2020	Audit and asset assessment complete. Implementation 2019. Letter sent by MOE. Funds to be used for Capreol Lagoon.
Wastewater	Wastewater Plants	Upgrade Primary Lagoons	47,946	100,000	52,054	-	2019	Audit and asset assessment complete. Implementation 2019
Wastewater	Wastewater Plants	Valley East WWTP - Upgrade Insp	67,860	900,000	832,140	-	Summer 2019 for phase 1 and 2020 for phase 2	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Valley East WWTP - Capital Needs Study	130,353	197,744	67,391	-	Summer 2019 for phase 1 and 2020 for phase 2	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Valley East WWTP - Concrete Rehab	37,906	200,000	162,094	-	Summer 2019 for phase 1 and 2020 for phase 2	<a href="#">See Detailed Report</a>

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Wastewater	Wastewater Plants	Valley East WWTP - Dechlorination - Consultant Costs	267,689	267,689	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Valley East WWTP - Dechlorination - Contract Costs	271,948	2,046,003	1,774,054	-	Summer 2019 for phase 1 and 2020 for phase 2	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Valley East WWTP - Process/Eqpt Upgrades	154,291	154,291	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Valley East WWTP - Upgrades	151,763	450,000	298,237	-	Summer 2019 for phase 1 and 2020 for phase 2	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Wahnapiatae Lagoon	-	150,000	150,000	-	2019	Audit and asset assessment complete. Implementation 2019
Wastewater	Wastewater Plants	Wahnapiatae Lagoon	22,387	25,000	2,613	2,613	Complete	Capital project is complete as of Dec 31, 2018 and will be closed following the revised Capital budget policy in Q2 2019.
Wastewater	Wastewater Plants	Walden WWTP - Clarifier Repairs - Consultant Costs	99,510	99,510	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Walden WWTP - Clarifier Repairs - Contract Costs	1,143,199	1,143,199	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Walden WWTP - Process/Eqpt Upgrades - Consultant Costs	12,473	3,750,000	3,737,527	-	2020	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Walden WWTP - Process/Eqpt Upgrades - Contract Costs	57,592	57,592	-	-	Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Walden WWTP - Upgrades	3,800	946,485	942,685	-	2020	<a href="#">See Detailed Report</a>
<b>Wastewater Total</b>			<b>54,253,825</b>	<b>107,361,041</b>	<b>53,107,216</b>	<b>229,588</b>		
Water	Water Linear	Allan Street Bridge	2,422	70,000	67,578	-	December 2019	Current PO to be used for detailed design of watermain casing under the Allen Street Bridge. Remaining funds to be used for construction of casing in 2019 (ENG 19-63).
Water	Water Linear	AMR Water Meters	119	3,501,111	3,500,992	-	March 2022	<a href="#">See Detailed Report</a>
Water	Water Linear	AMR Water Meters	96,522	500,000	403,478	-	March 2022	<a href="#">See Detailed Report</a>
Water	Water Linear	Annual Condition Assessment	-	100,000	100,000	-	December 2019	Condition report on watermain to inform the asset management capital project prioritization.
Water	Water Linear	Auger Avenue	-	500,771	500,771	-	December 2019	Work to be completed in 2019
Water	Water Linear	Avalon Road	278,921	346,732	67,811	67,811	Complete	Water portion of capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Backflow Prevention	-	20,000	20,000	-	December 2020	Funds to purchases software, materials, equipment, educational materials and training to support the administration and enforcement of the City of Greater Sudbury By-Law 2017-217. These funds will be needed in 2019 to buy software.
Water	Water Linear	BarryDowne Westmount-Kingsway	599	1,628,841	1,628,242	-	December 2020	Phase 1 watermain lining to be completed in 2019. Phase 2 watermain improvements / lining to be completed in 2020. Existing PO (ENG 18-11: Valve Installation, complete) to be paid in Q2.
Water	Water Linear	Beatrice Culvert - Watermain	48,310	132,661	84,351	-	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Bridges & Culvert - Watermains	86,042	91,478	5,436	5,436	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Concrete Pressure Pipe	-	225,000	225,000	-	December 2019	RFP for condition assessment of the Wanapitei trunk main in 2019 in alignment with WWW Asset Management and Master Plan recommendations

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Linear	Coniston Industrial Park	-	2,028,313	2,028,313	-	December 2020	2019 project approved by Council in design phase
Water	Water Linear	Coniston Seniors Housing WM	-	286,771	286,771	-	TBD	Water share of project set aside.
Water	Water Linear	Consultant Guidelines Manual	-	25,000	25,000	-	December 2020	Consultant retained to update manual.
Water	Water Linear	Consulting Fees	8,340	250,000	241,660	-	December 2019	Funds to be utilized in 2019 for Consultant work retained via Standing Offer or RFP, for projects where specific design / contract administration funds are not available. Also may be used to cover any overages in existing Consultant PO's.
Water	Water Linear	Creighton Road	378,633	550,000	171,367	-	December 2019	Watermain lining is complete. Remaining funds to be used for required watermain related work during the 2019 roads resurfacing project.
Water	Water Linear	CWWWF - 1st Ave-Balsam-Allan-Coniston	3,363,032	3,493,615	130,583	-	Complete	See Detailed Report
Water	Water Linear	CWWWF - Spruce St-Regent to Travers St	4,048,254	4,049,628	1,374	-	Complete	See Detailed Report
Water	Water Linear	Depot Needs Study	67,575	71,683	4,107	4,107	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Design - Future Projects	63,877	107,837	43,960	-	December 2019	Preliminary design funds for future capital projects, including engineering, geotech, surveys etc.
Water	Water Linear	Distribution Support	22,029	141,000	118,971	-	December 2019	Funding for unforeseen, emergency operational requirements
Water	Water Linear	Distribution Support	3,509	100,000	96,491	-	December 2019	Funding for unforeseen, emergency operational requirements
Water	Water Linear	Distribution Support	74,364	89,536	15,172	-	October 2019	Funding for unforeseen, emergency operational requirements.
Water	Water Linear	Distr'n Health and Safety Eqt	-	40,000	40,000	-	December 2019	To purchase Health and Safety equipment as needed.
Water	Water Linear	Distr'n Health and Safety Eqt	40,501	60,000	19,499	-	December 2019	To purchase Health and Safety equipment as needed.
Water	Water Linear	Distr'n Health and Safety Eqt	21,405	25,000	3,595	-	December 2019	to purchase H&S equipment as needed
Water	Water Linear	Dollard Avenue	432,949	442,617	9,667	9,667	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Douglas Street Bridge	173,997	220,000	46,003	-	December 2019	For construction in 2019 (ENG 19-66).
Water	Water Linear	Elgin Street	819,601	917,840	98,239	-	December 2020	Construction in 2020. Hold existing funds until 2020 and request additional funds in 2020 Capital Budget submission.
Water	Water Linear	Elm St-MacLachlan to Simcoe	550,594	801,364	250,770	-	December 2019	For construction of watermain with ENG 19-17 in 2019. Existing PO will be paid in Q2 2019.
Water	Water Linear	Elm Street (Sudbury)	-	110,770	110,770	-	December 2019	This has a current purchase order for watermain lining in 2018, which didn't occur due to field constraints. Work anticipated to be completed in 2019.
Water	Water Linear	FairburnSt-BarrydownetoEastEnd	-	615,000	615,000	-	December 2019	To be constructed in 2019 (ENG 19-6). The current purchase order will be paid and/or closed during Q2 2019.
Water	Water Linear	GIS/Mtce Management Systems	-	30,000	30,000	-	December 2019	To be used for WWW linear Asset Management software purchase and programming in 2019.
Water	Water Linear	GIS/Mtce Management Systems	-	25,000	25,000	-	December 2019	To be used for WWW linear Asset Management software purchase and programming in 2019.
Water	Water Linear	Kelly Lake Watermain	642,638	1,000,000	357,362	-	December 2019	ENG 17-1 - Contract underway, completion in 2019.
Water	Water Linear	Lamothe Street	140,180	146,938	6,759	6,759	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Large Water Meter Replacement	18,030	201,895	183,865	-	December 2019	Valve Chamber - KGHM

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Linear	Leak Detection Annual Program	-	345,269	345,269	-	December 2019	Used to purchase various leak detection equipment and/or contract services for leak detection in alignment with the WWW Asset Management and Master Plan recommendations.
Water	Water Linear	Leslie Street	205,329	206,250	922	922	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Lining Projects	76,293	100,000	23,707	-	September 2019	Ongoing work to supplement watermain lining program.
Water	Water Linear	Lining Projects	90,030	100,000	9,970	-	October 2019	Ongoing work to supplement watermain lining program.
Water	Water Linear	Lively-Backyard&SmallDiameter	-	220,000	220,000	-	December 2019	To be used for construction of the Ash Street Lively watermain project in 2019.
Water	Water Linear	Lorne St / MR55 - Design	-	875,000	875,000	501,093	December 2019	Detailed design underway to be completed in 2019. Surplus to be used for construction of watermain in the future roads contracts.
Water	Water Linear	Lorne Street	2,468,750	2,473,467	4,718	4,718	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	MacLachlan Street	151,248	152,125	877	877	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Maki Upgrades - Design	-	125,000	125,000	-	December 2019	Detailed design to be awarded to consultant through standing offer in 2019.
Water	Water Linear	Maley Drive Watermain	606,733	2,656,810	2,050,077	-	December 2019	ENG 18-35: Maley Drive Contract 3 - construction underway for completion in 2019.
Water	Water Linear	Maley Drive Watermain	271,567	280,672	9,104	9,104	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	MR 35	32,758	1,287,033	1,254,275	-	December 2021	To be constructed during the MR35 Contract 2, in 2020. Current PO for detailed design / CA.
Water	Water Linear	MR 35	-	863,000	863,000	-	December 2021	Detailed design underway. To be constructed during the MR35 Contract 2, in 2020.
Water	Water Linear	NotreDame (Azilda) - Watermain	90,626	100,000	9,374	9,374	Complete	Capital project is complete as of Dec 31, 2018 and will be closed following the revised Capital budget Policy during Q2 2019.
Water	Water Linear	Preliminary Design	48,707	158,875	110,168	-	December 2019	Preliminary design for future projects, including engineering, geotech and surveys.
Water	Water Linear	Preliminary Design	-	85,546	85,546	-	December 2019	Preliminary design for future projects, including engineering, geotech and surveys.
Water	Water Linear	Pressure Monitoring	273,470	279,955	6,485	6,485	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	QA/QC Testing - Linear Works	1,489	100,000	98,511	-	December 2019	Funds to be utilized in 2019 for QA / QC testing as required for various construction contracts.
Water	Water Linear	Rita Street Wilfred to Grace	599	205,000	204,401	-	December 2019	Construction in 2019, pending property issues resolution with School Board.
Water	Water Linear	Robin Culvert - Watermain	69,682	98,952	29,269	29,269	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.



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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Linear	Second Avenue (Coniston)	730,952	771,125	40,173	40,173	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Sentinel Well - Operation Costs	-	50,000	50,000	-	December 2019	Costs related to sampling/testing of sentinel groundwater monitoring wells within the Valley Water System
Water	Water Linear	St Nicholas	356,265	429,227	72,962	-	December 2019	To be constructed in 2019 with St. Brendan (ENG 19-1). Current PO to be paid in 2019 Q2.
Water	Water Linear	Strategic Planning-	12,211	75,000	62,789	-	December 2019	To retain consultant to facilitate ICP Business Plan, Strategic Plan and / or Tactical Plan in 2019.
Water	Water Linear	System Improvements	-	280,474	280,474	-	December 2019	To be used as required in accordance with the City's Cost Sharing Policy. Current purchase order for Coniston Watermain upgrades, detailed design.
Water	Water Linear	Tarneaud Street	170,050	300,000	129,950	129,950	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Transit Depot Garage Renos	-	1,300,001	1,300,001	-	November 2019	Consultant RFP in early 2019.
Water	Water Linear	Trench Rescue Training	-	100,000	100,000	-	December 2020	To be scheduled by Fire Department as part of their training schedule.
Water	Water Linear	Valley Water System Detailed Design	-	609,928	609,928	-	December 2020	Detailed design of watermain looping to be initiated in 2019. To be procured via RFP.
Water	Water Linear	Vermilion Water System	324,424	337,607	13,183	-	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Wahnapitae Trunk Design	-	260,020	260,020	-	December 2019	Detailed design to be completed in 2019. Existing PO for ISD09-51.
Water	Water Linear	Wanapitei Trunk Watermain	-	348,693	348,693	-	December 2019	To be completed in 2019
Water	Water Linear	Water Air Release Valve Assess	13,885	150,000	136,115	-	October 2019	Work to be completed in 2019
Water	Water Linear	Water Efficiency Plan	50,950	191,554	140,604	-	Dec-19	Implementation in 2019. Included in Scope of Work for WWW Task Force staff, currently being hired. To be used for Valley modeling for quality and quantity as required by the Source Protection Plan. Consultant engaged in 2019.
Water	Water Linear	Water Meter Replacement	-	100,000	100,000	-	December 2019	To be spent in 2019, will support proposed Automated Meter Reading project
Water	Water Linear	Water Service Replacement	-	317,798	317,798	-	October 2019	Ongoing work to insulate or lower water services to prevent freezing.
Water	Water Linear	Water Valve Replacement	21,296	284,343	263,047	-	October 2019	Repair or replace inoperable valves detected by the valve turning program.
Water	Water Linear	Water Valve Replacement	1,750	161,361	159,611	-	October 2019	On going work
Water	Water Linear	Water Valve Replacement	30,950	65,490	34,540	-	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Watermain Air Release Valve	-	100,000	100,000	-	October 2019	Phase 1 of condition assessment complete, replacement and repairs in 2019 in alignment with WWW Asset Management and Master Plan recommendations
Water	Water Linear	Watermain Air Release Valve	-	100,000	100,000	-	October 2019	Phase 1 of condition Assessment complete, replacement and repairs in 2019 in alignment with WWW Asset Management and Master Plan recommendations
Water	Water Linear	Watermain Rehabilitation	523,476	1,862,868	1,339,392	-	November 2019	Ongoing lining of existing watermain using trenchless technologies - various locations

# Appendix A - Capital Projects Status Update as at December 31, 2018

**Purpose:** Listing of active capital projects with a remaining budget that is unspent as of December 31, 2018. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2019 and future year.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Linear	Watermain with Roads	4,557	25,753	21,196	-	Dec-19	In progress. To be used to fund sanitary sewer construction to accommodate watermain or roads priority projects, various locations.
Water	Water Linear	West End Trunk Watermain Replacement	139,915	141,331	1,416	1,416	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Linear	Westmount-BarrydownetoAttlee	230,159	535,000	304,841	-	December 2019	Watermain lining to be completed in 2019 with Barrydowne watermain lining Ph 1.
Water	Water Linear	Whitefish Rechlorination Stat.	286,475	845,169	558,694	-	December 2019	Funds to be used for detailed design & contract administration (to be awarded under standing offer) as well as construction in 2019.
Water	Water Plants	Asset Management Plan	-	100,000	100,000	-	2019	Implement recommendations from the Asset management plan
Water	Water Plants	Asset Management Software	-	75,000	75,000	-	2019	Purchase of asset management software.
Water	Water Plants	Backflow Cross-Con Reduction	-	20,000	20,000	-	2020	To be spent on education and outreach information, software purchase, public portal in 2019 and 2020.
Water	Water Plants	Booster Station Upgrades	131,634	344,048	212,414	-	2020	Upgrades to numerous water boosting stations
Water	Water Plants	Business Plan	-	25,000	25,000	-	2019/2020	To be used for tactical plan update
Water	Water Plants	David St WTP - Miscellaneous Plant Repairs	63,201	72,360	9,158	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	David St WTP - Process/Eqpt Upgrades	283,710	496,191	212,481	-	2020	Improvements to the David St WTP HVAC and controls system
Water	Water Plants	David St WTP-Plant Repairs	5,816	50,000	44,184	-	2020	Ongoing small repairs to David St. plant.
Water	Water Plants	Facilities Design Manual	-	95,000	95,000	-	2020	Work to be phased in over 2 years.
Water	Water Plants	Fencing - All Facilities	-	8,842	8,842	8,842	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Generator TSSA Upgrades	330,720	346,220	15,500	-	2019	Project near completion
Water	Water Plants	GIS/Mtce Management Systems	-	50,000	50,000	-	2019	Contribution to corporate strategy.
Water	Water Plants	Groundwater Studies	133,611	173,749	40,138	-	2019	Monitoring of Valley Groundwater Wells.
Water	Water Plants	Groundwater Studies	-	25,000	25,000	-	2019	Monitoring of Groundwater Wells
Water	Water Plants	Health and Safety Upgrades	16,120	468,319	452,199	-	2020	DSS completed. Remediation to start in 2019.
Water	Water Plants	Health and Safety Upgrades	15,493	24,651	9,158	9,158	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Kingsway BS-Demo Moss Montrose	-	830,000	830,000	-	2019	Funds to install new large diameter valve at Kingsway Booster site.
Water	Water Plants	Miscellaneous Plant Repairs	-	123,497	123,497	-	2020	Ongoing small repairs to water plants
Water	Water Plants	Montrose	-	275,000	275,000	-	2019	2019 Construction
Water	Water Plants	Onaping Wells Caustic Soda	362,095	410,849	48,754	48,754	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Onaping Wells Corrosion Upgd	124,465	126,147	1,682	1,682	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Operating Manuals	17,340	286,534	269,194	-	2020	Update plant operating manuals as per regulations.
Water	Water Plants	Operating Manuals	-	50,000	50,000	-	2020	Update plant operating manuals as per regulations.

# Appendix A - Capital Projects Status Update as at December 31, 2018

**Purpose:** Listing of active capital projects with a remaining budget that is unspent as of December 31, 2018. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2019 and future year.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Plants	Operating Manuals	62,060	70,456	8,395	8,395	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Operating Manuals	12,581	17,800	5,219	5,219	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Operational Optimization	27,911	250,000	222,089	-	2019	Consultant undertaking operational optimization study, implementation of recommendations to follow
Water	Water Plants	Plant Process Energy Optimization	82,823	380,250	297,427	-	2020	To be used for energy initiatives such as Wanapitei blower replacement and other energy initiatives
Water	Water Plants	Plant Repairs & Equipment Replacement	57,510	100,000	42,490	-	2019	Ongoing small repairs to water plants.
Water	Water Plants	Procedural Manual W WW	11,783	65,000	53,217	-	2019	Project management costs of ISD 15-10
Water	Water Plants	Ramsey Lake Outfall	294,623	313,106	18,483	18,483	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	SCADA Master Plan	337,588	625,000	287,412	-	2020	Continuous program to upgrade technology in plants, wells and booster stations
Water	Water Plants	SCADA Upgrades	25,440	400,373	374,933	-	2020	Ongoing work
Water	Water Plants	SCADA Upgrades	5,137	250,000	244,863	-	2020	Continuous program to upgrade technology in plants, wells and booster stations
Water	Water Plants	SCADA Upgrades	101,055	103,497	2,442	2,442	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Security Improvements	26,425	488,068	461,643	-	2020	Work to be phased in over 2 years.
Water	Water Plants	Security Improvements	-	37,500	37,500	-	2019	Consultant developed security assessment needs and specifications. Implementation to be started in 2019
Water	Water Plants	Sentinel Wells System	-	150,000	150,000	-	2019	Program to start and be completed in 2019
Water	Water Plants	Source Protection Plan	4,579	145,743	141,164	-	2020	Continual project as Ministry requirements change annually. Full amount to be utilized in 2019 and 2020.
Water	Water Plants	Source Protection Plan	3,424	29,463	26,039	-	2020	Account required for consultant fees. Risk Management Plans are negotiated and consultant is required to confirm ministry requirements. Will be utilized in 2019 and 2020.
Water	Water Plants	Source Protection Plan	59,462	61,511	2,049	2,049	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Storage Tank Inspection	126,948	1,100,520	973,572	-	2020	Ongoing inspection of various water storage facilities.
Water	Water Plants	Storage Tank Inspection	17,887	39,319	21,432	21,432	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Storage Tank Inspection	109,082	110,672	1,591	1,591	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Storage Tank Inspection	171,392	172,792	1,400	1,400	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.

# Appendix A - Capital Projects Status Update as at December 31, 2018

**Purpose:** Listing of active capital projects with a remaining budget that is unspent as of December 31, 2018. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2019 and future year.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Plants	Strategic Planning-	-	30,000	30,000	-	2020	To be used to update tactical plan and related recommendations
Water	Water Plants	Val Caron Booster Upgrade	-	1,550,000	1,550,000	-	2020	2019 construction. Phased in over 2 years, completion in 2020.
Water	Water Plants	Val Caron Booster Upgrade	153,367	900,000	746,633	-	2020	Project to be completed in 2020
Water	Water Plants	Valley Wells Process Upgrades	16,263	300,000	283,737	-	2020	Upgrades and renovations of Valley Wells infrastructure
Water	Water Plants	Wanapitei WTP Contract Administration	623,684	632,953	9,269	-	Q2 2019	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Wanapitei WTP Ph 3 - Annual Corrosion Protection	-	150,000	150,000	-	2019	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Entrance Modification	-	715,000	715,000	-	MTO driven.	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Filter Blower Replacement	16,602	490,000	473,398	-	2020	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Filter Replacement	17,461	250,000	232,539	-	2020	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Intake Pump Replacement	-	350,000	350,000	-	2020	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Leak Detection Annual Program	-	200,000	200,000	-	2019	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Miscellaneous Plant Repairs	69,298	226,392	157,094	-	2019	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Plant Repairs & Equipment Replacement	76,258	76,258	-	-	Complete	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Reactivator Upgrades	149,336	1,700,000	1,550,664	-	2020	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Ph 3 - Transformer Upgrades	99,655	300,000	200,345	-	2019	<a href="#">See Detailed Report</a>
Water	Water Plants	Wanapitei WTP Phase 3	40,506	62,583	22,077	-	2020	Conceptual design Phase 3
Water	Water Plants	Water Filling Station	182,660	398,016	215,356	-	2020	Upgrading stations for public acceptance to be phased in over 2 years.
Water	Water Plants	Well Bldg Repairs/Upgrades	154,880	183,347	28,467	28,467	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Well Building Upgrades	-	2,551,008	2,551,008	-	2020	This project is phased-in planned work for all the wells. There is more work to be completed and planned for future years.
Water	Water Plants	Well Building Upgrades	62,920	932,325	869,405	-	2020	Ongoing work based on phased-in approach
Water	Water Plants	Well Building Upgrades	46,707	117,302	70,595	70,595	Complete	Capital project is complete as of Dec 31, 2018 and remaining budget is for outstanding purchase orders. These purchase orders will be paid and/or closed during Q2 2019.
Water	Water Plants	Well Facility Audit	64,912	100,000	35,088	-	2020	Audit of 5 wells in Dowling and Garson
Water	Water Plants	Well Inspection Rehab	15,765	250,000	234,235	-	2020	Ongoing inspection and repairs to groundwater wells.
Water	Water Plants	Well Inspection Rehab	1,351,426	1,578,622	227,197	-	2020	Ongoing inspection and repairs to groundwater wells.
<b>Water Total</b>			<b>24,830,650</b>	<b>66,833,378</b>	<b>42,002,728</b>	<b>1,055,671</b>		
<b>Grand Total</b>			<b>285,790,738</b>	<b>660,960,317</b>	<b>375,169,579</b>	<b>5,819,121</b>		

## 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	\$ -
<b>Total</b>	<b>\$ 1,376,838</b>	<b>\$ 1,876,838</b>	<b>\$ 500,000</b>	<b>\$ -</b>

Funding	
Capital Reserves	\$ 1,876,838
<b>Total</b>	<b>\$ 1,876,838</b>

### 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	\$ -
<b>Total</b>	<b>\$ 1,850,538</b>	<b>\$ 100,454,835</b>	<b>\$ 98,604,297</b>	<b>\$ -</b>

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

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 2,299,925</b>

### 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	\$ -
<b>Total</b>	<b>\$ 459,217</b>	<b>\$ 2,300,000</b>	<b>\$ 1,840,783</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 150,000
Future Financing	\$ 2,150,000
<b>Total</b>	<b>\$ 2,300,000</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>		<b>\$ 1,350,000</b>

### 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
<b>Total</b>		<b>\$ 3,537,580</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>		<b>\$</b>	<b>2,828,723</b>

### 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	\$ -
<b>Total</b>	<b>\$ 306,588</b>	<b>\$ 1,205,000</b>	<b>\$ 898,412</b>	<b>\$ -</b>

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



## Appendix B - Large Capital Projects Status Update

### 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	
<b>Total</b>		<b>\$</b>	<b>1,276,514</b>	

### 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	
<b>Total</b>		<b>\$</b>	<b>1,526,926</b>	

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 2,000,000</b>

### 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	\$ -	\$ -
<b>Total</b>	<b>\$ 1,102,580</b>	<b>\$ 1,602,580</b>	<b>\$ 500,000</b>	<b>\$ -</b>

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

## Appendix B - Large Capital Projects Status Update

### 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	\$ -
<b>Total</b>	<b>\$ 9,672,527</b>	<b>\$ 10,298,478</b>	<b>\$ 625,951</b>	<b>\$ -</b>

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

### 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	\$ -
<b>Total</b>	<b>\$ 1,014,559</b>	<b>\$ 1,126,257</b>	<b>\$ 111,698</b>	<b>\$ -</b>

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

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 2,974,069</b>

### 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
<b>Total</b>	<b>\$ 3,719,771</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 3,225,520</b>

### 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	\$ 2,125,000
Recoveries	\$ 41,493
<b>Total</b>	<b>\$ 5,228,505</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>		<b>\$</b>	<b>4,800,000</b>

### 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
<b>Total</b>		<b>\$</b>	<b>2,677,982</b>

## Appendix B - Large Capital Projects Status Update

### 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	\$ -
<b>Total</b>	<b>\$ 46,546</b>	<b>\$ 2,201,000</b>	<b>\$ 2,154,454</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,201,000
<b>Total</b>	<b>\$ 2,201,000</b>

### 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
<b>Total</b>	<b>\$ 2,100,000</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 3,656,694</b>

### 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	\$ -
<b>Total</b>	<b>\$ 2,025,102</b>	<b>\$ 4,256,734</b>	<b>\$ 2,231,632</b>	<b>\$ -</b>

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



## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>		<b>\$</b>	<b>2,870,700</b>

### 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
<b>Total</b>		<b>\$</b>	<b>8,580,537</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 1,563,823</b>

### 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
<b>Total</b>	<b>\$ 4,572,420</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 11,120,159</b>

### 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	OCIF \$ 2,640,418
<b>Total</b>	<b>\$ 3,357,564</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>	<b>\$ 3,063,014</b>

### 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
<b>Total</b>	<b>\$ 9,587,059</b>

## 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
<b>Total</b>		<b>\$ 5,509,683</b>

### 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	\$ -
<b>Total</b>	<b>\$ 53,487,518</b>	<b>\$ 86,185,946</b>	<b>\$ 32,698,428</b>	<b>\$ -</b>

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
<b>Total</b>		<b>\$ 86,185,946</b>

## 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
<b>Total</b>		<b>\$ 38,689,447</b>

### 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
<b>Total</b>		<b>\$ 4,350,000</b>

## 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
<b>Total</b>	<b>\$ 5,004,584</b>

### 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
<b>Total</b>	<b>\$ 6,417,987</b>

## 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
<b>Total</b>	<b>\$ 6,658,351</b>

### 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
<b>Total</b>	<b>\$ 3,243,646</b>



## Appendix B - Large Capital Projects Status Update

### 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	\$ -
<b>Total</b>	<b>\$ 1,779,055</b>	<b>\$ 8,971,584</b>	<b>\$ 7,192,529</b>	<b>\$ -</b>

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

### 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
<b>Total</b>	<b>\$ 3,702,800</b>

## 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	\$ -
<b>Total</b>	<b>\$ 1,228,516</b>	<b>\$ 10,070,762</b>	<b>\$ 8,851,162</b>	<b>\$ -</b>

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

### 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
<b>Total</b>	<b>\$ 10,000,000</b>

## Appendix B - Large Capital Projects Status Update

### 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	\$ -
<b>Total</b>	<b>\$ 16,641,885</b>	<b>\$ 16,795,096</b>	<b>\$ 153,210</b>	<b>\$ -</b>

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

### 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	\$ -
<b>Total</b>	<b>\$ 188,917</b>	<b>\$ 6,485,075</b>	<b>\$ 6,296,158</b>	<b>\$ -</b>

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

## Appendix B - Large Capital Projects Status Update

### 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	\$ -	\$ -
<b>Total</b>	<b>\$ 1,081,810</b>	<b>\$ 4,215,726</b>	<b>\$ 3,133,916</b>	<b>\$ -</b>

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

### 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	\$ -	\$ -
<b>Total</b>	<b>\$ 1,316,574</b>	<b>\$ 5,996,786</b>	<b>\$ 4,680,211</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 5,996,786
<b>Total</b>	<b>\$ 5,996,786</b>

## Appendix B - Large Capital Projects Status Update

### 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	\$ -
<b>Total</b>	<b>\$ 96,641</b>	<b>\$ 4,001,111</b>	<b>\$ 3,904,471</b>	<b>\$ -</b>

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

### 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
<b>Total</b>	<b>\$ 3,493,615</b>

## Appendix B - Large Capital Projects Status Update

### 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
<b>Total</b>		<b>\$ 4,049,628</b>

### 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	\$ -	\$ -
<b>Total</b>	<b>\$ 428,610</b>	<b>\$ 4,457,650</b>	<b>\$ 4,029,040</b>	<b>\$ -</b>

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