

City of Hamilton
Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		

PLANNING & ECONOMIC DEVELOPMENT***Growth Management Division***

2005	5160507001	N Glanbrook Industrial BP Serv	16,901,360	14,911,819	-	1,989,541	88.2%	T. Sergi	Awaiting revenues from land sales. There are still 36 serviced acres to be sold which is the funding source for this project. (36 acres @ \$250k = \$9M) Account to remain open until lands are sold.
2010	5141080092	Binbrook-Water Tower-Fletcher	480,000	356,774	-	123,226	74.3%	T. Sergi	Portion of main has been constructed (water tower to Binhaven) under Summerlea West Phase 2A. Balance of main (Binhaven to Fletcher) will be constructed by developer when adjacent development proceeds.
2010	5141096011	2010 Intensification Infra Upgrades	400,000	280,973	54,211	64,816	83.8%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified. Pilot project completed.
2011	5141180195	Green Mtn-First W to Upp Centennial	760,000	322,572	-	437,429	42.4%	T. Sergi	Project constructed. Reviewing for final payments.
2011	5141196011	2011 Intensification Infra Upgrades	400,000	3,462	-	396,538	0.9%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified. Pilot project completed.
2013	5141380370	Upper Mount Albion - Highland	480,000	366,087	-	113,913	76.3%	T. Sergi	Project constructed. Reviewing for final payments.
2013	5141380377	Arvin - McNeilly to 350m West	100,000	107,523	-	(7,523)	107.5%	T. Sergi	Project complete; review with PW Construction regarding final payments. Need to find funding source to address the deficit.
2014	5141480480	Cormorant Rd WM Extension	500,000	-	-	500,000	0.0%	T. Sergi	Construction complete. Project working in conjunction with projects for (Cormorant Rd Extension) under (Industrial Lands) 3621507501. (Sewage Works) 5161480480. Developer to submit for payment.
2015	5141595558	Centennial Valve Chamber #3	16,550,000	12,444,643	-	4,105,357	75.2%	T. Sergi	Project constructed. Reviewing for final payments.
2016	5141680653	Rymal-Upper Paradise to Garth	1,800,000	1,131,123	-	668,877	62.8%	T. Sergi	Project is complete; review final costs with PW Construction.
2016	5141680680	Miles - Ext Terni (E & W leg)	80,000	-	-	80,000	0.0%	T. Sergi	To be constructed when adjacent development proceeds.
2016	5141680682	Dundas - Spring Crk to Skinner	160,000	11,916	-	148,084	7.4%	T. Sergi	Project is duplicated; same as 5142080080 (Dundas 575m w/o Evans) Appropriation form has been completed pending signature approvals, to merge the two projects, then to be submitted to Council for approval. To be constructed with adjacent development (Waterdown Bay Phase 2). Construction in progress.
2016	5141680683	Twenty - Nebo to 900m West	910,000	254,352	-	655,648	28.0%	T. Sergi	Project constructed. Reviewing for final payments.
2017	5141796011	2017 Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified.
2018	5141880886	Pritchard Connect WM 355-601	110,000	-	-	110,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201402. HCA permit required.
2018	5141880887	WM St. A. Ext to Pritchard	70,000	-	-	70,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201402. HCA permit required.
2019	5141980955	Centennial-Servicing Study	100,000	-	-	100,000	0.0%	T. Sergi	Project not started. To be scoped in Q1-2021.
2019	5141996011	2019-Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified.
2020	5142080080	Dundas 575m to 210 wo Evans	410,000	-	-	410,000	0.0%	T. Sergi	Project is duplicated; same as 5141680682 (Dundas-Spring Crk to Skinner). Appropriation form has been completed pending signature approvals, then submitted to Council for approval, to move the budget. Account then to be closed.
<i>Sub-Total Water Growth Program</i>			41,011,360	30,191,243	54,211	10,765,906	73.7%		

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
<i>Storm Sewer Growth Program</i>									
2006	5180680685	SWMP-A15 Meadowlands IV Pond	1,620,000	1,387,907	-	232,093	85.7%	T. Sergi	Pond constructed, reviewing the status of completeness.
2007	5180780774	SWMP - A1 Ancaster IBP	4,110,000	22,083	-	4,087,917	0.5%	T. Sergi	Pond constructed, reviewing the status of completeness.
2007	5180780784	SWMP-B8 Jackson Heights Ph 3	1,303,450	662,814	-	640,636	50.9%	T. Sergi	Pond constructed, reviewing the status of completeness.
2008	5180880855	Cathcart - Barton to 150m S	500,000	192,134	-	307,866	38.4%	T. Sergi	Works complete; review for final payments, then close.
2008	5180880863	SWMP South 2 QA-QC Pond	2,220,000	2,241,194	-	(21,194)	101.0%	T. Sergi	Project complete. Project to be closed once funding source for deficit is identified.
2008	5180880864	SWMP W6 North - Parkside Hills	511,090	491,288	-	19,802	96.1%	T. Sergi	Pond constructed, reviewing for final payments and holdback.
2009	5180955943	Grids 2ndary Plan&Trans MP EA	120,000	25,564	-	94,436	21.3%	T. Sergi	Project complete, pending final review of invoices.
2009	5180980961	Parkside Drive Storm Sewer	1,420,000	425,949	-	994,051	30.0%	T. Sergi	Storm sewers constructed (Parkside Hills Phase 1), developer to submit request for payment (holdback).
2009	5180980980	SWMP Program	2,300,000	2,791,019	-	(491,019)	121.3%	T. Sergi	Project complete. Project to be closed once funding source for deficit is identified.
2009	5180980983	SWMP H8 -N of Rymal At Quarry	1,490,000	1,742,070	-	(252,070)	116.9%	T. Sergi	Project complete. Project to be closed once funding source for deficit is identified.
2010	5181055057	Airport Employment - Ph 3&4 EA	500,000	50,880	-	449,120	10.2%	T. Sergi	Implementation Strategy completed. Consider using for functional corridor design.
2010	5181080090	2010 Annual Storm Water Mngmnt	2,000,000	1,778,862	-	221,138	88.9%	T. Sergi	Allocation for new facilities as development proceeds.
2010	5181080091	Rymal-SWMP H8 - Trinity Church	1,500,000	1,919,524	-	(419,524)	128.0%	T. Sergi	Pond constructed. Need to find funding source for deficit.
2010	5181080097	SWMP B14 - Orlick Aeropark	510,000	512,814	-	(2,814)	100.6%	T. Sergi	Pond constructed. Need to find funding source for deficit.
2010	5181080099	SWMP SM14	1,430,000	1,478,531	-	(48,531)	103.4%	T. Sergi	Pond constructed. Need to find funding source for deficit.
2010	5161096011	2010 Intensification Infra Upgrades	400,000	1,111,783	-	(711,783)	277.9%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified. Charges incorrectly applied (Waterdown Bay); to be adjusted. Need to review expenses. Need to find funding source to address the deficit.
2011	5161180184	Highland-Winterberry-Mt Albion	610,000	913,117	-	(303,117)	149.7%	T. Sergi	Sewer constructed in conjunction with road; reviewing for status of completeness. Need to find funding source to address the deficit.
2011	5161180187	Garner Rd W-Raymond to Hwy 6	2,400,000	468,124	-	1,931,876	19.5%	T. Sergi	To be constructed by developer as development proceeds. Portion from Raymond to approximately 380m west constructed. Project underfunded.
2011	5161196011	2011 Intensification Infrass Upgrade	400,000	356,278	41,202	2,520	99.4%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified. Project is complete pending final invoices and closing of PO's.
2011	5181155369	Specific Area Stormwater MP	150,000	101,805	-	48,195	67.9%	T. Sergi	Project complete, pending final review of invoices.
2011	5181159150	Res Drainage Assistance Program	520,000	446,817	16,017	57,167	89.0%	T. Sergi	Ongoing - this account is used to investigate and/or address drainage issues as they are brought forward to staff.
2011	5181180090	2011 Annual Storm Water Mngmnt	8,000,000	7,090,854	-	909,146	88.6%	T. Sergi	Allocation for new facilities as development proceeds.
2012	5161280290	Nash Area WW Sewer Outlet	4,530,000	3,766,241	-	763,759	83.1%	T. Sergi	Sewer constructed in conjunction with development (Empire); reviewing for status of completeness.
2012	5161280292	SS Rd Sewer - Flying J-Pilot	2,840,000	1,691,201	-	1,148,799	59.5%	T. Sergi	Sewer constructed in conjunction with development (Penady); reviewing for status of completeness.
2012	5181280090	2012 Annual Storm Water Mngmnt	4,000,000	3,782,424	-	217,576	94.6%	T. Sergi	Allocation for new facilities as development proceeds.
2012	5181280280	SWMP A20 Limestone Manor	570,000	411,457	-	158,543	72.2%	T. Sergi	Pond constructed. Developer to submit request for payment.
2012	5181280293	SWMP - A16 D'Amico Cimino Land	2,100,000	2,238,036	-	(138,036)	106.6%	T. Sergi	Pond constructed. Need to find funding source for deficit.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2012	5181280294	SWMP W19 - Parkside Hills Ph 2	2,210,000	-	-	2,210,000	0.0%	T. Sergi	To be constructed by developer in conjunction with Park Place Phase 2. Anticipate 2021 construction.
2012	5181280297	SCUBE Master Drainage Plan EA	648,128	312,297	-	335,831	48.2%	T. Sergi	Block Plan Servicing Strategy - Block 2 (C3-09-14) complete. Costs to be finalized and account closed.
2013	5181355369	Specific Area Stormwater MP	100,000	10,910	-	89,090	10.9%	T. Sergi	Project complete, pending final review of invoices.
2013	5181380090	2013 Annual Storm Water Mngmnt	4,000,000	2,093,491	-	1,906,509	52.3%	T. Sergi	Allocation for new facilities as development proceeds.
2013	5181380377	Arvin - McNeilly to 350m West	540,000	344,426	31,677	163,897	69.6%	T. Sergi	Project complete; review with PW Construction re final payments.
2013	5181380385	Watercourse 7 - Phase 2	300,000	106,360	-	193,640	35.5%	T. Sergi	Project complete; review with PW Construction re final payments.
2013	5181380390	Highland - Upper Mount Albion	850,000	293,177	-	556,823	34.5%	T. Sergi	Sewer constructed in conjunction with road; reviewing for status of completeness.
2014	5161480480	Cormorant San Sewer Extension	620,000	8,744	-	611,256	1.4%	T. Sergi	Valery Business Park subdivision is completed. On-going construction. Project working in conjunction with project IDs (Industrial Land) 3621507501 (Cormorant Road Extension) and (Water Works) 5141480480 (Cormorant Rd Extension).
2014	5181480090	2014 Annual Storm Water Mngmnt	4,000,000	3,601,173	-	398,827	90.0%	T. Sergi	Allocation for new facilities as development proceeds.
2014	5181480485	SWMP - H-9 Mewburn-Sheldon	3,140,000	2,655,638	552,528	(68,166)	102.2%	T. Sergi	Pond complete. Final costs being reviewed. Need to find funding source to address the deficit.
2014	5181480486	SWMP - St Elizabeth Ponds	560,000	12,177	-	547,823	2.2%	T. Sergi	Initial pond assessment final report completed. Planned improvements on hold on subject to submission of revised SWM report.
2015	5181580090	2015 Annual Storm Water Mngmnt	4,000,000	5,063,317	-	(1,063,317)	126.6%	T. Sergi	Costs to be reviewed. Need to find funding source to address the deficit.
2015	5181580585	Sheldon (H-9) & Mewburn (H-24)	800,000	-	35,000	765,000	4.4%	T. Sergi	Project start imminent; being constructed by 1125 West 5th developer.
2015	5181580586	SWMF H-24 (Mewburn Pond)	6,430,000	5,286,827	748,713	394,460	93.9%	T. Sergi	Project substantially complete. Final payment to be issued.
2015	5181580594	First Rd W - Green Mtn to Mud	1,100,000	138,433	-	961,567	12.6%	T. Sergi	Sewer constructed in conjunction with road; reviewing for status of completeness.
2015	5181580596	Green Mtn-Morrissey-First Rd W	490,000	31,614	-	458,386	6.5%	T. Sergi	Sewer constructed in conjunction with road; reviewing for status of completeness.
2017	5161796011	2017 Intensification Infrass Upgrade	400,000	-	-	400,000	0.0%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified.
2017	5181780090	2017 Annual Storm Water Mngmnt	4,000,000	2,455,891	-	1,544,109	61.4%	T. Sergi	Allocation for new facilities as development proceeds.
2017	5181780785	RHBP-Dartnall-Stone to Rymal	1,045,000	1,070,155	-	(25,155)	102.4%	T. Sergi	Project complete; review with PW Construction re final payments. Need to find funding source to address the deficit.
2018	5161880184	Up Mt Albion-Highland to Rymal	800,000	353,043	-	446,957	44.1%	T. Sergi	Sewer constructed in conjunction with road; reviewing for status of completeness.
2018	5181880090	2018 Annual Storm Water Mngmnt	4,000,000	914,548	-	3,085,452	22.9%	T. Sergi	Allocation for new facilities as development proceeds.
2018	5181880281	Greystones Channel Rehab	200,000	-	-	200,000	0.0%	T. Sergi	Project has not been initiated. Will require permission from private landowners.
2018	5181880870	Lewis Rd Culvert near Barton	660,000	681,473	-	(21,473)	103.3%	T. Sergi	Culvert constructed, reviewing the status of completeness. Need to find funding source to address the deficit.
2018	5181880871	Borer's Creek Channel	1,160,000	-	-	1,160,000	0.0%	T. Sergi	Under construction by Parkside Hills developer.
2018	5181880872	Flanders Drive Flooding	270,000	-	-	270,000	0.0%	T. Sergi	Improvements constructed. Payment subject to finalization of 2014 DC appeal.
2018	5181880887	Street A Extension to Pritchard SS	350,000	-	-	350,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201402. Still requires HCA permit.
2019	5161980955	Centennial-Servicing Study	100,000	-	-	100,000	0.0%	T. Sergi	Project not started. To be scoped in Q1-2021.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2019	5161996011	Intensification Infra Upgrades	400,000	80,749	24,508	294,743	26.3%	T. Sergi	Allocation to pay for unanticipated intensification projects when identified.
2019	5181980090	2019 Annual Storm Water Mngmnt	4,000,000	-	-	4,000,000	0.0%	T. Sergi	Allocation for new facilities as development proceeds.
2019	5181980960	RR56 & Swayze Road	3,320,000	3,308,368	-	11,632	99.6%	T. Sergi	Sewer constructed, reviewing the status of completeness.
2019	5181980980	SWMP-SM18 Central Park	3,630,000	2,601,168	-	1,028,832	71.7%	T. Sergi	Pond has been constructed by developer (Central Park). Developer to submit request for payment.
2019	5181980981	SWMP-W1 Waterdown Bay Ph2	3,400,000	2,026,220	-	1,373,780	59.6%	T. Sergi	Pond has been constructed by developer (Waterdown Bay Phase 2). Developer to submit request for payment.
2019	5181980983	SWMP-W3 Waterdown Bay Ph2	4,000,000	1,606,150	-	2,393,850	40.2%	T. Sergi	Pond has been constructed by developer (Waterdown Bay Phase 2). Developer to submit request for payment.
2019	5181980984	SWMP-W4 Waterdown Bay Ph2	7,600,000	-	-	7,600,000	0.0%	T. Sergi	Pond has been constructed by developer (Waterdown Bay Phase 2). Developer to submit request for payment.
2019	5181980985	SWMP-W5 Waterdown Bay Ph2	3,860,000	-	-	3,860,000	0.0%	T. Sergi	Pond has been constructed by developer (Waterdown Bay Phase 2). Developer to submit request for payment.
2020	5162080961	Roxborough Prk Intensification	1,500,000	-	-	1,500,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201802.
2020	5182080086	SWMP SM2 Red Hill Ph 3 4	4,120,000	2,648,856	-	1,471,144	64.3%	T. Sergi	Pond has been constructed by developer (Red Hill Lancaster Heights Phase 1). Developer to submit request for payment.
2020	5182080087	SWMP B10 Lancaster	9,960,000	-	-	9,960,000	0.0%	T. Sergi	Works under construction by developer (Lancaster Heights Phase 1). Developer to submit request for payment.
2020	5182080090	Annual SWM Program	4,000,000	-	-	4,000,000	0.0%	T. Sergi	Allocation for new facilities as development proceeds.
2020	5182095800	Flooding & Drainage MP Capital	880,000	-	-	880,000	0.0%	T. Sergi	Project under construction.
<i>Sub-Total Storm Sewer Growth Program</i>			141,497,668	75,805,973	1,449,644	64,242,050	54.6%		
<i>Sub-Total Growth Management Division</i>			182,509,028	105,997,217	1,503,855	75,007,956	58.9%		
TOTAL PLANNING & ECONOMIC DEVELOPMENT			182,509,028	105,997,217	1,503,855	75,007,956	58.9%		

PUBLIC WORKS RATE FUNDED PROJECTS

Storm Sewers Regular Program

2009	2110953900	Randle Reef Rehab Project	7,625,000	8,122,735	-	(497,735)	106.5%	M. Bainbridge	STATUS: Phase 1-Complete, Phase 2-Construction, Phase 3-Design Complete NEXT STEPS: waiting on completion of phase 2.
2012	5181206222	Setting Sail-Floating Breakwater	4,040,000	4,023,845	25,940	(9,786)	100.2%	E. English	Complete - close once p.o. has been paid/cleared.
2012	5181260216	Golf Course SWMP Rosedale	2,570,000	683,070	67,024	1,819,906	29.2%	T. Winterton	STATUS: Functional Design completed; MECP approval in progress. NEXT STEPS: Hand-over to Eng Services for implementation. Q2 2021
2012	5181272290	Storm Sewer Upgrades - 2012	7,596,000	7,332,529	158,077	105,394	98.6%	M. Oddi/ McNab	Complete pending final billing from CN.
2013	5181355350	SERG Studies & Assessments	740,000	693,267	36,551	10,182	98.6%	T. Winterton	STATUS: Two projects- (a) Beach Flooding Study is complete, (b) LID pilot monitoring near complete. NEXT STEPS: Finalize LID reporting, close P.O.s, close account end of Q1 2021.
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	228,811	70,461	370,727	44.7%	S. Jacob	Hamilton Water has the carriage of this project as they are developing the scope of works. Emergency repairs for the pond were undertaken by Ryan Moore.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2014	5181455420	SERG - Flooding & Drainage MP	645,000	30,649	514,948	99,403	84.6%	C. Cholkan	STATUS: Work Completed - Peer Review Scope. Work in Progress - Flooding and Drainage Master Servicing Study - NEXT STEPS: Completion Q4 2021.
2014	5181460423	SERG - Princess at Birch	90,000	11,172	-	78,828	12.4%	S. Jacob	The manhole works was delayed to be undertaken along with Birch Ave improvements. This project can be done as stand alone if there are significant delays with Birch Ave improvements.
2015	5181510501	Mathers Drive Bank Erosion Control and Slope Stabilization	1,100,000	715,117	191,946	192,937	82.5%	N. Winters / Alberton	Construction Works Complete. Monitoring work to commence until 2022.
2015	5181555077	Zoom Camera Inspection - Data Component	760,000	556,681	200,112	3,207	99.6%	E. Waite / Zantingh	Complete - Close once commitments are paid/cleared.
2015	5181555422	GRIDS II - Stormwater MP	950,000	75,426	499,252	375,322	60.5%	B. Posedowski	STATUS: Work in Progress NEXT STEPS: Completion in Q2,2022.
2015	5181560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,090,000	936,709	140,053	13,239	98.8%	M. Oddi	Complete - pending final review/audit/payment.
2015	5181562590	SWMP Retrofits	660,000	170,063	28,081	461,856	30.0%	B. Posedowski	STATUS: Conceptual Design Study Nearly Complete NEXT STEPS: Supplemental study required, to be chartered. Q2 2021.
2016	4241609803	Sewer and Water- Gourley Prk	65,000	46,484	-	18,516	71.5%	W. Kindree	Complete but pending PO closure.
2016	5181655075	SERG - Watershed Proj Coord	500,000	275,152	181,322	43,526	91.3%	B. Posedowski	STATUS: Work in Progress - Lower Spencer Creek Subwatershed Study & Water Monitoring Program Data Collection. NEXT STEPS: Completion Q4 2021.
2016	5181655421	SERG Stormwater System Planning	280,000	339,576	-	(59,576)	121.3%	B. Posedowski	To be closed in the next Closing Report.
2016	5181672259	SERG - Gage Park Pond	2,213,000	2,073,812	143,123	(3,935)	100.2%	M. Oddi	Complete - Close once commitments are paid/cleared.
2016	5181672650	West Mtn Sewers - Juggernaut	12,966,000	11,780,277	1,181,836	3,886	100.0%	M. Oddi	CWWF - Complete - pending final review/audit/payments. Claim for CWWF funding underway.
2017	5181755420	Stormwater Drainage Review	280,000	220,875	32,876	26,249	90.6%	B. Posedowski	STATUS: Consultant Study Complete NEXT STEPS: Stakeholder Consultation and Staff Report Q1 2021
2017	5181755421	SERG - SW System Planning	280,000	123,333	84,302	72,365	74.2%	B. Posedowski	STATUS: 2 prjcts, (a) Conting. for Ancaster Intens -Study Complete; (b) Dev Apps Guide - Study in progress NEXT STEPS: (a) Stakeholder Consultation and Staff Report (a) Q1 2021; (b) Q2 2021.
2017	5181767723	Pumping Stations	700,000	8,579	-	691,421	1.2%	S. Leitch	STATUS: RFP Design for New standby power at Centennial and Grafton Storm pumping stations Q1 2021. NEXT STEPS: Design Q2 2021.
2018	4411806202	Central Neighbourhood Park	3,890,000	3,370,645	26,057	493,299	87.3%	E. English	Construction completed. Currently in warranty period.
2018	5181823155	SERG - Dundas Drainage Upgrade	230,000	33,409	32,955	163,636	28.9%	B. Posedowski	STATUS: Study Complete NEXT STEPS: Mgmt direction required
2018	5181872295	SERG - LEEDS Implementation	710,000	18,519	-	691,481	2.6%	B. Posedowski	STATUS: Not Started NEXT STEPS: Charter and procurement Q2 2021.
2018	5181874841	Lower Davis Creek - Flood Control Facility	550,000	57,376	41,030	451,594	17.9%	N. Winters / Alberton	Ongoing - Limited Resources to Deliver Work Plan.
2019	5181917152	Cross Road Culvert Program - 2019	1,390,000	957,822	205,100	227,078	83.7%	E. Soldo/ Pastuszok	Project Underway - Remaining funds will be used in the 2021 Culvert Replacement Program (\$1.3M).
2019	5181917549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span) - 2019	620,000	58,609	-	561,391	9.5%	E. Soldo/ Pastuszok	Project Underway - The funds will be used as unexpected repairs arise.
2019	5181955350	Climate Change Impact Assess	550,000	15,082	135,283	399,635	27.3%	B. Posedowski	STATUS: Study nearing completion NEXT STEPS: Complete study and initiate chartering of next phase Q2 2021
2019	5181955421	Storm System Planning Prm	480,000	105,982	81,621	292,398	39.1%	B. Posedowski	STATUS: 3 studies ongoing; 1 study not started NEXT STEPS: charter and procure 4th project (Mill Street) Q3 2021.
2019	5181957545	Stormwater Computer Model	1,080,000	-	-	1,080,000	0.0%	B. Posedowski	STATUS: Not started NEXT STEPS: Assign PMs and charter projects Q2 2021.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2019	5181960722	Municipal Drain Program - 2019	100,000	25,000	-	75,000	25.0%	N. Winters / Alberman	Ongoing - Future works anticipated from Staff Report to Council (Staff Report currently delayed).
2019	5181961740	Unscheduled Manhole & Sewermain - 2019	60,000	41,627	19,093	(720)	101.2%	N. Winters / Alberman	Close once p.o. has been paid/cleared.
2019	5181967500	DMAF-CSO Backflow Preventors	1,050,000	-	-	1,050,000	0.0%	S. Leitch	STATUS RFP Design Q1 2021 NEXT STEPS: Design Q2 2021.
2019	5181972074	Contingency for Unscheduled Works Program - 2019	120,000	58,065	-	61,935	48.4%	E. Waite / McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2019	5181972291	Haddon - Sterling to Marion	300,000	135,153	24,407	140,440	53.2%	M. Oddi	Complete - pending final review/audit/payment.
2019	5181972940	Evans Road Culvert Twinning	710,000	121,830	613	587,557	17.2%	E. Waite / Zantingh	Tender & construction 2021.
2019	5181974950	Watercourse & Drainage Mtn	580,000	31,839	51,492	496,669	14.4%	N. Winters / Alberman	Ongoing - Limited Resources to Deliver Work Plan.
2019	5181980961	Roxborough Storm Outlet	950,000	-	-	950,000	0.0%	T. Sergi	Project has not been initiated. .
2019	5182155101	SERG - SC & Battlefield Creek	400,000	-	-	400,000	0.0%	B. Posedowski	STATUS: Not started NEXT STEPS: Assign PM and charter Q3 2021.
2020	5182001099	Eng Services Staffing	1,100,000	1,433,062	-	(333,062)	130.3%	E. Waite / McNab	CLOSE NEXT BER - deficit due to variance between estimated staffing cost for storm projects vs actual year end staffing charges.
2020	5182017040	Hwy 97 Culvert Improvements	180,000	4,110	63,392	112,498	37.5%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5182017152	Roadside Drainage Improvements	1,400,000	45,913	531,228	822,859	41.2%	E. Soldo/ Pastuszok	Project Underway - Remaining funds will be used in the 2021 Culvert Replacement Program (\$1.3M). .
2020	5182017458	Catch Basin Replace & Rehab	500,000	171,563	95,829	232,608	53.5%	E. Soldo/ Cooper	Project Underway - This program is to address unscheduled repairs. funds will be utilized to address potential system failures. .
2020	5182017549	Concrete Box Culvert - TOM	250,000	-	-	250,000	0.0%	E. Soldo/ Pastuszok	The funds will be used as unexpected repairs arise.
2020	5182017550	Concrete Box Culvert - ES	250,000	1,024	-	248,976	0.4%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5182049555	QA-QC Service Contract 2020	140,000	573	-	139,427	0.4%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5182055421	SW System Planning Program	380,000	6,561	8,463	364,977	4.0%	B. Posedowski	STATUS: Multiple projects, not started NEXT STEPS: Assign PMs and charter projects Q3 2021 .
2020	5182055556	Mapping Update Program	40,000	164	-	39,836	0.4%	D. Lamont/ Lauricella	Ongoing - work in progress. Anticipate completion by year end 2021.
2020	5182055825	Stormwater Drainage Analysis	760,000	19,406	325,911	414,684	45.4%	B. Posedowski	STATUS: Five separate ongoing projects, with four PMs NEXT STEPS: No future phases, close project Q1 2022
2020	5182057545	Stormwater Computer Model	1,080,000	-	-	1,080,000	0.0%	B. Posedowski	STATUS: Not Started NEXT STEPS: Charter and procurement Q4 2021 .
2020	5182060533	Trenchless Manhole Rehab	70,000	287	-	69,713	0.4%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5182060622	SWM Pond-Creek Maint Prog 2020	1,700,000	983,411	563,248	153,341	91.0%	N. Winters / Alberman	Ongoing - work in progress.
2020	5182060722	Annual Municipal Drain Mtnce	610,000	82,204	-	527,796	13.5%	N. Winters / Alberman	Ongoing - Future works anticipated from Staff Report to Council (Staff Report currently delayed).
2020	5182060999	Closed Projects - Storm	120,000	-	65,868	54,132	54.9%	E. Waite / McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2020	5182061046	Osler Dr Outfall Grant Blvd	100,000	409	-	99,591	0.4%	E. Waite / Zantingh	Construction delayed until 2023 due to ongoing environmental studies.
2020	5182061740	Unsched Manhole & Sewermain	50,000	-	50,000	-	100.0%	N. Winters / Alberman	Fully committed to P.O.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2020	5182062073	Field Data Systems Program	110,000	49,580	17,835	42,584	61.3%	D. Lamont/ Lauricella	Ongoing - work in progress - to be complete by year end 2021.
2020	5182067875	Beach Strip SW Pump Station	300,000	-	149,985	150,015	50.0%	B. Posedowski	STATUS: EA Study in progress NEXT STEPS: Land Acquisition, If Required Q4 2021
2020	5182070002	Hwy 8 - Hillcrest RD Restore	660,000	550,308	-	109,692	83.4%	M. Oddi	Close on next report.
2020	5182072293	Hwy 8 - Hillcrest stm sewer	300,000	289,040	4,796	6,163	97.9%	M. Oddi	Complete - Close once commitments are paid/cleared.
2020	5182072295	Hwy 8 - Woodley stm sewer	1,590,000	1,281,152	29,256	279,592	82.4%	M. Oddi	Complete - pending final review/audit/payment.
2020	5182074950	Watercourse & Drainage Mtn	810,000	-	-	810,000	0.0%	N. Winters / Alberton	Ongoing - Limited Resources to Deliver Work Plan. (No 2021 Budget allocated).
2020	5182074951	Shoreline Protection Program	400,000	49,348	118,504	232,149	42.0%	N. Winters / Alberton	Ongoing - Limited Resources to Deliver Work Plan.
2020	5182080089	Rymal - Fletcher to Up Cent	1,621,000	711,577	882,454	26,969	98.3%	T. Sergi	Project C15-50-19 (HSW) under construction. .
Sub-Total Storm Sewers Regular Program			74,111,000	49,158,813	7,080,323	17,871,865	75.9%		

Waterworks Regular Program

2003	5140364336	PS H6B Upper Gage Trunk-Hold	2,700,000	2,124,412	-	575,588	78.7%	S. Leitch	To be closed in the next Closing Report since there are subsequent journal entries.
2011	5141166110	WTP - Process Upgrades	30,960,000	25,709,424	4,373,621	876,955	97.2%	S. Leitch	STATUS: Work in Progress - Warranty Period (Process Upgrades - Phase 1). NEXT STEPS: Warranty End Date: Q4 2021. Post Substantial work underway for clearwell conduit.
2011	5141167150	Greensville New Well – EA	720,000	1,493,235	-	(773,235)	207.4%	M. Silverio	STATUS: Work Completed. NEXT STEPS: Account to be closed. Unfavorable Budget Variance due to Staffing Chargebacks.
2012	5141267274	Kenilworth PS - HD005 Upgrades	3,355,000	3,024,046	255,227	75,728	97.7%	S. Leitch	STATUS: Work in Progress - Construction (Pump Station). NEXT STEPS: Substantial Performance Q1 2021 (Pump Station).
2012	5141269250	HVAC Upgrade New Lab & Admin	5,620,000	1,162,550	20,745	4,436,705	21.1%	S. Leitch	STATUS: Work in Progress -Conceptual Design for the Laboratory Upgrades Complete. NEXT STEPS: Request for Proposals for Design - Lab HVAC & Interior Upgrades Q2 2021.
2012	5141297282	Waterdown S Storage - PD W-07	8,620,000	6,814,186	-	1,805,814	79.1%	T. Sergi	Project is complete. Need to review with developer for any outstanding issues and payment.
2013	5141395353	Ferguson HD002 Pumping Stn	2,600,000	521,749	-	2,078,251	20.1%	S. Leitch	STATUS: Work in Progress - RFP for Design . NEXT STEPS: Design - New Ferguson PS (Phase 3 Upgrades) Q1 2021.
2013	5141395354	PD18 Elevated Reservoir W14	2,610,000	456,822	8,939	2,144,239	17.8%	X. Wang	STATUS: Class EA is complete NEXT STEPS:
2014	5141455425	Concrete Pipe Condition Assessment	2,750,000	2,483,592	261,081	5,328	99.8%	E .Waite / Zantingh	Ongoing - work in progress (CWWF funded).
2014	5141495551	PD7 Elevated Reservoir W-23	2,600,000	680,455	-	1,919,545	26.2%	X. Wang	STATUS: Class EA is complete NEXT STEPS: initiation of design and construction.
2015	4411506103	Pier 8 Sanitary PS & Forcemain	14,851,000	12,174,288	932,965	1,743,747	88.3%	E. English	Construction completed; commissioning completion Q1/Q2 2021.
2015	5141555010	Water Systems Planning	450,000	407,089	-	42,911	90.5%	B. Posedowski	To be closed in the next Closing Report.
2015	5141555264	City-Wide Water MP	950,000	203,340	368,668	377,993	60.2%	B. Sarker	STATUS: Work in ProgressNEXT STEPS: Completion in Q2 2022.
2015	5141555555	City Wide Groundwater Model	710,000	758,775	46,177	(94,952)	113.4%	C. Vega	STATUS: revisions required for the Freelton assignment as per the MECP comments. The PO for the Groundwater Model updates is in the process to be issued. NEXT STEPS: finalize Freelton WHPAS Q2 2021. gw model Q1 2021.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2015	5141564533	Up Wentworth - Hydro to Twenty	2,200,000	12,638	-	2,187,362	0.6%	U. Ehrenberg	STATUS: Ready for design and construction as per Development Background Study HM27-W-19 NEXT STEPS: Subject to development application timing if delivered by P&ED. If delivered by Engineering Services, then pending coordination through CPMS.
2015	5141566711	Annual Water Treatment Studies	250,000	161,674	91,259	(2,933)	101.2%	S. Lapointe	STATUS: Work in Progress - Woodward Water Treatment Plant (Baseline biological activity, Optimization Study for Corrosion Control using Phosphoric acid chemical dosing). NEXT STEPS: Completion in Q1 2021.
2015	5141567273	HD17A PS Replace Decommission	1,930,000	31,154	-	1,898,846	1.6%	F. Novac	STATUS: terms of reference for consulting services under development for Class EA NEXT STEPS: Issue RRFQ Q1 2021
2015	5141567520	HDR05 Reservoir Upgrades	4,192,000	3,768,464	313,671	109,865	97.4%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q2 2021.
2015	5141567575	High Lift PS Upgrades Phase 2	1,430,000	489,738	29,640	910,622	36.3%	S. Leitch	STATUS: Work in Progress - Design. NEXT STEPS: Construction - Power Distribution (Recommissioning) Substantial Performance: Q2 2021.
2015	5141567577	Security - Water PS Facilities	5,600,000	2,274,236	-	3,325,764	40.6%	S. Leitch	STATUS: Complete. NEXT STEPS: Close-out Project.
2015	5141595553	HD12A PS Upgrades (W-04)	1,270,000	288,123	186,539	795,338	37.4%	U. Ehrenberg	STATUS: in handover stage between WWWS and CD teams NEXT STEPS: Complete system curve such that design and construction can start.
2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,495,784	41,037	22,763,180	10.0%	S. Jacob	Functional design of the new alignment in 2021. Detailed design in 2022.
2016	5141664632	Twenty (Greti) to Upper James	1,610,000	184,337	-	1,425,663	11.4%	U. Ehrenberg	STATUS: Ready for design and construction as per Development Background Study HM27-W-19 NEXT STEPS: Subject to development application timing if delivered by P&ED. If delivered by Engineering Services, then pending coordination through CPMS.
2016	5141666110	WTP - Corrosion Control	7,660,000	7,498,972	-	161,028	97.9%	S. Leitch	STATUS: Complete. NEXT STEPS: Close-out Project.
2016	5141666608	Lynden Additional Water Supply	7,965,000	7,531,785	108,438	324,777	95.9%	S. Leitch	STATUS: Warranty. NEXT STEPS: Warranty End: Q3 2021.
2016	5141666713	Annual Water Maintenance	600,000	496,859	-	103,141	82.8%	S. McCauley	To be closed in the next Closing Report.
2016	5141667420	Ben Nevis & Dewitt HD08A WPS	3,140,000	2,794,305	359,616	(13,921)	100.4%	S. Leitch	STATUS: Warranty. NEXT STEPS: Warranty End: Q3 2021.
2016	5141667421	Glancaster & Hwy 53 HD018 WPS	6,700,000	97,535	567,853	6,034,612	9.9%	S. Leitch	STATUS: Work in Progress - Design (Interim Upgrades). NEXT STEPS: Request for Prequalified Contractors for Construction (Interim Upgrades) Q4 2020.
2016	5141667422	Osler Road HD011 WPS	2,569,000	2,312,804	123,753	132,443	94.8%	S. Leitch	STATUS: Warranty. NEXT STEPS: Warranty End: Q3 2021.
2016	5141667423	Freelton Well FDF01 Capacity	1,870,000	389,137	25,424	1,455,440	22.2%	M. Christie	STATUS: Modelling results are being incorporated NEXT STEPS: Finalize the report and communicate findings. Q2 2021.
2016	5141667424	Freelton Tower HDT03 Upgrades	3,600,000	2,164,123	-	1,435,877	60.1%	S. Leitch	STATUS: Complete. NEXT STEPS: Close-out Project.
2016	5141695883	York & Valley HD016 WPS (W-26)	4,490,000	270,428	-	4,219,572	6.0%	S. Leitch	STATUS: Conceptual Design Q1 2021. NEXT STEPS: RFP for Design Q3 2021.
2017	5141760754	Kenilworth Transmission Watermain Renewal	2,400,000	544,149	1	1,855,849	22.7%	E. Waite / Zantingh	Ongoing - work in progress.
2017	5141761777	Beach Trunkmain Rehab	8,500,000	904,657	-	7,595,343	10.6%	E. Waite / Zantingh	Work to be completed Q2-Q3 2021.
2017	5141766421	WTP Fluoride Building HVAC	470,000	100,791	62,670	306,540	34.8%	S. Leitch	STATUS: RFT Tender Closed Q1 2021. NEXT STEPS: Construction Substantial Performance Q3 2021.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2017	5141766711	Annual Water Treatment Studies	250,000	172,603	65,826	11,571	95.4%	S. Lapointe	STATUS: Work in Progress - Industry Review of Asset Maintenance Programs for Municipal W&WW Vertical Infrastructure. NEXT STEPS: Completion Q2 2021.
2017	5141766713	Annual Water Maintenance	2,500,000	1,478,866	408,797	612,337	75.5%	S. Lapointe	STATUS: Work in Progress Construction - PACI system repairs at the Woodward WTP - Substantial Q1 - 2021, Construction - Backflow Protection Program for HW Facilities - Substantial Q1 - 2021. NEXT STEPS: Completion Q2 2022.
2017	5141767420	Carlisle Well Stn Sys Enhance	940,000	121,028	-	818,972	12.9%	S. Leitch	STATUS: Work in Progress - Scope Verification. NEXT STEPS: Management to determine cost benefit of project scope. Q2 2021.
2017	5141767650	New Greensville Communal Well	1,400,000	140,122	33,021	1,226,857	12.4%	M. Silverio	STATUS: on-hold due to new information re to existing pumping station NEXT STEPS: conduct a constructability assessment to support decision making process Q3 2021 for the EA.
2017	5141767752	WW Outstation Inspection - AM	550,000	275,275	-	274,725	50.0%	B. Posedowski	To be closed in the next Closing Report.
2017	5141771301	WM Replace Program - Coordinated with Roads - 2017	2,773,000	2,550,559	157,022	65,419	97.6%	M. Oddi/ McNab	Complete - pending final review/audit/payment.
2017	5141795850	Greenhill PS HD04B & HD05A	10,040,000	1,320,868	123,939	8,595,193	14.4%	S. Leitch	STATUS: Warranty (Immediate Needs Project). Conceptual Review of New Build vs. Retrofit existing PS Q1 2021. NEXT STEPS: RFP for Design (Ultimate Upgrades) Q4 2021.
2017	5141796752	PD16 Trunk - PS HD016 to Hwy 5	2,570,000	366,800	-	2,203,200	14.3%	X. Wang	STATUS: Terms of reference for consulting services under development for Class EA NEXT STEPS: issue RFP Q1 2021
2018	5141851810	Fleet Additions - Hamilton Water - 2018	2,860,000	1,285,585	-	1,574,415	45.0%	N.Winters / Zylstra	Procurement of the vehicles identified on the detail sheet are all in progress. Contracts are being worked-on by Fleet for several of them.
2018	5141855010	Water Systems Planning	300,000	258,908	-	41,092	86.3%	B. Posedowski	To be closed in the next Closing Report.
2018	5141855777	LRT Corridor - Water	570,000	-	-	570,000	0.0%	B. Sarker	STATUS: on hold NEXT STEPS: Awaiting outcome and next steps of Transit Task Force recommendations.
2018	5141860577	Metallic Watermain Condition Assessment Program - 2018	700,000	551,554	138,409	10,038	98.6%	E. Waite / Zantingh	Ongoing - work in progress. (CWWF funded).
2018	5141866713	Annual Water Maintenance	1,500,000	270,422	284,160	945,419	37.0%	S. Lapointe	STATUS: Work in Progress; Warranty - Carlisle Wells - Close-out Q2 - 2021, Construction - Backflow Preventers, Construction - Chlorine Evaporators - Completion Q1 - 2021, Design - Fluoride and Corrosion Control Building Health and Safety - Construction Q2 - 2021. Design - Osler Drive Health & Safety Immediate Needs - Construction Q2 - 2021 NEXT STEPS: Completion Q4 2022.
2018	5141867651	HD007 Highland Rd Reservoir	260,000	70,629	-	189,371	27.2%	S. Leitch	STATUS: Complete. NEXT STEPS: Close-out Project.
2018	5141867752	Water Outstation Inspections	660,000	644,925	-	15,075	97.7%	B. Posedowski	To be closed in the next Closing Report.
2018	5141895852	Carlisle Additnl Water Storage	440,000	9,512	-	430,488	2.2%	M. Christie	STATUS: Municipal Class EA to evaluate options for additional water storage in Carlisle NEXT STEPS: issue the RFP in Q1 2021.
2018	5141895956	Water Distribution Model	350,000	66,938	2,401	280,661	19.8%	X. Wang	STATUS: RFP with PMO NEXT STEPS: Issue RFP Q1 2021.
2019	4031914405	Contaminated Soil & Rock Disposal 2019	1,059,000	332,195	680,617	46,188	95.6%	E. Waite / McNab	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.
2019	5141911101	Road Restoration Program - 2019	5,301,000	3,463,659	1,831,661	5,680	99.9%	D. Lamont/ B Waddell	Complete - pending final review/audit/payment.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2019	5141949555	QA-QC Service Contract 2019	160,000	68,823	960	90,217	43.6%	E .Waite / Zantingh	Ongoing - work in progress to be closed by year end 2021.
2019	5141955010	Water Systems Planning Program	400,000	253,418	120,619	25,963	93.5%	H. Trieu	STATUS: Work in Progress - Consulting Services (Hydraulic impact assessment of watermain shutdown routes & Transient Modelling, System Curves and Watermain Hydraulic Analysis). NEXT STEPS: Completion Q4 2021.
2019	5141955247	Drinking Water System Changes	150,000	94,592	56,643	(1,235)	100.8%	U. Ehrenberg	STATUS: 2020 PO nearing completion and work complete. New 2021 annual PO pending approval
2019	5141955713	Drinking Water System Optimize	220,000	4,161	54,911	160,928	26.9%	U. Ehrenberg	STATUS: Ongoing work NEXT STEPS: Prepare charter for PD11 review and enhancement Q1 2021.
2019	5141957545	Water - Computer Model	280,000	-	-	280,000	0.0%	X. Wang	STATUS: RFP with PMO to be awarded in Q1 2021 NEXT STEPS: Issue RFP.
2019	5141960750	Unscheduled Valve, Hydrant etc. - 2019	3,033,000	2,847,837	133,278	51,885	98.3%	N. Winters / Alberton	Ongoing can close in March 2021.
2019	5141961910	Res Water Meter and Meter Pit	180,000	-	-	180,000	0.0%	N. Winters / Goudreau / DiGiovanni	Project is on hold due to Covid-19. Costs of \$180K were originally calculated based on 40 non-compliant homes, that number is now lower so the project budget has been lowered to \$100K. .
2019	5141962078	Substandard Water Service Replacement Program - 2019	2,750,000	2,154,540	401,407	194,053	92.9%	N. Winters / Alberton	Ongoing - Work in progress.
2019	5141966151	SCADA servers and network	2,500,000	727,094	36,320	1,736,586	30.5%	G. Botha	STATUS: Work in Progress - Design (Woodward SCADA 2019 Servers & Network Endlife Replacement), Supply & Installation of Hardware and software (SCADA servers, network and associated equipment). Hardware purchased 2020/2021 NEXT STEPS: RFP Consulting Services Q2 2021.
2019	5141966420	Woodward WTP - Chlorine Bldg	800,000	74,997	-	725,003	9.4%	S. Leitch	STATUS: Scope Verification Complete Q1 2021. NEXT STEPS: Roster Assignment for Immediate Needs Q 2 2021.
2019	5141966711	Water Treatment Studies	250,000	81,075	111,181	57,744	76.9%	S. Lapointe	STATUS: Works in Progress; Design (Hamilton Water Outstation Arc Flash Studies). NEXT STEPS: Tender for Arc Flash Labelling (HW Outstations) Q4 2022.
2019	5141966713	Water Maintenance Capital	2,000,000	501,006	-	1,498,994	25.1%	S. Lapointe	STATUS: Work Completed - Watermain Leak 1200mm (HLPS). NEXT STEPS: Completion Q4 2022.
2019	5141966911	WTP - Bio Filtration Study	400,000	-	-	400,000	0.0%	S. Leitch	STATUS: 1 field study remaining Q1 2021. NEXT STEPS: Close-out Q2 2021.
2019	5141967375	Kenilworth&Ben Nevis Reservoir	7,550,000	5,488,688	2,360,401	(299,089)	104.0%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2021. Soil Contamination removal project commence Q1 2021.
2019	5141967752	Water Outstation Inspections	660,000	302,108	93,440	264,452	59.9%	G. Giovinazzo	STATUS: NEXT STEPS:
2019	5141970007	Haddon - Sterling to Marion	310,000	245,557	51,348	13,095	95.8%	M. Oddi	Complete - pending final review/audit/payment.
2019	5141970010	Parkdale - Burlington to north end & Steel City Court	1,050,000	921,190	101,508	27,302	97.4%	M. Oddi	Complete - pending final review/audit/payment.
2019	5141970012	Sheaffe / Park / Mulberry (Central Nbhd (North))	910,000	124,356	-	785,644	13.7%	E .Waite / Zantingh	2021 Construction. Project is currently tendered.
2019	5141971305	Cheever - Barton to Birge and Birge - Cheever to Wentworth	580,000	539,008	36,416	4,576	99.2%	M. Oddi	Complete - pending final review/audit/payment.
2019	5141971307	Haddon - Sterling to Marion	554,000	516,771	36,895	334	99.9%	M. Oddi	Complete - pending final review/audit/payment.
2019	5141971310	Parkdale - Burlington to north end & Steel City Court	1,422,000	1,060,060	360,067	1,873	99.9%	M. Oddi	Complete - pending final review/audit/payment.
2019	5141971312	Sheaffe / Park / Mulberry (Central Nbhd (North))	1,050,000	181,306	-	868,694	17.3%	E .Waite / Zantingh	2021 Construction. Project is currently tendered.
2019	5141971313	LRT Sherman-King to south end	1,220,000	26,763	-	1,193,237	2.2%	E .Waite / Zantingh	LRT Cancelled, project to be reprioritized in capital budget.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2019	5141971314	LRT Wentworth - Wilson to King	460,000	26,661	4,000	429,339	6.7%	E .Waite / Zantingh	LRT Cancelled, project to be reprioritized in capital budget.
2019	5141971315	LRT Main-Delena to Normanhurst	5,030,000	138,618	65,272	4,826,111	4.1%	E .Waite / Zantingh	LRT Cancelled, project to be reprioritized in capital budget.
2019	5141995951	PS HD019 Binbrook Capacity	220,000	30,064	-	189,936	13.7%	U. Ehrenberg	NEXT STEPS: Scope Verification and Transfer Project to Capital Delivery for Charter Issuance Q3 2020.
2019	5141996951	Binbrook Feeder via Fletcher	580,000	79,260	-	500,740	13.7%	E .Waite / Zantingh	Ongoing - work in progress.
2019	5142595552	HD07A - New PD7 Elfrida PS	280,000	-	-	280,000	0.0%	U. Ehrenberg	STATUS: Ongoing discussion with Real Estate regarding Hamilton Water share NEXT STEPS:
2020	5142001099	Eng Services Staffing	4,700,000	4,236,198	-	463,802	90.1%	E. Waite / McNab	2020 Engineering Services actual costs lower than budget due to salary gapping, etc. Surplus will be used to fund the 2022 ES Staffing Costs - Roads project.
2020	5142011101	Annual Road Restoration	5,400,000	4,333,726	1,031,079	35,195	99.3%	D. Lamont/ B Waddell	Ongoing - work in progress. Anticipate completion by Q2 2021.
2020	5142049555	QA-QC Service Contract 2020	140,000	573	-	139,427	0.4%	E .Waite / Zantingh	Ongoing - work in progress.
2020	5142055010	Water Systems Planning Program	300,000	43,421	-	256,579	14.5%	H. Trieu	STATUS: Work in Progress - Consulting Services (Hydraulic impact assessment of watermain shutdown routes & Transient Modelling, System Curves and Watermain Hydraulic Analysis). NEXT STEPS: Completion Q4 2021.
2020	5142055022	Engineering Consultants	300,000	93,350	172,975	33,675	88.8%	E .Waite / Zantingh	Ongoing - work in progress.
2020	5142055425	Concrete Pipe Condition Assess	400,000	58,131	152,259	189,610	52.6%	E .Waite / Zantingh	Ongoing - work in progress.
2020	5142055556	Mapping Update Program	40,000	164	-	39,836	0.4%	D. Lamont/ Lauricella	Ongoing - work in progress. Anticipate completion by year end 2021.
2020	5142055851	Water Efficiency Plan-Program	110,000	17,463	1,771	90,766	17.5%	N. Winters / Wagner	2020 Project to be used in 2021. No ask required for 2021.
2020	5142057545	Drinking Water System Model	280,000	160,015	15,673	104,312	62.7%	U. Ehrenberg	STATUS: 2020 PO nearing completion and work complete. New 2021 annual PO pending approval NEXT STEPS:
2020	5142057626	Critical WM Inspection Program	660,000	562,380	84,003	13,617	97.9%	E .Waite / Zantingh	Ongoing - work in progress. Includes C15-11-20 Burlington Trunkmain repair.
2020	5142060080	Valve Replacement - 2020	3,700,000	2,014,417	527,951	1,157,633	68.7%	E .Waite / Zantingh	Ongoing - work in progress.
2020	5142060577	Metallic WM Condition Assess	630,000	82,775	208,155	339,070	46.2%	E .Waite / Zantingh	Ongoing - work in progress.
2020	5142060711	Annual Capital Wtr Consumption	180,000	78,380	-	101,620	43.5%	E. Waite / McNab	Complete - surplus will be used to WIP fund the 2022 Capital Water Consumption Program.
2020	5142060750	Unscheduled Valve-Hydrant Etc.	3,000,000	782,092	552,626	1,665,282	44.5%	N. Winters / Alberton	Ongoing - work in progress.
2020	5142060999	Closed Projects - Water	120,000	2,760	70,028	47,212	60.7%	E. Waite / McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2020	5142061305	Burlington Trunk Repairs	1,172,000	1,112,070	60,128	(198)	100.0%	E .Waite / Zantingh	Ongoing - work in progress. C15-11-20.
2020	5142061310	Woodwrd Trans Pipeline Rep	500,000	2,047	-	497,953	0.4%	E .Waite / Zantingh	To be tender Q4 2020 or Q1 2021.
2020	5142061502	New & Replacement Water Meters	2,920,000	1,147,025	1,589,237	183,738	93.7%	N. Winters / Goudreau / DiGiovanni	Ongoing - work in progress. This project will cover a multi-year Advanced Metering Project that will continue until 2023.
2020	5142062073	Field Data Systems Program	110,000	4,448	57,528	48,024	56.3%	D. Lamont/ Lauricella	Ongoing - work in progress - to be complete by year end 2021.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2020	5142062078	Substandard Service Replace	2,750,000	374,430	31,047	2,344,523	14.7%	N. Winters / Alberton	Ongoing - Work in progress.
2020	5142066310	WTP Pre-Treat Isolation Valves	280,000	66,432	109,128	104,440	62.7%	S. Leitch	STATUS: Roster Assignment Conceptual Review commence Q1 2021. NEXT STEPS: Design Q4 2021.
2020	5142066350	WTP Chlorine Chem Building	2,250,000	-	-	2,250,000	0.0%	S. Leitch	STATUS: Scope verification for Immediate needs at Existing Building Q1 2021. NEXT STEPS: RFP for Recommended solution Q2 2021.
2020	5142067420	St Joseph Tank Dampener	60,000	-	-	60,000	0.0%	S. Leitch	STATUS: Scope Verification. NEXT STEPS: Develop Technical Memorandum Q3 2021 for future RFP.
2020	5142067450	Lee Smith Reservoir HDR00	280,000	-	-	280,000	0.0%	S. Leitch	STATUS: Scope Verification. NEXT STEPS: Develop Project Charter Q1 2021.
2020	5142067752	Water Outstation Inspections	660,000	119,301	143,015	397,685	39.7%	G. Giovino	STATUS: Work in progress NEXT STEPS: Complete WTP Surge Suppression Bldg. and complete Scenic Res. condition assessment.
2020	5142069075	Environmental Lab Improvements	150,000	108,326	29,832	11,843	92.1%	A. Grice / Vanderperk/ Eszes	Ongoing work in progress.
2020	5142070006	Hillcrest - Chedoke RD Restore	60,000	246	58,937	817	98.6%	E .Waite / Zantingh	C15-10-20 awarded - construction 2021.
2020	5142070015	LRT Main - Delena Rd Restore	300,000	-	-	300,000	0.0%	E .Waite / Zantingh	LRT Cancelled, project to be reprioritized in capital budget.
2020	5142071306	Hillcrest - Chedoke wm replace	120,000	491	118,474	1,035	99.1%	E .Waite / Zantingh	C15-10-20 awarded - construction 2021.
2020	5142071315	LRT Main - Delena wm replace	150,000	614	48,718	100,668	32.9%	E .Waite / Zantingh	Design 2021 (March/April), 2021 construction.
2020	5142096250	Airport Water Service Ext W-27	1,080,000	-	-	1,080,000	0.0%	U. Ehrenberg	STATUS: On hold NEXT STEPS: Work will proceed based on PED needs forecasting.
2020	5142096520	Garner Rd Trunk Watermain	3,390,000	-	-	3,390,000	0.0%	E .Waite / Zantingh	In design to be tendered in 2022, in service by Q4 2024.
2020	5142096850	Locke Trunk Watermain W-19	2,200,000	318,351	1,298	1,880,351	14.5%	S. Jacob	Engineering Services Project.
2020	5142160072	Annual Watermain Lining Prgm	-	1,517,363	164,053	(1,681,416)	N/A	E .Waite / Zantingh	Expenses occurring in 2020 were charged against the 2021 project as permitted under the Capital Pre-Approval Policy PW05117/FCS05104. Project budget of \$7.7 million was added in 2021 rate budget.
2020	5142695552	HD07A New District 7 PS W-21	170,000	-	-	170,000	0.0%	U. Ehrenberg	STATUS: Design and construction is subject to Secondary Planning and council approval of the Elfrida Growth Area NEXT STEPS:
Sub-Total Waterworks Regular Program			281,826,000	139,931,041	21,155,752	120,739,207	57.2%		

Wastewater Regular Program

2007	5160755640	Non-trunk Flow Monitoring	500,000	114,300	398,089	(12,389)	102.5%	S. Leitch	STATUS: Work in Progress - Design & Contract Administration for the implementation of Real Time Control Management of Wet Weather Flows (Account Split). NEXT STEPS: Account to be closed once outstanding purchase orders are closed. Negative balance due to unanticipated tax changes.
2007	5160795757	Centennial Trnk Swr-WW14,WW33	84,200,000	83,466,476	124,433	609,091	99.3%	M. Oddi	Complete - pending final review/audit/payment.
2008	5160867751	WW Outstns - Asset Management	2,655,000	2,135,607	685,427	(166,035)	106.3%	S. Leitch	STATUS: Work in Progress - Design & Contract Administration for the implementation of Real Time Control Management of Wet Weather Flows (Account Split). NEXT STEPS: Account to be closed once outstanding purchase orders are closed. Negative balance due to unanticipated tax changes.
2008	5160866801*	Woodward WWTP - Clean Harbour	398,152,605	274,552,515	123,600,090	-	100.0%	J. Helka	STATUS: Work in Progress - Construction (Raw Wastewater Pumping Station, Electrical System, Tertiary Treatment). GIF Funded. Cash Flow Budget approved by Finance (\$94M requested in 2021-2022). NEXT STEPS: Substantial Performance Q3 2022.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2009	5160966910	WWTP - Biosolids MP Implement	38,500,000	34,392,226	4,215,334	(107,559)	100.3%	J. Helka	STATUS: Substantially Performed. PPP Canada Funded. Cash Flow Budget approved by Finance. NEXT STEPS: 30-year Finance-Operate-Maintain Contract awarded to Harbour City Solutions for the Biosolids Management Project expires in 2050. The 30-year OMR Contract has been transferred to Plant Operations to Manage.
2009	5160966912	Decommission Waterdown WWTP-WW08	6,000,000	2,868,146	650,861	2,480,993	58.7%	S. Leitch	STATUS: Warranty. NEXT STEPS: Warranty End Q1 2021.
2010	5161066065	Waste Hauler Receiving Station	3,439,800	3,063,672	162,083	214,046	93.8%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2021.
2012	5161266213	Dundas WWTP Improvements	1,420,200	493,888	-	926,312	34.8%	S. Leitch	STATUS: Upgrade project on hold. NEXT STEPS: Exploring funding opportunities for the preferred upgrade solution.
2012	5161267270	Ancaster WW Outstations	9,550,000	5,732,772	3,627,461	189,767	98.0%	S. Leitch	STATUS: Work Completed (HC009, HC013). Work in Process - Construction (HC005). NEXT STEPS: Substantial Performance (HC005) Q2 2021.
2012	5161267273	Dundas WW Outstations	2,430,000	1,424,705	14,000	991,295	59.2%	S. Leitch	STATUS: Work Completed (DC005, DC006). Work in Progress - Geotechnical Investigation (DC010). NEXT STEPS: Request for Proposals for Design (DC010) Q1 2021.
2013	5161367752	WW Outstation Inspection - AM	645,000	168,505	-	476,495	26.1%	B. Posedowski	To be closed in the next Closing Report.
2014	5161455420	SERG - Flooding & Drainage MP	555,000	501,248	54,148	(395)	100.1%	C. Cholkan	STATUS: Work Completed - Peer Review Scope. Work in Progress - Flooding and Drainage Master Servicing Study - NEXT STEPS: Completion Q4 2021.
2014	5161467756	Greenhill & Cochrane HCS01	2,920,000	335,027	96,806	2,488,167	14.8%	S. Leitch	STATUS: Work in Progress - Design (Greenhill HCS01 CSO Tank Cleaning and Investigative Services). NEXT STEPS: RFT for Construction (CSO Cleaning) Q1 2021.
2014	5161468422	Randle Reef Sediment Remediate	5,650,000	5,025,000	975,000	(350,000)	106.2%	M. Bainbridge	STATUS: Phase 1-Complete, Phase 2-Construction, Phase 3-Design Complete NEXT STEPS: waiting on completion of phase 2.
2014	5161469076	BCOS-Beyond Compliance OP Sys	243,000	118,925	1,952	122,123	49.7%	A. Grice / Vanderperk/ Girt	Various projects were planned in 2020. Due to the pandemic, some of the projects have been delayed because on-site work is required (e.g. OH&S assistance to close OH&S compliance audit findings). Hope to resume in 2021. 2021 New Project - Upgrade BCOS Database Legal and Other Application: SOW signed in March 2021; \$11,440.00.
2015	5161555264	City-Wide Wastewater MP	950,000	538,268	56,666	355,066	62.6%	B. Sarker	STATUS: Work in Progress NEXT STEPS: Completion in Q2 2022.
2015	5161555545	Capital Works Information Mgmt	280,000	-	-	280,000	0.0%	A. Grice	STATUS: Phase I Work Complete - PMO / BI Collaborative Reporting Project. NEXT STEPS: Roster Award for Phase 2 (Update of PMO Optimization Report) Q1 2021.
2015	5161555955	Inflow & Infiltration	474,000	461,752	-	12,248	97.4%	B. Posedowski	To be closed in the next Closing Report.
2015	5161557545	Wastewater Computer Model	550,000	483,175	-	66,825	87.8%	B. Posedowski	To be closed in the next Closing Report.
2015	5161560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,036,000	886,620	149,086	294	100.0%	M. Oddi	Complete - pending final review/audit/payment. .
2015	5161567564	HC005 - Schedule C EA	990,000	301,895	108,156	579,949	41.4%	S. MacPherson-Nemeth	STATUS: Work in Progress - Emergency Overflow Schedule C Municipal Class EA. NEXT STEPS: Abandonment of the EA process Q2 2021.
2015	5161595858	Binbrook PS Upgrade (WW-20)	6,280,000	4,228,072	457,581	1,594,347	74.6%	S. Leitch	STATUS: Complete. NEXT STEPS: Close-out Project.
2015	5161596855	Royal to Main-King CSO (WW-22)	24,880,000	2,776,855	57,398	22,045,747	11.4%	S. Jacob	Detailed designs and tender in May 2021.
2016	5161655350	Riverdale Flood Relief EA	1,540,000	4,247	-	1,535,753	0.3%	M. Seradj	STATUS: Work Completed - Neighborhood Flood Investigation Study NEXT STEPS: Flow Monitoring and Private Property I&I Reduction Solution Implementation Q1 2022.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2016	5161655351	Lawfield & Berrisfield Area	185,000	239,105	-	(54,105)	129.2%	M. Seradj	STATUS: Work Completed - Neighborhood I&I Reduction Study NEXT STEPS: Flow Monitoring and Private Property I&I Reduction Solution Implementation Q3 2022.
2016	5161660610	Binbrook Manhole & Sewer Rehab	540,000	86,527	-	453,473	16.0%	E. Waite/Zantingh	Complete pending final review/audit.
2016	5161661434	Upsize Wilson Street Forcemain	270,000	4,875	-	265,125	1.8%	M. Seradj	STATUS: Not Started NEXT STEPS: Conceptual Design Scope Verification and issue Project Charter following completion of the current capital works at the pumping station Q1 2022.
2016	5161667421	New Haulage Receiving Station	2,240,000	236,799	21,548	1,981,653	11.5%	S. MacPherson-Nemeth	STATUS: Work Completed - Class EA NEXT STEPS: Land Acquisition, Potential EA Addendum, Conceptual Design Finalization Q3 2021. Detailed Design to follow.
2016	5161667622	FC001 DC009 HC011 Upgrades	6,840,000	1,235,568	759,682	4,844,750	29.2%	S. Leitch	STATUS: Work in Progress - Construction (FC001, DC009) & Design (HC011). NEXT STEPS: RFT for Construction (HC011) Q1 2021. Substantial Performance (FC001, DC009) Q1 2021.
2016	5161695747	Battlefield Trunk Sewer WW-33	12,150,000	1,559,153	-	10,590,847	12.8%	S. Jacob	Engineering Services Project.
2016	5161696452	AEGD - Dickenson Rd FM & Sewer	31,200,000	1,579,239	1,908,539	27,712,222	11.2%	S. Jacob	Engineering Services Project.
2017	5161718420	Grindstone Creek Utility Bridge	998,068	747,421	157,447	93,199	90.7%	E. Waite / Zantingh	Complete - Close once commitments are paid/cleared.
2017	5161755422	Sewer Use Bylaw Enforcement Infor Upgrade	80,000	32,112	19,190	28,698	64.1%	A. Grice / Vanderperk/ Quintero	No further expenditures expected in 2021 as a result of EAM transition. IPS development freeze. Line item transfer of \$23,303.09 from operating account (2020) processed March 2021.
2017	5161755640	Non-Trunk Flow Monitoring	100,000	159,475	-	(59,475)	159.5%	B. Posedowski	To be closed in the next Closing Report.
2017	5161755955	Inflow & Infiltration	300,000	272,681	-	27,319	90.9%	B. Posedowski	To be closed in the next Closing Report.
2017	5161757420	SCADA Rain Gauges	50,000	-	-	50,000	0.0%	M. Seradj	STATUS: Not Started NEXT STEPS: Scope Verification and Issue Project Charter Q4 2022.
2017	5161766421	WWTP Methane Sphere Upgrades	4,400,000	3,222,244	-	1,177,756	73.2%	S. Leitch	STATUS: Complete. NEXT STEPS: Close-out Project.
2017	5161766423	Sewer Use Bylaw 14-090 Parameter Limit Review	300,000	189,945	72,774	37,280	87.6%	A. Grice / Vanderperk/ Quintero	PO 000094364 issued April 29, 2020 - \$ 137,094. Plan to spend full amount by 2021. Currently pointed to operating account. \$75,129.60 spent to date (Jan 2021). Initiate transfer to Capital Account to Jan 15, 2020. No ERIS expenditures expected at this time.
2017	5161766713	Wastewater Maintenance Capital	3,000,000	2,241,400	47,740	710,860	76.3%	S. Lapointe	STATUS: Work in Progress. Close-out Q1 2021 - Strachan CSO Tank Construction - Dundas WWTP Digester Roof - Completion Q2 - 2021 NEXT STEPS: Completion Q4 2021 .STATUS: Work Completed. NEXT STEPS: Account to be closed once purchase orders have been moved (Xfr O/S PO Commitments to 5161966713).
2017	5161766745	Woodward WWTP-Oper Readiness	2,475,000	1,675,925	66,851	732,224	70.4%	S. McCauley	STATUS: Work in Progress. Criticality and Hierarchy structure in review process. NEXT STEPS: Project completion Q1 2021
2017	5161767420	Parkdale Av HC001 WW Statn Upg	670,000	138,047	-	531,953	20.6%	S. Leitch	STATUS: Awaiting for Pump Curves and Modeling Analysis Results. NEXT STEPS: Request for Proposals for Design Q3 2021.
2017	5161767752	WW Outstn Insp -Asset Mgm Prog	220,000	173,929	-	46,071	79.1%	B. Posedowski	To be closed in the next Closing Report.
2017	5161767772	Decommissioning Aberdeen SPS	60,000	-	-	60,000	0.0%	M. Seradj	STATUS: Not Started. The work can proceed once construction of the McMaster Innovation Park Trunk Sewer is completed. NEXT STEPS: Scope Verification and Issue Project Charter Q1 2022.
2017	5161796786	First Street PS Upgrade DC014	5,980,000	1,299,171	4,326,255	354,574	94.1%	S. Leitch	STATUS: Work in Progress - Design. Awarding Tender for Construction. NEXT STEPS: Substantial Performance Q1 2021.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2018	5161855010	Wastewater Systems Planning	300,000	190,292	-	109,708	63.4%	B. Posedowski	To be closed in the next Closing Report.
2018	5161855640	Flow Monitoring Program	50,000	40,813	-	9,187	81.6%	B. Posedowski	To be closed in the next Closing Report.
2018	5161855777	LRT Corridor - Wastewater	570,000	30,781	2,500	536,719	5.8%	B. Sarker	STATUS: on hold NEXT STEPS: Awaiting outcome and next steps of Transit Task Force recommendations.
2018	5161857545	Wastewater Computer Model	280,000	245,402	-	34,598	87.6%	B. Posedowski	To be closed in the next Closing Report.
2018	5161860575	Mainline Sewer Condition Assessment Program - 2018	1,260,000	981,763	372,633	(94,396)	107.5%	E. Waite / Zantingh	Ongoing - work in progress. (CWWF funded) Sufficient revenue to cover deficit.
2018	5161860830	Windemere Rd Sewer Extension, Municipal Act	980,000	939,360	2,691	37,948	96.1%	E. Waite / Zantingh	Complete - Close once commitments are paid/cleared.
2018	5161862850	Eastern Interceptor Repair at the WWTP Aeration Tank	2,800,000	505,603	83,080	2,211,317	21.0%	E. Waite / Zantingh	Construction to begin in Q3 2021.
2018	5161866350	Woodward WWTP Lighting Upgrade	690,000	631,547	-	58,453	91.5%	S. Lapointe	To be closed in the next Closing Report since there are subsequent journal entries.
2018	5161866511	Woodward WWTP - Digester #4	5,500,000	4,247,785	1,254,912	(2,697)	100.0%	S. Lapointe	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2021.
2018	5161866713	Wastewater Maintenance Capital	3,600,000	837,744	375,449	2,386,807	33.7%	S. Lapointe	STATUS: Work in Progress Design - Aeration Gallery Walkways - Construction Q2 - 2021, Dundas WWTP Repairs, North Digesters Condition Assessment. NEXT STEPS: Completion Q4 2022.
2018	5161867752	Wastewater Outstation Inspect	520,000	285,982	20,118	213,900	58.9%	T. Crowley	STATUS: In progress NEXT STEPS: Close WWTP Digester and Rockcliffe SPS condition assessment.
2018	5162166810	Unsched Manhole & Sewermain	500,000	7,238	89,500	403,262	19.3%	N/A	STATUS - PO issued 12/2020 for design of maintenance shop modifications. NEXT STEPS: Design Q1 2021.
2018	5162166810	Woodward WWTP - New Maint Bldg	500,000	7,238	89,500	403,262	19.3%	N/A	STATUS - PO issued 12/2020 for design of maintenance shop modifications. NEXT STEPS: Design Q1 2021.
2019	5161911101	Road Restoration Program - 2019	1,800,000	1,438,360	362,667	(1,027)	100.1%	D. Lamont/ B Waddell	Complete - pending final review/audit/payment.
2019	5161955010	WW Systems Planning Program	600,000	271,608	165,989	162,404	72.9%	M. Seradj	STATUS: Work in Progress or Completed - Multiple WW system planning related studies. NEXT STEPS: Initiate relevant WW system planning studies as required - Ongoing.
2019	5161955640	Flow Monitoring Program	350,000	64,262	164,000	121,738	65.2%	B. Sarker	STATUS: Work in Progress - 2-year Sanitary Service Flow Monitoring in Binbrook and Citywide Rain Gauges Monitoring. NEXT STEPS: Completion Q1 2022.
2019	5161955955	Inflow & Infiltration Studies	500,000	180,251	56,241	263,508	47.3%	B. Sarker	STATUS: Work Completed - West Mountain Inflow and Infiltration Study and Binbrook SPS HC058 Capacity Analysis and Wet Weather Relief Class EA NEXT STEPS: PO Closure Q1 2021.
2019	5161957545	Wastewater Computer Model	380,000	25,793	158,908	195,299	48.6%	M. Seradj	STATUS: Work in Progress or Completed - Multiple WW systems computer modelling studies. NEXT STEPS: Exiting Model Maintenance and Initiate new WW systems computer modelling assignments as required Ongoing.
2019	5161960302	Emergency Repairs - Cross Connections - 2019	750,000	196,629	285,010	268,361	64.2%	N. Winters / Alberton	Ongoing - Work in progress - this account funds the investigation and correction of sewer lateral cross connections.
2019	5161960522	Sewer Lateral Management Program (WWC) - 2019	4,500,000	3,969,242	474,189	56,570	98.7%	N. Winters / Alberton	Complete, close once P.O. has been plaid/cleared March 1, 2021.
2019	5161960574	Pre-Construction Mainline Condition Assessment	580,000	396,251	-	183,749	68.3%	E. Waite / Zantingh	Ongoing - work in progress.
2019	5161960577	Mainline Sewer Condition Assessment for Compliance & Regs - 2019	167,000	31,212	90,544	45,244	72.9%	E. Waite / Zantingh	Ongoing - work in progress.
2019	5161960820	Open Cut Repairs for CIPP Program - 2019	580,000	433,301	1,701	144,999	75.0%	E. Waite / Zantingh	Complete - Close once commitments are paid/cleared.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2019	5161960942	Ancaster Sewage Pipeline Rehab	7,060,000	6,371,491	615,674	72,835	99.0%	E. Waite / Zantingh	Ongoing - work in progress.
2019	5161966102	Woodward WWTP - Expansion	3,250,000	12,962	-	3,237,038	0.4%	J. Helka	STATUS: On Hold. Timing of the Woodward WWTP Expansion is dependent upon Consultant's recommendation of flow projections using model for capacity.
2019	5161966151	SCADA servers and network	1,500,000	473,392	67,035	959,573	36.0%	G. Botha	STATUS: Work in Progress - Design (Woodward SCADA 2019 Servers & Network Endlife Replacement), Supply & Installation of Hardware and software (SCADA servers, network and associated equipment). Hardware purchased 2020/2021 NEXT STEPS: RFP Consulting Services Q2 2021.
2019	5161966511	Woodward WWTP - Digester #5	3,000,000	-	559,112	2,440,888	18.6%	S. Lapointe	STATUS: This project is both Digester 3 & 5, RFP to be issued to PMO Q1 - 2021. Policy 14 Mixer pre-purchase complete awaiting delivery Q2 - 2021.
2019	5161966612	Woodward WWTP - SouthSecondary	4,500,000	-	4,420,000	80,000	98.2%	J. Helka	STATUS: Work in Progress - Construction (Tertiary Treatment). NEXT STEPS: Substantial Performance Q3 2022.
2019	5161966713	Wastewater Maintenance Capital	4,000,000	1,021,323	951,044	2,027,633	49.3%	S. Lapointe	STATUS: Work in Progress. Design - Headworks Biofilter - Construction Q2 - 2021 Design - Scenic Reservoir - Construction Q3 2021 Chedoke Creek Water Quality Improvement Study First Street SCADA Programming Emergency Mounted Generators RTC - Wet Weather Flows HSWAS TWAS Polymer System Refurb Dundas WWTP Rehab NEXT STEPS: Completion Q4 2023.
2019	5161967123	AEGD Growth Initiative	15,000,000	2,144,301	7,214,640	5,641,059	62.4%	S. Leitch	STATUS: Work in Progress - Construction (HC019 English Church SPS, HC027 Homestead SPS, HC018 Twenty SPS). NEXT STEPS: Substantial Performance HC019 & HC027 January 2021, HC018 April 2021.
2019	5161967752	WW Outstation Inspections	520,000	149,477	346,610	23,913	95.4%	T. Crowley	STATUS: In progress NEXT STEPS: Complete Beach Blvd HC031, Dundas WWTP Digester, AM program and Woodward WWTP Audit projects.
2019	5161968920	Fennell-Greenhill Drop Shaft	680,000	128,926	48,226	502,849	26.1%	E. Waite / Zantingh	Ongoing - work in progress.
2019	5161971015	Sewer Lateral Replacement for Co-ordinated Projects - 2019	430,000	297,879	67,833	64,289	85.0%	E. Waite / Zantingh	Ongoing - work in progress.
2019	5161971074	Contingency for Unscheduled Works Program - 2019	160,000	14,307	49,503	96,190	39.9%	E. Waite / McNab	Complete - Close once commitments are paid/cleared.
2019	5161971905	Cheever - Barton to Birge and Birge - Cheever to Wentworth	90,000	20,884	65,208	3,908	95.7%	M. Oddi	Complete - pending final review/audit/payment.
2019	5161971945	Sheaffe / Park / Mulberry (Central Nbhd (North))	2,350,000	454,606	1,687	1,893,707	19.4%	E. Waite / Zantingh	2021 Construction. Project is currently tendered.
2020	5162001099	Eng Services Staffing	4,700,000	4,122,555	-	577,445	87.7%	E. Waite / McNab	2020 Engineering Services actual costs lower than budget due to salary gapping, etc. Surplus will be used to fund the 2022 ES Staffing Costs - Roads project.
2020	5162011101	Annual Road Restoration	1,800,000	1,646,899	171,963	(18,861)	101.0%	D. Lamont/ B Waddell	Ongoing - work in progress. Anticipate completion by Q2 2021.
2020	5162025045	Hopkins Court - Municipal Act	-	1,432	10,500	(11,932)	N/A	N/A	Project will be tendered in Feb 2021 and construction in 2021. Corporate Services to add budget per report to PW Committee June 17/20.
2020	5162049555	QA-QC Service Contract 2020	140,000	52,565	79,028	8,408	94.0%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162055010	WW Systems Planning Program	380,000	79,426	193,440	107,134	71.8%	M. Seradj	STATUS: Work in Progress or Completed - Multiple WW system planning related studies. NEXT STEPS: Initiate relevant WW system planning studies as required - Ongoing.
2020	5162055022	Engineering Consultants	300,000	112,628	139,382	47,990	84.0%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162055050	Municipal Class EA Studies	400,000	-	-	400,000	0.0%	M. Seradj	STATUS: Scope Verification NEXT STEPS: Issue Charter Q2 2021.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2020	5162055556	Mapping Update Program	40,000	164	-	39,836	0.4%	D. Lamont/ Lauricella	Ongoing - work in progress. Anticipate completion by year end 2021.
2020	5162055800	Sewer Outfall Monitor Study	150,000	122,897	26,390	713	99.5%	C. Cholkan	STATUS: Work in Progress - CSO Outfall Monitoring Feasibility NEXT STEPS: Completion Q1 2021. Design of study recommendations to follow.
2020	5162055801	Woodward WWTP Facility Plan	350,000	-	-	350,000	0.0%	S. MacPherson-Nemeth	STATUS: Scope verification and Request for Proposal development for Consulting Services to complete a facility plan for the WWTP Expansion NEXT STEPS: Risk Audit study to be undertaken in Q1 2021 to inform the scope for the facility planning study.
2020	5162055878	Forcemain Condition Assessment	270,000	21,684	26,191	222,125	17.7%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162055880	I&I Flow Monitoring Program	500,000	67,767	117,425	314,808	37.0%	C. Cholkan	STATUS: Work in Progress - Multiple WW systems flow monitoring studies NEXT STEPS: Initiate new flow monitoring and / or Inflow & Infiltration studies / programs as required - Ongoing.
2020	5162057545	WW Comp Model Update & Maint	660,000	-	-	660,000	0.0%	M. Seradj	STATUS: Scope Development NEXT STEPS: Exiting Model Maintenance Studies and Initiate new WW systems computer modelling assignments as required Ongoing.
2020	5162060044	Battlefield Crk Trunk Cleaning	250,000	1,024	-	248,976	0.4%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162060302	Annual Emerg Repairs-X Connect	700,000	-	-	700,000	0.0%	N. Winters / Alberton	Ongoing - Work in progress - this account funds the investigation and correction of sewer lateral cross connections.
2020	5162060390	Wastewater System Lining	4,050,000	1,166,470	2,284,786	598,744	85.2%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162060522	Annual Sewer Lateral Manag-WWC	4,250,000	24,250	1,394,045	2,831,706	33.4%	N. Winters / Alberton	On going - to be fully committed to P.O. by March 2021.
2020	5162060533	Trenchless Manhole Rehab	70,000	287	11,869	57,845	17.4%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162060574	Pre-Con Mainline Assessment	500,000	22,052	159,199	318,749	36.3%	E. Waite / Zantingh	Ongoing - Work in progress.
2020	5162060575	Mainline Condition Assessment	1,640,000	321,661	170,615	1,147,724	30.0%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162060576	Sewer Lateral Condition Assess	540,000	2,723	-	537,277	0.5%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162060577	Mainline Sewer Assess for C&R	100,000	1,390	-	98,610	1.4%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162060711	Annual Capital Wtr Consumption	180,000	129,321	-	50,679	71.8%	E. Waite / McNab	Complete - surplus will be used to WIP fund the 2022 Capital Water Consumption Program.
2020	5162060820	Open Cut Repairs for CIPP	500,000	2,047	283,775	214,178	57.2%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162060999	Closed Projects - Wastewater	-	-	-	-	N/A	E. Waite / McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2020	5162061006	Inverness Trunk Rehab	200,000	819	-	199,181	0.4%	E. Waite / Zantingh	Construction to begin in Q2 2021.
2020	5162061051	Satellite City Trunk Rehab	8,750,000	35,823	-	8,714,177	0.4%	E. Waite / Zantingh	Q3-Q4 2021 Completion.
2020	5162061444	Annual Private Drain Repairs	3,600,000	110,927	2,953,050	536,023	85.1%	E. Waite / Zantingh	Ongoing - work in progress.
2020	5162061740	Unsched Manhole & Sewermain	500,000	464,265	38,146	(2,411)	100.5%	N. Winters / Alberton	Close once p.o. has been paid/cleared.
2020	5162062073	Field Data Systems Program	110,000	42,778	2,000	65,222	40.7%	D. Lamont/ Lauricella	Ongoing - work in progress - to be complete by year end 2021.
2020	5162062543	CSO Characterization Program	450,000	178,826	51,164	220,010	51.1%	S. MacPherson-Nemeth	STATUS: Work in Progress - CSO Characterization Program NEXT STEPS: Completion Q2, 2021. Next CSO Characterization study to initiate in 2025.

Capital Projects Status Report - Rate Supported
As of December 31, 2020

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of December 31, 2020
			a	b	c	d	e		
2020	5162066311	Woodward WWTP Digester 3	250,000	-	-	250,000	0.0%	S. Lapointe	STATUS: Delivery Approach has been changed and Tender will be issued with Digester #5. NEXT STEPS: Account to be closed through the 2021 Rates Budget (WIP Fund 5161966511 by \$250k).
2020	5162066813	Dundas WWTP Health & Safety	4,900,000	34,716	994,627	3,870,657	21.0%	S. Leitch	STATUS: Work in Progress - Construction (Dundas WWTP Rehabilitation of the Tertiary Treatment System). Condition Assessment (Health & Safety) NEXT STEPS: Tertiary - Substantial Performance Q2 2021. Health & Safety RFP Design Q3 2021.
2020	5162067065	Eastport SPS (HC017) Upgrades	390,000	-	-	390,000	0.0%	S. Leitch	"NEXT STEPS: CD Awaiting completion of a System Planning flooding assessment.
2020	5162067275	FC001 Elgin SPS	550,000	-	-	550,000	0.0%	S. Leitch	NEXT STEPS: On-Hold: Awaiting assessment of ongoing wetwell repairs to determine life expectancy and timing of this project
2020	5162067420	Main & King CSO Rehab	350,000	-	-	350,000	0.0%	S. Lapointe	STATUS: Charter revisions in progress. RFP to be issued late Q1 - 2021 to PMO.
2020	5162067425	Hillside SPS (DC006) Upgrades	280,000	-	-	280,000	0.0%	S. Leitch	NEXT STEPS: Scope Verification & Issue Project Charter Q3 2021.
2020	5162067752	WW Outstation Inspections	520,000	85,849	67,260	366,891	29.4%	G. Giovinzazo	STATUS: in progress NEXT STEPS: complete Beach Blvd HC051 condition assessment.
2020	5162068851	Pier 25 Dredging - Windermere	170,000	73,986	-	96,014	43.5%	S. Leitch	STATUS: Final Report Received. NEXT STEPS: Design Contract Admin Award Q1 2022.
2020	5162069075	Environmental Lab Improvements	150,000	(3,673)	152,560	1,112	99.3%	A. Grice / Vanderperk/ Eszes	Ongoing work in progress - expected to be completed April 2021.
2020	5162071006	Hillcrest - Chedoke san swr	60,000	246	57,576	2,178	96.4%	E. Waite / Zantingh	C15-10-20 awarded - construction 2021.
2020	5162071015	Sewer Lateral Replace-Roads	270,000	1,105	-	268,895	0.4%	E. Waite / Zantingh	Ongoing - Work in progress.
2020	5162071074	Annual Unshed Works - 2020	180,000	17,405	-	162,595	9.7%	E. Waite / McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2020	5162071315	LRT Main - Queenston	1,160,000	-	-	1,160,000	0.0%	E. Waite / Zantingh	LRT Cancelled, project to be reprioritized in capital budget.
2020	5162080089	Rymal-Fletcher to U Centennial	5,330,000	1,692,833	2,269,876	1,367,291	74.3%	M. Oddi	Ongoing - C15-50-19 2020/21 Construction.
2020	5162095800	Flooding & Drainage MP	880,000	-	-	880,000	0.0%	C. Cholkan	STATUS: Scope Verification - Flooding and Drainage Master Plan Capital Improvements NEXT STEPS: The current Flooding and Drainage Master Servicing Study to be completed by Q4, 2021 to make capital improvement recommendations for flood mitigation.
Sub-Total Wastewater Regular Program			787,715,672	476,850,662	172,925,666	137,939,345	82.5%		

*Note: Due to significant funds and multi-year cash flows, funded budget = expenditures and commitments

TOTAL PUBLIC WORKS - RATE FUNDED	1,143,652,672	665,940,515	201,161,740	276,550,417	75.8%
---	----------------------	--------------------	--------------------	--------------------	--------------