

City of Hamilton
Capital Projects Status Report - Rate Supported
As of June 30, 2021

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 June 30, 2021
			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 / G. Norman	Expected deficit should be able to be addressed with the sale of 863 Nebo Road.
2010	5141080092	Binbrook-Water Tower-Fletcher	480,000	356,774	-	123,226	74.3%	E .Waite / M. Zantingh	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 / G. Norman	Allocation to pay for unanticipated intensification projects when identified. Pilot project completed. Review commitments and close.
2011	5141180195	Green Mtn-First W to Upp Centennial	760,000	322,572	-	437,429	42.4%	T. Sergi / G. Norman	Project constructed. Reviewing for final payments.
2011	5141196011	2011 Intensification Infra Upgrades	400,000	3,462	-	396,538	0.9%	T. Sergi / G. Norman	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 / G. Norman	Project constructed. Reviewing for final payments.
2013	5141380377	Arvin - McNeilly to 350m West	100,000	107,523	-	(7,523)	107.5%	T. Sergi / G. Norman	Project complete; final reconciliation required.
2014	5141480480	Cormorant Rd WM Extension	500,000	-	-	500,000	0.0%	T. Sergi / G. Norman	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 / G. Norman	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 / G. Norman	Project complete; transfer to PW for reconciliation.
2016	5141680680	Miles - Ext Terni (E & W leg)	80,000	-	-	80,000	0.0%	T. Sergi / G. Norman	To be constructed when adjacent development proceeds.
2016	5141680682	Dundas - Spring Crk to Skinner	570,000	11,916	-	558,084	2.1%	T. Sergi / G. Norman	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 / G. Norman	Project constructed. Reviewing for final payments.
2017	5141796011	2017 Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi / G. Norman	Allocation to pay for unanticipated intensification projects when identified.
2018	5141880886	Pritchard Connect WM 355-601	110,000	-	-	110,000	0.0%	T. Sergi / G. Norman	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 / G. Norman	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 / G. Norman	Project not started. To be scoped in 2021.
2019	5141996011	2019-Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi / G. Norman	Allocation to pay for unanticipated intensification projects when identified.
<i>Sub-Total Water Growth Program</i>			41,011,360	30,191,243	54,211	10,765,906	73.7%		

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<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 / G. Norman	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 / G. Norman	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 / G. Norman	Pond constructed, reviewing the status of completeness.
2008	5180880855	Cathcart - Barton to 150m S	500,000	192,134	-	307,866	38.4%	T. Sergi / G. Norman	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 / G. Norman	Pond constructed. Appropriate funds from 5181180090, then close.
2008	5180880864	SWMP W6 North - Parkside Hills	511,090	491,288	-	19,802	96.1%	T. Sergi / G. Norman	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 / G. Norman	Project complete, pending final review of invoices.
2009	5180980961	Parkside Drive Storm Sewer	1,420,000	425,949	-	994,051	30.0%	T. Sergi / G. Norman	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 / G. Norman	Project complete. Project to be closed once a funding source for the deficit is identified.
2009	5180980983	SWMP H8 -N of Rymal At Quarry	1,490,000	1,742,070	-	(252,070)	116.9%	T. Sergi / G. Norman	Project complete. Project to be closed once a funding source for the deficit is identified.
2010	5181055057	Airport Employment - Ph 3&4 EA	500,000	50,880	-	449,120	10.2%	T. Sergi / G. Norman	Implementation Strategy completed. Consider using for SWM Master Plan Update.
2010	5181080091	Rymal-SWMP H8 - Trinity Church	1,500,000	1,919,524	-	(419,524)	128.0%	T. Sergi / G. Norman	Pond constructed. Appropriate funds from 5181180090, then close.
2010	5161096011	2010 Intensification Infra Upgrades	400,000	1,111,783	-	(711,783)	277.9%	T. Sergi / G. Norman	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	916,757	-	(306,757)	150.3%	T. Sergi / G. Norman	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 / G. Norman	To be constructed by developer as development proceeds. Portion from Raymond to approximately 380m west constructed. Additional funds to be approved in 2022.
2011	5161196011	2011 Intensification Infrs Upgrade	400,000	356,278	41,202	2,520	99.4%	T. Sergi / G. Norman	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 / G. Norman	Project complete, pending final review of invoices.
2011	5181159150	Res Drainage Assistance Program	520,000	446,817	60,787	12,397	97.6%	T. Sergi / G. Norman	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 / G. Norman	Project completed. Surplus of funds to be appropriated to various projects then closed.
2012	5161280290	Nash Area WW Sewer Outlet	4,530,000	3,766,241	-	763,759	83.1%	T. Sergi / G. Norman	Sewer constructed in conjunction with development (Penady); 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 / G. Norman	Sewer constructed in conjunction with development (Penady); reviewing for status of completeness.
2012	5181280280	SWMP A20 Limestone Manor	570,000	411,457	-	158,543	72.2%	T. Sergi / G. Norman	Pond constructed. Developer to submit request for payment.
2012	5181280293	SWMP - A16 D'Amico Cimino Land	2,100,000	2,345,523	-	(245,523)	111.7%	T. Sergi / G. Norman	Pond constructed. Appropriate funds from 5181180090, then close.
2012	5181280294	SWMP W19 - Parkside Hills Ph 2	2,210,000	-	-	2,210,000	0.0%	T. Sergi / G. Norman	To be constructed by developer in conjunction with Park Place Phase 2. Construction started.
2012	5181280297	SCUBE Master Drainage Plan EA	648,128	352,297	-	295,831	54.4%	T. Sergi / G. Norman	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 / G. Norman	Project complete, pending final review of invoices.

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2013	5181380090	2013 Annual Storm Water Mngmnt	4,000,000	2,204,439	-	1,795,561	55.1%	T. Sergi / G. Norman	Consider closing in 2021.
2013	5181380377	Arvin - McNeilly to 350m West	540,000	345,313	30,805	163,882	69.7%	T. Sergi / G. Norman	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 / G. Norman	Project complete; transfer to PW for reconciliation.
2013	5181380390	Highland - Upper Mount Albion	850,000	293,226	-	556,774	34.5%	T. Sergi / G. Norman	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 / G. Norman	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	5181480485	SWMP - H-9 Mewburn-Sheldon	3,140,000	2,655,638	54,100	430,262	86.3%	T. Sergi / G. Norman	Pond complete. Final costs being reviewed.
2014	5181480486	SWMP - St Elizabeth Ponds	560,000	12,177	-	547,823	2.2%	T. Sergi / G. Norman	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 / G. Norman	Costs to be reviewed. Need to find funding source to address the deficit. Appropriations in process from 5181480090, 5181280090, 5181080090
2015	5181580585	Sheldon (H-9) & Mewburn (H-24)	800,000	-	35,000	765,000	4.4%	T. Sergi / G. Norman	Project start imminent; being constructed by 1125 West 5th developer.
2015	5181580586	SWMF H-24 (Mewburn Pond)	6,430,000	5,286,875	748,713	394,411	93.9%	T. Sergi / G. Norman	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 / G. Norman	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 / G. Norman	Sewer constructed in conjunction with road; reviewing for status of completeness.
2017	5161796011	2017 Intensification Infrac Upgrade	400,000	-	-	400,000	0.0%	T. Sergi / G. Norman	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 / G. Norman	Consider closing in 2021. Specific projects have been submitted for 2022.
2017	5181780785	RHBP-Dartnall-Stone to Rymal	1,045,000	1,070,155	-	(25,155)	102.4%	T. Sergi / G. Norman	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 / G. Norman	Sewer constructed in conjunction with road; reviewing for status of completeness.
2018	5181880090	2018 Annual Storm Water Mngmnt	4,000,000	1,340,996	-	2,659,004	33.5%	T. Sergi / G. Norman	Consider closing in 2021. Specific projects have been submitted for 2022.
2018	5181880281	Greystones Channel Rehab	200,000	-	-	200,000	0.0%	T. Sergi / G. Norman	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 / G. Norman	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 / G. Norman	Under construction by Parkside Hills developer.
2018	5181880872	Flanders Drive Flooding	270,000	-	-	270,000	0.0%	T. Sergi / G. Norman	Improvements constructed. Payment subject to finalization of 2014 DC appeal. Expect payment to be made in Q4 2021.
2018	5181880887	Street A Extension to Pritchard SS	350,000	-	-	350,000	0.0%	T. Sergi / G. Norman	Project will be initiated in conjunction with 25T-201402. Still requires HCA permit and permit from Hydro One.
2019	5161980955	Centennial-Servicing Study	100,000	-	-	100,000	0.0%	T. Sergi / G. Norman	Project not started. To be scoped in 2021.
2019	5161996011	Intensification Infrac Upgrades	400,000	88,567	13,000	298,433	25.4%	T. Sergi / G. Norman	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 / G. Norman	Consider closing in 2021. Specific projects have been submitted for 2022.
2019	5181980960	RR56 & Swayze Road	3,320,000	3,313,942	-	6,058	99.8%	T. Sergi / G. Norman	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 / G. Norman	Pond has been constructed by developer (Central Park). Developer to submit request for payment.

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2019	5181980981	SWMP-W1 Waterdown Bay Ph2	3,400,000	-	-	3,400,000	0.0%	T. Sergi / G. Norman	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	-	-	4,000,000	0.0%	T. Sergi / G. Norman	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 / G. Norman	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 / G. Norman	Pond has been constructed by developer (Waterdown Bay Phase 2). Developer to submit request for payment.
2020	5162080961	Roxborough Prk Intensification	1,500,000	-	54,910	1,445,090	3.7%	T. Sergi / G. Norman	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 / G. Norman	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 / G. Norman	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 / G. Norman	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>			129,557,668	61,722,698	1,038,517	66,796,453	48.4%		
Sub-Total Growth Management Division			170,569,028	91,913,942	1,092,728	77,562,359	54.5%		
TOTAL PLANNING & ECONOMIC DEVELOPMENT			170,569,028	91,913,942	1,092,728	77,562,359	54.5%		

PUBLIC WORKS RATE FUNDED PROJECTS

Storm Sewers Regular Program

2009	2110953900	Randle Reef Rehab Project	8,125,000	8,122,735	-	2,265	100.0%	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	732,146	64,240	1,773,614	31.0%	T. Winterton	STATUS: Functional Design completed; MECP approval in progress. NEXT STEPS: Hand-over to Eng. Services for implementation 2021.
2012	5181272290	Storm Sewer Upgrades - 2012	7,494,000	7,332,529	-	161,471	97.8%	E. Waite / P. McNab	Project complete. Appropriation adjustment in process. Will be closed as part of the Sept 30/21 BER.
2013	5181355350	SERG Studies & Assessments	740,000	730,451	17,876	(8,327)	101.1%	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	252,579	47,105	370,316	44.7%	S. Jacob / M. Zantingh	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
2014	5181455420	SERG - Flooding & Drainage MP	645,000	170,254	406,142	68,604	89.4%	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 / M. Zantingh	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 / D. Alberton	Construction Works Complete. Monitoring work to commence until 2022.
2015	5181555077	Zoom Camera Inspection - Data Component	760,000	588,837	157,732	13,431	98.2%	E. Waite / M. Zantingh	Ongoing - work in progress.

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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	5181562590	SWMP Retrofits	660,000	256,290	7,869	395,841	40.0%	T. Sergi / G. Norman	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	341,147	14,000	144,853	71.0%	B. Posedowski	STATUS: Work in Progress - Lower Spencer Creek Sub watershed 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.
2017	5181755420	Stormwater Drainage Review	280,000	253,268	31,336	(4,604)	101.6%	B. Posedowski	STATUS: Consultant Study Complete NEXT STEPS: Stakeholder Consultation and Staff Report Q1 2021
2017	5181755421	SERG - SW System Planning	280,000	199,688	57,085	23,226	91.7%	B. Posedowski	STATUS: 2 projects, (a) Cont.. for Ancaster Intensification -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	2,050,000	45,156	-	2,004,844	2.2%	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	66,949	21,654	141,397	38.5%	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 2021.
2018	5181874841	Lower Davis Creek - Flood Control Facility	550,000	57,376	41,030	451,594	17.9%	N. Winters / D. Alberton	Ongoing - Limited Resources to Deliver Work Plan.
2019	5181917152	Cross Road Culvert Program - 2019	1,390,000	960,504	202,465	227,031	83.7%	M. Field / M. Pastuszok	Remaining funds allocated to 2021 programs. Construction began on various contracts in July 2021.
2019	5181917549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span) - 2019	620,000	58,609	-	561,391	9.5%	M. Field / M. Pastuszok	WIP fund \$250K for 2022 Concrete Box Culvert Rehabilitation/Repair program. WIP fund \$310K for 2022 Catch Basin Replacement/Rehabilitation Program.
2019	5181955350	Climate Change Impact Assess	550,000	105,153	61,682	383,165	30.3%	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	174,229	175,563	130,208	72.9%	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	1,465	149,911	928,624	14.0%	B. Posedowski	STATUS: Not started NEXT STEPS: Assign PMs and charter projects Q2 2021.
2019	5181967500	DMAF-CSO Backflow Preventors	1,050,000	62,012	132,413	855,575	18.5%	S. Leitch	STATUS RFP Design Q1 2021 NEXT STEPS: Design 2021.
2019	5181972074	Contingency for Unscheduled Works Program - 2019	242,000	59,543	171,299	11,158	95.4%	E. Waite / P. McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2019	5181972291	Haddon - Sterling to Marion	257,000	135,153	24,407	97,440	62.1%	M. Oddi	Complete - pending final review/audit/payment.
2019	5181972940	Evans Road Culvert Twinning	1,270,000	158,688	1,069,483	41,829	96.7%	M. Oddi	Ongoing - C15-19-21 - construction 2021.
2019	5181974950	Watercourse & Drainage Mtn	580,000	35,000	-	545,000	6.0%	N. Winters / D. Alberton	\$545k to be used to WIP fund 2022 Program.
2019	5181980961	Roxborough Storm Outlet	950,000	-	-	950,000	0.0%	T. Sergi / G. Norman	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	5182017040	Hwy 97 Culvert Improvements	760,000	38,341	122,664	598,995	21.2%	E. Waite / M. Zantingh	Ongoing - work in progress.

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2020	5182017152	Roadside Drainage Improvements	1,400,000	104,115	285,086	1,010,799	27.8%	M. Field / M. Pastuszok	Remaining funds allocated to 2021 programs. Status explanation same as 5182117152. Construction began on various contracts in July 2021.
2020	5182017458	Catch Basin Replace & Rehab	500,000	200,385	97,711	201,904	59.6%	M. Field / S. Cooper	WIP fund \$190K for 2022 Catch Basin Replacement/Rehabilitation Program.
2020	5182017549	Concrete Box Culvert - TOM	250,000	-	-	250,000	0.0%	M. Field / M. Pastuszok	The funds will be used as unexpected repairs arise.
2020	5182017550	Concrete Box Culvert - ES	250,000	1,024	245,000	3,976	98.4%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5182049555	QA-QC Service Contract 2020	195,000	573	-	194,427	0.3%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5182055421	SW System Planning Program	380,000	33,943	820	345,237	9.1%	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 / C. Lauricella	\$40K to be appropriated to 2021 project to consolidate for 2022 program
2020	5182055825	Stormwater Drainage Analysis	760,000	306,019	444,434	9,547	98.7%	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	5182060622	SWM Pond-Creek Maint Prog 2020	1,700,000	1,003,113	532,737	164,151	90.3%	N. Winters / D. Alberton	Ongoing - work in progress.
2020	5182060722	Annual Municipal Drain Mtnc	610,000	82,204	-	527,796	13.5%	N. Winters / D. Alberton	Ongoing - Future works anticipated from Staff Report to Council (Staff Report currently delayed)
2020	5182060999	Closed Projects - Storm	105,000	-	232,951	(127,951)	221.9%	E. Waite / P. 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	590,000	409	-	589,591	0.1%	E .Waite / M. Zantingh	Construction delayed until 2023 due to ongoing environmental studies.
2020	5182062073	Field Data Systems Program	110,000	56,592	-	53,408	51.4%	D. Lamont / C. Lauricella	\$54K to be appropriated to 2021 project to consolidate for 2022 program
2020	5182067875	Beach Strip SW Pump Station	300,000	21,634	285,070	(6,703)	102.2%	B. Posedowski	STATUS: EA Study in progress NEXT STEPS: Land Acquisition, If Required Q4 2021.
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	1,390,000	1,281,152	29,256	79,592	94.3%	M. Oddi	Complete - pending final review/audit/payment.
2020	5182074950	Watercourse & Drainage Mtnc	810,000	612	47,785	761,604	6.0%	N. Winters / D. Alberton	Ongoing - Limited Resources to Deliver Work Plan. (No 2021 Budget allocated)
2020	5182074951	Shoreline Protection Program	400,000	11,391	118,504	270,105	32.5%	N. Winters / D. Alberton	Ongoing - 2021 work.
2020	5182080089	Rymal - Fletcher to Up Cent	1,621,000	1,012,087	593,936	14,978	99.1%	M. Oddi	Ongoing - C15-50-19 - construction 2020/21
2021	5182101099	Eng Services Staffing	1,100,000	670,977	-	429,023	61.0%	E. Waite / P. McNab	To fund Engineering Services staffing costs through capital for work on road related capital projects, both in-year and future.
2021	5182117152	Roadside Drainage Improvements	1,500,000	9,550	36,688	1,453,762	3.1%	M. Field / M. Pastuszok	Construction for Culvert Replacement Program and Ditching Program began in July 2021. Currently the project is on target and within budget. Target completion date is accurate
2021	5182117458	Catch Basin Replace & Rehab	500,000	284,858	120,069	95,073	81.0%	M. Field / S. Cooper	New PO created and work completed on an as required basis. Increased funding has been requested due to the demand of failed CB leads.
2021	5182117549	Concrete Box Culvert - TOM	250,000	-	-	250,000	0.0%	M. Field / M. Pastuszok	The funds will be used as unexpected repairs arise.
2021	5182117550	Concrete Box Culvert - ES	250,000	934	35,927	213,139	14.7%	E .Waite / M. Zantingh	Ongoing - work in progress.

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2021	5182149555	QA-QC Service Contract 2021	174,000	4	-	173,996	0.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5182155347	Watercourse Erosion Site Rehab	280,000	-	-	280,000	0.0%	B. Posedowski	Ongoing - work in progress.
2021	5182155556	Mapping Update Program	57,000	589	28,500	27,911	51.0%	D. Lamont / C. Lauricella	Ongoing - work in progress.
2021	5182160129	Res Drainage Assistance Prog	100,000	-	6,000	94,000	6.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182160533	Trenchless Manhole Rehab	70,000	-	-	70,000	0.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5182160622	SWM Pond-Creek Maint Prog 2021	2,000,000	3,001	1,500,000	496,999	75.2%	N. Winters / D. Alberton	Ongoing - 2021 work.
2021	5182160722	Annual Municipal Drain Mtnce	700,000	-	-	700,000	0.0%	N. Winters / D. Alberton	Ongoing - Future works anticipated from Staff Report to Council (Staff Report currently delayed)
2021	5182161740	Unsched Manhole & Sewermain	118,373	-	-	118,373	0.0%	N. Winters / D. Alberton	Fully Committed by August 1st 2021
2021	5182162073	Field Data Systems Program	110,000	-	15,000	95,000	13.6%	D. Lamont / C. Lauricella	Ongoing - work in progress.
2021	5182167751	Stormwater Infrac Assessment	280,000	-	-	280,000	0.0%	B. Posedowski	Ongoing - work in progress.
2021	5182168651	Windermere Basin Shore Rehab	170,000	-	-	170,000	0.0%	J. Helka	Ongoing - work in progress.
2021	5182170010	Barton - Parkdale to Talbot RR	1,700,000	-	-	1,700,000	0.0%	E .Waite / M. Zantingh	To be tendered in the Q3-Q4.
2021	5182172011	HWY 8 - Bond to Woodleys Lane	2,150,000	326,772	1,143,441	679,787	68.4%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022
2021	5182172205	Glenmorris (York Heights Nbhd)	30,000	-	-	30,000	0.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5182172210	Barton - Parkdale to Talbot	1,530,000	-	-	1,530,000	0.0%	E .Waite / M. Zantingh	To be tendered in the Q3-Q4.
2021	5182174275	Stormwater Management Facility	1,000,000	-	-	1,000,000	0.0%	B. Posedowski	Ongoing - work in progress.
2021	5182174680	Storm Sewer Network Planning	660,000	38,662	-	621,338	5.9%	B. Posedowski	Ongoing - work in progress.
2021	5182174840	Stormwater Replacement Project	500,000	-	-	500,000	0.0%	B. Posedowski	Ongoing - work in progress.
2021	5182174951	Shoreline Protection Program	1,320,000	-	22,620	1,297,380	1.7%	N. Winters / D. Alberton	Ongoing - 2021 work.
2021	5182180090	Annual SWM Program	4,000,000	-	-	4,000,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180150	Chedmac - Southridge to 80m E	230,000	154,365	-	75,635	67.1%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180280	Airport-Homestead-Mountaingate	1,360,000	-	-	1,360,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180281	Rymal - Massina to 140m E	70,000	-	-	70,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180285	SWMP - SM20	1,125,000	-	-	1,125,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180584	Nebo - Rymal to Twenty Rd E	2,000,000	-	-	2,000,000	0.0%	S. Jacob / G. Norman	Project delivery delayed to 2022 due to outstanding scope for storm sewer on which Hamilton Water is currently working.
Sub-Total Storm Sewers Regular Program			84,433,373	35,433,056	9,545,478	39,454,838	53.3%		

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Waterworks Regular Program									
2011	5141166110	WTP - Process Upgrades	30,960,000	26,143,255	3,879,225	937,520	97.0%	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	Greenville 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	3,038,755	240,772	75,473	97.8%	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	1,180,559	3,048	4,436,393	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	6,997,049	-	1,622,951	81.2%	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	541,222	478,584	1,580,194	39.2%	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	3,410,000	456,822	8,939	2,944,239	13.7%	B. Posedowski	Class EA is complete. Next steps ongoing.
2014	5141455425	Concrete Pipe Condition Assessment	2,750,000	2,539,780	205,864	4,356	99.8%	E .Waite / M. Zantingh	Ongoing - work in progress.
2014	5141495551	PD7 Elevated Reservoir W-23	2,600,000	683,146	1,170,721	746,133	71.3%	S. Leitch	STATUS: Class EA is complete NEXT STEPS: initiation of design and construction.
2015	4411506103	Pier 8 Sanitary PS & Forcemain	14,851,000	12,299,473	703,181	1,848,345	87.6%	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	246,733	326,025	377,242	60.3%	B. Sarker	STATUS: Work in Progress NEXT STEPS: Completion in Q2 2022.
2015	5141555555	City Wide Groundwater Model	1,160,000	785,921	146,235	227,844	80.4%	B. Posedowski	STATUS: revisions required for the Freelon assignment as per the MECP comments. The PO for the Groundwater Model updates is in the process to be issued. NEXT STEPS: finalize Freelon WHPAS Q2 2021. gw. model Q1 2021.
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	173,619	79,521	(3,139)	101.3%	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	2,180,000	31,154	-	2,148,846	1.4%	B. Posedowski / U. Ehrenberg	STATUS: terms of reference for consulting services under development for Class EA. NEXT STEPS: Issue RRFQ in 2021.
2015	5141567520	HDR05 Reservoir Upgrades	7,167,000	5,715,028	501,289	950,683	86.7%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q2 2021.
2015	5141567575	High Lift PS Upgrades Phase 2	3,900,000	493,377	113,159	3,293,464	15.6%	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)	1,660,000	347,393	128,294	1,184,312	28.7%	S. Leitch	STATUS: in handover stage between WWWSP and CD teams NEXT STEPS: Complete system curve such that design and construction can start.

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2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,495,784	41,037	22,763,180	10.0%	S. Jacob / M. Zantingh	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%	E .Waite / M. Zantingh	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	5141667420	Ben Nevis & Dewitt HD08A WPS	3,140,000	2,800,827	239,124	100,048	96.8%	S. Leitch	STATUS: Warranty. NEXT STEPS: Warranty End: Q3 2021.
2016	5141667421	Glancaster & Hwy 53 HD018 WPS	12,600,000	150,537	585,193	11,864,270	5.8%	S. Leitch	STATUS: Work in Progress - Design (Interim Upgrades). NEXT STEPS: Request for Prequalified Contractors for Construction (Interim Upgrades).
2016	5141667422	Osler Road HD011 WPS	2,569,000	2,371,415	66,155	131,429	94.9%	S. Leitch	STATUS: Warranty. NEXT STEPS: Warranty End: Q3 2021.
2016	5141667423	Freelton Well FDF01 Capacity	1,870,000	389,137	18,424	1,462,440	21.8%	B. Posedowski	STATUS: Modelling results are being incorporated NEXT STEPS: Finalize the report and communicate findings in 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)	5,890,000	270,428	149,452	5,470,120	7.1%	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	-	1,855,851	22.7%	E .Waite / M. Zantingh	Ongoing - work in progress.
2017	5141761777	Beach Trunkmain Rehab	8,500,000	904,657	-	7,595,343	10.6%	E .Waite / M. Zantingh	Work to be completed Q2-Q3 2022.
2017	5141766421	WTP Fluoride Building HVAC	470,000	100,791	312,670	56,540	88.0%	S. Leitch	STATUS: RFT Tender Closed Q1 2021. NEXT STEPS: Construction Substantial Performance Q3 2021.
2017	5141766711	Annual Water Treatment Studies	250,000	181,258	57,322	11,421	95.4%	S. Lapointe	STATUS: Work in Progress - Industry Review of Asset Maintenance Programs for Municipal W&WW Vertical Infrastructure. NEXT STEPS: Completion 2021.
2017	5141766713	Annual Water Maintenance	2,500,000	1,557,364	405,999	536,637	78.5%	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 in 2021.
2017	5141767650	New Greensville Communal Well	1,570,000	140,687	158,732	1,270,581	19.1%	C. Vanderperk	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	5141795850	Greenhill PS HD04B & HD05A	24,120,000	1,375,948	174,083	22,569,969	6.4%	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	3,000,000	366,800	-	2,633,200	12.2%	B. Posedowski	STATUS: Terms of reference for consulting services under development for Class EA. NEXT STEPS: issue RFP in 2021.
2018	5141851810	Fleet Additions - Hamilton Water - 2018	2,860,000	1,698,621	-	1,161,379	59.4%	N.Winters / J. Thandi	\$1,162k to be WIP funded to the 2022 program. As a result, the 2022 annual budget request has been reduced to zero.
2018	5141855777	LRT Corridor - Water	920,000	-	-	920,000	0.0%	B. Posedowski	Transit task force recommendations have advanced to the MOU stage.

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2018	5141860577	Metallic Watermain Condition Assessment Program - 2018	700,000	573,555	-	126,445	81.9%	E .Waite / M. Zantingh	\$180k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21.
2018	5141866713	Annual Water Maintenance	1,500,000	358,746	285,394	855,860	42.9%	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	5141895852	Carlisle Additnl Water Storage	880,000	9,512	-	870,488	1.1%	C. Vanderperk	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	287,370	(4,308)	101.2%	X. Wang	STATUS: RFP with PMO NEXT STEPS: Issue RFP Q1 2021.
2019	4031914405	Contaminated Soil & Rock Disposal 2019	1,059,000	362,188	-	696,812	34.2%	E. Waite / P. McNab	\$692k to be WIP funded to the 2022 program
2019	5141911101	Road Restoration Program - 2019	5,140,441	3,461,000	-	1,679,441	67.3%	D. Lamont / R. Merritt	\$1,624k to WIP fund 2022 program
2019	5141955010	Water Systems Planning Program	400,000	288,278	86,362	25,360	93.7%	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	96,788	51,296	1,916	98.7%	U. Ehrenberg	STATUS: 2020 PO nearing completion and work complete. New 2021 annual PO pending approval.
2019	5141955713	Drinking Water System Optimize	220,000	16,988	42,306	160,706	27.0%	B. Posedowski	STATUS: Ongoing work. NEXT STEPS: Prepare charter for PD11 review and enhancement Q1 2021.
2019	5141957545	Water - Computer Model	280,000	-	40,000	240,000	14.3%	X. Wang	STATUS: RFP with PMO to be awarded in Q1 2021 NEXT STEPS: Issue RFP.
2019	5141961910	Res Water Meter and Meter Pit	100,000	-	-	100,000	0.0%	N. Winters / S. Girt	Project is on hold due to Covid-19.
2019	5141966151	SCADA servers and network	2,650,000	800,151	91,914	1,757,935	33.7%	S. McCauley	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.
2019	5141966711	Water Treatment Studies	250,000	82,688	109,596	57,716	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	590,089	-	1,409,911	29.5%	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	15,660,000	5,816,322	2,038,434	7,805,244	50.2%	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	328,333	67,668	263,999	60.0%	G. Giovinzazo	Ongoing - work in progress.
2019	5141970007	Haddon - Sterling to Marion	310,000	247,991	51,348	10,661	96.6%	M. Oddi	Complete - pending final review/audit/payment.

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			a	b	c	d	e		
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))	1,110,000	124,356	967,206	18,438	98.3%	M. Oddi	Ongoing - C15-20-21 - construction 2021.
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))	2,290,000	393,512	1,237,944	658,544	71.2%	M. Oddi	Ongoing - C15-20-21 - construction 2021.
2019	5141971313	LRT Sherman-King to south end	1,220,000	26,763	-	1,193,237	2.2%	E .Waite / M. Zantingh	Project under review for reprioritization in capital budget.
2019	5141971314	LRT Wentworth - Wilson to King	460,000	26,661	4,000	429,339	6.7%	E .Waite / M. Zantingh	Project under review for reprioritization in capital budget.
2019	5141971315	LRT Main-Delena to Normanhurst	5,030,000	138,618	-	4,891,382	2.8%	E .Waite / M. Zantingh	Project under review for reprioritization in capital budget.
2019	5141995951	PS HD019 Binbrook Capacity	220,000	30,064	-	189,936	13.7%	B. Posedowski	NEXT STEPS: Scope Verification and Transfer Project to Capital Delivery for Charter Issuance Q3 2020.
2019	5141996951	Binbrook Feeder via Fletcher	4,450,000	79,260	-	4,370,740	1.8%	E .Waite / M. Zantingh	Work to be completed 2024.
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.
2020	5142001099	Eng Services Staffing	4,700,000	4,236,198	-	463,802	90.1%	E. Waite / P. McNab	\$464k to be WIP funded to 2022 project.
2020	5142011101	Annual Road Restoration	5,400,000	4,335,000	-	1,065,000	80.3%	D. Lamont / R. Merritt	\$1,065k to WIP fund 2022 program.
2020	5142049555	QA-QC Service Contract 2020	140,000	-	-	140,000	0.0%	E .Waite / M. Zantingh	\$140k to be WIP funded to 2022 program.
2020	5142055010	Water Systems Planning Program	300,000	65,658	58,038	176,304	41.2%	B. Posedowski	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	154,763	112,624	32,613	89.1%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5142055425	Concrete Pipe Condition Assess	400,000	92,353	190,973	116,673	70.8%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5142055556	Mapping Update Program	40,000	164	-	39,836	0.4%	D. Lamont / C. Lauricella	\$40K to be appropriated to 2021 project to consolidate for 2022 program.
2020	5142055851	Water Efficiency Plan-Program	170,000	17,463	-	152,537	10.3%	J. Wagner / C. Wilson	Project delays due to COVID. Anticipate completion year end 2022.
2020	5142057545	Drinking Water System Model	280,000	182,223	97,842	(65)	100.0%	B. Posedowski	STATUS: 2020 PO nearing completion and work complete. New 2021 annual PO pending approval.
2020	5142057626	Critical WM Inspection Program	660,000	529,549	-	130,451	80.2%	E .Waite / M. Zantingh	\$70k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21
2020	5142060080	Valve Replacement - 2020	3,700,000	2,532,099	-	1,167,901	68.4%	E .Waite / M. Zantingh	\$1,170k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21
2020	5142060577	Metallic WM Condition Assess	630,000	234,519	333,942	61,539	90.2%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5142060750	Unscheduled Valve-Hydrant Etc.	3,000,000	1,760,197	1,193,827	45,976	98.5%	N. Winters / D. Alberton	Ongoing - work in progress.

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2020	5142060999	Closed Projects - Water	180,000	2,245	172,726	5,030	97.2%	E. Waite / P. 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	1,126,200	46,242	(442)	100.0%	E .Waite / M. Zantingh	Complete - close once p.o. has been paid or cleared.
2020	5142061310	Woodrwd Trans Pipeline Rep	500,000	2,047	-	497,953	0.4%	E .Waite / M. Zantingh	To be tendered Q3 2021.
2020	5142061502	New & Replacement Water Meters	2,920,000	1,213,544	784,631	921,824	68.4%	N. Winters / J. Wagner	Staff are returning from Covid-19 redeployment on July 12th, we will then restart the AMI project.
2020	5142062073	Field Data Systems Program	110,000	11,459	-	98,541	10.4%	D. Lamont / C. Lauricella	\$100K to be WIP funded to 2022 program.
2020	5142062078	Substandard Service Replace	2,750,000	1,169,328	1,544,813	35,859	98.7%	N. Winters / D. Alberton	Ongoing - work in progress.
2020	5142066310	WTP Pre-Treat Isolation Valves	1,930,000	83,070	92,778	1,754,152	9.1%	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	170,000	-	-	170,000	0.0%	S. Leitch	STATUS: Scope Verification. NEXT STEPS: Develop Technical Memorandum Q3 2021 for future RFP.
2020	5142067450	Lee Smith Reservoir HDR00	1,110,000	-	-	1,110,000	0.0%	S. Leitch	STATUS: Scope Verification. NEXT STEPS: Develop Project Charter 2021.
2020	5142067752	Water Outstation Inspections	660,000	120,588	129,573	409,839	37.9%	B. Posedowski	STATUS: Work in progress NEXT STEPS: Complete WTP Surge Suppression Bldg. and complete Scenic Res. condition assessment.
2020	5142069075	Environmental Lab Improvements	150,000	112,390	25,837	11,773	92.2%	A. Grice / S. Girt	Anticipate 100% spent by year end.
2020	5142070006	Hillcrest - Chedoke RD Restore	60,000	37,262	22,561	177	99.7%	M. Oddi	Ongoing - C15-10-20 - construction 2021.
2020	5142070015	LRT Main - Delena Rd Restore	300,000	-	-	300,000	0.0%	E .Waite / M. Zantingh	Project under review for reprioritization in capital budget.
2020	5142071306	Hillcrest - Chedoke wm replace	120,000	93,558	-	26,442	78.0%	M. Oddi	Ongoing - C15-10-20 - construction 2021.
2020	5142071315	LRT Main - Delena wm replace	1,358,000	45,101	5,000	1,307,899	3.7%	M. Oddi	Ongoing - C15-19-21 - construction 2021/2022.
2020	5142096250	Airport Water Service Ext W-27	8,250,000	-	-	8,250,000	0.0%	T. Sergi / G. Norman	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 / M. Zantingh	In design to be tendered in 2022, in service by Q4 2024.
2020	5142096850	Locke Trunk Watermain W-19	2,200,000	252,062	1,298	1,946,640	11.5%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5142160072	Annual Watermain Lining Prgm	7,700,000	4,987,227	2,641,457	71,316	99.1%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5142695552	HD07A New District 7 PS W-21	170,000	-	-	-	N/A	B. Posedowski	STATUS: Design and construction is subject to Secondary Planning and council approval of the Elfrida Growth Area
2021	5142101099	Eng Services Staffing	4,700,000	2,180,220	-	-	N/A	E. Waite / P. McNab	To fund Engineering Services staffing costs through capital for work on road related capital projects, both in-year and future.
2021	5142101999	Lakeside Litigation	202,000	-	201,144	-	N/A	M. Oddi	Pending litigation.
2021	5142111101	Annual Road Restoration	5,400,000	2,074,957	2,882,564	-	N/A	D. Lamont / C. Lauricella	Ongoing - work in progress.
2021	5142149555	QA-QC Service Contract 2021	210,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.

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2021	5142151110	Fleet Additions	1,760,000	-	-	-	N/A	N.Winters / J. Thandi	Procurement of the vehicles identified on the detail sheet are all in progress. Contracts are being worked-on by Fleet for several of them.
2021	5142155022	Engineering Consultants	300,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142155122	Woodward-Greenhill Inspection	800,000	-	600,000	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142155247	Alterations Drinking Water Sys	150,000	5,274	54,803	-	N/A	B. Posedowski	Ongoing - work in progress.
2021	5142155556	Mapping Update Program	75,000	781	32,065	-	N/A	D. Lamont / C. Lauricella	Ongoing - work in progress.
2021	5142157545	Water - Computer Model	170,000	-	47,383	-	N/A	B. Posedowski	Ongoing - work in progress.
2021	5142157626	Critical WM Inspection Program	600,000	-	171,785	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142157627	Pipeline 38-28 Trunk Inspect	500,000	-	400,000	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142160073	Charlton 750mm WM Lining	150,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142160074	CIPP Urgent&Sensitive Crossing	800,000	-	786,000	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142160080	Valve Replacement - 2021	1,200,000	31,636	296,445	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142160501	Watermain Rehab_Replacement	1,000,000	-	-	-	N/A	B. Posedowski	Ongoing - work in progress.
2021	5142160577	Metallic WM Condition Assess	630,000	-	393,802	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142160711	Annual Capital Wtr Consumption	250,000	2,747	-	-	N/A	E. Waite / P. McNab	Ongoing - work in progress. Water consumption used for sewer relocation works on City contracts, during constructions i.e. flushing sewer lines, etc. Historically, charges are transferred at year end.
2021	5142160750	Unscheduled Valve-Hydrant Etc	3,000,000	54,164	400,000	-	N/A	N. Winters / D. Alberton	On going to be fully committed by Dec 2021.
2021	5142161301	Edwina - Lawson - Berko	330,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142161302	Jackson - Catherine to Walnut	355,000	25,776	255,215	-	N/A	M. Oddi	Ongoing - C15-18-21 - construction 2021.
2021	5142161304	Robert - Victoria to Emerald	460,000	16,940	406,395	-	N/A	M. Oddi	Ongoing - C15-27-21 - construction 2021.
2021	5142161305	Fraser-Edinburgh to Campbell	160,000	15,264	141,167	-	N/A	M. Oddi	Ongoing - C15-27-21 - construction 2021.
2021	5142161306	Afton-Cedar to Balsam	160,000	15,264	141,259	-	N/A	M. Oddi	Ongoing - C15-27-21 - construction 2021.
2021	5142161307	Mulberry - Bay to James	990,000	15,103	445,838	-	N/A	M. Oddi	Ongoing - C15-20-21 - construction 2021.
2021	5142161502	New & Replacement Water Meters	3,400,000	1,181,966	2,082,479	-	N/A	N. Winters / J. Wagner	Working through this currently Covid-19 has impacted the proactive replacement program. We have just restarted it in June 2021.
2021	5142162073	Field Data Systems Program	110,000	-	55,000	-	N/A	D. Lamont / C. Lauricella	Ongoing - work in progress.
2021	5142162078	Substandard Service Replace	2,750,000	4,782	735,407	-	N/A	N. Winters / D. Alberton	On going to be fully committed by Dec 2021.
2021	5142166110	Water Treatment Plant Upgrades	1,378,000	26,958	65,934	-	N/A	S. Leitch	Ongoing - work in progress.

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2021	5142166578	Waterdown Private Well Study	100,000	-	41,060	-	N/A	C. Vanderperk	Ongoing - work in progress.
2021	5142166608	Lynden Water System - Phase 2	610,000	10,096	-	-	N/A	S. Leitch	Ongoing - work in progress.
2021	5142167420	HDR18 Glancaster Reservoir	440,000	-	-	-	N/A	S. Leitch	Ongoing - work in progress.
2021	5142167421	HDR11 Woodley Lane Reservoir	1,600,000	-	-	-	N/A	S. Leitch	Ongoing - work in progress.
2021	5142167752	Water Outstation Inspections	500,000	-	-	-	N/A	S. Leitch	Ongoing - work in progress.
2021	5142167840	PD9 & PD10 East Stoney Creek	720,000	-	-	-	N/A	S. Leitch	Ongoing - work in progress.
2021	5142169075	Environmental Lab Improvements	275,000	18,944	-	-	N/A	A. Grice / S. Girt	Pandemic has put expenditures on hold. Hope to resume in the Fall.
2021	5142170004	Strachan - James to east end	440,000	-	422,248	-	N/A	M. Oddi	Ongoing - C15-07-21 - construction 2021.
2021	5142170011	HWY 8 - Bond to Woodleys Lane	830,000	25,929	499,951	-	N/A	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5142170015	Delena - Beland - Dunsmure RR	930,000	-	-	-	N/A	M. Oddi	Ongoing - C15-19-21 - construction 2021/2022.
2021	5142171074	Annual Unsched Works - 2021	244,996	-	203,633	-	N/A	E. Waite / P. McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2021	5142171303	Marion - Longwood to Dromore	50,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress
2021	5142171304	Strachan - James to east end	640,000	-	608,817	-	N/A	M. Oddi	Ongoing - C15-07-21 - construction 2021
2021	5142171308	East-West Corridor Waterdown	1,200,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress
2021	5142171309	Inverness & Arcade	150,000	105	-	-	N/A	M. Oddi	Ongoing - C15-06-21 - construction 2021.
2021	5142171310	Barton - Parkdale to Talbot	1,200,000	-	-	-	N/A	E .Waite / M. Zantingh	To be tendered in the Q3-Q4.
2021	5142171311	HWY 8 - Bond to Woodleys Lane	867,000	164,861	689,504	-	N/A	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5142171328	Southcote-Garner to Hwy 403 BR	160,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142171352	Dickenson-U James to Cent PKWY	1,800,000	-	-	-	N/A	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5142180183	Binbrook - Royal Winter	630,000	-	-	-	N/A	T. Sergi / G. Norman	Ongoing - work in progress.

Sub-Total Waterworks Regular Program

375,719,436 145,078,620 36,711,271 193,929,545 48.4%

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			a	b	c	d	e		

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	117,432	616,093	99.3%	M. Oddi	Complete - pending final review/audit/payment
2008	5160867751	WW Outstns - Asset Management	2,655,000	2,248,045	574,935	(167,980)	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	386,737,000	306,106,743	89,230,389	(8,600,132)	102.2%	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.
2009	5160966910	WWTP - Biosolids MP Implement	41,270,000	35,297,371	5,695,676	276,953	99.3%	D. Goudreau	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	2,880,936	638,292	2,480,771	58.7%	S. Leitch	STATUS: Warranty. NEXT STEPS: Warranty End 2021.
2010	5161066065	Waste Hauler Receiving Station	3,439,800	3,103,082	123,354	213,364	93.8%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2021.
2012	5161266213	Dundas WWTP Improvements	3,070,200	493,888	-	2,576,312	16.1%	S. Leitch	STATUS: Upgrade project on hold. NEXT STEPS: Exploring funding opportunities for the preferred upgrade solution.
2012	5161267270	Ancaster WW Outstations	9,490,000	7,631,936	1,911,331	(53,268)	100.6%	S. Leitch	STATUS: Work Completed (HC009, HC013). Work in Progress - Construction (HC005). NEXT STEPS: Substantial Performance (HC005) 2021.
2012	5161267273	Dundas WW Outstations	5,900,000	1,427,249	11,500	4,461,251	24.4%	S. Leitch	STATUS: Work Completed (DC005, DC006). Work in Progress - Geotechnical Investigation (DC010). NEXT STEPS: Request for Proposals for Design (DC010) Q1 2021.
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	6,025,000	6,000,000	-	25,000	99.6%	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	130,567	1,952	110,482	54.5%	A. Grice / S. Girt	Various projects are being planned in 2021/2022. 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 2022.
2015	5161555264	City-Wide Wastewater MP	950,000	541,086	56,666	352,248	62.9%	B. Posedowski	STATUS: Work in Progress NEXT STEPS: Completion in Q2 2022.
2015	5161555545	Capital Works Information Mgmt	280,000	5,017	70,070	204,913	26.8%	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	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.

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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	4,229,202	-	2,050,798	67.3%	S. Leitch	STATUS: Complete. NEXT STEPS: Close-out Project.
2015	5161596855	Royal to Main-King CSO (WW-22)	24,880,000	2,509,454	43,731	22,326,815	10.3%	S. Jacob / M. Zantingh	Detailed design ongoing. Discussion with MTO regarding alignment is ongoing. Tender in Fall/winter of 2021/2022
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.
2016	5161655351	Lawfield & Berrisfield Area	355,000	239,105	-	115,895	67.4%	B. Posedowski	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	420,000	86,527	-	333,473	20.6%	E. Waite / M. 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	2,490,000	236,799	21,548	2,231,653	10.4%	B. Posedowski	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	7,500,000	1,513,412	492,212	5,494,376	26.7%	S. Leitch	STATUS: Work in Progress - Construction (FC001, DC009) & Design (HC011). NEXT STEPS: RFT for Construction (HC011) Q1 2021. Substantial Performance (FC001, DC009) 2021.
2016	5161695747	Battlefield Trunk Sewer WW-33	22,650,000	1,559,153	-	21,090,847	6.9%	S. Jacob / M. Zantingh	Design Section is developing the documents required for procurement of Consultants in 2021, Detailed design in 2022/23 and Construction to follow
2016	5161696452	AEGD - Dickenson Rd FM & Sewer	51,500,000	2,306,700	1,213,661	47,979,639	6.8%	E. Waite / M. Zantingh	Project is ongoing with Detailed design. Tender for construction expected in Fall of 2021.
2017	5161718420	Grindstone Creek Utility Bridge	998,068	768,970	143,913	85,185	91.5%	E. Waite / M. Zantingh	Ongoing - work in progress
2017	5161755422	Sewer Use Bylaw Enforcement Infor Upgrade	80,000	32,112	19,190	28,698	64.1%	A. Grice / S. Girt	No further expenditures expected in 2021 as a result of EAM transition. IPS development freeze. Line item transfer unsuccessful due to timing (March 2021). \$23,303.09 put against 2020 operating budget. Plan to maintain line item open until end 2022 in case emergency IPS work is required.
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	240,424	23,169	36,407	87.9%	A. Grice / S. Girt	PO 0000094364 issued April 29, 2020 - \$ 137,094. Plan to spend full amount by 2021.
2017	5161766713	Wastewater Maintenance Capital	3,000,000	2,406,375	168,000	425,625	85.8%	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	1,700,345	33,808	740,848	70.1%	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	920,000	138,047	-	781,953	15.0%	S. Leitch	STATUS: Awaiting for Pump Curves and Modeling Analysis Results. NEXT STEPS: Request for Proposals for Design Q3 2021.
2017	5161767772	Decommissioning Aberdeen SPS	60,000	-	-	60,000	0.0%	B. Posedowski	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.

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2017	5161796786	First Street PS Upgrade DC014	5,980,000	2,313,454	3,429,925	236,621	96.0%	S. Leitch	STATUS: Work in Progress - Design. Awarding Tender for Construction. NEXT STEPS: Substantial Performance Q1 2021.
2018	5161855777	LRT Corridor - Wastewater	920,000	30,781	2,500	886,719	3.6%	B. Posedowski	STATUS: on hold NEXT STEPS: Awaiting outcome and next steps of Transit Task Force recommendations.
2018	5161860575	Mainline Sewer Condition Assessment Program - 2018	1,260,000	1,061,976	-	198,024	84.3%	E .Waite / M. Zantingh	\$490k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21
2018	5161860830	Windemere Rd Sewer Extension, Municipal Act	980,000	943,860	1,603	34,537	96.5%	E .Waite / M. Zantingh	Ongoing - work in progress.
2018	5161862850	Eastern Interceptor Repair at the WWTP Aeration Tank	2,800,000	505,603	83,080	2,211,317	21.0%	E .Waite / M. Zantingh	Construction to begin in Q2 2022.
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	4,930,363	584,141	(14,504)	100.3%	S. Lapointe	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2021.
2018	5161866713	Wastewater Maintenance Capital	3,600,000	1,011,784	277,961	2,310,256	35.8%	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	287,203	7,501	225,296	56.7%	T. Crowley	STATUS: In progress NEXT STEPS: Close WWTP Digester and Rockcliffe SPS condition assessment.
2018	5162166810	Woodward WWTP - New Maint Bldg	500,000	21,733	75,255	403,012	19.4%	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	1,443,123	-	356,878	80.2%	D. Lamont / R. Merritt	\$360k to WIP fund 2022 program.
2019	5161955010	WW Systems Planning Program	600,000	307,319	218,129	74,552	87.6%	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	98,460	130,393	121,147	65.4%	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	-	319,749	36.1%	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 and close project.
2019	5161957545	Wastewater Computer Model	380,000	25,793	255,924	98,282	74.1%	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	690,000	220,000	-	470,000	31.9%	N. Winters / D. Alberton	WIP FUND \$470K to 2022 Program.
2019	5161960574	Pre-Construction Mainline Condition Assessment	580,000	400,000	-	180,000	69.0%	E .Waite / M. Zantingh	\$180k to be WIP funded to 2022 program.
2019	5161960577	Mainline Sewer Condition Assessment for Compliance & Regs - 2019	167,000	42,844	-	124,156	25.7%	E .Waite / M. Zantingh	\$119k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21
2019	5161960820	Open Cut Repairs for CIPP Program - 2019	580,000	433,301	-	146,699	74.7%	E .Waite / M. Zantingh	\$120k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21

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2019	5161960942	Ancaster Sewage Pipeline Rehab	7,060,000	6,371,491	615,674	72,835	99.0%	E .Waite / M. Zantingh	Complete - close once p.o. has been paid or cleared.
2019	5161966102	Woodward WWTP - Expansion	5,000,000	12,962	-	4,987,038	0.3%	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	1,650,000	670,189	85,962	893,849	45.8%	S. McCauley	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	8,750,000	17,955	559,112	8,172,933	6.6%	J. Helka	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	1,105,516	875,577	2,018,907	49.5%	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	6,591,008	2,854,100	5,554,893	63.0%	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	195,505	250,876	73,619	85.8%	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	1,030,000	137,912	39,395	852,693	17.2%	E .Waite / M. Zantingh	Ongoing - work in progress
2019	5161971015	Sewer Lateral Replacement for Co-ordinated Projects - 2019	370,000	297,879	-	72,121	80.5%	E .Waite / M. Zantingh	\$100k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21
2019	5161971074	Contingency for Unscheduled Works Program - 2019	119,000	26,497	-	92,503	22.3%	E. Waite / P. McNab	Complete - close on next report.
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))	2,420,000	520,504	1,304,003	595,493	75.4%	M. Oddi	Ongoing - C15-20-21 - construction 2021.
2020	5162001099	Eng Services Staffing	4,700,000	4,122,555	-	577,445	87.7%	E. Waite / P. McNab	\$578k to be WIP fund to 2022 project.
2020	5162011101	Annual Road Restoration	1,800,000	1,645,000	-	155,000	91.4%	D. Lamont / R. Merritt	\$155k to WIP fund 2022 program.
2020	5162025045	Hopkins Court - Municipal Act	-	11,802	160,779	(172,581)	N/A	M. Oddi	Ongoing - C15-17-21 - construction 2021. Corporate Services to add budget per report to PW Committee June 17/20
2020	5162049555	QA-QC Service Contract 2020	140,000	71,615	-	68,385	51.2%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5162055010	WW Systems Planning Program	530,000	122,196	258,410	149,394	71.8%	B. Posedowski	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	120,234	138,297	41,469	86.2%	E .Waite / M. Zantingh	Ongoing - work in progress.

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2020	5162055050	Municipal Class EA Studies	400,000	-	-	400,000	0.0%	B. Posedowski	STATUS: Scope Verification NEXT STEPS: Issue Charter 2021.
2020	5162055556	Mapping Update Program	40,000	164	-	39,836	0.4%	D. Lamont / C. Lauricella	\$40K to be appropriated to 2021 project to consolidate for 2022 program
2020	5162055800	Sewer Outfall Monitor Study	650,000	153,074	-	496,926	23.5%	B. Posedowski	STATUS: Work in Progress - CSO Outfall Monitoring Feasibility NEXT STEPS: Completion 2021. Design of study recommendations to follow.
2020	5162055801	Woodward WWTP Facility Plan	350,000	-	-	350,000	0.0%	B. Posedowski	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	382,000	26,953	-	355,047	7.1%	E .Waite / M. Zantingh	\$356k to be WIP funded to 2022 program. Request to move p.o. sent July 11/21
2020	5162055880	I&I Flow Monitoring Program	500,000	96,591	83,435	319,974	36.0%	B. Posedowski	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	-	123,111	536,889	18.7%	B. Posedowski	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 / M. Zantingh	Ongoing - work in progress.
2020	5162060302	Annual Emerg Repairs-X Connect	700,000	-	-	700,000	0.0%	N. Winters / D. Alberton	WIP FUND \$700K to 2022 Program
2020	5162060390	Wastewater System Lining	4,050,000	3,490,421	559,034	546	100.0%	E .Waite / M. Zantingh	Ongoing - work in progress
2020	5162060522	Annual Sewer Lateral Manag-WWC	4,250,000	890,278	2,077,013	1,282,709	69.8%	N. Winters / D. Alberton	Ongoing - 2021 work
2020	5162060533	Trenchless Manhole Rehab	70,000	287	-	69,713	0.4%	E .Waite / M. Zantingh	\$70k to be WIP funded to 2022 program.
2020	5162060574	Pre-Con Mainline Assessment	500,000	119,642	100,755	279,603	44.1%	E .Waite / M. Zantingh	\$270k to be WIP funded to 2022 program. Balance of project is ongoing - to be closed once p.o. is closed.
2020	5162060575	Mainline Condition Assessment	1,640,000	169,836	1,047,324	422,840	74.2%	E .Waite / M. Zantingh	\$400k to be WIP funded to 2022 program. Balance of project is ongoing - to be closed once p.o. is closed.
2020	5162060576	Sewer Lateral Condition Assess	540,000	2,723	-	537,277	0.5%	E .Waite / M. Zantingh	\$540k to be WIP funded to 2022 program.
2020	5162060577	Mainline Sewer Assess for C&R	100,000	1,390	100,000	(1,390)	101.4%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5162060820	Open Cut Repairs for CIPP	500,000	2,047	425,550	72,403	85.5%	E .Waite / M. Zantingh	Ongoing - work in progress.
2020	5162060999	Closed Projects - Wastewater	-	-	-	-	N/A	E. Waite / P. 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	970,000	819	-	969,181	0.1%	E .Waite / M. Zantingh	Construction to begin in Q2 2022.
2020	5162061051	Satellite City Trunk Rehab	8,750,000	35,916	8,600,000	114,084	98.7%	E .Waite / M. Zantingh	Q1-Q2 2022 Completion.
2020	5162061444	Annual Private Drain Repairs	3,600,000	1,981,551	1,073,127	545,321	84.9%	E .Waite / M. Zantingh	Ongoing - work in progress - \$520k to be used to WIP fund 2022 program
2020	5162062073	Field Data Systems Program	110,000	49,790	-	60,210	45.3%	D. Lamont / C. Lauricella	\$60K to be appropriated to 2021 project to consolidate for 2022 program
2020	5162062543	CSO Characterization Program	450,000	196,384	33,910	219,706	51.2%	B. Posedowski	STATUS: Work in Progress - CSO Characterization Program NEXT STEPS: Completion Q2, 2021. Next CSO Characterization study to initiate in 2025.

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2020	5162066311	Woodward WWTP Digester 3	250,000	-	-	250,000	0.0%	S. McCauley	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	453,037	529,967	3,916,995	20.1%	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	2,870,000	-	-	2,870,000	0.0%	S. Leitch	NEXT STEPS: CD Awaiting completion of a System Planning flooding assessment.
2020	5162067275	FC001 Elgin SPS	2,250,000	-	-	2,250,000	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	1,350,000	-	-	1,350,000	0.0%	S. McCauley	STATUS: Charter revisions in progress. RFP to be issued 2021 to PMO.
2020	5162067425	Hillside SPS (DC006) Upgrades	1,380,000	-	-	1,380,000	0.0%	S. Leitch	NEXT STEPS: Scope Verification & Issue Project Charter Q3 2021.
2020	5162067752	WW Outstation Inspections	520,000	116,924	49,700	353,376	32.0%	B. Posedowski	STATUS: in progress NEXT STEPS: complete Beach Blvd HC051 condition assessment.
2020	5162068851	Pier 25 Dredging - Windermere	450,000	73,986	-	376,014	16.4%	S. Leitch	STATUS: Final Report Received. NEXT STEPS: Design Contract Admin Award Q1 2022.
2020	5162069075	Environmental Lab Improvements	150,000	-	152,560	(2,560)	101.7%	A. Grice / S. Girt	new lab instrument on-site, awaiting final component and verification, expected to be completed Dec 2021.
2020	5162071006	Hillcrest - Chedoke san swr	60,000	27,005	28,746	4,249	92.9%	M. Oddi	Ongoing - C15-10-20 - construction 2021.
2020	5162071015	Sewer Lateral Replace-Roads	246,000	1,105	-	244,895	0.4%	E .Waite / M. Zantingh	Ongoing - work in progress - p.o. for Strachan and for Barton contracts to be processed
2020	5162071074	Annual Unsched Works - 2020	180,000	17,405	93,088	69,507	61.4%	E. Waite / P. 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 / M. Zantingh	Project under review for reprioritization in capital budget.
2020	5162080089	Rymal-Fletcher to U Centennial	5,330,000	3,495,926	411,450	1,422,624	73.3%	M. Oddi	Ongoing - C15-50-19 - construction 2021.
2020	5162095800	Flooding & Drainage MP	880,000	-	-	880,000	0.0%	B. Posedowski	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.
2021	5162101099	Eng Services Staffing	4,700,000	2,148,880	-	2,551,120	45.7%	E. Waite / P. McNab	To fund Engineering Services staffing costs through capital for work on road related capital projects, both in-year and future.
2021	5162101999	Lakeside Litigation	90,000	-	88,728	1,272	98.6%	M. Oddi	Pending litigation.
2021	5162111101	Annual Road Restoration	1,800,000	745,742	941,645	112,613	93.7%	D. Lamont / R. Merritt	Ongoing - work in progress.
2021	5162149555	QA-QC Service Contract 2021	150,000	-	58,822	91,178	39.2%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162155022	Engineering Consultants	300,000	70,673	194,847	34,479	88.5%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162155556	Mapping Update Program	56,000	98	29,000	26,902	52.0%	D. Lamont / C. Lauricella	Ongoing - work in progress.
2021	5162155878	Forcemain Condition Assessment	270,000	-	21,795	248,205	8.1%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162155880	Inflow & Infiltration Studies	450,000	74,369	148,372	227,259	49.5%	B. Posedowski	Ongoing - work in progress.
2021	5162157545	Wastewater Computer Model	150,000	-	-	150,000	0.0%	B. Posedowski	Ongoing - work in progress.
2021	5162160302	Annual Emerg Repairs-X Connect	500,000	4,477	257,644	237,880	52.4%	N. Winters / D. Alberton	Ongoing - 2021 work.

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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 June 30, 2021
			a	b	c	d	e		
2021	5162160390	Wastewater System Lining	4,050,000	2,068,566	1,947,215	34,219	99.2%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162160391	Upper James Force Main Lining	3,500,000	130	3,400,000	99,870	97.1%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162160522	Annual Sewer Lateral Manag-WWC	4,250,000	22,186	-	4,227,814	0.5%	N. Winters / D. Alberton	Ongoing - 2021 work.
2021	5162160533	Trenchless Manhole Rehab	70,000	-	-	70,000	0.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162160574	Pre-Con Mainline Assessment	500,000	-	490,000	10,000	98.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162160575	Mainline Condition Assessment	1,140,000	-	170,959	969,041	15.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162160576	Sewer Lateral Condition Assess	540,000	-	114,871	425,129	21.3%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162160577	Mainline Sewer Assess for C&R	100,000	-	79,113	20,887	79.1%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162160711	Annual Capital Wtr Consumption	250,000	(212)	-	250,212	-0.1%	E. Waite / P. McNab	Ongoing - work in progress. Water consumption used for sewer relocation works on City contracts, during constructions i.e. flushing sewer lines, etc. Historically, charges are transferred at year end.
2021	5162160820	Open Cut Repairs for CIPP	500,000	-	532,333	(32,333)	106.5%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162161142	ESI at Battlefield Creek Trunk	260,000	-	-	260,000	0.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162161444	Annual Private Drain Repairs	3,600,000	-	-	3,600,000	0.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162161740	Unsched Manhole & Sewermain	610,000	371,089	100,093	138,818	77.2%	N. Winters / D. Alberton	Ongoing - 2021 work.
2021	5162162073	Field Data Systems Program	110,000	-	-	110,000	0.0%	D. Lamont / C. Lauricella	Ongoing - work in progress.
2021	5162166713	Wastewater Capital Maintenance	1,500,000	-	-	1,500,000	0.0%	S. McCauley	Ongoing - work in progress.
2021	5162167275	DC014 First Street Waterdown	1,540,000	-	-	1,540,000	0.0%	S. Leitch	Ongoing - work in progress.
2021	5162167420	DC007 McMaster Sewage Pumping	770,000	-	-	770,000	0.0%	S. Leitch	Ongoing - work in progress.
2021	5162167501	Odour Control Program & Media	500,000	-	-	500,000	0.0%	S. McCauley	Ongoing - work in progress.
2021	5162167752	Wastewater Outstation Inspect	200,000	-	-	200,000	0.0%	S. Leitch	Ongoing - work in progress.
2021	5162168777	Chedoke Creek Water Qlty Imprv	1,050,000	-	-	1,050,000	0.0%	C. Vanderperk	Ongoing - work in progress.
2021	5162169075	Environmental Lab Improvements	410,000	17,282	18,641	374,077	8.8%	A. Grice / S. Girt	This project is tied to the HVAC upgrade.
2021	5162169076	City Environmental Lab - HVAC	120,000	-	-	120,000	0.0%	A. Grice / S. Girt	This project is tied to the HVAC upgrade.
2021	5162171015	Sewer Lateral Replace-Roads	354,000	-	279,746	74,254	79.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162171025	Dewitt - Highway 8 to Barton	660,000	-	-	660,000	0.0%	E .Waite / M. Zantingh	Ongoing - work in progress.
2021	5162171311	HWY 8 - Bond to Woodleys Lane	1,650,000	-	-	1,650,000	0.0%	M. Oddi	Funds not required. \$1,250k being used to WIP fund Ward 13 project for Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD) and \$400k to the 2022 wastewater lining program.
2021	5162180187	Garner W - Raymond to Hwy 6	4,000,000	-	-	4,000,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.

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			a	b	c	d	e		
2021	5162180281	Rymal - Massina to 140m E	30,000	-	-	30,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5162180584	Nebo - Rymal to Twenty Rd E	750,000	-	-	750,000	0.0%	S. Jacob / G. Norman	Ongoing - work in progress.
<i>Sub-Total Wastewater Regular Program</i>			865,723,068	526,548,135	142,453,512	196,721,420	77.3%		

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

TOTAL PUBLIC WORKS - RATE FUNDED			1,325,875,877	707,059,812	188,710,261	430,105,803	67.6%		
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