

City of Hamilton
Capital Projects Status Report - Rate Supported
As of September 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 September 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 - not closed yet.
2010	5141080092	Binbrook-Water Tower-Fletcher	480,000	356,774	-	123,226	74.3%	G. Norman	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. Review in 2022 for closure.
2013	5141380370	Upper Mount Albion - Highland	480,000	366,087	-	113,913	76.3%	T. Sergi / G. Norman	Project constructed. Reviewing for final payments.
2014	5141480480	Cormorant Rd WM Extension	500,000	389,585	-	110,415	77.9%	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	12,928,154	-	3,621,846	78.1%	T. Sergi / G. Norman	Project constructed. Reviewing for final payments.
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. Review in 2022 for closure.
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 Q1-2022.
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.

Sub-Total Water Growth Program

39,111,360 29,825,693 54,211 9,231,456 76.4%

Storm Sewer Growth Program

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	535,219	-	3,574,781	13.0%	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	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.

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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 remaining budget for SWM Master Plan Update.
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 before closing.
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 before closing.
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 Infrass Upgrade	400,000	356,278	42,702	1,020	99.7%	T. Sergi / G. Norman	Downtown Intensification Modeling and Analysis; check with PW re completion.
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	454,535	53,202	12,263	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	7,948,654	7,090,854	-	857,801	89.2%	T. Sergi / G. Norman	Remaining appropriations in process to 5181280293, 5181080091 and 5180880863.
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	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.
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 Q4 2021.
2013	5181380377	Arvin - McNeilly to 350m West	540,000	345,313	30,805	163,882	69.7%	T. Sergi / G. Norman	Complete - Close once commitments are paid/cleared
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	568,822	-	51,178	91.7%	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	2,672,549	535,909	(68,458)	102.2%	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.

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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 to be completed from 5181480090, 5181280090, 5181080090 reducing the deficit to approximately \$225k.
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	151,934	-	948,066	13.8%	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 Infrass Upgrade	400,000	-	147,300	252,700	36.8%	T. Sergi / G. Norman	Wastewater/Stormwater Servicing Strategy for Downtown Hamilton underway.
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 Q4 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 Q4 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 before project can be closed.
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 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 including road extension. 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 Q1-2022.
2019	5161996011	Intensification Infra Upgrades	400,000	92,459	13,000	294,541	26.4%	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.
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	23,495	31,821	1,444,684	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.

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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	-	124,000	756,000	14.1%	G. Norman	Project under construction.
Sub-Total Storm Sewer Growth Program			123,386,322	56,248,830	1,762,452	65,375,040	47.0%		
Sub-Total Growth Management Division			162,497,682	86,074,523	1,816,663	74,606,496	54.1%		
TOTAL PLANNING & ECONOMIC DEVELOPMENT			162,497,682	86,074,523	1,816,663	74,606,496	54.1%		

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	5181260214	SERG - Parkside and Kipling	2,500,000	1,365,490	-	1,134,510	54.6%	C. Graham	Ongoing - work in progress.
2012	5181260216	Golf Course SWMP Rosedale	2,570,000	734,407	55,846	1,779,747	30.7%	T. Winterton	STATUS: Work in progress - Design. NEXT STEPS: Completion Q4 2021.
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 ongoing due to sinkhole development. NEXT STEPS: Completion of LID pilot monitoring Q1 2022.
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	262,334	37,518	370,148	44.8%	S. Jacob / H. Krinas	Hamilton Water has the carriage of this project as they are developing the scope of works. Emergency repairs for the pond were undertaken.
2014	5181455420	SERG - Flooding & Drainage MP	645,000	170,254	64,950	409,796	36.5%	C. Cholkan	STATUS: Work in progress - Study being completed under new PO. NEXT STEPS: Completion Q4 2021.
2014	5181460423	SERG - Princess at Birch	90,000	11,172	-	78,828	12.4%	S. Jacob / H. Krinas	Has to be incorporated with the Birch Ave- Phase 2 project
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 / H. Krinas	Ongoing - work in progress.
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	257,269	6,907	395,824	40.0%	T. Sergi / G. Norman	STATUS: Conceptual Design Study Nearly Complete NEXT STEPS: Supplemental study required, to be chartered. Q2 2021.
2016	5181655075	SERG - Watershed Proj Coord	500,000	355,394	56,000	88,606	82.3%	B. Posedowski	STATUS: Work in Progress - Water Monitoring Program Data Collection. NEXT STEPS: Completion Q2 2022.
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: Work in progress - Study. NEXT STEPS: Staff report to council required to finalize Q4 2021.

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2017	5181755421	SERG - SW System Planning	280,000	208,764	48,167	23,069	91.8%	C. Cholkan	STATUS: 2 projects, (a) Conting. for Ancaster Intens. -Study Complete; (b) Dev Apps Guide - Study in progress NEXT STEPS: (a) Stakeholder Consultation and Staff Report (a) Q4 2021; (b) Q4 2021
2017	5181767723	Pumping Stations	2,050,000	45,156	421,265	1,583,579	22.8%	S. Leitch	STATUS: Design in progress for New standby power at Centennial and Grafton Storm pumping stations. NEXT STEPS: Construction RFT Q3 2022.
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: Work completed - Study. NEXT STEPS: Management decision required Q1 2022.
2018	5181872295	SERG - LEEDS Implementation	710,000	18,519	-	691,481	2.6%	B. Posedowski	STATUS: Not started. NEXT STEPS: Charter and procurement Q1 2022.
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	1,186,352	207,554	(3,907)	100.3%	M. Field / M. Pastuszok	Remaining funds allocated to 2021 programs. Construction for Culvert Replacement Program and Ditching Program began in July 2021. Currently the project is on target for completion Q4, 2021 and within budget.
2019	5181917549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span) - 2019	620,000	58,609	-	561,391	9.5%	M. Field / M. Pastuszok	\$560k being used to WIP fund 2022 Concrete Box Culvert Rehabilitation/Repair program (\$250k) and 2022 Catch Basin Replacement/Rehabilitation Program (\$310k).
2019	5181955350	Climate Change Impact Assess	550,000	156,579	11,145	382,276	30.5%	T. Winterton	STATUS: Study nearing completion NEXT STEPS: Complete study and initiate chartering of next phase Q2 2021.
2019	5181955421	Storm System Planning Prm	480,000	195,576	154,585	129,839	73.0%	C. Cholkan	STATUS: 3 studies ongoing; 1 study not started NEXT STEPS: charter and procure 4th project (Mill Street) Q1 2022.
2019	5181957545	Stormwater Computer Model	1,080,000	1,465	149,911	928,624	14.0%	C. Cholkan	STATUS: Work in progress - Study. One project (Juggernaut) is ongoing. NEXT STEPS: Juggernaut study to be completed Q1 2022. Waterdown study to be chartered and procured Q1 2022.
2019	5181967500	DMAF-CSO Backflow Preventors	1,050,000	85,878	108,960	855,162	18.6%	S. Leitch	STATUS: Design in progress. NEXT STEPS: Design complete Q4 2021.
2019	5181972074	Contingency for Unscheduled Works Program - 2019	242,000	224,052	9,679	8,269	96.6%	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	376,928	890,541	2,532	99.8%	M. Oddi	Ongoing - C15-19-21 - construction 2021/22.
2019	5181974950	Watercourse & Drainage Mtnc	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	Scope of project has changed; review funding in conjunction with alternative solution being contemplated.
2019	5182155101	SERG - SC & Battlefield Creek	400,000	-	-	400,000	0.0%	B. Posedowski	STATUS: Not started NEXT STEPS: Currently discussing scope; charter and procure by Q1 2022.
2020	5182017040	Hwy 97 Culvert Improvements	760,000	72,524	89,073	598,404	21.3%	E .Waite / H. Krinas	Ongoing - work in progress.
2020	5182017152	Roadside Drainage Improvements	1,400,000	242,289	969,486	188,225	86.6%	M. Field / M. Pastuszok	Remaining funds allocated to 2021 programs. Construction for Culvert Replacement Program and Ditching Program began in July 2021. Currently the project is on target for completion Q4, 2021 and within budget.
2020	5182017458	Catch Basin Replace & Rehab	500,000	200,385	97,711	201,904	59.6%	M. Field / S. Cooper	\$190k being used to WIP fund 2022 Catch Basin Replacement/Rehabilitation Program.
2020	5182017549	Concrete Box Culvert - TOM	250,000	-	-	250,000	0.0%	M. Field / M. Pastuszok	\$250k being used to WIP fund 2022 Concrete Box Culvert Rehabilitation/Repair program
2020	5182017550	Concrete Box Culvert - ES	250,000	2,555	243,495	3,950	98.4%	E .Waite / H. Krinas	Ongoing - work in progress.
2020	5182018101	Old Guelph Rd-Culvert Replace	433,000	449	424,834	7,717	98.2%	E .Waite / H. Krinas	Complete Q4 2021.

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2020	5182049555	QA-QC Service Contract 2020	195,000	-	-	195,000	0.0%	E .Waite / H. Krinas	Ongoing - work in progress.
2020	5182055421	SW System Planning Program	380,000	33,943	24,920	321,137	15.5%	C. Cholkan	Multiple projects. Assign PMs and charter projects Q4 2021.
2020	5182055825	Stormwater Drainage Analysis	760,000	400,850	351,244	7,906	99.0%	C. Cholkan	STATUS: Five separate ongoing projects, with four PMs NEXT STEPS: No future phases, close projects Q1 2022
2020	5182057545	Stormwater Computer Model	1,080,000	-	-	1,080,000	0.0%	B. Posedowski	Charter and procurement Q4 2021.
2020	5182060622	SWM Pond-Creek Maint Prog 2020	1,700,000	1,057,024	479,758	163,218	90.4%	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	204,000	-	232,951	(28,951)	114.2%	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	5182061046	Osler Dr Outfall Grant Blvd	590,000	409	-	589,591	0.1%	E .Waite / H. Krinas	Construction delayed until 2023 due to ongoing environmental studies.
2020	5182067875	Beach Strip SW Pump Station	300,000	25,018	281,744	(6,762)	102.3%	B. Posedowski	STATUS: Work in progress - EA Study NEXT STEPS: Land Acquisition, If Required Q1 2022
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	1,367,000	1,281,152	29,256	56,592	95.9%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2020	5182074950	Watercourse & Drainage Mtnc	810,000	4,387	44,075	761,539	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	175,305	213,304	46.7%	N. Winters / D. Alberton	Ongoing - 2021 work.
2020	5182080089	Rymal - Fletcher to Up Cent	1,621,000	1,420,163	192,918	7,919	99.5%	M. Oddi	Ongoing - C15-50-19 - construction 2020/21.
2021	5182101099	Eng Services Staffing	1,100,000	977,340	-	122,660	88.8%	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	24,300	179,474	1,296,226	13.6%	M. Field / M. Pastuszok	Construction for Culvert Replacement Program and Ditching Program began in July 2021. Approximately 70% of culverts have been replaced to date, a few may not be completed due to timing windows.
2021	5182117458	Catch Basin Replace & Rehab	500,000	521,540	702,482	(724,021)	244.8%	M. Field / S. Cooper	Overage due to outstanding POs for 2022 contract work in the amount to be funded from 2022 Project. Increased funding has been requested for 2022 to address this.
2021	5182117549	Concrete Box Culvert - TOM	250,000	-	-	250,000	0.0%	M. Field / M. Pastuszok	The funds will be used if an additional unexpected repair arises. Funding will be used for a consultant and repair for a concrete box culvert on Alma street, work to be completed in 2022.
2021	5182117550	Concrete Box Culvert - ES	250,000	7,144	173,349	69,507	72.2%	E .Waite / H. Krinas	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5182149555	QA-QC Service Contract 2021	174,000	577	-	173,423	0.3%	E .Waite / H. Krinas	Contract extension for quality assurance and control testing to be assigned 2021/22. Anticipated completion year end 2023.
2021	5182155347	Watercourse Erosion Site Rehab	280,000	-	-	280,000	0.0%	B. Posedowski / T. Winterton	STATUS: Not started NEXT STEPS: Discussion and coordination with Watershed Management
2021	5182155556	Mapping Update Program	57,000	753	28,500	27,747	51.3%	D. Lamont / C. Lauricella	Acquire updated air photos, update the City's Digital Terrain Model (DEM) and mapping of road edges, sidewalks, building footprints etc. as required/regulated. 2021 and 2022 contract obligations to be included in this project ID. Anticipate completion by year end 2022.
2021	5182160129	Res Drainage Assistance Prog	100,000	-	6,000	94,000	6.0%	T. Sergi / G. Norman	Ongoing - work in progress.

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2021	5182160533	Trenchless Manhole Rehab	70,000	-	-	70,000	0.0%	E .Waite / H. Krinas	Anticipated commencement 2022 due to reduced staff capacity.
2021	5182160622	SWM Pond-Creek Maint Prog 2021	2,000,000	417,509	1,092,662	489,829	75.5%	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	32,509	28,054	57,810	51.2%	N. Winters / D. Alberton	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5182162073	Field Data Systems Program	110,000	6,482	25,000	78,518	28.6%	D. Lamont / C. Lauricella	To maintain, upgrade and acquire data and information for various infrastructure management systems involved with the overall management of the stormwater collection network. (IPS; IRISS; ESRI, ProjectWise Connect, Scene Software – LiDAR and Bentley Suite Software). Additional p.o.'s are currently pending approval/set up, 2022 license renewal obligations to be included in this project ID. Anticipate completion year end 2022.
2021	5182167751	Stormwater Infrast Assessment	280,000	-	-	280,000	0.0%	B. Posedowski	STATUS: Not started. NEXT STEPS: Internal coordination required.
2021	5182168651	Windermere Basin Shore Rehab	170,000	-	89,400	80,600	52.6%	J. Helka	STATUS: Work completed.
2021	5182170010	Barton - Parkdale to Talbot RR	1,700,000	-	-	1,700,000	0.0%	E .Waite / H. Krinas	To be tendered in the Q3-Q4 2021, constructed to begin in Q2 2022.
2021	5182172011	HWY 8 - Bond to Woodleys Lane	2,150,000	631,806	843,683	674,511	68.6%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5182172205	Glenmorris (York Heights Nbhd)	30,000	-	3,500	26,500	11.7%	E .Waite / H. Krinas	Design 2021, construction 2022. Anticipate completion in 2024 following two year warranty period.
2021	5182172210	Barton - Parkdale to Talbot	1,530,000	-	-	1,530,000	0.0%	E .Waite / H. Krinas	To be tendered in the Q3-Q4 2021, constructed to begin in Q2 2022.
2021	5182174275	Stormwater Management Facility	1,000,000	-	-	1,000,000	0.0%	B. Posedowski	STATUS: Not started, on hold due to workload. NEXT STEPS: Charter and potential RFP process Q1 2022.
2021	5182174680	Storm Sewer Network Planning	660,000	38,662	-	621,338	5.9%	B. Posedowski	STATUS: Not started (SW Drainage Analysis, Trinity Church and URHVP) due to backlog. NEXT STEPS: Charter and procure Q1 2022.
2021	5182174840	Stormwater Replacement Project	500,000	-	-	500,000	0.0%	B. Posedowski	STATUS: Not started. NEXT STEPS: awaiting clarification on Stormwater mandate before initiating projects under this account.
2021	5182174951	Shoreline Protection Program	1,320,000	1,831	22,620	1,295,549	1.9%	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.

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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	Postponed to 2023 due to storm scope not being ready.
<u>Sub-Total Storm Sewers Regular Program</u>			79,733,373	32,167,177	10,096,546	37,469,649	53.0%		

Waterworks Regular Program

2011	5141166110	WTP - Process Upgrades	30,960,000	26,114,564	3,870,402	975,034	96.9%	S. Leitch	STATUS: Work in Progress - Warranty Period (Process Upgrades - Phase 1). NEXT STEPS: Warranty End Date: Q4 2021.
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 in the December 2021 Capital Closing Report by appendices to address the unfavorable Budget Variance realized from Staffing Chargebacks.
2012	5141267274	Kenilworth PS - HD005 Upgrades	3,355,000	3,057,846	222,012	75,143	97.8%	S. Leitch	STATUS: Work in Progress - Warranty Period. NEXT STEPS: Warranty End Date: February 26, 2022. Post substantial deficiencies in progress.
2012	5141269250	HVAC Upgrade New Lab & Admin	5,620,000	1,180,559	-	4,439,441	21.0%	S. Leitch	STATUS: RFP Package submitted NEXT STEPS: Design - Lab HVAC Upgrades Q1 2022. Lab Interior Upgrades RFP to be issued after HVAC Upgrades completed.
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	660,234	361,631	1,578,136	39.3%	S. Leitch	STATUS: Design in progress. NEXT STEPS: RFPQ to be submitted Q4 2021.
2013	5141395354	PD18 Elevated Reservoir W14	3,410,000	456,822	8,939	2,944,239	13.7%	B. Posedowski / U. Ehrenberg	STATUS: design/construction on hold pending completion of handover and Class EA Project which is substantially complete. NEXT STEPS: CD to initiate design upon receipt of handover material Q2 2022 subject to Council approval and 30 day review.
2014	5141455425	Concrete Pipe Condition Assessment	2,750,000	2,547,906	197,878	4,215	99.8%	E .Waite / H. Krinas	Complete - close once p.o. has been paid or cleared.
2014	5141495551	PD7 Elevated Reservoir W-23	2,600,000	688,209	1,165,746	746,045	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	12,414,706	613,337	1,822,956	87.7%	E. English	Construction completed; commissioning completed.
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	263,022	310,018	376,960	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	137,235	236,844	79.6%	B. Posedowski	STATUS: Freelton -PO to stay open until the Assessment Report gets reviewed by public as part of the SPA process. NEXT STEPS: Work to be completed under the PO for Database Updates and Web Interface Development.
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	179,663	73,581	(3,244)	101.3%	S. Lapointe	STATUS: Complete - C (18.04) Media Filter Biological Baseline - Close Project - Q4 2021; Ongoing - PMATS (18.18) Woodward WTP-Plant Corrosion Control Optimization - Review of data next spring. - Q2 2022.
2015	5141567273	HD17A PS Replace Decommission	2,180,000	31,154	-	2,148,846	1.4%	B. Posedowski / U. Ehrenberg	STATUS: PO will be issued in Q4 2021. NEXT STEPS: Project start in November.

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2015	5141567520	HDR05 Reservoir Upgrades	7,167,000	6,009,443	211,967	945,590	86.8%	S. Leitch	STATUS: Work in Progress - Warranty period. NEXT STEPS: Warranty End Date Q2 2022. Phase 2 upgrades preparing RFP for design issuance by Q2 2022.
2015	5141567575	High Lift PS Upgrades Phase 2	3,900,000	501,325	105,349	3,293,326	15.6%	S. Leitch	STATUS: Construction RFT. NEXT STEPS: Construction. Substantial Performance Q4 2021.
2015	5141567577	Security - Water PS Facilities	5,600,000	2,274,236	-	3,325,764	40.6%	D. Hicks	Project has been transferred to facilities to use remaining funds.
2015	5141595553	HD12A PS Upgrades (W-04)	1,660,000	374,645	101,514	1,183,841	28.7%	S. Leitch	STATUS: generating operations narrative and system curve such that design and construction can start. NEXT STEPS: handover stage between WWWSP and CD teams.
2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,495,784	41,037	22,763,180	10.0%	S. Jacob / H. Krinas	Is currently working on the RFP to hire a consultant in early 2022. Expected construction start by 2024.
2016	5141664632	Twenty (Greti) to Upper James	1,610,000	184,337	-	1,425,663	11.4%	E .Waite / H. Krinas	Project is in Design will be tendered in Q3 – 2022.
2016	5141666608	Lynden Additional Water Supply	7,965,000	7,539,145	101,206	324,650	95.9%	S. Leitch	STATUS: Warranty ended July 2021. NEXT STEPS: close project.
2016	5141667420	Ben Nevis & Dewitt HD08A WPS	3,140,000	2,851,427	189,400	99,173	96.8%	S. Leitch	STATUS: Warranty ended August 2021. NEXT STEPS: close project.
2016	5141667421	Glancaster & Hwy 53 HD018 WPS	12,600,000	180,927	555,329	11,863,745	5.8%	S. Leitch	STATUS: Work in Progress - Design (Interim Upgrades) ; Request for Prequalified Contractors for Construction (Interim Upgrades) complete. NEXT STEPS: Issue RFT for construction Q1 2022.
2016	5141667422	Osler Road HD011 WPS	2,569,000	2,371,415	66,155	131,429	94.9%	S. Leitch	STATUS: Warranty ended August 2021. NEXT STEPS: close project.
2016	5141667423	Freelton Well FDF01 Capacity	1,870,000	398,770	8,957	1,462,273	21.8%	B. Posedowski	STATUS: Treatment capacity -final draft. NEXT STEPS: Hand over the study to Capital.
2016	5141695883	York & Valley HD016 WPS (W-26)	5,890,000	361,916	59,546	5,468,538	7.2%	S. Leitch	STATUS: Conceptual Design. NEXT STEPS: RFP for Design Q1 2022.
2017	5141760754	Kenilworth Transmission Watermain Renewal	2,400,000	544,149	-	1,855,851	22.7%	E .Waite / H. Krinas	Pending water system management requirements to inspect high risk transmission main. Anticipate completion by year end 2022.
2017	5141761777	Beach Trunkmain Rehab	8,500,000	904,657	-	7,595,343	10.6%	E .Waite / H. Krinas	To be tendered in the Q3-Q4 2021, constructed to begin in Q2 2022.
2017	5141766421	WTP Fluoride Building HVAC	470,000	100,791	312,670	56,540	88.0%	S. Leitch	STATUS: construction in progress. NEXT STEPS: Construction Substantial Performance Q4 2021.
2017	5141766711	Annual Water Treatment Studies	250,000	202,325	36,618	11,056	95.6%	S. Lapointe	STATUS: Construction - PMATS (16.14) Backflow Preventors - Substantial Performance - Q4 2021; Construction - PMATS (16.45) Arc Flash - Substantial Performance - Q3 2022; Warranty - C (15.08) Stone Church/Garth (Phase I) - Project Closeout - Q2 2022.
2017	5141766713	Annual Water Maintenance	2,500,000	1,632,024	512,347	355,629	85.8%	S. Lapointe	STATUS: Construction - PMATS (16.14) Backflow Preventors - Substantial Performance - Q4 2021; Construction - PMATS (16.45) Arc Flash - Substantial Performance - Q3 2022; Warranty - C (15.08) Stone Church/Garth (Phase I) - Project Closeout - 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. Q4 2021.
2017	5141767650	New Greensville Communal Well	1,570,000	152,596	147,029	1,270,375	19.1%	C. Vanderperk / C. Vega	STATUS: Constructability assessment - final draft. NEXT STEPS: Resume EA.
2017	5141795850	Greenhill PS HD04B & HD05A	24,120,000	1,407,186	36,672	22,676,142	6.0%	S. Leitch	STATUS: Completion of Conceptual Design, RFP Prep NEXT STEPS: RFP for Design (Ultimate Upgrades) Q4 2021.

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2017	5141796752	PD16 Trunk - PS HD016 to Hwy 5	3,000,000	366,800	-	2,633,200	12.2%	B. Posedowski / U. Ehrenberg	STATUS: PO to be issued in November for Class EA. NEXT STEPS: Project kick off.
2018	5141851810	Fleet Additions - Hamilton Water - 2018	2,860,000	1,698,000	-	1,162,000	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 / U. Ehrenberg	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	574,211	-	125,789	82.0%	E .Waite / H. Krinas	\$180k to be WIP funded to 2022 program.
2018	5141866713	Annual Water Maintenance	1,500,000	380,503	254,354	865,143	42.3%	S. Lapointe	STATUS: Construction - PMATS (20.03) Scenic Reservoir - Substantial Performance - Q2 2022; Construction - C (19.07) Fluoride & CCB Process and H&S Upgrades - Substantial Performance - Q4 2021; Design - C (20.04) Osler Drive (HC011) Health & Safety Immediate Needs - Construction - Q4 2021.
2018	5141867651	HD007 Highland Rd Reservoir	260,000	70,629	-	189,371	27.2%	S. Leitch	STATUS: Condition Assessment Complete. NEXT STEPS: RFP for Design Q1 2022.
2018	5141895852	Carlisle Additnl Water Storage	880,000	9,512	-	870,488	1.1%	C. Vanderperk / C. Vega	STATUS: PO issued - end of Oct 2021. NEXT STEPS: Proceed with the EA study.
2018	5141895956	Water Distribution Model	350,000	100,600	254,290	(4,890)	101.4%	X. Wang	STATUS: Ongoing project; field work phase for calibration data. NEXT STEPS: Model update and governance procedure by Q2 2022.
2019	4031914405	Contaminated Soil & Rock Disposal 2019	1,059,000	367,000	-	692,000	34.7%	E. Waite / P. McNab	\$692k to be WIP funded to the 2022 program.
2019	5141911101	Road Restoration Program - 2019	5,055,441	3,460,441	-	1,595,000	68.4%	D. Lamont / R. Merritt	\$1,550k to be WIP funded to 2022 program.
2019	5141955010	Water Systems Planning Program	400,000	288,278	121,362	(9,640)	102.4%	H. Trieu	STATUS: completed shutdown PO; PO for PD7 Boundary Realignment ongoing; PO for LRT Corridor analysis ongoing; PO for Ancaster Tower EA substantially completed; future PO for CPMS Scope pending NEXT STEPS: NEXT STEPS: Roster Award for Hydraulic Assessment of Water CPMS Needs for Roads Capital Program Q1 2022.
2019	5141955247	Drinking Water System Changes	150,000	107,206	41,059	1,736	98.8%	U. Ehrenberg	STATUS: Project is complete. NEXT STEPS: Close PO.
2019	5141955713	Drinking Water System Optimize	220,000	27,962	31,521	160,516	27.0%	B. Posedowski	STATUS: Ongoing work in PD22. NEXT STEPS: Prepare a charter update for next phase for PD11/12/22 review and enhancement Q1 2022.
2019	5141957545	Water - Computer Model	280,000	-	40,000	240,000	14.3%	X. Wang	STATUS: Ongoing project; field work phase for calibration data. NEXT STEPS: Model update and governance procedure by Q2 2022.
2019	5141961910	Res Water Meter and Meter Pit	100,000	-	-	100,000	0.0%	N. Winters / S. Girt	Project is currently on hold due to Coved.
2019	5141966151	SCADA servers and network	2,650,000	803,913	185,163	1,660,924	37.3%	S. McCauley	Project on going, servers are being commissioned. Awaiting tender document.
2019	5141966420	Woodward WTP - Chlorine Bldg	800,000	74,997	-	725,003	9.4%	S. Leitch	STATUS: Scope Verification Complete Q3 2021. NEXT STEPS: RFP for design Q1 2022.
2019	5141966711	Water Treatment Studies	250,000	86,297	106,050	57,654	76.9%	S. Lapointe	STATUS: Complete - PMATS (19.07) Maintenance Strategy Assessment Services - Close Project - Q4 2021; Construction - PMATS (16.45) Arc Flash - Substantial Performance - Q3 2022.
2019	5141966713	Water Maintenance Capital	2,000,000	590,089	-	1,409,911	29.5%	S. Lapointe	STATUS: Construction - PMATS (20.03) Scenic Reservoir - Substantial Performance - Q2 2022.
2019	5141966911	WTP - Bio Filtration Study	400,000	-	-	400,000	0.0%	S. Leitch	STATUS: Study Complete. NEXT STEPS: Close out project.

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2019	5141967375	Kenilworth&Ben Nevis Reservoir	15,660,000	6,147,676	1,714,411	7,797,913	50.2%	S. Leitch	STATUS: Work in Progress -Warranty Period Phase 1. NEXT STEPS: Soil Contamination removal construction commence Q3 2021.
2019	5141967752	Water Outstation Inspections	660,000	336,268	59,871	263,861	60.0%	S. Leitch	STATUS: Work in progress - Implementation Plan, 3 condition assessment assignments in progress. NEXT STEPS: Implementation Plan continue through 2025; 3 assessment projects complete Q4 2021 through Q3 2022. 2 planned condition assessment assignments start in Q1/Q2 2022.
2019	5141970007	Haddon - Sterling to Marion	310,000	247,991	51,348	10,661	96.6%	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))	1,110,000	327,106	767,963	14,931	98.7%	M. Oddi	Ongoing - C15-20-21 - construction 2021/22.
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	682,399	954,054	653,547	71.5%	M. Oddi	\$200k to be WIP funded to Ward 2 project in the 2022 program (CCBF - Corktown Neighbourhood). Ongoing - C15-20-21 - construction 2021/22.
2019	5141971313	LRT Sherman-King to south end	1,220,000	26,763	-	1,193,237	2.2%	E .Waite / H. Krinas	Pending construction timing of LRT determined by MetroLinx.
2019	5141971314	LRT Wentworth - Wilson to King	460,000	26,661	4,000	429,339	6.7%	E .Waite / H. Krinas	Pending construction timing of LRT determined by MetroLinx.
2019	5141971315	LRT Main-Delena to Normanhurst	5,030,000	138,618	-	4,891,382	2.8%	E .Waite / H. Krinas	Pending construction timing of LRT determined by MetroLinx.
2019	5141995951	PS HD019 Binbrook Capacity	220,000	30,064	-	189,936	13.7%	B. Posedowski	STATUS: Handover content is complete; waiting for Master Plan Update to verify scope/timing of upgrade. NEXT STEPS: once MP is completed in Q2 2022, verify scope.
2019	5141996951	Binbrook Feeder via Fletcher	4,450,000	79,260	-	4,370,740	1.8%	E .Waite / H. Krinas	Work to be completed 2024.
2021	4032114405	Contam Soil and Rock Removal	1,000,000	185,380	782,184	32,436	96.8%	E. Waite / P. McNab	Ongoing - work in progress. % spent is dependent upon contaminated soil/excess rock discovered at time of construction. Additional funding requested in 2022.
2020	5142001099	Eng Services Staffing	4,700,000	4,236,000	-	464,000	90.1%	E. Waite / P. McNab	\$464k to be WIP funded to 2022 ES Staffing Costs - Water project.
2020	5142011101	Annual Road Restoration	5,400,000	4,335,000	-	1,065,000	80.3%	D. Lamont / R. Merritt	\$1,065k to be WIP funded to 2022 program.
2020	5142049555	QA-QC Service Contract 2020	140,000	-	-	140,000	0.0%	E .Waite / H. Krinas	\$140k to be WIP funded to 2022 program.
2020	5142055010	Water Systems Planning Program	300,000	92,319	56,776	150,905	49.7%	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 Q2 2022.
2020	5142055022	Engineering Consultants	300,000	175,214	92,527	32,259	89.2%	E .Waite / H. Krinas	Various subsurface infrastructure condition assessment and trenchless rehabilitation engineering consulting services pending project finalization/closure. Anticipated completion once 2020/21 roster assignments completed/closed.
2020	5142055425	Concrete Pipe Condition Assess	400,000	101,901	181,591	116,508	70.9%	E .Waite / H. Krinas	Contract underway and pending water system management requirements. Anticipate completion by year end 2022.
2020	5142055851	Water Efficiency Plan-Program	170,000	17,463	-	152,537	10.3%	J. Wagner / C. Wilson	Had anticipated the Plant Model to be close to \$150k and bids ranged from \$65-\$165. Going with lowest bid \$65k so this project will be 50% utilized/committed by year end.

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2020	5142057545	Drinking Water System Model	280,000	185,964	94,166	(130)	100.0%	B. Posedowski	STATUS: 2020 work complete. NEXT STEPS: close when invoices and PO closed.
2020	5142057626	Critical WM Inspection Program	660,000	529,000	-	131,000	80.2%	E .Waite / H. Krinas	\$131k to be WIP funded to 2022 program.
2020	5142060080	Valve Replacement - 2020	3,700,000	2,530,000	-	1,170,000	68.4%	E .Waite / H. Krinas	\$1,170k to be WIP funded to 2022 program.
2020	5142060577	Metallic WM Condition Assess	630,000	321,755	248,215	60,030	90.5%	E .Waite / H. Krinas	2020 contract underway and pending water system management requirements. Anticipate completion by year end 2022.
2020	5142060750	Unscheduled Valve-Hydrant Etc.	3,000,000	1,940,828	834,521	224,651	92.5%	N. Winters / D. Alberton	2020 Contract awarded and in construction. Anticipate completion by year end 2022.
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	1,127,253	45,207	(460)	100.0%	E .Waite / H. Krinas	Complete - close once p.o. has been paid or cleared.
2020	5142061310	Woodwrd Trans Pipeline Rep	500,000	2,047	-	497,953	0.4%	E .Waite / H. Krinas	To be tender Q4 2021.
2020	5142061502	New & Replacement Water Meters	2,920,000	1,715,323	291,532	913,145	68.7%	N. Winters / J. Wagner	Project is wrapping up. Unused funds will be transferred to Project Code 5142161502
2020	5142062073	Field Data Systems Program	110,000	10,000	-	100,000	9.1%	D. Lamont / C. Lauricella	\$100K to be WIP funded to 2022 program.
2020	5142062078	Substandard Service Replace	2,750,000	826,906	1,296,484	626,610	77.2%	N. Winters / D. Alberton	2020 Contract awarded and in construction. Anticipate completion by year end 2022.
2020	5142066310	WTP Pre-Treat Isolation Valves	1,930,000	93,621	82,409	1,753,970	9.1%	S. Leitch	STATUS: Roster Assignment Conceptual Review in progress. NEXT STEPS: Design RFP Q1 2022.
2020	5142066350	WTP Chlorine Chem Building	2,250,000	-	-	2,250,000	0.0%	S. Leitch	STATUS: Evaluation Options to replace existing Chlorine Building in progress. NEXT STEPS: complete Q4 2021.
2020	5142067420	St Joseph Tank Dampener	170,000	-	-	170,000	0.0%	S. Leitch	STATUS: RFP Development NEXT STEPS: Develop RFP for decommissioning of this redundant infrastructure.
2020	5142067450	Lee Smith Reservoir HDR00	1,110,000	-	-	1,110,000	0.0%	S. Leitch	STATUS: On hold; awaiting Systems Planning information. NEXT STEPS: Develop Project Charter Q4 2021.
2020	5142067752	Water Outstation Inspections	660,000	120,588	129,573	409,839	37.9%	B. Posedowski	STATUS: Work in progress - Implementation Plan, 3 condition assessment assignments in progress. NEXT STEPS: Implementation Plan continue through 2025; 3 assessment projects complete Q4 2021 through Q3 2022. 2 planned condition assessment assignments start in Q1/Q2 2022.
2020	5142069075	Environmental Lab Improvements	150,000	112,390	25,837	11,773	92.2%	N. Winters / S. Girt	This project is tied to the HVAC upgrade. Conceptual Design complete. Hiring consultant for detailed design. Schedule and expected completion date will be determined during detailed design.
2020	5142070006	Hillcrest - Chedoke RD Restore	60,000	37,262	10,589	12,149	79.8%	M. Oddi	Complete - pending final review/audit/payment.
2020	5142070015	LRT Main - Delena Rd Restore	300,000	-	-	300,000	0.0%	E .Waite / H. Krinas	Pending construction timing of LRT determined by MetroLinx.
2020	5142071306	Hillcrest - Chedoke wm replace	94,000	93,558	-	442	99.5%	M. Oddi	Complete - pending final review/audit/payment.
2020	5142071315	LRT Main - Delena wm replace	1,358,000	45,101	1,289,060	23,839	98.2%	M. Oddi	Ongoing - C15-19-21 - construction 2021/2022.
2020	5142096520	Garner Rd Trunk Watermain	3,390,000	-	117,278	3,272,722	3.5%	E .Waite / H. Krinas	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 / H. Krinas	Work to be completed 2024.

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2020	5142160072	Annual Watermain Lining Prgm	7,700,000	7,094,252	576,670	29,078	99.6%	E .Waite / H. Krinas	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5142101099	Eng Services Staffing	4,700,000	3,236,789	-	1,463,211	68.9%	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	856	99.6%	M. Oddi	Final payment being processed.
2021	5142111101	Annual Road Restoration	5,400,000	2,735,464	2,355,701	308,835	94.3%	D. Lamont / R. Merritt	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5142149555	QA-QC Service Contract 2021	210,000	-	-	210,000	0.0%	E .Waite / H. Krinas	Contract extension for quality assurance and control testing to be assigned 2021/22. Anticipated completion year end 2023.
2021	5142151110	Fleet Additions	1,160,000	86,533	-	1,073,467	7.5%	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	-	148,865	151,135	49.6%	E .Waite / H. Krinas	Various subsurface infrastructure condition assessment and trenchless rehabilitation engineering consulting services pending project finalization/closure. Anticipated completion once 2021/22 roster assignments completed/closed.
2021	5142155122	Woodward-Greenhill Inspection	800,000	-	600,000	200,000	75.0%	E .Waite / H. Krinas	Pending water system management requirements to inspect high risk transmission main. Anticipate completion by year end 2022.
2021	5142155247	Alterations Drinking Water Sys	150,000	24,550	45,132	80,318	46.5%	B. Posedowski	STATUS: 2021 PO ongoing and work complete. NEXT STEPS: analysis of development applications and submissions - timing dictated by P&ED applications
2021	5142155556	Mapping Update Program	75,000	945	28,000	46,055	38.6%	D. Lamont / C. Lauricella	Acquire updated air photos, update the City's Digital Terrain Model (DEM) and mapping of road edges, sidewalks, building footprints etc. as required/regulated. 2021 and 2022 contract obligations to be included in this project ID. Anticipate completion by year end 2022.
2021	5142157545	Water - Computer Model	170,000	-	47,383	122,617	27.9%	B. Posedowski	STATUS: Ongoing project; field work phase for calibration data NEXT STEPS: Model update and governance procedure by Q2 2022
2021	5142157626	Critical WM Inspection Program	600,000	6,962	165,483	427,555	28.7%	E .Waite / H. Krinas	2021 Contract awarded and underway. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5142157627	Pipeline 38-28 Trunk Inspect	500,000	-	400,000	100,000	80.0%	E .Waite / H. Krinas	Contract for the Robotic Electric Magnetic (EM) inspection of the Fennell trunk main currently underway. Anticipate completion by year end 2022.
2021	5142160073	Charlton 750mm WM Lining	150,000	-	-	150,000	0.0%	E .Waite / H. Krinas	Consultant assignment to be issued Q1 2022.
2021	5142160074	CIPP Urgent&Sensitive Crossing	800,000	-	786,000	14,000	98.3%	E .Waite / H. Krinas	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5142160080	Valve Replacement - 2021	1,200,000	217,595	107,490	874,915	27.1%	E .Waite / H. Krinas	Pending water system management requirements to inspect high risk transmission main. Anticipate completion by year end 2022.
2021	5142160501	Watermain Rehab_Replacement	1,000,000	-	-	1,000,000	0.0%	B. Posedowski	STATUS: Ongoing. NEXT STEPS: This is a demand driven project. Currently no projected needs for utilizing this budget.
2021	5142160577	Metallic WM Condition Assess	630,000	5,103	388,143	236,754	62.4%	E .Waite / H. Krinas	2021 Contract awarded and underway. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5142160711	Annual Capital Wtr Consumption	250,000	2,957	-	247,043	1.2%	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	54,747	400,000	2,545,253	15.2%	N. Winters / D. Alberton	On going to be fully committed by Dec 2021.
2021	5142161302	Jackson - Catherine to Walnut	411,000	387,734	15,000	8,266	98.0%	M. Oddi	Complete - pending final review/audit/payment.
2021	5142161304	Robert - Victoria to Emerald	460,000	16,940	406,395	36,665	92.0%	M. Oddi	Ongoing - C15-27-21 - construction 2021.

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2021	5142161305	Fraser-Edinburgh to Campbell	160,000	15,264	141,167	3,569	97.8%	M. Oddi	Ongoing - C15-27-21 - construction 2021.
2021	5142161306	Afton-Cedar to Balsam	160,000	15,264	141,259	3,476	97.8%	M. Oddi	Ongoing - C15-27-21 - construction 2021.
2021	5142161307	Mulberry - Bay to James	990,000	507,596	-	482,404	51.3%	M. Oddi	Ongoing - C15-20-21 - construction 2021/22.
2021	5142161502	New & Replacement Water Meters	3,400,000	1,979,572	1,298,670	121,758	96.4%	N. Winters / J. Wagner	Project has recommenced in June 2021 and will continue through to Oct 31st, 2022.
2021	5142162073	Field Data Systems Program	110,000	58,229	20,188	31,583	71.3%	D. Lamont / C. Lauricella	To maintain, upgrade and acquire data and information for various asset management systems involved with the overall management of the water distribution network. (IPS; IRISS; ESRI, ProjectWise Connect, Scene Software – LiDAR and Bentley Suite Software). Additional p.o.'s are currently pending approval/set up, 2022 license renewal obligations to be included in this project ID. Anticipate completion year end 2022.
2021	5142162078	Substandard Service Replace	2,750,000	4,782	334,000	2,411,218	12.3%	N. Winters / D. Alberton	On going to be fully committed by Dec 2021.
2021	5142166110	Water Treatment Plant Upgrades	1,378,000	139,768	65,934	1,172,298	14.9%	S. Leitch	STATUS: Conceptual design in progress. NEXT STEPS: complete conceptual design Q1 2022 followed by Phase 2 RFP issuance Q1 2022.
2021	5142166578	Waterdown Private Well Study	100,000	19,843	21,561	58,597	41.4%	C. Vanderperk	STATUS: Report complete. NEXT STEPS: PO can be closed after Nov 17, 2021 GIC meeting.
2021	5142166608	Lynden Water System - Phase 2	610,000	10,096	-	599,904	1.7%	S. Leitch	STATUS: Systems Planning hand-over of Project to Capital Delivery Q4 2021. NEXT STEPS: RFP Development.
2021	5142167420	HDR18 Glancaster Reservoir	440,000	-	-	440,000	0.0%	S. Leitch	STATUS: Reservoir CFD Modelling and Baffling recommendations in progress. NEXT STEPS: complete review Q1 2022.
2021	5142167421	HDR11 Woodley Lane Reservoir	1,600,000	-	-	1,600,000	0.0%	S. Leitch	STATUS: Reservoir CFD Modelling and Baffling recommendations in progress. NEXT STEPS: complete review Q1 2022.
2021	5142167752	Water Outstation Inspections	500,000	-	-	500,000	0.0%	S. Leitch	STATUS: Work in progress - Implementation Plan, 3 condition assessment assignments in progress. NEXT STEPS: Implementation Plan continue through 2025; 3 assessment projects complete Q4 2021 through Q3 2022. 2 planned condition assessment assignments start in Q1/Q2 2022.
2021	5142167840	PD9 & PD10 East Stoney Creek	720,000	-	-	720,000	0.0%	S. Leitch	STATUS: Conceptual Design in progress. NEXT STEPS: complete conceptual design Q3 2021 followed by RFP for design Q1 2022.
2021	5142169075	Environmental Lab Improvements	275,000	18,944	55,000	201,056	26.9%	N. Winters / S. Girt	Pandemic has put expenditures on hold.
2021	5142170004	Strachan - James to east end	440,000	248,688	177,862	13,450	96.9%	M. Oddi	Ongoing - C15-07-21 - construction 2021.
2021	5142170011	HWY 8 - Bond to Woodleys Lane	830,000	36,199	489,858	303,943	63.4%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5142170015	Delena - Beland - Dunsmure RR	930,000	-	898,842	31,158	96.6%	M. Oddi	Ongoing - C15-19-21 - construction 2021/2022.
2021	5142171074	Annual Unsched Works - 2021	299,996	109,650	103,471	86,874	71.0%	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	-	-	50,000	0.0%	E .Waite / H. Krinas	Design 2021, construction 2022. Anticipate completion in 2024 following two year warranty period.
2021	5142171304	Strachan - James to east end	640,000	522,431	95,733	21,836	96.6%	M. Oddi	Ongoing - C15-07-21 - construction 2021
2021	5142171308	East-West Corridor Waterdown	1,200,000	-	-	1,200,000	0.0%	E .Waite / H. Krinas	Project currently in design. Anticipate award in 2022 with construction spanning 2022/24 and completion following the two year warranty period.
2021	5142171309	Inverness & Arcade	150,000	139,584	-	10,416	93.1%	M. Oddi	Complete - pending final review/audit/payment.

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2021	5142171310	Barton - Parkdale to Talbot	1,200,000	-	-	1,200,000	0.0%	E .Waite / H. Krinas	To be tendered in the Q3-Q4 2021, constructed to begin in Q2 2022.
2021	5142171311	HWY 8 - Bond to Woodleys Lane	867,000	460,250	399,224	7,526	99.1%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5142171328	Southcote-Garner to Hwy 403 BR	160,000	-	-	160,000	0.0%	E .Waite / H. Krinas	Design 2021, construction 2022/23. Anticipate completion following two year warranty period.
2021	5142171352	Dickenson-U James to Cent PKWY	1,800,000	-	-	1,800,000	0.0%	E .Waite / H. Krinas	2021 tender, construction 2022 to 2026. Anticipate completion following two year warranty period.
2021	5142180183	Binbrook - Royal Winter	630,000	-	-	630,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5142257000	Vertical Asset Mgmt Program	280,000	-	-	280,000	0.0%	S. Leitch	STATUS: Reviewing software needs as part of Implementation Plan NEXT STEPS: 2022-2025 Determine software requirements with the PW InforEAM data management approach.
Sub-Total Waterworks Regular Program			356,069,436	145,230,922	31,233,051	179,605,464	49.6%		

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	2,355,387	469,449	(169,836)	106.4%	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	331,713,945	55,023,055	-	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.
2009	5160966910	WWTP - Biosolids MP Implement	41,270,000	35,941,424	5,267,143	61,433	99.9%	D. Goudreau	STATUS: Substantially Performed. PPP Canada Funded. Cash Flow Budget approved by Finance. NEXT STEPS: 30-year Finance-Operate-Maintain Contract awarded to Harbor 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 complete. NEXT STEPS: Close project.
2010	5161066065	Waste Hauler Receiving Station	3,439,800	3,142,273	112,626	184,901	94.6%	S. Leitch	STATUS: Work in Progress - warranty. NEXT STEPS: Warranty end Q2 2022.
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	9,645,000	7,878,276	1,669,252	97,471	99.0%	S. Leitch	STATUS: HC005 construction in progress. NEXT STEPS: Substantial Performance (HC005) Q4 2021.
2012	5161267273	Dundas WW Outstations	5,900,000	1,427,249	11,500	4,461,251	24.4%	S. Leitch	STATUS: Request for Proposals for Design (DC010) ongoing NEXT STEPS: Design (DC010) complete Q1 2023.
2014	5161455420	SERG - Flooding & Drainage MP	555,000	501,248	19,340	34,412	93.8%	G. Caterini	STATUS: Work in progress - Study being completed under new PO. NEXT STEPS: Completion Q4 2021.

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2014	5161467756	Greenhill & Cochrane HCS01	2,920,000	340,848	91,086	2,488,066	14.8%	S. Leitch	STATUS: PO performing tank cleaning. Roster initiation underway for electrical investigation. NEXT STEPS: Investigation complete Q1 2022.
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	16,045	218,667	45,288	83.8%	N. Winters	STATUS: Phase I Work Complete. Work in Progress - Phase 2 PMO Optimization Project. NEXT STEPS: Phase 2 Completion Q4 2022.
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	305,396	104,716	579,888	41.4%	S. MacPherson-Nemeth	STATUS: Work in progress - EA (Emergency Overflow Schedule C Municipal Class) NEXT STEPS: Completion (abandonment of the EA process), Q4, 2021
2015	5161596855	Royal to Main-King CSO (WW-22)	24,880,000	2,512,899	44,345	22,322,755	10.3%	S. Jacob / H. Krinas	Working with MTO and MECP to complete the required details for the permits.
2016	5161655350	Riverdale Flood Relief EA	1,540,000	4,247	-	1,535,753	0.3%	M. Seradj	STATUS: Complete - Neighborhood Flood Investigation Study NEXT STEPS: Flow Monitoring following the current I&I Reduction Solution Implementation, TBD.
2016	5161655351	Lawfield & Berrisfield Area	355,000	239,105	-	115,895	67.4%	B. Posedowski	STATUS: Project Charter Not Issued (for the design phase). NEXT STEPS: Issue Project Charter Q3 2022.
2016	5161660610	Binbrook Manhole & Sewer Rehab	420,000	86,527	-	333,473	20.6%	E .Waite / H. Krinas	\$240k to be WIP funded to 2022 program.
2016	5161661434	Upsize Wilson Street Forcemain	270,000	4,875	-	265,125	1.8%	M. Seradj	STATUS: Project Charter Not Issued (for the Conceptual Design Scope). NEXT STEPS: Issue Project Charter Q1, 2022
2016	5161667421	New Haulage Receiving Station	2,490,000	236,799	21,548	2,231,653	10.4%	B. Posedowski	STATUS: Work in Progress - EA (Addendum to the original EA for additional sites). NEXT STEPS: Detailed Design Phase TBD.
2016	5161667622	FC001 DC009 HC011 Upgrades	7,500,000	1,513,412	492,212	5,494,376	26.7%	S. Leitch	STATUS: FC001, DC009 Project in Warranty. HC011 project in Design. NEXT STEPS: Warranty end for FC001, DC009 Q1 2022. RFT for Construction (HC011) Q4 2021.
2016	5161695747	Battlefield Trunk Sewer WW-33	22,650,000	1,559,153	-	21,090,847	6.9%	S. Jacob / H. Krinas	Project going out for RFP for consultants in 2022. Preliminary design and detailed design to be completed by 2023 for tender for construction in 2024. Estimates will be updated after detailed design. Budget can be cash flowed.
2016	5161696452	AECD - Dickenson Rd FM & Sewer	51,500,000	2,347,488	1,180,608	47,971,904	6.9%	E .Waite / H. Krinas	Project going out for tender in Nov 2021. Will need cash flow as the total amount is \$90M. Project to complete construction by 2026
2017	5161718420	Grindstone Creek Utility Bridge	998,068	793,194	120,108	84,766	91.5%	E .Waite / H. Krinas	Coordinated with/pending Grindstone Creek transportation bridge replacement scheduled in 2024.
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: Project Charter Not Issued. NEXT STEPS: Issue Project Charter Q4, 2022.
2017	5161766423	Sewer Use Bylaw 14-090 Parameter Limit Review	300,000	260,131	3,803	36,066	88.0%	A. Grice / S. Girt	PO 0000094364 issued April 29, 2020 - \$ 137,094. Project complete. Initiating PO close out (\$3803). Council discussion on amendments Q1 2022.

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2017	5161766713	Wastewater Maintenance Capital	3,000,000	2,433,995	168,000	398,005	86.7%	S. Lapointe	STATUS: Construction - PMATS (20.11) Dundas Digester Roof - Completion - Q4 2021; Construction - PMATS (21.02) Binbrook Odour Pilot - Project Closeout - Q1 2022.
2017	5161766745	Woodward WWTP-Oper Readiness	2,475,000	1,721,104	13,408	740,489	70.1%	F. Gonzalez	STATUS: Projects 95% complete. NEXT STEPS: Closeout project and Pos.
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 Q1 2022.
2017	5161767772	Decommissioning Aberdeen SPS	60,000	-	-	60,000	0.0%	B. Posedowski	STATUS: Project Charter Not Issued (design phase). NEXT STEPS: Issue Project Charter (once construction of the McMaster Innovation Park Trunk Sewer is completed), TBD.
2017	5161796786	First Street PS Upgrade DC014	5,980,000	3,457,335	2,348,455	174,211	97.1%	S. Leitch	STATUS: Construction. NEXT STEPS: Substantial Performance Q4 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	1,088,953	-	171,047	86.4%	E .Waite / H. Krinas	\$490k to be WIP funded to 2022 program.
2018	5161860830	Windemere Rd Sewer Extension, Municipal Act	980,000	943,860	1,603	34,537	96.5%	E .Waite / H. Krinas	Complete - close once p.o. has been paid or cleared,
2018	5161862850	Eastern Interceptor Repair at the WWTP Aeration Tank	2,800,000	507,160	81,550	2,211,290	21.0%	E .Waite / H. Krinas	Construction to begin in Q2 2022.
2018	5161866511	Woodward WWTP - Digester #4	5,500,000	5,067,110	449,758	(16,869)	100.3%	S. Lapointe	STATUS: Construction Completing Commissioning. - PMATS (16.09) Digester #4 - Substantial Performance - Q4 2021.
2018	5161866713	Wastewater Maintenance Capital	3,600,000	1,053,021	202,077	2,344,902	34.9%	S. Lapointe	STATUS: Construction Completing Commissioning. - PMATS (16.09) Digester #4 - Substantial Performance - Q4 2021; Construction - PMATS (18.17) Aeration Galleries - Substantial Performance - Q4 2022; Substantial Performance achieved - C (18.06) Dundas WWTP Upgrades - Warranty - Q3 2022.
2018	5161867752	Wastewater Outstation Inspect	520,000	287,203	7,501	225,296	56.7%	S. Leitch	STATUS: In progress. NEXT STEPS: Close WWTP Digester and Rockcliffe SPS condition assessment.
2018	5162166810	Woodward WWTP - New Maint Bldg	500,000	33,548	63,645	402,807	19.4%	S. McCauley / S. Lapointe	STATUS: Design - PMATS (19.09) Maintenance Building - Construction - Q1 2022.
2019	5161911101	Road Restoration Program - 2019	1,800,000	1,440,000	-	360,000	80.0%	D. Lamont / R. Merritt	\$360k to be WIP funded to 2022 program.
2019	5161955010	WW Systems Planning Program	600,000	336,639	194,077	69,284	88.5%	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	117,160	112,017	120,823	65.5%	B. Sarker	STATUS: Work in Progress - Study (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 in Progress or Completed - Multiple Inflow and Infiltration Studies. NEXT STEPS: New Inflow and Infiltration Studies as required Ongoing.
2019	5161957545	Wastewater Computer Model	380,000	37,509	244,412	98,080	74.2%	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	428,278	41,723	94.0%	N. Winters / D. Alberton	\$470k to be used to WIP fund 2022 program. Request to move purchase order to 2021 project send Oct 12/21.
2019	5161960574	Pre-Construction Mainline Condition Assessment	580,000	400,000	-	180,000	69.0%	E .Waite / H. Krinas	\$180k to be WIP funded to 2022 program.

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2019	5161960577	Mainline Sewer Condition Assessment for Compliance & Regs - 2019	167,000	47,990	-	119,010	28.7%	E .Waite / H. Krinas	\$119k to be WIP funded to 2022 program.
2019	5161960820	Open Cut Repairs for CIPP Program - 2019	520,000	433,301	-	86,699	83.3%	E .Waite / H. Krinas	\$120k to be WIP funded to 2022 program.
2019	5161960942	Ancaster Sewage Pipeline Rehab	7,060,000	6,371,491	615,674	72,835	99.0%	E .Waite / H. Krinas	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: Moving forward with Request for Proposal issuance and award of Engineering Consultant in 2022. Design currently planned to start in 2023 with construction completion by 2030.
2019	5161966151	SCADA servers and network	1,650,000	673,525	168,654	807,820	51.0%	S. McCauley	Project on going, servers are being commissioned. Awaiting tender document.
2019	5161966511	Woodward WWTP - Digester #5	8,750,000	567,411	683,385	7,499,204	14.3%	J. Helka	STATUS: The capital project has been transferred from PMATs to WUP to deliver. Engineering assignment kicked-off in Sept 2021, with construction estimated to start by end of 2022 or early 2023. NEXT STEPS: Complete design phase of project.
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	1,114,474	1,314,890	1,570,636	60.7%	S. Lapointe	STATUS: Design - C (16.13) Real Time Control (RTC) Program - Tender - Q1 2022; Construction Completing Commissioning. - PMATS (16.09) Digester #4 - Substantial Performance - Q4 2021; Construction - PMATS (16.15) Headworks Biofilter - Substantial Performance - Q4 2021; Design - PMATS (16.63) Trailer-mounted generators to meet TSSA and TBG requirements - Production - Q4 2021; Construction - C (93) First Street SCADA - Substantial Performance - Q4 2021; Substantial Performance achieved - C (18.06) rehabilitate and repair various facilities at the Dundas wastewater treatment plant - Warranty - Q3 2022; Study Complete - WWWSP (20.22) Chedoke Creek Water Quality Improvement Study; Construction - PMATS (16.45) Arc Flash - Substantial Performance - Q3 2022; Construction - PMATS (20.03) Scenic Reservoir - Substantial Performance - Q2 2022.
2019	5161967123	AEGD Growth Initiative	15,000,000	7,768,568	1,939,657	5,291,776	64.7%	S. Leitch	STATUS: HC019 English Church SPS, HC027 Homestead SPS in Warranty. HC018 Twenty SPS in construction. NEXT STEPS: Warranty end Q1 2022 for HC019 & HC027. Substantial performance Q4 2021 for HC018.
2019	5161967752	WW Outstation Inspections	520,000	203,440	243,078	73,482	85.9%	S. Leitch	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	146,848	30,614	852,539	17.2%	E .Waite / H. Krinas	On hold pending DMAF application.
2019	5161971015	Sewer Lateral Replacement for Co-ordinated Projects - 2019	370,000	295,000	-	75,000	79.7%	E .Waite / H. Krinas	\$100k to be WIP funded to 2022 program.
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	1,728,297	117,412	574,291	76.3%	M. Oddi	\$200k to be WIP funded to Ward 2 project in the 2022 program (CCBF - Corktown Neighbourhood). Ongoing - C15-20-21 - construction 2021/22.
2020	5162001099	Eng Services Staffing	4,700,000	4,122,000	-	578,000	87.7%	E. Waite / P. McNab	\$578k to be WIP fund to 2022 ES Staffing Costs - Wastewater project.
2020	5162011101	Annual Road Restoration	1,800,000	1,645,000	-	155,000	91.4%	D. Lamont / R. Merriitt	\$155k to be used to WIP fund 2022 program.

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2020	5162025045	Hopkins Court - Municipal Act	215,131	173,609	1,816	39,706	81.5%	M. Oddi	Ongoing - C15-17-21 - construction 2021. Corporate Services to add budget per report to PW Committee June 17/20
2020	5162055010	WW Systems Planning Program	530,000	189,678	341,760	(1,438)	100.3%	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	129,983	166,717	3,300	98.9%	E .Waite / H. Krinas	Various subsurface infrastructure condition assessment and trenchless rehabilitation engineering consulting services pending project finalization/closure. Anticipated completion once 2020/21 roster assignments completed/closed.
2020	5162055050	Municipal Class EA Studies	400,000	-	-	400,000	0.0%	B. Posedowski	STATUS: Project Charter Not Issued (EA studies). NEXT STEPS: Issue Project Charter once scopes are verified, TBD.
2020	5162055800	Sewer Outfall Monitor Study	650,000	153,074	-	496,926	23.5%	B. Posedowski	STATUS: Project Charter Not Issued (design phase). NEXT STEPS: Issue Project Charter for the design phase, TBD.
2020	5162055801	Woodward WWTP Facility Plan	350,000	-	-	350,000	0.0%	B. Posedowski	STATUS: Work in Progress. NEXT STEPS: Completion Q3, 2022.
2020	5162055878	Forcemain Condition Assessment	382,000	26,000	-	356,000	6.8%	E .Waite / H. Krinas	\$356k to be WIP funded to 2022 program.
2020	5162055880	I&I Flow Monitoring Program	500,000	120,174	60,260	319,566	36.1%	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	36,821	86,927	536,252	18.7%	B. Posedowski	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.
2020	5162060044	Battlefield Crk Trunk Cleaning	250,000	1,024	-	248,976	0.4%	E .Waite / H. Krinas	To be completed Q2 2022.
2020	5162060302	Annual Emerg Repairs-X Connect	700,000	-	-	700,000	0.0%	N. Winters / D. Alberton	\$700k to be used to WIP fund 2022 program.
2020	5162060390	Wastewater System Lining	4,050,000	3,490,421	559,034	546	100.0%	E .Waite / H. Krinas	2020 contract in construction pending final review/audit/payment. Anticipate completion by year end 2022.
2020	5162060522	Annual Sewer Lateral Manag-WWC	4,250,000	1,057,918	1,658,924	1,533,158	63.9%	N. Winters / D. Alberton	Ongoing - 2021 work.
2020	5162060533	Trenchless Manhole Rehab	70,000	-	-	70,000	0.0%	E .Waite / H. Krinas	\$70k to be WIP funded to 2022 program.
2020	5162060574	Pre-Con Mainline Assessment	500,000	160,217	60,881	278,901	44.2%	E .Waite / H. Krinas	\$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	177,242	1,040,045	422,712	74.2%	E .Waite / H. Krinas	\$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	-	-	540,000	0.0%	E .Waite / H. Krinas	\$540k to be WIP funded to 2022 program.
2020	5162060577	Mainline Sewer Assess for C&R	100,000	234	100,000	(234)	100.2%	E .Waite / H. Krinas	Complete - close once p.o. has been paid or cleared.
2020	5162060820	Open Cut Repairs for CIPP	500,000	2,047	425,550	72,403	85.5%	E .Waite / H. Krinas	2020 contract awarded and in construction. Anticipate completion by year end 2022.
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 / H. Krinas	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 / H. Krinas	Q1-Q2 2022 Completion.
2020	5162061444	Annual Private Drain Repairs	3,600,000	3,073,568	-	526,432	85.4%	E .Waite / H. Krinas	\$520k to be WIP funded to 2022 program.

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2020	5162062543	CSO Characterization Program	450,000	211,554	19,003	219,444	51.2%	B. Posedowski	STATUS: Project Charter Not Issued (2025 CSO Characterization). NEXT STEPS: Issue Project Charter Q4, 2024
2020	5162066813	Dundas WWTP Health & Safety	4,900,000	886,170	157,901	3,855,929	21.3%	S. Leitch	STATUS: Dundas WWTP Rehabilitation of the Tertiary Treatment System in Warranty. Health & Safety project RFP development. NEXT STEPS: Tertiary project - warranty end Q3 2022. Health & Safety project RFP Design issuance Q4 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	5162067420	Main & King CSO Rehab	1,350,000	-	224,327	1,125,673	16.6%	S. McCauley	STATUS: Design - PMATS (20.05) Main & King CSO Rehab - Construction - Q1 2022
2020	5162067425	Hillside SPS (DC006) Upgrades	1,380,000	-	-	1,380,000	0.0%	S. Leitch	STATUS: Work in Progress - RFP development. NEXT STEPS: RFP for design Q4 2021.
2020	5162067752	WW Outstation Inspections	520,000	116,924	49,700	353,376	32.0%	B. Posedowski	STATUS: Work in progress - Implementation Plan, 3 condition assessment assignments in progress. NEXT STEPS: Implementation Plan continue through 2025; 3 assessment projects complete Q4 2021 through Q3 2022. 4 planned condition assessment assignments start in Q1/Q2 2022.
2020	5162068851	Pier 25 Dredging - Windermere	450,000	73,986	-	376,014	16.4%	S. Leitch	STATUS: completed HOPA MOU agreement. NEXT STEPS: HOPA to advise City upon commencement of Pier 25 Dredging design (anticipate Q4 2021) and construction (Q4 2022).
2020	5162071006	Hillcrest - Chedoke san swr	60,000	27,005	28,746	4,249	92.9%	M. Oddi	Complete - pending final review/audit/payment.
2020	5162071015	Sewer Lateral Replace-Roads	246,000	1,105	-	244,895	0.4%	E .Waite / H. Krinas	Ongoing - work in progress - p.o. for Strachan and for Barton contracts to be processed.
2020	5162071074	Annual Unsched Works - 2020	226,000	20,743	44,109	161,148	28.7%	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 / H. Krinas	Pending construction timing of LRT determined by MetroLinx.
2020	5162080089	Rymal-Fletcher to U Centennial	5,330,000	3,894,447	36,733	1,398,820	73.8%	M. Oddi	Ongoing - C15-50-19 - construction 2021.
2020	5162095800	Flooding & Drainage MP	880,000	-	125,000	755,000	14.2%	B. Posedowski	STATUS: Work in progress - Study being completed under new PO. NEXT STEPS: Completion Q4 2021.
2021	5162101099	Eng Services Staffing	4,700,000	3,205,806	-	1,494,194	68.2%	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	-	-	90,000	0.0%	M. Oddi	Final payment being processed.
2021	5162111101	Annual Road Restoration	1,800,000	1,020,166	721,102	58,731	96.7%	D. Lamont / R. Merritt	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162149555	QA-QC Service Contract 2021	210,000	13,658	37,571	158,771	24.4%	E .Waite / H. Krinas	Contract extension for quality assurance and control testing to be assigned 2021/22. Anticipated completion year end 2023.
2021	5162155022	Engineering Consultants	300,000	133,796	162,817	3,387	98.9%	E .Waite / H. Krinas	Various subsurface infrastructure condition assessments and trenchless rehabilitation engineering consulting services pending project finalization/closure. Anticipated completion once 2021/22 roster assignments completed/closed.
2021	5162155556	Mapping Update Program	56,000	262	29,000	26,738	52.3%	D. Lamont / C. Lauricella	Acquire updated air photos, update the City's Digital Terrain Model (DEM) and mapping of road edges, sidewalks, building footprints etc. as required/regulated. 2021 and 2022 contract obligations to be included in this project ID. Anticipate completion by year end 2022.
2021	5162155878	Forcemain Condition Assessment	270,000	25,650	200,939	43,411	83.9%	E .Waite / H. Krinas	2021 Contract awarded and underway. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.

Capital Projects Status Report - Rate Supported
As of September 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 September 30, 2021
			a	b	c	d	e		
2021	5162155880	Inflow & Infiltration Studies	450,000	123,990	341,009	(14,999)	103.3%	B. Posedowski	STATUS: Work in Progress or Completed - Multiple Inflow and Infiltration Studies. NEXT STEPS: New Inflow and Infiltration Studies as required Ongoing.
2021	5162157545	Wastewater Computer Model	150,000	-	26,432	123,568	17.6%	B. Posedowski	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.
2021	5162160302	Annual Emerg Repairs-X Connect	500,000	24,369	333,880	141,751	71.6%	N. Winters / D. Alberton	Ongoing - 2021 work. Consolidation of funding from WIP sources in addition to the 2022 allocation will correct the current deficit.
2021	5162160390	Wastewater System Lining	4,050,000	2,501,042	1,522,220	26,738	99.3%	E .Waite / H. Krinas	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162160391	Upper James Force Main Lining	3,500,000	645,236	2,767,021	87,743	97.5%	E .Waite / H. Krinas	Complete Q3 - 2021.
2021	5162160522	Annual Sewer Lateral Manag-WWC	4,250,000	25,213	-	4,224,787	0.6%	N. Winters / D. Alberton	Ongoing - 2021 work.
2021	5162160533	Trenchless Manhole Rehab	70,000	287	-	69,713	0.4%	E .Waite / H. Krinas	Anticipated commencement 2022 due to reduced staff capacity.
2021	5162160574	Pre-Con Mainline Assessment	500,000	121,102	370,993	7,905	98.4%	E .Waite / H. Krinas	2021 Contract awarded and underway. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162160575	Mainline Condition Assessment	1,140,000	526	292,932	846,542	25.7%	E .Waite / H. Krinas	2021 Contract awarded and underway. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162160576	Sewer Lateral Condition Assess	540,000	31,904	492,323	15,773	97.1%	E .Waite / H. Krinas	2021 Contract awarded and underway. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162160577	Mainline Sewer Assess for C&R	100,000	-	75,192	24,808	75.2%	E .Waite / H. Krinas	2021 Contract awarded and underway. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
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	560,000	-	551,616	8,384	98.5%	E .Waite / H. Krinas	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162161142	ESI at Battlefield Creek Trunk	260,000	-	-	260,000	0.0%	E .Waite / H. Krinas	Design/construction 2022/23. Anticipate completion following two year warranty period.
2021	5162161444	Annual Private Drain Repairs	3,600,000	626,134	2,422,493	551,373	84.7%	E .Waite / H. Krinas	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162161740	Unsched Manhole & Sewermain	610,000	472,944	2,867,150	(2,730,094)	547.6%	N. Winters / D. Alberton	Ongoing - 2021 work.
2021	5162162073	Field Data Systems Program	110,000	6,680	15,469	87,852	20.1%	D. Lamont / C. Lauricella	To maintain, upgrade and acquire data and information for various asset management systems involved with the overall management of the wastewater collection network. (IPS; IRISS; ESRI, ProjectWise Connect, Scene Software – LiDAR and Bentley Suite Software). Additional p.o.'s are currently pending approval/set up, 2022 license renewal obligations to be included in this project ID. Anticipate completion year end 2022.
2021	5162166713	Wastewater Capital Maintenance	1,500,000	-	-	1,500,000	0.0%	S. McCauley	Project has not yet started.
2021	5162167275	DC014 First Street Waterdown	1,540,000	-	-	1,540,000	0.0%	S. Leitch	STATUS: RFP development. NEXT STEPS: RFP for design Q1 2022.
2021	5162167420	DC007 McMaster Sewage Pumping	770,000	-	148,787	621,213	19.3%	S. Leitch	STATUS: Conceptual Design. NEXT STEPS: Conceptual Design complete Q1 2022.
2021	5162167501	Odour Control Program & Media	500,000	-	-	500,000	0.0%	S. McCauley	STATUS: Chartering - PMATS (20.12) Odour Media Control Program - Design - Q2 2022

Capital Projects Status Report - Rate Supported

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			a	b	c	d	e		
2021	5162167752	Wastewater Outstation Inspect	200,000	-	-	200,000	0.0%	S. Leitch	STATUS: Work in progress - Implementation Plan, 3 condition assessment assignments in progress. NEXT STEPS: Implementation Plan continue through 2025; 3 assessment projects complete Q4 2021 through Q3 2022. 4 planned condition assessment assignments start in Q1/Q2 2022
2021	5162168777	Chedoke Creek Water Qlty Imprv	1,050,000	179,660	25,000	845,340	19.5%	C. Vanderperk	STATUS: Work in Progress - Tender for Construction NEXT STEPS: Completion Q4 2023.
2021	5162169075	Environmental Lab Improvements	410,000	73,790	17,535	318,675	22.3%	N. Winters / S. Girt	This project is tied to the HVAC upgrade. Conceptual Design complete. Hiring consultant for detailed design. Schedule and expected completion date will be determined during detailed design.
2021	5162169076	City Environmental Lab - HVAC	120,000	-	-	120,000	0.0%	A. Grice / S. Girt	Conceptual Design complete. Hiring consultant for detailed design. Schedule and expected completion date will be determined during detailed design.
2021	5162171015	Sewer Lateral Replace-Roads	354,000	124,731	182,749	46,520	86.9%	E .Waite / H. Krinas	2021 Contract awarded and in construction. 2022 budget/contract will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162171025	Dewitt - Highway 8 to Barton	660,000	-	-	660,000	0.0%	E .Waite / H. Krinas	Construction to begin in Q2 2022
2021	5162171311	HWY 8 - Bond to Woodleys Lane	1,650,000	-	-	1,650,000	0.0%	M. Oddi	Funds not required. \$1,650k to be WIP funded to Ward 13 project for Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)
2021	5162180187	Garner W - Raymond to Hwy 6	4,000,000	-	-	4,000,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
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	Postponed to 2023 due to storm scope not being ready.
<i>Sub-Total Wastewater Regular Program</i>			851,770,199	555,788,188	107,537,677	188,444,333	77.9%		

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

TOTAL PUBLIC WORKS - RATE FUNDED	1,287,573,008	733,186,287	148,867,274	405,519,446	68.5%
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