

City of Hamilton
Capital Projects Status Report - Rate Supported
As of December 31, 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 December 31, 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	Revenue received from sale of lands in Feb 2022. Reconcile and close in 2022.
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. HW PO still open for work on the Water and Wastewater and Stormwater Interim Infrastructure Master Plan.
2011	5141180195	Green Mtn-First W to Upp Centennial	760,000	463,057	-	296,943	60.9%	T. Sergi / G. Norman	Project constructed. Reviewing for final payments. Review with construction regarding 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. Water Servicing Strategy for Downtown Hamilton Charter initiated February 2022 by HW.
2013	5141380370	Upper Mount Albion - Highland	480,000	556,083	-	(76,083)	115.9%	T. Sergi / G. Norman	Project constructed. Reviewing for final payments.
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. Review with construction regarding 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	Construction in progress.
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

37,301,360 29,512,237 54,211 7,734,912 79.3%

Storm Sewer Growth Program

2006	5180680685	SWMP-A15 Meadowlands IV Pond	1,620,000	1,627,892	-	(7,892)	100.5%	T. Sergi / G. Norman	Pond constructed, reviewing for final payments and holdback.
2007	5180780774	SWMP - A1 Ancaster IBP	4,110,000	3,032,679	-	1,077,321	73.8%	T. Sergi / G. Norman	Pond constructed, reviewing for final payments and holdback.
2007	5180780784	SWMP-B8 Jackson Heights Ph 3	1,303,450	662,814	-	640,636	50.9%	T. Sergi / G. Norman	Pond constructed, reviewing for final payments and holdback.
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. Review with construction regarding payments.
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	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).
2010	5181055057	Airport Employment - Ph 3&4 EA	500,000	50,880	-	449,120	10.2%	T. Sergi / G. Norman	Implementation Strategy completed. Staff to initiate implementation update.
2010	5161096011	2010 Intensification Infra Upgrades	400,000	1,111,783	-	(711,783)	277.9%	T. Sergi / G. Norman	No outstanding PO's. Project can be closed once deficit is taken care of.
2011	5161180184	Highland-Winterberry-Mt Albion	610,000	1,036,359	-	(426,359)	169.9%	T. Sergi / G. Norman	Sewer constructed in conjunction with road; reviewing for status of completeness. Need to find funding source to address the deficit.
2011	5161180187	Garner Rd W-Raymond to Hwy 6	2,400,000	734,899	-	1,665,101	30.6%	T. Sergi / G. Norman	To be constructed by developer of 376 Garner Road. 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	West Harbour Modeling and Analysis; completed per PW. Project to be closed after POs are finished.
2011	5181155369	Specific Area Stormwater MP	150,000	101,805	-	48,195	67.9%	T. Sergi / G. Norman	Project complete. Consider appropriating surplus to an existing masterplan project in 2022.
2011	5181159150	Res Drainage Assistance Program	520,000	457,395	50,392	12,214	97.7%	T. Sergi / G. Norman	Ongoing - this account is used to investigate and/or address drainage issues as they are brought forward to staff. Potential budget increase in 2023.
2012	5161280290	Nash Area WW Sewer Outlet	4,530,000	4,759,849	-	(229,849)	105.1%	T. Sergi / G. Norman	Sewer constructed in conjunction with development (Empire); reviewing for status of completeness.
2012	5161280292	SS Rd Sewer - Flying J-Pilot	2,840,000	2,646,675	-	193,325	93.2%	T. Sergi / G. Norman	Sewer constructed in conjunction with development (Penady); reviewing for status of completeness.
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	392,297	-	255,831	60.5%	T. Sergi / G. Norman	Block Plan Servicing Strategy - Block 2 (C3-09-14) complete. Surplus money may be required for BSS1 and onsite studies.
2013	5181355369	Specific Area Stormwater MP	100,000	10,910	-	89,090	10.9%	T. Sergi / G. Norman	Project complete. Consider appropriating surplus to an existing masterplan project in 2022.
2013	5181380390	Highland - Upper Mount Albion	850,000	919,924	-	(69,924)	108.2%	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	Sewer constructed. Final payment yet to be processed.
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. Reviewing remaining commitments and close later this year.
2014	5181480486	SWMP - St Elizabeth Ponds	560,000	12,177	-	547,823	2.2%	T. Sergi / G. Norman	Working with developer on approvals process for pond system retrofit.
2015	5181580585	Sheldon (H-9) & Mewburn (H-24)	800,000	736,900	35,000	28,100	96.5%	T. Sergi / G. Norman	Project start imminent; being constructed by 1125 West 5th developer.
2015	5181580586	SWMF H-24 (Mewburn Pond)	6,430,000	5,288,375	748,713	392,911	93.9%	T. Sergi / G. Norman	Project substantially complete. Final payment to be issued. Remedial work still outstanding.
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	1,010,429	-	(520,429)	206.2%	T. Sergi / G. Norman	Sewer constructed in conjunction with road; reviewing for status of completeness.
2017	5161796011	2017 Intensification Infrass Upgrade	400,000	62,482	121,379	216,140	46.0%	T. Sergi / G. Norman	Wastewater/Stormwater Servicing Strategy for Downtown Hamilton underway. Completion of study expected Q4 of 2022.
2017	5181780090	2017 Annual Storm Water Mngmnt	4,000,000	3,167,275	-	832,725	79.2%	T. Sergi / G. Norman	Allocation for new facilities as development proceeds.
2018	5161880184	Up Mt Albion-Highland to Rymal	800,000	500,000	-	300,000	62.5%	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	3,351,565	-	648,435	83.8%	T. Sergi / G. Norman	Allocation for new facilities as development proceeds.
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	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	277,357	-	(7,357)	102.7%	T. Sergi / G. Norman	Improvements constructed. Payment subject to finalization of 2014 DC appeal. Developer submitted request for payment in Dec. 2021. To be closed after payments have been finalized.

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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	98,493	9,050	292,456	26.9%	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	Appropriate funds to 3620374100 to cover remaining deficit (\$2,364,004.17).
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. Review with construction regarding payments.
2019	5181980980	SWMP-SM18 Central Park	3,630,000	3,019,730	-	610,270	83.2%	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	2,953,962	-	446,038	86.9%	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	3,795,417	-	204,583	94.9%	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	7,599,100	-	900	100.0%	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	3,481,523	-	378,477	90.2%	T. Sergi / G. Norman	Pond has been constructed by developer (Waterdown Bay Phase 2). Developer submitted request for payment in Dec. 2021. To be closed after payments have been finalized.
2020	5162080961	Roxborough Prk Intensification	1,500,000	27,928	27,465	1,444,607	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	8,087,334	-	1,872,666	81.2%	T. Sergi / G. Norman	Works under construction by developer (Lancaster Heights Phase 1). Developer to submit request for payment.
2020	5182080090	Annual SWM Program	4,000,000	3,088,071	-	911,929	77.2%	T. Sergi / G. Norman	Allocation for new facilities as development proceeds.
2020	5182095800	Flooding & Drainage MP Capital	880,000	83,028	42,409	754,564	14.3%	B. Posedowski	STATUS: Work in progress - Flooding and Drainage Improvement Framework Study NEXT STEPS: Complete the work in progress (Q1, 2022) and issue project charter for implementation of capital works and / or further studies recommended in the Flooding and Drainage Improvement Framework study,
<i>Sub-Total Storm Sewer Growth Program</i>			100,712,668	75,009,060	1,613,019	24,090,589	76.1%		

Sub-Total Growth Management Division

138,014,028	104,521,297	1,667,230	31,825,501	76.9%
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TOTAL PLANNING & ECONOMIC DEVELOPMENT

138,014,028	104,521,297	1,667,230	31,825,501	76.9%
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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.

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2012	5181260216	Golf Course SWMP Rosedale	2,570,000	754,394	49,370	1,766,236	31.3%	B. Posedowski	STATUS: Work in progress - Design. NEXT STEPS: Completion Q2 2022.
2013	5181355350	SERG Studies & Assessments	740,000	740,856	14,927	(15,783)	102.1%	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 Q2 2022.
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	270,462	31,653	367,885	45.1%	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 Hamilton Water.
2014	5181455420	SERG - Flooding & Drainage MP	645,000	176,226	64,950	403,825	37.4%	C. Cholkan	STATUS: Complete - Peer Review Scope and draft Flooding and Drainage Master Servicing Study. NEXT STEPS: Initiate additional studies if required.
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. Alerton	On going - To be closed by Dec. 2022.
2015	5181555422	GRIDS II - Stormwater MP	950,000	75,426	499,252	375,322	60.5%	B. Posedowski	STATUS : EA Study NEXT STEPS : Completion Q3 2023.
2015	5181562590	SWMP Retrofits	660,000	282,268	-	377,732	42.8%	T. Sergi / G. Norman	STATUS: Work completed Q3 of 2021. NEXT STEPS: Close project PLN (15.12); supplemental study to be pursued as separate EA likely via RFP in Q2 2022.
2016	5181655075	SERG - Watershed Proj Coord	500,000	401,505	42,000	56,495	88.7%	B. Posedowski	STATUS: Work in Progress - Water Monitoring Program Data Collection. NEXT STEPS: Completion Q2 2023.
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	260,672	31,336	(12,008)	104.3%	B. Posedowski	STATUS: Work in progress - Study. NEXT STEPS: Staff report to council required to finalize Q3 2022.
2017	5181755421	SERG - SW System Planning	280,000	233,436	38,000	8,564	96.9%	B. Posedowski	STATUS: 2 projects, (a) Conting. for Ancaster Intens. -Study Complete; (b) Dev Apps Guide - Study complete. NEXT STEPS: (a) Stakeholder Consultation and Staff Report (a) Q3 2022; (b) Close project soon, beginning of Q2 2022.
2017	5181767723	Pumping Stations	2,050,000	104,969	401,263	1,543,769	24.7%	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	3,401,963	26,057	461,981	88.1%	E. English	Construction complete. Currently in warranty period.
2018	5181823155	SERG - Dundas Drainage Upgrade	230,000	87,504	21,654	120,842	47.5%	B. Posedowski	STATUS: Work completed - Study. NEXT STEPS: Management decision required Q1 2022.
2018	5181872295	SERG - LEEDS Implementation	710,000	23,267	-	686,733	3.3%	B. Posedowski	STATUS: Not started. NEXT STEPS: Charter and procurement Q2 2022.
2018	5181874841	Lower Davis Creek - Flood Control Facility	550,000	57,376	41,030	451,594	17.9%	N. Winters / D. Alerton	Ongoing - Limited Resources to Deliver Work Plan.
2019	5181917152	Cross Road Culvert Program - 2019	1,390,000	1,192,754	201,264	(4,017)	100.3%	M. Field / M. Pastuszok	Work completed. Some emergency work completed as required.
2019	5181955350	Climate Change Impact Assess	550,000	161,714	11,145	377,141	31.4%	B. Posedowski	STATUS: Study nearing completion. NEXT STEPS: Complete study (PO will be able to be closed in early Q2 2022) and initiate chartering of next phase Q2 2022.
2019	5181955421	Storm System Planning Prm	480,000	274,782	133,286	71,932	85.0%	C. Cholkan	STATUS: 3 studies ongoing; 1 study not started. NEXT STEPS: charter and procure 4th project (Mill Street) Q2 2022.
2019	5181957545	Stormwater Computer Model	1,080,000	70,789	82,864	926,347	14.2%	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 Q2 2022.
2019	5181967500	DMAF-CSO Backflow Preventors	1,050,000	135,413	108,355	806,232	23.2%	S. Leitch	STATUS: Assessing outfall structure condition and upstream hydraulics. Design in progress. NEXT STEPS: Design complete Q1 2023.
2019	5181972074	Contingency for Unscheduled Works Program - 2019	242,000	231,639	-	10,361	95.7%	E. Waite / P. McNab	Complete - pending final review/audit/payment.
2019	5181972291	Haddon - Sterling to Marion	257,000	135,803	23,769	97,429	62.1%	M. Oddi	Complete - pending final review/audit/payment.
2019	5181972940	Evans Road Culvert Twinning	1,330,000	552,497	719,073	58,430	95.6%	M. Oddi	Ongoing - C15-19-21 - construction 2021/22.
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.

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2019	5182155101	SERG - SC & Battlefield Creek	400,000	-	-	400,000	0.0%	B. Posedowski	STATUS: Not started. NEXT STEPS: Scope deferred per conversation with HCA; reassess project need by Q2 2022.
2020	5182017040	Hwy 97 Culvert Improvements	760,000	137,200	66,635	556,164	26.8%	E. Waite / H. Krinas	Geo-tech assignment currently underway. Additional \$300k included in 2022 budget for construction in 2022.
2020	5182017152	Roadside Drainage Improvements	1,400,000	815,870	406,338	177,792	87.3%	M. Field / M. Pastuszok	Work completed. Some emergency work completed as required.
2020	5182017458	Catch Basin Replace & Rehab	500,000	212,289	97,711	190,000	62.0%	M. Field / S. Cooper	Complete - pending final review/audit/payment.
2020	5182017550	Concrete Box Culvert - ES	250,000	16,307	-	233,693	6.5%	E. Waite / H. Krinas	Anticipate completion by year end 2022.
2020	5182018101	Old Guelph Rd-Culvert Replace	433,000	392,900	40,296	(196)	100.0%	E. Waite / H. Krinas	Complete - pending final review/audit/payment.
2020	5182049555	QA-QC Service Contract 2020	195,000	-	-	195,000	0.0%	E. Waite / H. Krinas	Funds will be used for 2021/22 QA-QC.
2020	5182055421	SW System Planning Program	380,000	64,556	2,820	312,624	17.7%	C. Cholkan	STATUS: This is an annual budget to undertake ad hoc hydraulic analysis and to support annual program works. NEXT STEPS: Two field data collection projects underway and new contracts to support DA and CPMS reviews anticipated in 2022
2020	5182055825	Stormwater Drainage Analysis	760,000	477,745	307,089	(24,833)	103.3%	C. Cholkan	STATUS: Five separate ongoing projects, with four PMs. NEXT STEPS: No future phases, various projects, with some being able to close potentially by end of Q2 2022.
2020	5182057545	Stormwater Computer Model	1,080,000	-	-	1,080,000	0.0%	B. Posedowski	STATUS: Budget allocated for the development of hydraulic models of the City's existing stormwater network. NEXT STEPS: Anticipate new contract in 2022 to develop hydraulic model of Waterdown stormwater collection system.
2020	5182060622	SWM Pond-Creek Maint Prog 2020	1,700,000	1,101,535	436,017	162,448	90.4%	N. Winters / D. Alberton	2020 Contract awarded and in construction. Anticipate completion by year end 2022.
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	1,471	-	588,529	0.2%	E. Waite / H. Krinas	Construction delayed until 2023 due to ongoing environmental studies.
2020	5182067875	Beach Strip SW Pump Station	300,000	49,112	278,512	(27,624)	109.2%	B. Posedowski	STATUS: Work in progress - EA Study NEXT STEPS: Land Acquisition, If Required Q3 2022.
2020	5182072293	Hwy 8 - Hillcrest stm sewer	300,000	289,040	4,796	6,163	97.9%	M. Oddi	Complete - pending final review/audit/payment.
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	5,061	43,412	761,527	6.0%	N. Winters / D. Alberton	Ongoing - Limited Resources to Deliver Work Plan. (No 2021 Budget allocated)
2020	5182074951	Shoreline Protection Program	400,000	17,977	172,806	209,217	47.7%	N. Winters / D. Alberton	2020 Contract awarded and in construction. Anticipate completion by year end 2022.
2020	5182080089	Rymal - Fletcher to Up Cent	1,621,000	1,541,562	50,762	28,676	98.2%	M. Oddi	Ongoing - C15-50-19 - surface asphalt in 2022.
2021	5182101099	Eng Services Staffing	1,100,000	1,338,796	-	(238,796)	121.7%	E. Waite / P. McNab	To fund Engineering Services staffing costs through capital for work on storm related capital projects, both in-year and future. This project represents staffing costs for 2021 and 2022.
2021	5182117152	Roadside Drainage Improvements	1,500,000	206,911	163,394	1,129,694	24.7%	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. Work in 2022 to be completed by Q4 2022.
2021	5182117458	Catch Basin Replace & Rehab	500,000	698,504	548,974	(747,478)	249.5%	M. Field / S. Cooper	Complete - pending final review/audit/payment.

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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	25,074	164,822	60,104	76.0%	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	5182149555	QA-QC Service Contract 2021	174,000	902	43,373	129,724	25.4%	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	97,000	29,333	500	67,167	30.8%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5182160129	Res Drainage Assistance Prog	100,000	-	25,850	74,150	25.9%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182160533	Trenchless Manhole Rehab	70,000	152	-	69,848	0.2%	E .Waite / H. Krinas	Anticipated commencement Q2 2022.
2021	5182160622	SWM Pond-Creek Maint Prog 2021	2,000,000	1,261,442	437,787	300,771	85.0%	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	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	164,000	36,738	25,000	102,262	37.6%	D. Lamont / C. Lauricella	Ongoing - work in progress. 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	67,169	-	102,831	39.5%	J. Helka	STATUS: Work completed.
2021	5182170010	Barton - Parkdale to Talbot RR	1,700,000	3,683	-	1,696,317	0.2%	S. Jacob / H. Krinas	Tender Q1 2022, construction to begin in Q2 2022.
2021	5182172011	HWY 8 - Bond to Woodleys Lane	2,150,000	668,226	814,145	667,629	68.9%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5182172205	Glenmorris (York Heights Nbhd)	30,000	8,297	-	21,703	27.7%	E .Waite / H. Krinas	Design on hold pending complications with storm outlet. Anticipated Design 2022, construction 2023.
2021	5182172210	Barton - Parkdale to Talbot	1,530,000	3,315	-	1,526,685	0.2%	S. Jacob / H. Krinas	Tender Q1 2022, construction 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 Q2 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 Q2 2022.
2021	5182174840	Stormwater Replacement Project	500,000	-	-	500,000	0.0%	B. Posedowski	STATUS: Not started. NEXT STEPS: Awaiting clarification on Stormwater mandate related to bridge/culvert hydraulic assessments before initiating projects under this account.
2021	5182174951	Shoreline Protection Program	1,320,000	14,274	10,905	1,294,821	1.9%	N. Winters / D. Alberton	To be utilized in 2022 where required for inspections and repairs. No pressing need due to low water levels.
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	171,818	-	58,182	74.7%	T. Sergi / G. Norman	Ongoing - work in progress.

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2021	5182180280	Airport-Homestead-Mountaingate	1,360,000	-	-	1,360,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180281	Rymal - Massina to 140m E	70,000	-	-	70,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180285	SWMP - SM20	1,125,000	-	-	1,125,000	0.0%	T. Sergi / G. Norman	Ongoing - work in progress.
2021	5182180584	Nebo - Rymal to Twenty Rd E	2,000,000	4,333	-	1,995,667	0.2%	S. Jacob / G. Norman	Postponed to 2023 due to storm scope not being ready.

Sub-Total Storm Sewers Regular Program

77,677,373 35,299,769 7,191,337 35,186,266 54.7%

Waterworks Regular Program

2011	5141166110	WTP - Process Upgrades	30,960,000	26,861,546	3,309,264	789,190	97.5%	S. Leitch	STATUS: Work in Progress - WTP Phase 1 Upgrades, Post Substantial work underway for clearwell conduit. NEXT STEPS: Completion anticipated end of May 2022.
2011	5141167150	Greensville New Well – EA	720,000	1,493,235	-	(773,235)	207.4%	M. Silverio	STATUS: Work Completed. NEXT STEPS: Account to be closed. Unfavorable Budget Variance due to Staffing Chargebacks.
2012	5141267274	Kenilworth PS - HD005 Upgrades	3,355,000	3,097,989	222,012	34,999	99.0%	S. Leitch	STATUS: Warranty period completed Feb 26, 2022. NEXT STEPS: Post substantial deficiencies in progress.
2012	5141269250	HVAC Upgrade New Lab & Admin	5,620,000	1,199,507	-	4,420,493	21.3%	S. Leitch	STATUS: RFP (Design) Package issued. NEXT STEPS: Review RFP submissions for Design.
2012	5141297282	Waterdown S Storage - PD W-07	8,620,000	7,032,461	-	1,587,539	81.6%	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	797,950	287,561	1,514,489	41.8%	S. Leitch	STATUS: Design in progress. NEXT STEPS: RFPQ to be submitted Q1 2022.
2013	5141395354	PD18 Elevated Reservoir W14	3,410,000	477,095	8,939	2,923,966	14.3%	B. Posedowski / U. Ehrenberg	STATUS : This project is under review with Sr Management as the recommendation to proceed with the Class EA 30 day review has been rejected. NEXT STEPS : pending consultation with Sr Management and Master Plan recommendation.
2014	5141455425	Concrete Pipe Condition Assessment	2,750,000	2,549,028	196,776	4,196	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	791,458	1,125,223	683,319	73.7%	S. Leitch	STATUS: Pre-design in progress. NEXT STEPS: Project on hold at end of pre-design until further notice.
2015	4411506103	Pier 8 Sanitary PS & Forcemain	14,851,000	12,862,175	415,639	1,573,186	89.4%	E. English	Complete. Commissioning complete.
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	340,385	237,898	371,717	60.9%	B. Sarker	STATUS : EA Study. NEXT STEPS : Completion Q3 2023.
2015	5141555555	City Wide Groundwater Model	1,160,000	922,971	137,235	99,794	91.4%	B. Posedowski	STATUS: Freilton -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 : This project is in CPMS. NEXT STEPS : It's timing is subject to completion of the Master Plan and Capital Coordination by Asset Management.
2015	5141566711	Annual Water Treatment Studies	250,000	180,799	65,301	3,901	98.4%	S. Lapointe	STATUS: 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	109,402	171,460	1,899,138	12.9%	B. Posedowski / U. Ehrenberg	STATUS : Ongoing Class EA to determine the best future pump station location. NEXT STEPS : PIC and alternatives review. Land acquisition budget is inadequate if the EA determines that this is needed.
2015	5141567520	HDR05 Reservoir Upgrades	7,167,000	6,083,686	184,162	899,152	87.5%	S. Leitch	STATUS: Work in Progress - Warranty period. NEXT STEPS: Warranty End Date Q2 2022. Phase 2 upgrades preparing RFP for design issuance by Q4 2022.
2015	5141567575	High Lift PS Upgrades Phase 2	3,900,000	643,604	62,347	3,194,049	18.1%	S. Leitch	STATUS: Construction RFT NEXT STEPS: Construction Substantial Performance Q3 2022.

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2015	5141567577	Security - Water PS Facilities	5,600,000	2,274,236	-	3,325,764	40.6%	D. Duarte	Project has been transferred to facilities for next steps.
2015	5141595553	HD12A PS Upgrades (W-04)	1,660,000	430,598	76,789	1,152,612	30.6%	S. Leitch	STATUS : Ongoing. NEXT STEPS : development of System Curves, and Conceptual Operation strategy and flushing regime.
2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,495,784	41,037	22,763,180	10.0%	S. Jacob / H. Krinas	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	7,604,316	-	360,684	95.5%	S. Leitch	STATUS: Warranty ended July 2021. NEXT STEPS: close project.
2016	5141667420	Ben Nevis & Dewitt HD08A WPS	3,140,000	2,911,398	145,713	82,889	97.4%	S. Leitch	STATUS: Warranty ended August 2021. NEXT STEPS: close project.
2016	5141667421	Glancaster & Hwy 53 HD018 WPS	12,600,000	344,265	674,659	11,581,077	8.1%	S. Leitch	STATUS: Work in Progress - Design (Interim Upgrades). NEXT STEPS: Issue RFT for construction Q2 2022.
2016	5141667422	Osler Road HD011 WPS	2,569,000	2,435,272	66,155	67,573	97.4%	S. Leitch	STATUS: Warranty ended August 2021. NEXT STEPS: close project.
2016	5141667423	Freelton Well FDF01 Capacity	1,870,000	398,770	8,670	1,462,559	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	407,035	75,443	5,407,522	8.2%	S. Leitch	STATUS: EA Schedule B Addendum for Capital Upgrades in progress. NEXT STEPS: RFP for Design Q4 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%	S. Jacob / H. Krinas	Tender Q1 2022, construction 2022.
2017	5141766421	WTP Fluoride Building HVAC	470,000	399,007	159,126	(88,133)	118.8%	S. Leitch	STATUS: construction in progress. NEXT STEPS: Construction Substantial Performance Q2 2022.
2017	5141766711	Annual Water Treatment Studies	250,000	222,326	20,896	6,778	97.3%	S. Lapointe	STATUS: Complete - PMATS (19.07) Maintenance Strategy Assessment Services - Close Project - Q2 2022.
2017	5141766713	Annual Water Maintenance	2,500,000	1,818,135	376,640	305,225	87.8%	S. Lapointe	STATUS: Construction - PMATS (16.14) Backflow Preventors - Substantial Performance - Q2 2022; 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	123,225	-	816,775	13.1%	S. Leitch	STATUS: Work in Progress - Scope Verification. NEXT STEPS: Management to determine cost benefit of project scope Q2 2022.
2017	5141767650	New Greensville Communal Well	1,570,000	275,465	111,115	1,183,420	24.6%	C. Vanderperk / C. Vega	STATUS: constructability assessment - final draft. NEXT STEPS: resume EA and pumping test in 2022.
2017	5141795850	Greenhill PS HD04B & HD05A	24,120,000	1,461,413	30,337	22,628,250	6.2%	S. Leitch	STATUS: RFP Prep for Design. NEXT STEPS: Pending Legislation update for MCEA Q1 2022. Updates may impact timing of Capital Project.
2017	5141796752	PD16 Trunk - PS HD016 to Hwy 5	3,000,000	444,478	363,713	2,191,809	26.9%	B. Posedowski / U. Ehrenberg	STATUS : Ongoing Class EA to determine the best future trunk watermain location. NEXT STEPS : PIC and alternatives review.
2018	5141855777	LRT Corridor - Water	920,000	-	-	920,000	0.0%	B. Posedowski / U. Ehrenberg	STATUS : Work on hold. NEXT STEPS : Waiting for guidance from LRT office.
2018	5141866713	Annual Water Maintenance	1,500,000	401,794	318,094	780,113	48.0%	S. Lapointe	STATUS: Construction - PMATS (20.03) Scenic Reservoir - Substantial Performance - Q4 2022; - PMATS (21.13) Chlorine Building NDT Structural Assessment - - Q2 2022;Construction - C (19.07) Fluoride & CCB Process and H&S Upgrades - Substantial Performance - Q2 2022; Construction - C (20.04) Osler Drive (HC011) Health & Safety Immediate Needs - Awaiting PO and NTP - Q2 2022.
2018	5141867651	HD007 Highland Rd Reservoir	260,000	118,313	37,470	104,217	59.9%	S. Leitch	STATUS: Project Chartering in progress. NEXT STEPS: RFP for Design Q2 2022.
2018	5141895852	Carlisle Additnl Water Storage	880,000	117,497	449,788	312,715	64.5%	C. Vanderperk / C. Vega	STATUS: Kick-off meeting in November. NEXT STEPS: PIC and CLC - Q2 2022.
2018	5141895956	Water Distribution Model	350,000	268,299	149,260	(67,558)	119.3%	X. Wang	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase.
2019	5141955010	Water Systems Planning Program	400,000	407,016	92,173	(99,189)	124.8%	H. Trieu	STATUS : Multiple Ongoing POs. NEXT STEPS : See PO Quarterly Updates from the PMs.

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2019	5141955247	Drinking Water System Changes	150,000	160,277	31,490	(41,767)	127.8%	U. Ehrenberg	STATUS : ongoing POs. NEXT STEPS : mirrors development application submissions.
2019	5141955713	Drinking Water System Optimize	220,000	50,768	9,110	160,122	27.2%	B. Posedowski	STATUS : Charter for PD11 ongoing. NEXT STEPS : PO to be issued in 2022.
2019	5141957545	Water - Computer Model	280,000	-	40,000	240,000	14.3%	X. Wang	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase.
2019	5141961910	Res Water Meter and Meter Pit	100,000	-	-	100,000	0.0%	N. Winters / J. Wagner	Project is currently on hold due to COVID-19.
2019	5141966151	SCADA servers and network	2,650,000	876,551	235,288	1,538,161	42.0%	S. McCauley	Project on going, servers are being commissioned. Awaiting tender document.
2019	5141966420	Woodward WTP - Chlorine Bldg	800,000	160,048	-	639,952	20.0%	S. Leitch	STATUS: RFP documentation complete. NEXT STEPS: RFP for design Q1 2022.
2019	5141966711	Water Treatment Studies	250,000	99,037	93,530	57,433	77.0%	S. Lapointe	STATUS: Complete - PMATS (19.07) Maintenance Strategy Assessment Services - Close Project - Q2 2022; Construction - PMATS (16.45) Arc Flash - Substantial Performance - Q3 2022
2019	5141966713	Water Maintenance Capital	2,000,000	849,799	997,889	152,312	92.4%	S. Lapointe	STATUS: Construction - PMATS (20.03) Scenic Reservoir - Substantial Performance - Q4 2022.
2019	5141966911	WTP - Bio Filtration Study	400,000	-	-	400,000	0.0%	S. Leitch	STATUS: Study Complete. NEXT STEPS: Close out project.
2019	5141967375	Kenilworth&Ben Nevis Reservoir	15,660,000	6,872,821	9,176,556	(389,378)	102.5%	S. Leitch	STATUS: Soil contamination removal work in Progress. NEXT STEPS: Soil Contamination removal construction anticipated completion Q3 2022.
2019	5141967752	Water Outstation Inspections	660,000	369,214	29,440	261,346	60.4%	S. Leitch	STATUS: Kelly St PS & Reservoir condition assessment assignments. CA Implementation Plan. NEXT STEPS: Implementation Plan continues through 2025. Assessment projects complete Q4 2021 through Q3 2022.
2019	5141970007	Haddon - Sterling to Marion	310,000	248,042	51,298	10,660	96.6%	M. Oddi	Complete - pending final review/audit/payment.
2019	5141970010	Parkdale - Burlington to north end & Steel City Court	1,050,000	941,542	81,508	26,950	97.4%	M. Oddi	Complete - pending final review/audit/payment.
2019	5141970012	Sheaffe / Park / Mulberry (Central Nbhd (North))	1,110,000	933,034	172,942	4,024	99.6%	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	541,804	12,295	(99)	100.0%	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	1,515,767	28,128	746,105	67.4%	M. Oddi	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 is complete. NEXT STEPS : CD/AM to determine next step. Master Plan Update will verify timing.
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	627,179	648,715	(275,893)	127.6%	E. Waite / P. McNab	Ongoing - work in progress. % spent is dependent upon contaminated soil/excess rock discovered at time of construction.
2020	5142055010	Water Systems Planning Program	300,000	128,461	183,653	(12,114)	104.0%	B. Posedowski	STATUS : Multiple Ongoing POs. NEXT STEPS : See PO Quarterly Updates from the PMs.
2020	5142055022	Engineering Consultants	300,000	209,688	61,187	29,125	90.3%	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.

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2020	5142055425	Concrete Pipe Condition Assess	400,000	110,584	177,153	112,262	71.9%	E .Waite / H. Krinas	Anticipate completion by year end 2022.
2020	5142055851	Water Efficiency Plan-Program	170,000	17,463	66,440	86,097	49.4%	N. Winters / C. Wilson	No payments for the model have been made yet. Will be completed by June 1st. The remaining unused \$86K funds are not required if the 2022 project is being put forth.
2020	5142057545	Drinking Water System Model	280,000	229,305	63,052	(12,357)	104.4%	B. Posedowski	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase.
2020	5142060577	Metallic WM Condition Assess	630,000	415,442	147,104	67,454	89.3%	E .Waite / H. Krinas	2020 contract underway and pending water system management requirements. 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	1,131,695	40,843	(537)	100.0%	E .Waite / H. Krinas	Complete - close once p.o. has been paid or cleared.
2020	5142061310	Woodrwd Trans Pipeline Rep	500,000	2,047	-	497,953	0.4%	E .Waite / H. Krinas	Dig investigation on Summercrest to be done 2022.
2020	5142061502	New & Replacement Water Meters	2,920,000	1,435,323	291,532	1,193,145	59.1%	N. Winters / J. Wagner	Project will be closed soon. Unused funds will be used for the to Fund the AMI RFP project in 2022
2020	5142066310	WTP Pre-Treat Isolation Valves	1,930,000	166,461	68,784	1,694,756	12.2%	S. Leitch	STATUS: Roster Assignment Conceptual Review in progress. NEXT STEPS: Design RFP Q1 2023.
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 Q2 2022.
2020	5142067420	St Joseph Tank Dampener	170,000	-	-	170,000	0.0%	S. Leitch	STATUS: Project Chartering in progress for decommissioning project. NEXT STEPS: Develop RFP for decommissioning of this redundant infrastructure. Q3 2022.
2020	5142067450	Lee Smith Reservoir HDR00	1,110,000	22,476	37,470	1,050,054	5.4%	S. Leitch	STATUS: On hold; awaiting Systems Planning Master Plan information. NEXT STEPS: Awaiting direction from Systems Planning.
2020	5142067752	Water Outstation Inspections	660,000	229,764	267,655	162,582	75.4%	B. Posedowski	STATUS: Work in progress - 3 condition assessment assignments in progress. NEXT STEPS: 3 assessment projects complete Q4 2021 through Q3 2022.
2020	5142069075	Environmental Lab Improvements	150,000	112,390	18,790	18,820	87.5%	N. Winters / S. Girt	This project is tied to the HVAC upgrade. Out for tender to hire 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	5142071315	LRT Main - Delena wm replace	1,358,000	532,081	854,452	(28,534)	102.1%	M. Oddi	Ongoing - C15-19-21 - construction 2021/2022.
2020	5142096520	Garner Rd Trunk Watermain	3,390,000	27,169	104,668	3,258,162	3.9%	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.
2020	5142160072	Annual Watermain Lining Prgm	7,700,000	8,153,498	-	(453,498)	105.9%	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	5142101099	Eng Services Staffing	4,700,000	4,567,319	-	132,681	97.2%	E. Waite / P. McNab	To fund Engineering Services staffing costs through capital for work on water related capital projects, both in-year and future. This project represents staffing costs for 2021 and 2022.
2021	5142101999	Lakeside Litigation	202,000	85,771	-	116,229	42.5%	M. Oddi	To be closed in the next Closing Report.
2021	5142111101	Annual Road Restoration	5,400,000	4,098,992	-	1,301,008	75.9%	D. Lamont / B. Waddell	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.

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2021	5142149555	QA-QC Service Contract 2021	210,000	44,462	-	165,538	21.2%	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	Some of the vehicles have arrived and others are on order; however due to current automotive supply delays related to COVID-19 we are experiencing significant delays on vehicle deliveries.
2021	5142155022	Engineering Consultants	300,000	16,038	133,743	150,219	49.9%	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	301,464	305,454	193,082	75.9%	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	29,650	41,056	79,294	47.1%	B. Posedowski	STATUS : ongoing Pos. NEXT STEPS : mirrors development application submissions
2021	5142155556	Mapping Update Program	115,000	33,661	-	81,339	29.3%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5142157545	Water - Computer Model	170,000	-	47,383	122,617	27.9%	B. Posedowski	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase.
2021	5142157626	Critical WM Inspection Program	600,000	8,262	165,483	426,255	29.0%	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	206,467	219,268	74,264	85.1%	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	325	-	149,675	0.2%	E .Waite / H. Krinas	To be closed in the next Closing Report.
2021	5142160074	CIPP Urgent&Sensitive Crossing	800,000	794,218	7,223	(1,441)	100.2%	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	5142160080	Valve Replacement - 2021	1,200,000	325,859	32,109	842,032	29.8%	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 : This is a demand driven project in response to development applications where Fire Flow or LOS is inadequate and can be resolved through an External Works Agreement with the Developer. NEXT STEPS : Currently no known need for utilizing this budget.
2021	5142160577	Metallic WM Condition Assess	630,000	21,793	580,635	27,572	95.6%	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	17,873	-	232,127	7.1%	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. 2022 budget/requirements will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5142160750	Unscheduled Valve-Hydrant Etc	3,000,000	655,683	1,700,000	644,317	78.5%	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. On going to be fully committed by Dec 2022
2021	5142161302	Jackson - Catherine to Walnut	411,000	400,625	-	10,375	97.5%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5142161304	Robert - Victoria to Emerald	460,000	473,784	-	(13,784)	103.0%	M. Oddi	To be closed in the next Closing Report.
2021	5142161305	Fraser-Edinburgh to Campbell	160,000	159,262	-	738	99.5%	M. Oddi	To be closed in the next Closing Report.
2021	5142161306	Afton-Cedar to Balsam	160,000	132,250	14,610	13,140	91.8%	M. Oddi	Complete - pending final review/audit/payment.
2021	5142161307	Mulberry - Bay to James	990,000	526,045	-	463,955	53.1%	M. Oddi	Ongoing - C15-20-21 - construction 2021/22.
2021	5142161502	New & Replacement Water Meters	3,400,000	3,919,497	-	(519,497)	115.3%	N. Winters / J. Wagner	Project has recommenced in June 2021 and will continue through to Oct 31st, 2022. Additional budget added through the 2022 budget process.

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2021	5142162073	Field Data Systems Program	110,000	104,512	5,000	488	99.6%	D. Lamont / C. Lauricella	Ongoing - work in progress. 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	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	5142166110	Water Treatment Plant Upgrades	1,627,000	181,065	141,772	1,304,163	19.8%	S. Leitch	STATUS: WTP Phase 2 conceptual design in progress. NEXT STEPS: complete conceptual design Q3 2022 followed by Phase 2 RFP issuance Q4 2022.
2021	5142166578	Waterdown Private Well Study	100,000	27,699	-	72,301	27.7%	C. Vanderperk	STATUS: Report complete. NEXT STEPS: PO can be closed.
2021	5142166608	Lynden Water System - Phase 2	610,000	10,096	-	599,904	1.7%	S. Leitch	STATUS: RFP Development in progress. NEXT STEPS: RFP Q2 2022.
2021	5142167420	HDR18 Glancaster Reservoir	440,000	-	37,470	402,530	8.5%	S. Leitch	STATUS: Reservoir CFD Modelling and Baffling recommendations in progress. NEXT STEPS: complete review Q2 2022.
2021	5142167421	HDR11 Woodley Lane Reservoir	1,600,000	-	37,470	1,562,530	2.3%	S. Leitch	STATUS: Reservoir CFD Modelling and Baffling recommendations in progress. NEXT STEPS: complete review Q2 2022.
2021	5142167752	Water Outstation Inspections	500,000	-	-	500,000	0.0%	S. Leitch	STATUS: Kelly St standpipe condition assessment assignment. NEXT STEPS: Assessment project complete Q1 2023.
2021	5142167840	PD9 & PD10 East Stoney Creek	720,000	9,635	-	710,365	1.3%	S. Leitch	STATUS: Conceptual Design complete. NEXT STEPS: Awaiting direction from senior management.
2021	5142169075	Environmental Lab Improvements	275,000	55,327	19,246	200,427	27.1%	N. Winters / S. Girt	This project is tied to the HVAC upgrade. Out for tender to hire consultant for detailed design. Schedule and expected completion date will be determined during detailed design. This project is also tied to Lab equipment upgrades that are planned to occur in 2022 (have been on hold due to the pandemic).
2021	5142170004	Strachan - James to east end	440,000	459,025	-	(19,025)	104.3%	M. Oddi	To be closed in the next Closing Report.
2021	5142170011	HWY 8 - Bond to Woodleys Lane	830,000	37,997	489,858	302,145	63.6%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022
2021	5142170015	Delena - Beland - Dunsmore RR	930,000	206,816	781,990	(58,806)	106.3%	M. Oddi	Ongoing - C15-19-21 - construction 2021/2022
2021	5142171074	Annual Unshed Works - 2021	299,996	264,370	21,904	13,722	95.4%	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	108	-	49,892	0.2%	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	579,282	-	60,718	90.5%	M. Oddi	To be closed in the next Closing Report.
2021	5142171308	East-West Corridor Waterdown	1,200,000	2,600	-	1,197,400	0.2%	S. Jacob / H. Krinas	Prequalification completed. Design under review by Halton Conservation Authority. Construction start 2022.
2021	5142171309	Inverness & Arcade	150,000	139,909	-	10,091	93.3%	M. Oddi	To be closed in the next Closing Report.
2021	5142171310	Barton - Parkdale to Talbot	1,200,000	2,340	-	1,197,660	0.2%	S. Jacob / H. Krinas	Tender Q1 2022, construction to begin in Q2 2022.
2021	5142171311	HWY 8 - Bond to Woodleys Lane	867,000	647,964	251,242	(32,206)	103.7%	M. Oddi	Ongoing - C15-26-21 - construction 2021/2022.
2021	5142171328	Southcote-Garner to Hwy 403 BR	160,000	7,469	51	152,480	4.7%	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	3,900	-	1,796,100	0.2%	S. Jacob / H. Krinas	Tender Q1 2022, construction 2022 to 2026.
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

326,129,996 141,867,265 29,563,929 154,698,802 52.6%

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<u>Wastewater Regular Program</u>									
2007	5160755640	Non-trunk Flow Monitoring	500,000	114,300	398,089	(12,389)	102.5%	S. Leitch	STATUS: Work in Progress - Design for the implementation of Real Time Control Management of Wet Weather Flows Phase 2 (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	83,481,740	102,432	615,829	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 for the implementation of Real Time Control Management of Wet Weather Flows Phase 2 (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	410,871,191	361,145,346	49,725,845	-	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 Q4 2022.
2009	5160966910	WWTP - Biosolids MP Implement	41,270,000	36,403,131	4,813,422	53,447	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	2,887,553	-	3,112,447	48.1%	S. Leitch	STATUS: Warranty complete. NEXT STEPS: close project.
2010	5161066065	Waste Hauler Receiving Station	3,439,800	3,217,504	109,776	112,520	96.7%	S. Leitch	STATUS: Work in Progress - warranty. NEXT STEPS: Warranty end Q2 2022.
2012	5161266213	Dundas WWTP Improvements	2,910,200	506,526	-	2,403,674	17.4%	S. Leitch	STATUS: Upgrade project on hold. NEXT STEPS: Exploring funding opportunities for the preferred upgrade solution.
2012	5161267270	Ancaster WW Outstations	10,370,000	9,127,340	593,652	649,008	93.7%	S. Leitch	STATUS: Substantial Performed (HC005) Q4 2021. NEXT STEPS: Warranty end Q4 2022.
2012	5161267273	Dundas WW Outstations	5,900,000	1,451,998	11,500	4,436,502	24.8%	S. Leitch	STATUS: Request for Proposals for Design (DC010) ongoing. NEXT STEPS: issue RFP Q2 2022.
2014	5161455420	SERG - Flooding & Drainage MP	555,000	501,248	19,340	34,412	93.8%	G. Caterini	STATUS: Complete - Peer Review Scope and draft Flooding and Drainage Master Servicing Study NEXT STEPS: Issue project charter for additional studies if
2014	5161467756	Greenhill & Cochrane HCS01	2,920,000	406,131	91,086	2,422,783	17.0%	S. Leitch	STATUS: PO performing tank cleaning. Roster initiation underway for electrical investigation. NEXT STEPS: Investigation complete Q2 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	21,952	90,482	62.8%	N. Winters / S. Girt	2021 - \$20,000 Permanent Dewatering Consulting Assignment. Plan completion Q2 2022. 2022 - \$40,000 Divisional OH&S Job Hazard Assessment Program and Application Development. Required budget will be less if a new application development is out of scope. 2022 - \$25,000 Divisional QMS Resource 'Page'. Budget is required if this will be done through an external consultant. Will not be require if done in-house. 2024 - \$50,000 It is understood that the corporate LMS will not meet requirements for operator licenses and certifications. A Business Integration Application may be required.
2015	5161555264	City-Wide Wastewater MP	950,000	541,086	56,666	352,248	62.9%	B. Posedowski	STATUS : EA Study. NEXT STEPS : Completion Q3 2023.
2015	5161555545	Capital Works Information Mgmt	280,000	28,626	209,517	41,857	85.1%	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	9,172	140,208	86.5%	M. Oddi	Complete - Close once commitments are paid/cleared.

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2015	5161567564	HC005 - Schedule C EA	990,000	316,212	102,636	571,151	42.3%	S. MacPherson-Nemeth	STATUS: Complete - EA (Emergency Overflow Schedule C Municipal Class). NEXT STEPS: Project Close-out, Q1, 2022.
2015	5161596855	Royal to Main-King CSO (WW-22)	24,880,000	2,809,063	29,747	22,041,190	11.4%	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: Implementation of private I&I reduction recommendations (Q3, 2022), and initiation of a flow Monitoring study following the I&I Reduction Solution Implementation.
2016	5161655351	Lawfield & Berrisfield Area	355,000	239,105	-	115,895	67.4%	B. Posedowski	STATUS: Complete - Neighborhood I&I Reduction Study. NEXT STEPS: Implementation of study recommendations, including, private property downspout disconnection (Q3, 2022), MH lid survey, dye testing, and initiation of post-implementation flow monitoring.
2016	5161660610	Binbrook Manhole & Sewer Rehab	420,000	86,527	-	333,473	20.6%	E .Waite / H. Krinas	Complete - pending final review/audit/payment.
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, Q3, 2022
2016	5161667421	New Haulage Receiving Station	2,490,000	271,636	132,065	2,086,299	16.2%	B. Posedowski	STATUS: Work in Progress - EA (Addendum to the original EA for additional sites assessment) and Conceptual Design Development NEXT STEPS: Detailed Design and Construction phases.
2016	5161667622	FC001 DC009 HC011 Upgrades	7,500,000	1,642,430	477,249	5,380,321	28.3%	S. Leitch	STATUS: FC001, DC009 Project Warranty complete. HC011 project in Design. NEXT STEPS: RFT for Construction (HC011) Q2 2022.
2016	5161695747	Battlefield Trunk Sewer WW-33	22,650,000	1,573,829	1,000	21,075,171	7.0%	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	AEGD - Dickenson Rd FM & Sewer	51,500,000	2,539,154	992,258	47,968,588	6.9%	S. Jacob / H. Krinas	Project going out for tender in Feb 2022. Project is cash flowed over 2022/23. Project to complete construction by 2026.
2017	5161718420	Grindstone Creek Utility Bridge	998,068	831,674	247,228	(80,834)	108.1%	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%	N. Winters / S. Girt	EAM project ongoing. No change from previous update. Will review Existing POs in 2022 and determine if close out is necessary.
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%	N. Winters / S. Girt	Existing PO consultant support framework closed out. Council discussion pushed to Q2 2022. Active project pending outcome of discussion. Project may support additional activities related to bylaw amendments.
2017	5161766713	Wastewater Maintenance Capital	3,000,000	2,551,735	229,724	218,541	92.7%	S. Lapointe	STATUS: Construction - PMATS (20.11) Dundas Digester Roof - Project Closeout - Q1 2022; Construction - PMATS (21.02) Binbrook Odour Pilot - Project Closeout - Q3 2022; Design - PMATS (21.10) James/Guise CSO Backflow Relocation - Construction - Q2 2022.
2017	5161766745	Woodward WWTP-Oper Readiness	2,475,000	1,724,630	9,943	740,428	70.1%	F. Gonzalez	STATUS: Projects 95% complete. NEXT STEPS: Closeout project and POs.
2017	5161767420	Parkdale Av HC001 WW Statn Upg	920,000	181,269	-	738,731	19.7%	S. Leitch	STATUS: Awaiting for Pump Curves and Modeling Analysis Results. NEXT STEPS: Awaiting direction from Systems Planning.
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) for design phase, and implement decommissioning.
2017	5161796786	First Street PS Upgrade DC014	6,140,000	5,013,128	1,037,191	89,680	98.5%	S. Leitch	STATUS: Construction. NEXT STEPS: Substantial Performance Q2 2022.
2018	5161855777	LRT Corridor - Wastewater	920,000	30,781	2,500	886,719	3.6%	B. Posedowski	STATUS : Work on hold. NEXT STEPS : Waiting for guidance from LRT office.
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	Reinspect in 2022. Priority is now pending based on alignment of the Lower Centennial Interceptor at the Woodward Treatment Plant.

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2018	5161866511	Woodward WWTP - Digester #4	5,500,000	5,177,458	357,906	(35,364)	100.6%	S. Lapointe	STATUS: Construction Completing Commissioning. - PMATS (16.09) Digester #4 - Substantial Performance - Q1 2022.
2018	5161866713	Wastewater Maintenance Capital	3,600,000	1,364,739	342,130	1,893,131	47.4%	S. Lapointe	STATUS: Construction Completing Commissioning. - PMATS (16.09) Digester #4 - Substantial Performance - Q4 2021; Tendering - PMATS (18.17) Aeration Galleries - Construction - Q3 2022; Substantial Performance achieved - C (18.06) Dundas WWTP Upgrades - Warranty - Q3 2022; HCS01 - Tank Cleaning still pending completion by Plant Ops, followed by final structural assessment. HCS01 - Station/Tank Upgrades Design. HCS06 - Station Upgrade Strategy (Immediate Needs), Scope to be included in HCS01 Station/Tank Upgrades - C (16.07) Greenhill CSO Upgrades - Conceptual/Final Report. Conceptual Design/PDR - Q2 2022.
2018	5161867752	Wastewater Outstation Inspect	520,000	287,203	-	232,797	55.2%	S. Leitch	STATUS: Work in progress - 1 condition assessment assignment in progress. NEXT STEPS: 1 assessment project anticipated completion Q4 2022.
2018	5162166810	Woodward WWTP - New Maint Bldg	500,000	49,369	48,098	402,534	19.5%	S. McCauley / S. Lapointe	STATUS: Tendering - PMATS (19.09) Maintenance Building - Construction - Q4 2022.
2019	5161955010	WW Systems Planning Program	600,000	448,589	141,459	9,952	98.3%	M. Seradj	STATUS: Work in Progress or Completed - Multiple WW system planning related studies. NEXT STEPS: Complete work in progress and initiate relevant WW system planning studies as required, Ongoing.
2019	5161955640	Flow Monitoring Program	350,000	144,690	84,963	120,347	65.6%	B. Sarker	STATUS: Work in Progress - Study (Extension of Sanitary Service Flow Monitoring and Citywide Rain Gauges Monitoring). NEXT STEPS: Complete work in progress (Q3 2022), and initiate new flow monitoring assignments as required, Ongoing.
2019	5161955955	Inflow & Infiltration Studies	500,000	180,251	-	319,749	36.1%	B. Sarker	STATUS: No current active study. NEXT STEPS: Initiate new Inflow and Infiltration / flow monitoring studies as required, Ongoing.
2019	5161957545	Wastewater Computer Model	380,000	120,287	184,554	75,159	80.2%	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	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	60,649	79,705	4,859,646	2.8%	J. Helka	STATUS: RFP in development with and award of Engineering Consultant expected by end of 2022. NEXT STEPS: Work on RFP to continue.
2019	5161966151	SCADA servers and network	1,650,000	726,981	223,875	699,144	57.6%	S. McCauley	Project on going, servers are being commissioned. Awaiting tender document.
2019	5161966511	Woodward WWTP - Digester #5	8,750,000	704,089	683,385	7,362,526	15.9%	J. Helka	STATUS: Design underway, construction anticipated to begin early 2023. NEXT STEPS: Completed design phase of the 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 Q4 2022.
2019	5161966713	Wastewater Maintenance Capital	4,000,000	1,816,746	1,127,175	1,056,079	73.6%	S. Lapointe	STATUS: Design - C (16.13) Real Time Control (RTC) Program - Tender - Q4 2022; Construction Completing Commissioning. - PMATS (16.09) Digester #4 - Substantial Performance - Q1 2022; Construction - PMATS (16.15) Headworks Biofilter - Substantial Performance - Q1 2022; Production & Assembly - PMATS (16.63) Trailer-mounted generators to meet TSSA and TBG requirements - Completion - Q2 2022; Construction - C (93) First Street SCADA - Substantial Performance - Q2 2022; Substantial Performance achieved - C (18.06) rehabilitate and repair various facilities at the Dundas wastewater treatment plant - Warranty - Q3 2022; Study Complete - WWWSF (20.22) Chedoke Creek Water Quality Improvement Study; Construction - PMATS (16.45) Arc Flash - Substantial Performance - Q3 2022.

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2019	5161967123	AEGD Growth Initiative	15,000,000	8,673,672	1,303,913	5,022,415	66.5%	S. Leitch	STATUS: Warranty end Q1 2022 for HC019 & HC027. HC018 Twenty SPS in Warranty. NEXT STEPS: HC018 Twenty SPS in Warranty end date Q4 2022.
2019	5161967752	WW Outstation Inspections	520,000	286,857	252,908	(19,764)	103.8%	S. Leitch	STATUS: Beach Blvd HC031 condition Assessment complete. In progress - Dundas Digester Structural Assessment, AM Program implementation plan, Woodward WWTP Audit projects. NEXT STEPS: Dundas Digester Structural Assessment anticipated completion Q3 2022, AM Program implementation plan anticipated complete 2025, Woodward WWTP Audit projects anticipated complete Q2 2022.
2019	5161968920	Fennell-Greenhill Drop Shaft	1,030,000	148,307	29,925	851,768	17.3%	E .Waite / H. Krinas	On hold pending DMAF application.
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	1,963,654	1,687	454,659	81.2%	M. Oddi	Ongoing - C15-20-21 - construction 2021/22.
2020	5162025045	Hopkins Court - Municipal Act	215,131	248,725	-	(33,594)	115.6%	M. Oddi	Complete - pending final review/audit/payment.
2020	5162055010	WW Systems Planning Program	530,000	329,637	259,881	(59,518)	111.2%	B. Posedowski	STATUS: Work in Progress or Completed - Multiple WW system planning related studies. NEXT STEPS: Complete work in progress and initiate relevant WW system planning studies as required, Ongoing.
2020	5162055022	Engineering Consultants	300,000	147,130	149,867	3,004	99.0%	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.
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.
2020	5162055800	Sewer Outfall Monitor Study	650,000	170,773	-	479,227	26.3%	B. Posedowski	STATUS: Project Charter Not Issued (design phase). NEXT STEPS: Issue Project Charter for the design phase.
2020	5162055801	Woodward WWTP Facility Plan	350,000	38,987	149,791	161,222	53.9%	B. Posedowski	STATUS: Work in Progress, Facility Planning Study. NEXT STEPS: Completion, Q3, 2022.
2020	5162055880	I&I Flow Monitoring Program	500,000	162,182	181,095	156,723	68.7%	B. Posedowski	STATUS: Work in Progress - Multiple WW systems flow monitoring studies NEXT STEPS: Complete work in progress and Initiate new rainfall and flow monitoring and / or Inflow & Infiltration studies / programs as required - Ongoing.
2020	5162057545	WW Comp Model Update & Maint	660,000	77,991	199,834	382,175	42.1%	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	5162060390	Wastewater System Lining	4,050,000	3,491,269	558,200	531	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	2020 Contract awarded and in construction. Anticipate completion by year end 2022.
2020	5162060575	Mainline Condition Assessment	1,640,000	326,443	46,431	1,267,125	22.7%	E .Waite / H. Krinas	Ongoing - Work in progress. Anticipated completion date Q4 2022.
2020	5162060577	Mainline Sewer Assess for C&R	100,000	225	100,000	(225)	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	420,525	12,518	66,957	86.6%	E .Waite / H. Krinas	Complete - close once p.o. has been paid or cleared.
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	2,487	-	967,513	0.3%	E .Waite / H. Krinas	Construction to begin in Q2 2022. Contract has been awarded.

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2020	5162061051	Satellite City Trunk Rehab	8,750,000	35,916	8,600,000	114,084	98.7%	E .Waite / H. Krinas	To be completed by Q4 2022 following Warranty period.
2020	5162062543	CSO Characterization Program	450,000	220,661	98,171	131,168	70.9%	B. Posedowski	STATUS: Work in progress - 2021 CSO Annual reporting study. NEXT STEPS: Complete 2021 CSO Annual reporting (Q4, 2022); initiate future annual CSO reporting studies and a CSO Characterization study in 2025, Ongoing
2020	5162066813	Dundas WWTP Health & Safety	4,900,000	930,767	153,116	3,816,117	22.1%	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 Q3 2022.
2020	5162067065	Eastport SPS (HC017) Upgrades	2,870,000	-	-	2,870,000	0.0%	S. Leitch	NEXT STEPS: Awaiting completion of a System Planning flooding assessment.
2020	5162067420	Main & King CSO Rehab	1,350,000	70,210	155,331	1,124,459	16.7%	S. McCauley	STATUS: Tendering - PMATS (20.05) Main & King CSO Rehab - Q4 2022 - Q4 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 Q3 2022.
2020	5162067752	WW Outstation Inspections	520,000	240,901	42,101	236,998	54.4%	B. Posedowski	STATUS: DC008 WWPS roster assignment prep in progress. Sulphur Springs HC010 condition assessment in progress. St Margaret Rd WWPS Condition assessment in progress. NEXT STEPS: DC008 WWPS Condition assessment complete Q2 2023. Sulphur Springs HC010 condition assessment anticipated complete Q4 2022. St Margaret Rd WWPS Condition assessment anticipated complete Q1 2023.
2020	5162068851	Pier 25 Dredging - Windermere	450,000	94,441	212,781	142,778	68.3%	S. Leitch	STATUS: HOPA currently preparing dredging contract for construction. NEXT STEPS: Construction award Q3 2022 (facilitated by HOPA).
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	5162071074	Annual Unsched Works - 2020	226,000	123,087	31,155	71,757	68.2%	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	3,955,649	36,733	1,337,619	74.9%	M. Oddi	Ongoing - C15-50-19 - surface asphalt in 2022.
2020	5162095800	Flooding & Drainage MP	880,000	127,200	-	752,800	14.5%	B. Posedowski	STATUS: No active projects. NEXT STEPS: Issue project charter for implementation of capital works and / or further studies recommended in the Flooding and Drainage Improvement Framework study.
2021	5162101099	Eng Services Staffing	4,700,000	4,516,371	-	183,629	96.1%	E. Waite / P. McNab	To fund Engineering Services staffing costs through capital for work on wastewater related capital projects, both in-year and future. This project represents staffing costs for 2021 and 2022.
2021	5162101999	Lakeside Litigation	90,000	90,290	-	(290)	100.3%	M. Oddi	To be closed in the next Closing Report.
2021	5162111101	Annual Road Restoration	1,800,000	1,508,951	-	291,049	83.8%	D. Lamont / B. Waddell	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	35,128	59,755	115,118	45.2%	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	182,814	115,285	1,901	99.4%	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	5162155556	Mapping Update Program	96,000	28,841	1,000	66,159	31.1%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5162155878	Forcemain Condition Assessment	270,000	47,930	179,619	42,450	84.3%	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	5162155880	Inflow & Infiltration Studies	450,000	208,056	274,086	(32,143)	107.1%	B. Posedowski	STATUS: Work in Progress or Completed - Multiple Inflow and Infiltration Studies. NEXT STEPS: New Inflow and Infiltration Studies as required Ongoing.

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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: Complete work in progress and initiate new WW systems computer modelling assignments as required, Ongoing.
2021	5162160302	Annual Emerg Repairs-X Connect	500,000	217,171	381,745	(98,916)	119.8%	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. 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	2,510,198	1,522,220	17,583	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	5162160391	Upper James Force Main Lining	3,500,000	3,469,943	390	29,667	99.2%	E .Waite / H. Krinas	Complete - pending final review/audit/payment.
2021	5162160522	Annual Sewer Lateral Manag-WWC	4,250,000	1,325,339	1,197,319	1,727,342	59.4%	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	5162160533	Trenchless Manhole Rehab	70,000	438	-	69,562	0.6%	E .Waite / H. Krinas	Anticipated commencement Q2 2022.
2021	5162160574	Pre-Con Mainline Assessment	500,000	473,954	249,000	(222,954)	144.6%	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	113,507	140,236	886,257	22.3%	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	55,646	469,134	15,221	97.2%	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	5162160577	Mainline Sewer Assess for C&R	100,000	6,767	68,755	24,478	75.5%	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	10,527	-	239,473	4.2%	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. 2022 budget/requirements will be included in this project ID. Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162160820	Open Cut Repairs for CIPP	560,000	34,601	518,678	6,721	98.8%	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	563	-	259,437	0.2%	S. Jacob / H. Krinas	Design/construction 2022/23. Anticipate completion following two year warranty period.
2021	5162161444	Annual Private Drain Repairs	3,600,000	1,578,330	1,593,632	428,039	88.1%	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	507,489	434,654	(332,142)	154.4%	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	5162162073	Field Data Systems Program	170,000	35,935	15,469	118,596	30.2%	D. Lamont / C. Lauricella	Ongoing - work in progress. 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 for addition of swab launch chamber. NEXT STEPS: RFP for design Q3 2022.
2021	5162167420	DC007 McMaster Sewage Pumping	770,000	56,498	113,951	599,551	22.1%	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.
2021	5162167752	Wastewater Outstation Inspect	200,000	-	-	200,000	0.0%	S. Leitch	STATUS: Reviewing upcoming condition assessment assignments for issuance. NEXT STEPS: Scope verification process for chartered assignments.
2021	5162168777	Chedoke Creek Water Qlty Imprv	1,050,000	681,167	29,500	339,333	67.7%	C. Vanderperk	STATUS: Work in Progress - Tender for Construction NEXT STEPS: Completion Q4 2023.

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2021	5162169075	Environmental Lab Improvements	410,000	118,785	14,310	276,905	32.5%	N. Winters / S. Girt	This project is tied to the HVAC upgrade. Out for tender to hire consultant for detailed design. Schedule and expected completion date will be determined during detailed design. This project is also tied to lab equipment upgrades planned for 2022 (have been on hold due to the pandemic).
2021	5162169076	City Environmental Lab - HVAC	120,000	-	-	120,000	0.0%	N. Winters / S. Girt	This project is tied to the HVAC upgrade. Out for tender to hire consultant for detailed design. Schedule and expected completion date will be determined during detailed design.
2021	5162171015	Sewer Lateral Replace-Roads	354,000	148,549	120,938	84,512	76.1%	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	1,430	5,000	653,570	1.0%	E .Waite / H. Krinas	Report to Public Works Committee March 21, 2022 for additional funding. Project Tender Closed, construction 2022.
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	1,625	-	748,375	0.2%	S. Jacob / G. Norman	Postponed to 2023 due to storm scope not being ready.
2021	5162280280	Dewitt Road Sanitary Sewer - Barton to SSR	619,500	-	-	619,500	0.0%	E. Waite / H. Krinas	Funding transfer required in order to award contract C15-76-21 (Dewitt – Hwy 8 to Barton)
<u>Sub-Total Wastewater Regular Program</u>			857,773,890	589,562,576	90,167,927	178,043,387	79.2%		

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

TOTAL PUBLIC WORKS - RATE FUNDED	1,261,581,258	766,729,610	126,923,192	367,928,456	70.8%
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