

City of Hamilton
Capital Projects Status Report - Rate Supported
As of September 30, 2022

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, 2022
			a	b	c	d	e		

PLANNING & ECONOMIC DEVELOPMENT**Growth Management Division**

2005	5160507001	N Glanbrook Industrial BP Serv	16,901,360	14,911,901	-	1,989,459	88.2%	T. Sergi / G. Norman	The initial funding was provided by the Province. Transaction review required to determine what money was spent on. Project to be closed after surplus sale revenue moved to appropriate accounts.
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. Hamilton Water 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	322,572	-	437,429	42.4%	T. Sergi / G. Norman	Project constructed. Confirm for final payment.
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 Hamilton Water.
2013	5141380370	Upper Mount Albion - Highland	480,000	366,087	-	113,913	76.3%	T. Sergi / G. Norman	Project constructed. Reviewing for final payments.
2015	5141595558	Centennial Valve Chamber #3	16,550,000	13,123,036	-	3,426,964	79.3%	T. Sergi / G. Norman	(Trunk watermain for Red Hill) Project constructed. Reviewing for final payments. Review with construction regarding payments. Confirm for final payment.
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. Hamilton Conservation Authority (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. Hamilton Conservation Authority (HCA) permit required.
2019	5141980955	Centennial-Servicing Study	100,000	-	-	100,000	0.0%	T. Sergi / G. Norman	Project to be initiated in 2023
2019	5141996011	2019-Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi / G. Norman	Allocation to pay for unanticipated intensification projects when identified.
<i>Sub-Total Water Growth Program</i>			36,821,360	29,019,946	54,211	7,747,203	79.0%		

Storm Sewer Growth Program

2007	5180780774	SWMP - A1 Ancaster IBP	4,110,000	3,051,060	-	1,058,940	74.2%	T. Sergi / G. Norman	Pond constructed, subject to final invoicing.
2007	5180780784	SWMP-B8 Jackson Heights Ph 3	1,303,450	662,814	-	640,636	50.9%	T. Sergi / G. Norman	Pond constructed, interim condition Phase 3A, Phase 3B construction in 2023, Pond will be reconstructed for Ultimate condition.
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	5161096011	2010 Intensification Infra Upgrad	924,436	1,111,783	-	(187,347)	120.3%	T. Sergi / G. Norman	No outstanding PO's. Project planned to close for December.
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.
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. Project planned to close for December once funding source is found for remaining deficit.
2011	5161180187	Garner Rd W-Raymond to Hwy 6	2,400,000	472,347	-	1,927,653	19.7%	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 Infra Upgrad	400,000	356,278	42,702	1,020	99.7%	T. Sergi / G. Norman	West Harbour Modeling and Analysis; completed per Public Works. 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. Will use remaining funds to help support masterplan project in 2023.

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2011	5181159150	Res Drainage Assistance Prog	509,000	483,293	27,442	(1,734)	100.3%	T. Sergi / G. Norman	Ongoing - this account is used to investigate and/or address drainage issues as they are brought forward to staff.
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 (Empire); 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 (BSS) - Block 2 (C3-09-14) complete. Surplus money may be required for BSS1 and offsite 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.
2014	5181380090	2013 Annual Storm Water Mngmnt	2,983,522	2,204,439	-	779,083	73.9%	T. Sergi / G. Norman	Project complete and to be closed.
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	693,074	35,000	71,926	91.0%	T. Sergi / G. Norman	Project complete. Open PO with Enbridge. Invoice to be submitted.
2015	5181580586	SWMF H-24 (Mewburn Pond)	6,430,000	5,299,779	737,507	392,714	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	31,614	-	458,386	6.5%	T. Sergi / G. Norman	Sewer constructed in conjunction with road; reviewing for status of completeness.
2017	5161796011	Intensification Infra Upgrades	200,000	111,221	47,298	41,481	79.3%	T. Sergi / G. Norman	Wastewater/Stormwater Servicing Strategy for Downtown Hamilton underway. Completion of study expected Q4 of 2022.
2017	5181780090	Annual SWM Program	4,000,000	2,467,694	-	1,532,306	61.7%	T. Sergi / G. Norman	Allocation for new facilities as development proceeds.
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	3,362,048	-	637,952	84.1%	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	5181880887	Street A Ext 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 Hamilton Conservation Authority (HCA) permit and permit from Hydro One.
2019	5161980955	Centennial - Servicing Study	100,000	-	-	100,000	0.0%	T. Sergi / G. Norman	Project to be initiated in 2023
2019	5161996011	Intensification Infra Upgrades	200,000	105,545	-	94,455	52.8%	T. Sergi / G. Norman	Allocation to pay for unanticipated intensification projects when identified.
2019	5181980090	Annual SWM Program	1,635,996	-	-	1,635,996	0.0%	T. Sergi / G. Norman	Allocation for stormwater management facilities as development proceeds
2019	5181980961	Roxborough Storm Outlet	950,000	-	-	950,000	0.0%	T. Sergi / G. Norman	Pond has been constructed by developer (Central Park). Developer to submit request for payment.
2019	5181980980	SWMP - SM18 (Central Park)	3,630,000	2,601,168	-	1,028,832	71.7%	T. Sergi / G. Norman	Works constructed. Payment made 2022. Close upon City Assumption of full development.
2019	5181980981	SWMP - W1 (Waterdown Bay Ph2)	3,400,000	3,390,742	-	9,258	99.7%	T. Sergi / G. Norman	Works constructed. Payment made 2022. Close upon City Assumption of full development.
2019	5181980983	SWMP - W3 (Waterdown Bay Ph2)	4,000,000	3,794,767	-	205,233	94.9%	T. Sergi / G. Norman	Pond will be 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 will be constructed by developer (Waterdown Bay Phase 2). Developer submitted request for payment in Dec. 2021.Account to stay open until imaintenance and nvoicing completed.

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2020	5181980985	SWMP - W5 (Waterdown Bay Ph2)	3,860,000	3,481,523	-	378,477	90.2%	T. Sergi / G. Norman	Project will be initiated in conjunction with 25T-201802.
2020	5162080961	Roxborough Prk Intensification	1,500,000	40,912	14,706	1,444,382	3.7%	T. Sergi / G. Norman	Works constructed. Payment made 2019. Close upon City Assumption of full development.
2020	5182080086	SWMP SM2 Red Hill Ph 3 4	4,120,000	2,648,856	-	1,471,144	64.3%	T. Sergi / G. Norman	Works constructed (Q4 2021). Payment made Q1 2022. Close upon City Assumption.
2020	5182080087	SWMP B10 Lancaster	9,960,000	5,947,821	-	4,012,179	59.7%	T. Sergi / G. Norman	Allocation for new facilities as development proceeds.
2020	5182080090	Annual SWM Program	4,000,000	-	-	4,000,000	0.0%	B. Posedowski	STATUS: No active projects. NEXT STEPS: Issue project charter for implementation of EA studies recommended in the Flooding and Drainage Improvement Framework study, TBD (likely Q1 2023).
<i>Sub-Total Storm Sewer Growth Program</i>			87,844,532	56,099,870	904,654	30,840,007	64.9%		
<i>Sub-Total Growth Management Division</i>			124,665,892	85,119,817	958,865	38,587,210	69.0%		
TOTAL PLANNING & ECONOMIC DEVELOPMENT			124,665,892	85,119,817	958,865	38,587,210	69.0%		

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	5181260214	SERG - Parkside and Kipling	2,500,000	1,365,490	125,810	1,008,699	59.7%	C. Graham	Ongoing - work in progress.
2012	5181260216	Golf Course SWMP Rosedale	2,570,000	758,454	45,310	1,766,236	31.3%	B. Posedowski	STATUS: Work in progress - Design NEXT STEPS: Completion Q3 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 Q4 2022. Ongoing issues with sinkhole.
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	277,450	24,787	367,764	45.1%	S. Jacob / H. Krinas	STATUS: Expansion of P.O. 94582 for additional engineering services to address two additional erosion sites upstream of the subject site, Mountain Brow SWM Pond. NEXT STEPS: Confirm scope of work and issue ECO. Est. completion Q1 2023.
2014	5181455420	SERG - Flooding & Drainage MP	645,000	176,226	64,950	403,825	37.4%	C. Cholkan	STATUS: Complete - Peer Review Scope. NEXT STEPS: Close out Peer Review PO by end of 2022.
2014	5181460423	SERG - Princess at Birch	90,000	11,172	-	78,828	12.4%	S. Jacob / H. Krinas	To be incorporated with the Birch Ave- Phase 2 project pending HW confirmation
2015	5181510501	Mathers Drive Bank Erosion Control and Slope Stabilization	1,100,000	740,116	96,561	263,323	76.1%	N. Winters / D. Alberton	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: Work in progress NEXT STEPS: Completion Q4 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 Q4 2022
2016	5181655075	SERG - Watershed Proj Coord	500,000	444,244	56,000	(244)	100.0%	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: ECO issued to consultant. Additional scope underway. NEXT STEPS: Expected to be completed and report to Council Q4 2022/Q1 2023.

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2017	5181755421	SERG - SW System Planning	280,000	233,436	11,692	34,872	87.5%	B. Posedowski	STATUS: 2 prjcts, (a) Conting. for Ancaster Intens - ECO issued; (b) Dev Apps Guide - Study complete NEXT STEPS: (a) Stakeholder Consultation and Council Report (a) Q4 2022/Q1 2023; (b) Project should be closed.
2017	5181767723	Pumping Stations	2,500,000	172,053	335,338	1,992,608	20.3%	S. Leitch	STATUS: Work in progress - design. NEXT STEPS: RFT issuance Q2 2023.
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	340,000	89,035	20,149	230,816	32.1%	B. Posedowski	STATUS: Study ongoing, nearing completion. NEXT STEPS: Estimated completion Q4 2022/Q1 2023; handover to IR.
2018	5181872295	SERG - LEEDS Implementation	1,150,000	23,267	-	1,126,733	2.0%	B. Posedowski	STATUS: Chartered, draft TOR in progress. NEXT STEPS: Procurement Q1 2023.
2018	5181874841	Lower Davis Creek - Flood Control Facility	550,000	57,376	41,030	451,594	17.9%	N. Winters / D. Alberton	STATUS: Work in progress - Project Chartering. NEXT STEPS: Issue Project Charter Q1 2023.
2019	5181917152	Cross Road Culvert Program - 2019	1,390,000	1,192,754	-	197,246	85.8%	M. Field / M. Pastuszok	\$197,246 being used to WIP fund 2023 program and then this project can be closed.
2019	5181955350	Climate Change Impact Assess	550,000	172,587	460	376,953	31.5%	B. Posedowski	STATUS: IDF Update study complete; Follow up climate study not started. NEXT STEPS: IDF Update Study PO should be closed; Charter and procurement for follow up study Q1/Q2 2023.
2019	5181955421	Storm System Planning Prm	480,000	322,739	33,511	123,750	74.2%	C. Cholkan	STATUS: 3 studies ongoing; 1 study not started NEXT STEPS: charter and procure 4th project (Mill Street) Q4 2022.
2019	5181957545	Stormwater Computer Model	1,080,000	104,626	49,613	925,762	14.3%	C. Cholkan	STATUS: Work in progress - Study. One project (Juggernaut) is ongoing. NEXT STEPS: Juggernaut study to be completed Q3 2022. East Mountain Hydraulic Assessment to be chartered and procured Q4 2022. Remaining studies may be on hold pending further flow monitoring.
2019	5181967500	DMAF-CSO Backflow Preventors	1,440,000	161,774	81,890	1,196,336	16.9%	S. Leitch	STATUS: Work in progress - conceptual design and upstream modelling. NEXT STEPS: Conceptual Design complete Q1 2023.
2019	5181972940	Evans Road Culvert Twinning	1,330,000	656,402	616,966	56,633	95.7%	M. Oddi	Ongoing - C15-19-21 - construction 2021/22
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 Q4 2022.
2020	5182017040	Hwy 97 Culvert Improvements	1,060,000	371,839	672,903	15,258	98.6%	E .Waite / H. Krinas	Ongoing - C15-29-21
2020	5182017152	Roadside Drainage Improvements	1,400,000	817,306	-	582,694	58.4%	M. Field / M. Pastuszok	\$582,693 being used to WIP fund 2023 program and then this project can be closed.
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	64,706	5,910	309,384	18.6%	C. Cholkan	STATUS: This is an annual budget to undertake ad hoc hydraulic analysis and to support annual program works NEXT STEPS: One field data collection projects underway. New contracts to support DA and/or CPMS reviews anticipated in 2023.
2020	5182055825	Stormwater Drainage Analysis	760,000	529,171	228,633	2,196	99.7%	C. Cholkan	STATUS: Transportation EA Stormwater Scope: Rymal, UWellington, Garner; and Mohawk Rd SWM Des. NEXT STEPS: All projects on going, Mohawk handover to IR and PO closeout Q4 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: Identify strategic flow monitoring locations in conjunction with upcoming capital projects to support stormwater hydraulic model development.
2020	5182060622	SWM Pond-Creek Maint Prog 2020	1,700,000	1,478,302	60,341	161,356	90.5%	N. Winters / D. Alberton	100% of funds to be allocated to P.O. by December 2021
2020	5182060722	Annual Municipal Drain Mtnce	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)

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2020	5182060999	Closed Projects - Storm	204,000	150,846	81,002	(27,848)	113.7%	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	127,905	460,624	21.9%	E. Waite / H. Krinas	Construction delayed until 2023 due to ongoing environmental studies. Additional \$110k included in 2023 budget process.
2020	5182067875	Beach Strip SW Pump Station	300,000	134,665	183,705	(18,370)	106.1%	B. Posedowski	STATUS: Beach Boulevard Community Flooding EA ongoing. NEXT STEPS: Land Acquisition, If Required Q1 2023.
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	Condition assessment of watercourse to be completed in 2022, and funds to be allocated to projects in 2023
2020	5182074951	Shoreline Protection Program	400,000	91,425	102,151	206,424	48.4%	N. Winters / D. Alberton	Low lakes levels and no available staff resources for condition assessment resulted in no capital works. Remainder to be allocated in 2023.
2020	5182080089	Rymal - Fletcher to Up Cent	1,621,000	1,567,747	21,521	31,733	98.0%	M. Oddi	Ongoing - C15-50-19 - surface asphalt in 2022
2020	5182095800	Flooding & Drainage MP Capital	1,330,000	104,087	21,714	1,204,200	9.5%	M.Seradj	STATUS: No active projects. NEXT STEPS: Issue project charter for implementation of EA studies recommended in the Flooding and Drainage Improvement Framework study, TBD (likely Q1 2023)
2021	5182101099	Eng Services Staffing	2,800,000	2,310,385	-	489,615	82.5%	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	3,059,710	810,092	1,373,715	875,902	71.4%	M. Field / M. Pastuszok	\$720,061 being used to WIP fund 2023 program. P.O commitment to be spent by Q4 2022, remaining balance to be utilized in 2023 programs.
2021	5182117458	Catch Basin Replace & Rehab	1,500,000	1,127,861	381,083	(8,944)	100.6%	M. Field / S. Cooper	New contract being awarded currently. Once P.O's from current contract are closed it will release some funding, funds for new contract to be used from any remaining balances and 2023 capital funding.
2021	5182117549	Concrete Box Culvert - TOM	750,000	-	-	750,000	0.0%	M. Field / M. Pastuszok	\$250,000 being used to WIP fund 2023 program. The remaining 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	500,000	336,129	96,065	67,805	86.4%	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	5182149555	QA-QC Service Contract 2021	324,000	33,218	55,415	235,367	27.4%	E. Waite / H. Krinas	Tendered and awarded, awaiting PO

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2022
			a	b	c	d	e		
2021	5182155347	Watercourse Erosion Site Rehab	280,000	-	-	280,000	0.0%	B. Posedowski / T. Winterton	STATUS: Not started, on hold. NEXT STEPS: Watercourse inventory assignment currently underway by Stormwater Ops which will inform the scope of this assignment.
2021	5182155421	Stormwater Sys Planning Pgrm	380,000	23,348	28,281	328,370	13.6%	H.Danniels	STATUS: Foxtrot Study ongoing. NEXT STEPS: Study close out Q4 2022/Q1 2023.
2021	5182155556	Mapping Update Program	137,000	29,333	-	107,667	21.4%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5182160129	Res Drainage Assistance Prog	100,000	14,568	11,534	73,898	26.1%	T. Sergi / G. Norman	Allocation for residential drainage assistance
2021	5182160533	Trenchless Manhole Rehab	140,000	152	-	139,848	0.1%	E .Waite / H. Krinas	\$100k used to WIP fund 2023 program. Balance to be spent by year end 2023.
2021	5182160622	SWM Pond-Creek Maint Prog 2021	3,500,000	1,630,247	1,361,841	507,912	85.5%	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.
2021	5182160722	Annual Municipal Drain Mtnc	800,000	-	-	800,000	0.0%	N. Winters / D. Alberton	Ongoing - Future works anticipated from Staff Report to Council (Staff Report currently delayed)
2021	5182161740	Unsched Manhole & Sewermain	168,373	32,509	125,000	10,864	93.5%	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.
2021	5182162073	Field Data Systems Program	274,000	99,411	10,000	164,589	39.9%	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. NEXT STEPS: Close out Capital Account
2021	5182170010	Barton - Parkdale to Talbot RR	1,700,000	3,683	1,666,144	30,173	98.2%	S. Jacob / H. Krinas	Ongoing - C15-02-22 currently underway.
2021	5182172011	HWY 8 - Bond to Woodleys Lane	2,150,000	1,600,771	-	549,229	74.5%	M. Oddi	Complete - pending final review/audit/payment
2021	5182172074	Unscheduled Works Program	180,000	1,923	610	177,467	1.4%	P.McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2021	5182172205	Glenmorris (York Heights Nhd)	1,910,000	8,297	-	1,901,703	0.4%	E .Waite / H. Krinas	\$1.7m being used to WIP fund 2023 program. Project will be rebudgeted pending detailed design.
2021	5182172210	Barton - Parkdale to Talbot	1,530,000	13,224	1,488,153	28,623	98.1%	S. Jacob / H. Krinas	Ongoing - C15-02-22 currently underway.
2021	5182174275	Stormwater Management Facility	1,000,000	-	-	1,000,000	0.0%	B. Posedowski	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 Q1 2023
2021	5182174680	Storm Sewer Network Planning	920,000	38,662	-	881,338	4.2%	B. Posedowski	STATUS: Not started (SW Drainage Analysis, Trinity Church and URHVP) due to backlog/uncertain requirements. Support for West 5th EA is ongoing. NEXT STEPS: Charter and procure Q4 2022, if required.
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	1,470,000	13,753	10,905	1,445,342	1.7%	N. Winters / D. Alberton	Low lake levels, and no available staff resources for condition assessment resulted in no capital works. To be potentially utilized in 2023.
2021	5182180090	Annual SWM Program	4,000,000	-	-	4,000,000	0.0%	T. Sergi / G. Norman	Allocation for new facilities as development proceeds.
2021	5182180150	Chedmac - Southridge to 80m E	230,000	171,818	-	58,182	74.7%	T. Sergi / G. Norman	Completed. Costs to be finalized.
2021	5182180280	Airport-Homestead-Mountaingate	1,360,000	-	-	1,360,000	0.0%	T. Sergi / G. Norman	Construction to be coordinated with future growth (talk to Stormwater SPM to get timing)
2021	5182180281	Rymal - Massina to 140m E	70,000	-	-	70,000	0.0%	T. Sergi / G. Norman	"Massena Drive"; Work is completed, awaiting invoice.
2021	5182180285	SWMP - SM20	1,125,000	1,034,578	-	90,422	92.0%	T. Sergi / G. Norman	Project will be delivered by developer in conjunction with development.

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2021	5182180584	Nebo - Rymal to Twenty Rd E	2,000,000	4,333	-	1,995,667	0.2%	S. Jacob / G. Norman	Storm scope finalized in Summer 2023, Design to engage consultant and if schedule allows construction will start in 2023/2024.
2022	5182201967	Stormwater Funding Review	200,000	39,609	149,999	10,392	94.8%	K.Black	Phase one of the project is underway with a consultant engaged and projected to be on budget. Phase one is ahead of original schedule and expected to be completed by Q1 of 2023.
2022	5182255210	Storm Water Outfall Investigat	300,000	-	-	300,000	0.0%	S. Jacob / G. Norman	Delayed. Anticipate tendering late 2022 early 2023
2022	5182255688	EA - New Rosedale SWMF	450,000	-	-	450,000	0.0%	B. Posedowski	STATUS: Not started. NEXT STEPS: Response from MECP requires further internal coordination. If required, chartering and procurement earliest Q1 2023
2022	5182260220	Culvert FLA-3008 - Old Brock	150,000	318,495	-	(168,495)	212.3%	S. Jacob / G. Norman	\$169k in the 2023 Budget to address the deficit due to a Policy #10
2022	5182271226	Mud St (Ph 2) - Isaac Brock	180,000	-	-	180,000	0.0%	S. Jacob / G. Norman	\$180k being used to WIP fund 2023 program and then this project can be closed. Scope deleted during detailed design.
2022	5182271312	Streathearne - Main to Britann	1,000,000	-	-	1,000,000	0.0%	S. Jacob / G. Norman	Design ongoing with construction in 2024
2022	5182271328	Southcte - Garner to 403 Brdge	4,708,028	986	4,625,402	81,640	98.3%	S. Jacob / G. Norman	Ongoing - C15-19-22
2022	5182274950	Watercourse & Drainage Mntnce	1,445,000	-	-	1,445,000	0.0%	N. Winters / D. Alberton	Condition assessment of watercourse to be completed in 2022, and funds to be allocated to projects in 2023
2022	5182280290	SWMP SL12 Block 3 1090 Barton	10,330,000	-	-	10,330,000	0.0%	G. Norman	To be constructed as part of Phase 1 of BSS (Block Servicing Strategy) #3
2022	5182280291	SWMP SM21 Nash 2 3 Deve	4,745,000	-	-	4,745,000	0.0%	G. Norman	To be constructed as part of on-going development in Nash Neighbourhood
2022	5182280292	SWMP SM17 198 Highland Rd W	4,085,000	-	-	4,085,000	0.0%	G. Norman	To be constructed as part of on-going development in (inquire with Construction to get development name) Neighbourhood
Sub-Total Storm Sewers Regular Program			111,498,110	36,916,276	15,143,033	59,438,801	46.7%		

Waterworks Regular Program

2011	5141167150	New Greensville Well - EA Phase	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.
2011	5141166110	Water Treatment Plant - Process Upgrades (CASH FLOWED)	31,209,000	28,803,705	1,634,006	771,288	97.5%	S. Leitch	STATUS: WTP Phase 1 project closeout in progress. NEXT STEPS: High Lift PS RFT issuance Q4 2022.
2012	5141269250	HVAC system Upgrades at New Environmental Laboratory and Administration Building	5,620,000	1,199,507	-	4,420,493	21.3%	S. Leitch	STATUS: Work in progress - RFP design document. NEXT STEPS: RFP for design issuance Q4 2022.
2012	5141297282	Waterdown South Elevation Water Storage - New PD (W-07)	8,620,000	7,032,488	-	1,587,512	81.6%	T. Sergi	Project is complete. Need to review with developer for any outstanding issues and payment
2012	5141267274	Kenilworth Pumping Station (HD005) - Phase 2	3,355,000	3,097,989	217,412	39,599	98.8%	S. Leitch	STATUS: Warranty closeout in progress. NEXT STEPS: Account to be closed.
2013	5141395353	Ferguson Avenue HD002 Pumping Station	2,600,000	861,803	1,698,668	39,529	98.5%	S. Leitch	STATUS: Work in progress - Construction. NEXT STEPS: Substantial Performance Q3 2023.
2013	5141395354	PD18 (Ancaster) Water Servicing Strategy (W-14) (CASH FLOWED)	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	5141495551	PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	8,100,000	909,996	989,320	6,200,683	23.4%	S. Leitch	STATUS: Pre-design completed. NEXT STEPS: Project on hold until further notice.
2014	5141455425	Prestressed Concrete Cylinder Pipe Condition Assessment Inspection Program	2,771,303	2,571,113	48,915	151,274	94.5%	J.Kennedy	Awaiting vendor confirmation to close PO
2015	5141555555	Ctiy Wide Groundwater Model	1,220,000	922,971	137,235	159,794	86.9%	B. Posedowski	STATUS: Freelon -PO to stay open until the Assessment Report gets approved by MECP. NEXT STEPS: Po to be closed once MECP approves the study.

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2015	5141567575	High Lift Pumping Station (HLPS) Improvements Phase 2 (CASH FLOWED)	6,370,000	663,821	339,077	5,367,102	15.7%	S. Leitch	STATUS: Construction in progress. NEXT STEPS: Substantial Performance Q4 2022.
2015	5141567577	Security System Upgrades - High Priority Water Pumping Station Facilities	5,600,000	2,342,476	60,000	3,197,524	42.9%	D.Duarte	Project on-going in 2022
2015	5141555010	Water Systems Planning Program	450,000	408,157	-	41,843	90.7%	B. Posedowski	To be closed in the next Closing Report.
2015	5141595553	PS HD12A (Governors @ Huntingwood) Rebuild with Capacity Upgrade & Standby Power Installation (W-04)	1,880,000	430,598	-	1,449,402	22.9%	S. Leitch	STATUS : Ongoing NEXT STEPS : development of System Curves, and Conceptual Operation strategy and flushing regime.
2015	5141567520	Stone Church/Garth Water (HDR05) Reservoir	7,167,000	6,104,906	27,436	1,034,658	85.6%	S. Leitch	STATUS: Phase 1 warranty complete. NEXT STEPS: Phase 2 design RFP issuance Q1 2023.
2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,495,784	41,037	22,763,180	10.0%	J.Kennedy	Currently working on the RFP to hire a consultant in early 2023. Expected construction start by 2024/2025
2015	4411506103	Pier 8 Sanitary PS & Forcemain	14,601,000	12,883,281	410,009	1,307,709	91.0%	E.English	Complete - close once p.o. has been paid/cleared
2015	5141567273	Main / Whitney Pumping Station Replacement and Decommissioning	2,320,000	137,415	143,931	2,038,654	12.1%	B. Posedowski	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	5141555264	City-Wide Water Master Plan	950,000	449,793	126,478	373,730	60.7%	B.Sarker	STATUS: Work in progress NEXT STEPS: Completion Q4 2023
2015	5141566711	Water Treatment Studies Program	250,000	180,799	65,301	3,901	98.4%	S.Lapointe	STATUS: Construction - PMATS (18.18) Woodward WTP-Plant Corrosion Control Optimization NEXT STEP: Substantial Performance - Q3 2022
2015	5141564533	Upper Wentworth - South limit @ Hydro Corridor 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
2016	5141695883	PS HD016 (York and Valley) Capacity Upgrade, Standby Power & Building Expansion (W-26) (CASH FLOWED)	5,890,000	460,108	56,435	5,373,458	8.8%	S. Leitch	STATUS: Work in progress - EA Schedule B Addendum for Capital Upgrades. NEXT STEPS: RFP for design issuance Q4 2022.
2016	5141667420	Ben Nevis & Dewitt (HD08A) Water Pumping Station Upgrades	3,140,000	2,911,398	1,116	227,486	92.8%	S. Leitch	STATUS: Complete. NEXT STEPS: Account to be closed.
2016	5141667421	Glancaster Rd & Hwy 53 Pumping Station (HD018) Upgrades (CASH FLOWED)	12,600,000	486,406	485,772	11,627,822	7.7%	S. Leitch	STATUS: Work in Progress - Design (Interim Upgrades). NEXT STEPS: RFT issuance Q4 2022.
2016	5141666608	Lynden Additional Water Supply	7,765,000	7,604,316	-	160,684	97.9%	S. Leitch	STATUS: Complete. NEXT STEPS: Account to be closed.
2016	5141667422	Osler Road Pumping Station (HD011) Upgrades	2,569,000	2,437,571	-	131,429	94.9%	S. Leitch	STATUS: Complete. NEXT STEPS: Account to be closed.
2016	5141664632	Twenty - 40m East of Greti to Upper James	1,610,000	184,337	-	1,425,663	11.4%	J.Kennedy	In Design
2016	5141667423	Freelton Well (FDF01) Capacity Increase	1,870,000	402,131	-	1,467,869	21.5%	B. Posedowski	STATUS: final report delivered NEXT STEPS: close the PO
2017	5141761777	Beach Trunkmain Rehab	10,000,000	904,657	-	9,095,343	9.0%	J.Kennedy	Tender delayed to Q4 2022.
2017	5141795850	Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	24,670,000	1,481,060	11,030	23,177,910	6.0%	S. Leitch	STATUS: Work in progress - RFP interim upgrade design. NEXT STEPS: RFP for design issuance Q4 2022.
2017	5141760754	Kenilworth Transmission Watermain Renewal	3,000,000	544,149	-	2,455,851	18.1%	J.Kennedy	Tendered. Work to be completed Jan to Apr 2023
2017	5141796752	PD16 (Waterdown) Trunk Feedermain - PS HD016 to Hwy 5 at Algonquin (W-25) (CASH FLOWED)	3,000,000	616,270	177,598	2,206,133	26.5%	B. Posedowski	STATUS : Ongoing Class EA to determine the best future trunk watermain location. NEXT STEPS : PIC and alternatives review.
2017	5141766711	Water Treatment Studies Program	250,000	223,279	16,027	10,694	95.7%	D.Locco	STATUS: Complete - PMATS (19.07) Maintenance Strategy Assessment Services NEXT STEP: Substantial Performance - Q1 2023

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2017	5141767650	New Greenville Communal Well	1,720,000	289,604	175,345	1,255,051	27.0%	S. Leitch	STATUS: EA to be resumed NEXT STEPS: issue PO for EA assignment
2017	5141766421	Woodward WTP Fluoride Building HVAC	470,000	428,337	1,260	40,404	91.4%	S. Leitch	STATUS: Substantial Performance Q3 2022, in warranty. NEXT STEPS: Closeout documentation at end of warranty, Q3 2023.
2017	5141767420	Carlisle Well Stations System Enhancements	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 Q4 2022.
2017	5141766713	Water Maintenance Capital Program	2,559,396	2,016,126	256,694	286,576	88.8%	D.Locco	STATUS: Complete - PMATS (16.14) Backflow Preventors NEXT STEP: Charter to be closed - Q4 2022 STATUS: Construction - PMATS (16.45) Arc Flash NEXT STEP: Substantial Performance - Q2 2023 STATUS: Complete - C (15.08) Stone Church/Garth (Phase I) NEXT STEP: Charter to be closed - Q4 2022
2018	5141855777	Water infrastructure Analysis - Growth and Economic Opportunities	1,250,000	-	-	1,250,000	0.0%	B. Posedowski	STATUS : Work on hold NEXT STEPS : Waiting for guidance from LRT office
2018	5141867651	HD007 Highland Rd Reservoir Upgrades	430,000	125,276	3,479	301,245	29.9%	S. Leitch	STATUS: Work in progress - RFP document for design. NEXT STEPS: RFP for design issuance Q1 2023.
2018	5141895852	Carlisle Water Supply System - Additional Water Storage (CASH FLOWED)	1,780,000	153,602	414,307	1,212,091	31.9%	C.Vanderperk	STATUS: Technical Memorandum #1 under peer-review NEXT STEPS: PIC and CLC - Q3-4 2022 - project paused due to PM vacancy
2018	5141866713	Water Maintenance Capital Program	1,500,000	656,236	445,875	397,890	73.5%	D.Locco	STATUS: Construction - PMATS (20.03) Scenic Reservoir NEXT STEP: Substantial Performance - Q2 2023 STATUS: Complete - PMATS (21.13) Chloring Building NDT Structural Assessment NEXT STEP: Charter to be closed - Q4 2022 STATUS: Construction - C (19.07) Fluoride & CCB Process and H&S Upgrades NEXT STEP: Substantial Performance - Q3 2022 STATUS: Construction - C (20.04) Osler Drive (HC011) Health & Safety Immediate Needs NEXT STEP: Mobilization - Q4 2022
2018	5141895956	Water Distribution Model	350,000	343,335	75,521	(68,856)	119.7%	U. Ehrenberg	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase
2019	5141955247	Alterations to the Drinking Water System	150,000	162,264	29,537	(41,802)	127.9%	U. Ehrenberg	STATUS : ongoing POs NEXT STEPS : mirrors development application submissions
2019	5141966713	Water Maintenance Capital Program	2,000,000	1,350,157	502,214	147,629	92.6%	D.Locco	STATUS: Construction - PMATS (20.03) Scenic Reservoir NEXT STEP: Substantial Performance - Q2 2023
2019	5141966911	Woodward WTP - Biological Filtration Pilot Study	400,000	-	-	400,000	0.0%	S. Leitch	STATUS: Study Complete NEXT STEPS: Available budget will WIP transferred through the 2023 Rates Budget process.
2019	5141996951	Binbrook Feedermain via Fletcher (W-30)	6,980,000	79,260	-	6,900,740	1.1%	J.Kennedy	Work to be completed 2024
2019	5141967375	HDR01 Kenilworth and HDR1C Ben Nevis Reservoir Upgrades	15,990,000	12,718,230	1,925,172	1,346,597	91.6%	S. Leitch	STATUS: Substantial Performance October 2022. NEXT STEPS: Warranty and closeout documentation Q4 2023.
2019	5141957545	Water - Computer Model	280,000	-	40,000	240,000	14.3%	U. Ehrenberg	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase

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2019	5141967752	Water Outstation Inspections - Asset Management	660,000	367,310	23,807	268,884	59.3%	S. Leitch	STATUS: Water / Wastewater Financial Plan and CA Implementation Plan in progress. NEXT STEPS: Implementation Plan continues through 2025. Financial plan completed Q2 2023.
2019	5141966151	SCADA Maintenance Program	2,800,000	1,148,119	119,588	1,532,292	45.3%	D.Locco	STATUS: New charter of work for 2022. NEXT STEPS: Roster assignment for documents, Pricing for Network switch replacement end of life, PO for Plant SCADA UPS,OIT replacement
2019	5141970012	Sheaffe / Park / Mulberry (Central Neighbourhood (North)) - Coordinated Road Restoration	1,110,000	1,228,379	-	(118,379)	110.7%	J.Kennedy	Ongoing - C15-20-21 - construction 2021/22. Deficit due to contract overruns associated with soil management. \$120k has been added to the 2023 Capital Budget to offset the deficit.
2019	5141966711	Water Treatment Studies Program	250,000	113,047	79,762	57,191	77.1%	D.Locco	STATUS: Complete - PMATS (19.07) Maintenance Strategy Assessment Services NEXT STEP: Charter to be closed - Q3 2022 STATUS: Construction - PMATS (16.45) Arc Flash NEXT STEP: Substantial Performance - Q2 2023
2019	5141971312	Sheaffe / Park / Mulberry (Central Neighbourhood (North))	2,090,000	1,978,785	-	111,215	94.7%	J.Kennedy	Ongoing - work in progress
2019	5141955713	Pressure Districts and Drinking Water System Optimization	220,000	60,039	-	159,961	27.3%	B.Posedowki	STATUS : Charter for PD11 ongoing. NEXT STEPS : PO to be issued in 2023.
2019	5141971313	Sherman - King to south end (LRT Enabling)	1,220,000	26,763	-	1,193,237	2.2%	A. Shaikh	In Design, construction 2023
2019	5141966420	Woodward WTP Chlorine Chemical Building	2,180,000	160,048	-	2,019,952	7.3%	S.McCauley	STATUS: PMATS reviewing for possible 2024 project
2019	5141971314	Wentworth - Wilson to King (LRT Enabling)	460,000	26,661	4,000	429,339	6.7%	A. Shaikh	In Design, construction 2023
2019	5141961910	Residential Water Meter and Meter Pit Installation for Non Metered Properties	100,000	-	-	100,000	0.0%	N.Winters / J. Thandi	Project began August 2022. Expenditures will depend on if customers will allow access to their property for a meter installation. We completed a pilot of 5 properties, and have installed meters at 3 of the 5. Remaining 17 properties were given their first notice on Oct. 22. We plan to have non-compliant numbers by Jan 2023 with a plan in place to install a meter at Property Line in a Ford Meter Box. This cost will be recoverable through charging the customer's water account.
2019	5141971315	Main - Delena to Normanhurst & Normanhurst - Main to Queenston (LRT Enabling)	5,030,000	138,618	-	4,891,382	2.8%	E .Waite / H. Krinas	In Design, construction 2023/24
2019	5141955010	Water Systems Planning Program	400,000	441,444	58,506	(99,950)	125.0%	B. Posedowski	STATUS : Multiple Ongoing POs NEXT STEPS : LRT team to undertake additional watermain analysis
2019	5141995951	PS HD019 (Binbrook) Capacity Upgrade (W-20)	220,000	30,064	-	189,936	13.7%	E .Waite / H. Krinas	Status: Work in progress - conceptual design through Roster. Next Steps: RFP for design issuance Q3 2023.
2020	5142070015	Main - Delena to Normanhurst & Normanhurst - Main to Queenston (LRT Enabling)	300,000	-	-	300,000	0.0%	A. Shaikh	In Design, construction 2023/24
2020	5142066310	WTP Pre-Treatment Isolation Valves	2,480,000	220,485	-	2,259,515	8.9%	S. Leitch	STATUS: Work in progress - RFP document for design. NEXT STEPS: RFP for design issuance Q1 2023.
2020	5142055010	Water Systems Planning Program	300,000	153,023	158,951	(11,974)	104.0%	B.Posedowki	STATUS : Multiple Ongoing POs NEXT STEPS : present consultant recommendations to HW Leadership team; draft report for Large Valve Shutdown to be circulated, reviewed, and finalized.
2020	5142066350	WTP Chlorine Chemical Building	2,250,000	-	-	2,250,000	0.0%	S. Leitch	STATUS: Cancel projectid as scope included in WTP Process Upgrades. NEXT STEPS: Available budget will WIP transferred through the 2023 Rates Budget process.
2020	5142055425	Prestressed Concrete Cylinder Pipe Condition Assessment Inspection Program	400,000	124,601	63,379	212,020	47.0%	J.Kennedy	Anticipate completion by year end 2022.

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2022
			a	b	c	d	e		
2020	5142067420	St. Joseph's Tank Pulsation Dampener (HD002STK)	610,000	-	-	610,000	0.0%	S. Leitch	STATUS: Work in progress - project chartering. NEXT STEPS: Issue charter, RFP for design issuance Q4 2023.
2020	5142057545	Water - Computer Model	280,000	271,030	22,049	(13,079)	104.7%	B.Posedowki	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase
2020	5142067450	Lee Smith Reservoir (HDR00) Upgrades	1,280,000	-	-	1,280,000	0.0%	S. Leitch	STATUS: On hold; awaiting Systems Planning Master Plan. NEXT STEPS: RFP design issuance Q1 2023.
2020	5142061305	Burlington Trunkmain Repairs	1,172,000	1,152,041	20,848	(889)	100.1%	J.Kennedy	Awaiting confirmation from vendor to close PO
2020	5142067752	Water Outstation Inspections - Asset Management	660,000	324,398	173,138	162,465	75.4%	B.Posedowki	STATUS: Work in progress - water site condition assessment assignments. NEXT STEPS: Assessment projects complete Q4 2022.
2020	5142055022	Engineering Consultant Watermain Projects	300,000	228,858	39,765	31,377	89.5%	J.Kennedy	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	5142070006	Hillcrest - Chedoke to end - Coordinated Road Restoration	60,000	37,262	10,589	12,149	79.8%	J.Kennedy	Complete - pending final review/audit/payment
2020	5142060999	Closed Projects - Water	180,000	2,245	25,877	151,878	15.6%	J.Kennedy	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	5142071315	Delena / Beland / Dunsmure	1,358,000	973,697	379,474	4,830	99.6%	J.Kennedy	Ongoing - work in progress
2020	5142055851	Water Efficiency Plan/Program	181,822	78,926	6,040	96,856	46.7%	N.Winters	Final payment made for Plant Model. Contingency was not required. Have requested finance to close the PO.
2020	5142096520	Garner Road Trunk Watermain - Southcote to Wilson (W-09)	22,640,000	141,909	214,983	22,283,109	1.6%	J.Kennedy	In Design
2020	5142061502	Water Meter - Installation/Replacement/Repair - General Maintenance	2,920,000	1,460,251	1,438,775	20,974	99.3%	N.Winters	This project ID is currently funding the AMI/AMR Consulting assignment with Diameter Services. The meter contract with NTG through this project ID is being closed.
2020	5142096850	Locke St Trunk Watermain - Main to Barton (W-19)	2,200,000	252,062	1,298	1,946,640	11.5%	J.Kennedy	Work to be completed 2024
2021	5142167420	HDR18 Glanaster Reservoir Ugrades	880,000	34,590	3,479	841,931	4.3%	S. Leitch	STATUS: Reservoir CFD Modelling and Baffling recommendations in progress. NEXT STEPS: Complete review Q4 2022.
2021	5142171308	East-West Road Corridor (Waterdown By-Pass)	1,200,000	2,600	-	1,197,400	0.2%	J.Kennedy	Project currently on hold due to stop work orders by First Nations. Project design completed and ready for Tender, but Stage 4 Archaeology work discovered significant Indigenous and Heritage findings. First Nations require expanding the exploration outside Road ROW into private property.
2021	5142101099	Engineering Services Staffing Costs - Water	9,200,000	7,793,792	-	1,406,208	84.7%	J.Kennedy	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	5142171310	Barton - Parkdale to Talbot	1,782,000	110,033	1,644,053	27,914	98.4%	J.Kennedy	Ongoing - work in progress
2021	5142149555	QA-QC Service Contract Program	500,000	89,980	20,482	389,538	22.1%	J.Kennedy	Tendered and awarded, awaiting PO
2021	5142171311	Highway 8 - Bond to Woodleys Lane	867,000	842,805	755,538	(731,343)	184.4%	J.Kennedy	Ongoing - C15-26-21 - construction 2021/2022. \$940k in contract overruns due to soils management. \$960k has been added to the 2023 Capital Budget to offset the deficit.

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2022
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2021	5142155010	Water Systems Planning Program	600,000	-	232,785	367,215	38.8%	B.Posedowki	Ongoing - work in progress
2021	5142171328	Southcote - Garner to Highway 403 Bridge	3,364,000	242,453	3,066,542	55,006	98.4%	J.Kennedy	Ongoing - C15-19-22
2021	5142155122	Woodward-Greenhill Transmission Main Inspection	800,000	345,362	-	454,638	43.2%	J.Kennedy	\$450K being used to WIP fund 2023 program and then this project can be closed.
2021	5142171352	Airport Lands - Dickenson Rd - Upper James to Upper centennial PKWY	1,800,000	3,900	1,067,806	728,294	59.5%	J.Kennedy	Ongoing - C15-11-22 - construction start 2022
2021	5142155556	Mapping Update Program	155,000	33,661	-	121,339	21.7%	D.Lamont	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5142180183	Binbrook - Royal Winter/Binhaven to Fletcher	630,000	-	-	630,000	0.0%	G. Norman	Project will be delivered in conjunction with development.
2021	5142157626	Critical Watermain Inspection Program	1,331,000	284,914	152,202	893,884	32.8%	J.Kennedy	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	5142166713	Water Maintenance Capital Program	1,000,000	-	-	1,000,000	0.0%	D.Locco	STATUS: Scope Verification - PMATS (16.59) Asbestos Report Outstations NEXT STEP: Roster for Design - Q1 2023 STATUS: Not Assigned - PMATS (19.03) Greenville Well Immediate needs NEXT STEP: Scope Verification - Q2 2023 STATUS: Construction - PMATS (20.03) Scenic Reservoir PO Extension NEXT STEP: Substantial Performance - Q2 2023 STATUS: Scope Verification - PMATS (22.09) Main/Whitney NEXT STEP: RFP - Q1 2023 STATUS: Roster Proposal - PMATS (22.12) Lab & Admin Upgrades Design NEXT STEP: Design - Q4 2022 STATUS: RFT - PMATS (22.12) Lab & Admin Upgrades Construction NEXT STEP: Design - Q1 2023
2021	4032114405	Contaminated Soil & Rock Disposal Program	2,192,000	695,055	1,470,483	26,462	98.8%	J.Kennedy	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.
2021	5142160074	Watermain CIPP Urgent and Sensitive Crossings	800,000	794,218	7,223	(1,441)	100.2%	J.Kennedy	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	5142167421	HDR11 Woodley Lane Reservoir Upgrades	1,770,000	36,243	1,854	1,731,903	2.2%	S. Leitch	STATUS: Reservoir CFD Modelling and Baffling recommendations complete. NEXT STEPS: RFP for design issuance Q4 2022.
2021	5142160501	Watermain Rehabilitation/Replacement Coordinated with Development	2,000,000	-	-	2,000,000	0.0%	B.Posedowki	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	5142167752	Water Outstation Inspections - Asset Management	500,000	-	114,375	385,625	22.9%	S. Leitch	STATUS: Work in progress - water site condition assessment assignments. NEXT STEPS: Assessment projects complete Q1 2023.
2021	5142160711	PW Capital Water Consumption Program	418,000	89,890	-	328,110	21.5%	J.Kennedy	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	5142167840	PD9 & PD10 East Stoney Creek Booster Pumping Station	1,270,000	9,635	-	1,260,365	0.8%	S. Leitch	STATUS: Conceptual Design complete. NEXT STEPS: Awaiting direction from senior management
2021	5142161307	Mulberry - Bay to James	790,000	568,684	-	221,316	72.0%	J.Kennedy	Ongoing - work in progress

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2021	5142169075	City Environmental Lab Improvements Program	615,000	55,327	19,246	540,427	12.1%	N.Winters	This project is tied to the HVAC upgrade. Tender to hire consultant for detailed design was unsuccessful. Capitol Delivery is reviewing the specs and will re-issue tender. 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 2022/23 (have been on hold due to the pandemic).
2021	5142162073	Field Data Systems Program	320,000	171,134	-	148,866	53.5%	D.Lamont	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5142170011	Highway 8 - Bond to Woodleys Lane - Coordinated Road Restoration	830,000	204,895	142,271	482,834	41.8%	J.Kennedy	Ongoing - work in progress
2021	5142166110	Water Treatment Plant - Phase 2 Process Upgrades (CASH FLOWED)	2,756,000	214,147	179,406	2,362,447	14.3%	S. Leitch	STATUS: Work in progress - RFP design document. NEXT STEPS: Phase 2 RFP design issuance Q1 2024.
2021	5142170015	Delena / Beland / Dunsmore - Coordinated Road Restoration	930,000	383,783	523,678	22,539	97.6%	J.Kennedy	Ongoing - work in progress
2021	5142166608	Lynden Water System - Phase 2 Treatment	920,000	10,096	-	909,904	1.1%	S. Leitch	STATUS: Work in progress - RFP issued Q4 2022. NEXT STEPS: RFPQ issuance Q2 2023.
2021	5142171074	Contingency for Unscheduled Works Program	299,996	264,370	13,073	22,552	92.5%	J.Kennedy	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2021	5142160080	Valve Replacement Program	4,980,000	426,685	10,206	4,543,108	8.8%	J.Kennedy	Ongoing - work in progress
2021	5142171303	Marion - Longwood to Dromore	490,000	108	-	489,892	0.0%	J.Kennedy	Tendering Project Fall 2022. Councilor contributed W1 Minor Maintenance funds to extend project limits. Construction shifted from 2022 to 2023 due to funding issues and Geotechnical delays.
2021	5142160750	Unscheduled Valve, Hydrant, Watermain & Misc Water Replace Program	6,446,540	3,167,127	1,099,696	2,179,717	66.2%	N.Winters	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	5142111101	Road Cut Restoration Program	13,365,000	7,563,950	2,607,809	3,193,241	76.1%	D.Lamont	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	5142162078	Substandard Water Service Replacement Program	5,100,000	796,420	2,313,523	1,990,057	61.0%	N.Winters	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	5142151110	Fleet Additions	2,322,000	824,441	-	1,497,559	35.5%	S.McCauley	There are currently 7 "additions" to the fleet that have been ordered that we are still waiting on. These are expected to be delivered in 2023 and will cost approximately \$500,000.00 in total. Other requirements in the form of upgrades and upfitting (SUV's to Pickup trucks for example) will be coming up in 2023. We are still experiencing difficulties and long delays in acquiring vehicles.
2021	5142160072	Watermain Structural Lining	13,000,000	12,772,559	679,337	(451,895)	103.5%	J.Kennedy	\$500k in the 2023 Budget to address the deficit due to Policy #10
2021	5142155022	Engineering Consultant Watermain Projects	700,000	52,862	97,556	549,582	21.5%	J.Kennedy	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	5142161502	Water Meter - Installation/Replacement/Repair - General Maintenance	7,670,000	6,425,221	405,076	839,703	89.1%	N.Winters	This project is nearing its closing. After Nov 1st, 2022 we will pay off any outstanding invoices and upon completion will close out the account and project.
2021	5142155247	Alterations to the Drinking Water System	300,000	54,161	16,034	229,806	23.4%	B.Posedowki	STATUS : ongoing POs NEXT STEPS : mirrors development application submissions
2021	5142160577	Metallic Watermain Condition Assessment Program	1,445,000	168,168	588,045	688,786	52.3%	J.Kennedy	Balance to fund new 2023 Inspection contract (C13-06-22)
2021	5142157545	Water - Computer Model	320,000	-	47,383	272,617	14.8%	B.Posedowki	STATUS : Ongoing PO. NEXT STEPS : calibration and validation phase
2021	5142166578	To fund Waterdown Garden Supplies project	100,000	27,699	-	72,301	27.7%	C. Vanderperk	STATUS: Report complete. NEXT STEPS: PO can be closed

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2021	5142157627	Pipeline 38/28 Trunkmain Inspection	500,000	217,740	-	282,260	43.5%	J.Kennedy	\$50K being used to WIP fund 2023 program
2022	5142201967	New Water WW Billing Services	200,000	104,940	53,125	41,935	79.0%	J.Savoia	Ongoing - work in progress
2022	5142266712	Water Maintenance - Rebuild, Replacement and New Capital	400,000	-	56,186	343,814	14.0%	D.Looco	Ongoing - work in progress
2022	5142266871	Hamilton Water Capital Security Plan	1,030,000	-	-	1,030,000	0.0%	S.McCauley	STATUS: This project is being led through the corporate security team. Expenditures against this account are expected to begin mid November, related to closed circuit TV infrastructure renewal and Access Card system upgrades/migration.
2022	5142255264	City-Wide Water Master Plan	280,000	-	-	280,000	0.0%	B.Posedowki	STATUS: Work in progress NEXT STEPS: Completion Q4 2023
2022	5142267510	Water System Studies & Continual Improvement Initiatives	1,100,000	53,596	242,224	804,180	26.9%	N.Winters	STATUS: A number of initiatives are currently underway including: Lockout Tag out program review, Global chlorination study, stakeholder engagement on the maintenance strategic plan NEXT STEPS: Facilities compliance program review, Water asset age assessment. Delays due to staffing shortages
2022	5142255851	Water Efficiency Plan/Program	115,000	-	-	115,000	0.0%	N.Winters	Payment for fall bottle order and World Toilet Day event (Nov 2022) deferred to Operating Budget. Will use this capital funding for 2023 events as we move back to in-person.
2022	5142267585	Diesel Fuel Storage Compliance Upgrades	500,000	-	-	500,000	0.0%	D.Looco	STATUS: Design - PMATS (22.06) Water Facility Diesel Storage NEXT STEP: RFP - Q2 2024
2022	5142257800	Water Facility Asset Management Implementation Plan	100,000	-	-	100,000	0.0%	S. Leitch	STATUS: Work in progress - Roster PO. NEXT STEPS: Financial plan completed Q3 2023
2022	5142271022	Burlington - James to Ferguson	1,200,000	-	-	1,200,000	0.0%	J.Kennedy	Design ongoing with construction in 2023 but may be delayed/reprogrammed pending HW Servicing Masterplan
2022	5142260082	Large Valve Replacement - Longwood and Glenside (LRT Enabling)	1,000,000	711	516,635	482,654	51.7%	A. Shaikh	Ongoing - work in progress
2022	5142271214	Fairfield - Barton to Britannia	500,000	-	-	500,000	0.0%	J.Kennedy	Design ongoing with 2023 construction. Coordinated with CCBF road project.
2022	5142261240	Woodward Treatment Plant Filter Building - Flume Watermain Lining	2,000,000	-	-	2,000,000	0.0%	J.Kennedy	Anticipate completion in 2023
2022	5142271296	Governor's - Main to Ogilvie (Bridge 296)	400,000	-	-	400,000	0.0%	J.Kennedy	Tendering Project Fall 2022, currently with the Consultant for detailed design. Should be Tender ready for Q4 or Q1 2023. Bell relocation costs still to be finalized and invoiced for *-\$160K
2022	5142266220	Water Treatment Plant - Clearwells Concrete Restoration Upgrades	600,000	-	-	600,000	0.0%	S. Leitch	STATUS: Cancel projectid as scope included in WTP Process Upgrades. NEXT STEPS: Available budget will WIP transferred through the 2023 Rates Budget process.
2022	5142271305	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	1,000,000	-	-	1,000,000	0.0%	J.Kennedy	\$900K being used to WIP fund 2023 program. Project will be rebudgeted pending detailed design.
2022	5142266351	Woodward SCADA OT (Operating Technology) Security Program	125,000	-	-	125,000	0.0%	D.Looco	STATUS: Waiting PO to be issued for Roster NEXT STEP: tec workshops under Roster
2022	5142271306	Kelvin - Old Orchard to south end	100,000	105,111	3,621	(8,732)	108.7%	J.Kennedy	Ongoing - work in progress
2022	5142255280	Airport Employment Growth District (AEGD) Water, Wastewater and Stormwater Master Plan Update	700,000	-	-	700,000	0.0%	G.Norman	Project to be initiated in Q4 2022/ Q1 2023
2022	5142271308	Concession / Mountain Brow - Upper Gage to Oakcrest	2,200,000	-	-	2,200,000	0.0%	J.Kennedy	Design change and coordination with Councillor. Design consultant engaged Q4 of 2022. Tender Q1 of 2023 with 2023 Construction
2022	5142260081	Large Valve Replacement - Nash (LRT Enabling)	2,000,000	-	32,830	1,967,170	1.6%	A. Shaikh	Construction anticipated in 2024
2022	5142271312	Strathearne - Main to Britannia	900,000	-	-	900,000	0.0%	J.Kennedy	Design ongoing with construction in 2024
2022	5142261741	Resetting or Adjusting of Water Utility Structures	250,000	-	-	250,000	0.0%	N.Winters	New Contract issued in q3 of 2022. 100% of funds to be utilized by December 2023.
2022	5142271318	Eastmount Neighbourhood - Water	210,000	14,459	41,919	153,621	26.8%	J.Kennedy	Programmed for replacement in 2023 coordinated through capital
2022	5142251112	Inventory Bar Coding System, Equipment & Consulting	200,000	-	-	200,000	0.0%	N.Winters	This project is on hold pending staffing.

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2022	5142271325	CCBF - Corktown Neighbourhood	400,000	-	-	400,000	0.0%	J.Kennedy	Design ongoing with construction in 2023
2022	5142260280	Upper Centennial Watermain Extension	500,000	-	-	500,000	0.0%	J.Kennedy	Work to be undertaken by Development.
2022	5142280280	First Road West Watermain - Bedrock to Glover Mountain	830,000	-	-	830,000	0.0%	G. Norman	To be constructed as part of on-going development in Nash Neighbourhood.
2022	5142257000	Vertical Asset Management Program	560,000	-	-	560,000	0.0%	S. Leitch	STATUS: Work in progress - Roster PO. NEXT STEPS: Anticipate completion Q2 2023.
2022	5142280281	Dickenson Road West Watermain - Garth Street Extension to 870m easterly	510,000	-	-	510,000	0.0%	G.Norman	To be constructed with upgrades to Dickenson Rd. as part on on-going industrial development.
2022	5142266320	Woodward Water Treatment Plant - Low Lift Pumping Station Intake Repairs	830,000	14,727	123,978	691,295	16.7%	S. Leitch	STATUS: Work in progress - Design. NEXT STEPS: RFT issuance Q4 2022.
2024	5142467224	New PD2 Water Pumping Station (CASH FLOWED)	2,650,000	-	-	2,650,000	0.0%	B. Posedowski	STATUS: Working on Growth Scenario NEXT STEPS: Pending MP decision in Q4 2023
Sub-Total Waterworks Regular Program			424,837,057	167,393,219	31,755,658	225,688,180	46.9%		
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. NEXT STEPS: Account to be closed once outstanding purchase orders are closed. Negative balance due to unanticipated tax changes.
2008	5160867751	WW Outstns - Asset Management	2,655,000	2,683,813	146,704	(175,517)	106.6%	S. Leitch	STATUS: Work in Progress - Design. 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	424,632,253	383,160,072	26,454,816	15,017,366	96.5%	J. Helka	STATUS: Work in Progress - Construction (Raw Wastewater Pumping Station, Electrical System, Tertiary Treatment). GIF Funded. Cash Flow Budget approved by Finance NEXT STEPS: Substantial Performance Q1 2023.
2009	5160966910	WWTP - Biosolids MP Implement	44,040,000	38,791,704	4,237,935	1,010,361	97.7%	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.
2010	5161066065	Waste Hauler Receiving Station	3,439,800	3,217,504	37,480	184,815	94.6%	S. Leitch	STATUS: Complete. NEXT STEPS: Account to be closed.
2012	5161266213	Dundas WWTP Improvements	2,910,200	508,055	139,718	2,262,428	22.3%	S. Leitch	STATUS: Work in progress - reviewing project scope and capital costing. NEXT STEPS: RFP for design issuance Q1 2023.
2012	5161267270	Ancaster WW Outstations	10,370,000	9,770,339	399,038	200,623	98.1%	S. Leitch	STATUS: Work in progress - warranty. NEXT STEPS: Warranty ends Q4 2022.
2012	5161267273	Dundas WW Outstations	5,900,000	1,451,998	11,500	4,436,502	24.8%	S. Leitch	STATUS: Work in progress - RFP design document. NEXT STEPS: RFP for design issuance Q4 2022.
2014	5161455420	SERG - Flooding & Drainage MP	555,000	501,248	19,340	34,412	93.8%	G. Caterini	STATUS: Complete - Peer Review Scope for Flooding and Drainage Master Servicing Study. PO held open until FDIF Council presentation results are available. NEXT STEPS: Close out PO before end of 2022.
2014	5161467756	Greenhill & Cochrane HCS01	2,920,000	406,131	91,086	2,422,783	17.0%	S. Leitch	STATUS: Work in progress - Roster PO for electrical investigation. NEXT STEPS: RFP for design issuance Q2 2023.

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			a	b	c	d	e		
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	150,919	1,952	90,130	62.9%	N. Winters / S. Girt	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 (TBD). 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 (TBD).
2015	5161555264	City-Wide Wastewater MP	1,230,000	541,086	56,666	632,248	48.6%	B. Posedowski	STATUS: Work in progress NEXT STEPS: Completion Q4 2023
2015	5161555545	Capital Works Information Mgmt	280,000	30,312	204,646	45,041	83.9%	N. Winters	STATUS: Ongoing - PMO Optimization Study NEXT STEPS: Awaiting Consultant recommendation for implementation
2015	5161567564	HC005 - Schedule C EA	990,000	319,710	-	670,290	32.3%	S. MacPherson-Nemeth	STATUS: Complete - EA (Emergency Overflow Schedule C Municipal Class) NEXT STEPS: None
2015	5161596855	Royal to Main-King CSO (WW-22)	26,080,000	2,533,406	230,922	23,315,672	10.6%	S. Jacob / H. Krinas	Working with MTO and MECP to complete the required details for the permits. Design is with Stantec consultant, looking to construct in 2023/2024 Design dealing with construction method issues raised by MTO.
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 is being delivered at broader scale by CS&CO (Q3, 2022), and initiation of a flow Monitoring study following the I&I Reduction Solution Implementation (TBD).
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, likely as part of CS&CO project), MH lid survey (TBD), dye testing (TBD), and initiation of post-implementation flow monitoring (TBD).
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: Upon review of more information, this project's need should be re-evaluated; issue charter by Q1 2023, if confirmed.
2016	5161667421	New Haulage Receiving Station	2,490,000	300,666	103,537	2,085,797	16.2%	B. Posedowski	STATUS: Work in Progress - EA (Addendum to the original EA for additional sites assessment) and Conceptual Design Development; pending land availability. NEXT STEPS: Detailed Design and Construction phases, TBD
2016	5161667622	FC001 DC009 HC011 Upgrades	7,500,000	1,666,743	458,284	5,374,974	28.3%	S. Leitch	STATUS: Work in progress - HC011 project in Design. NEXT STEPS: RFT issuance Q4 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 2023. Preliminary design and detailed design to be completed in 2023 for tender for construction in 2024/2025. Estimates will be updated after detailed design. Budget can be cash flowed
2016	5161696452	AEGD - Dickenson Rd FM & Sewer	106,480,000	6,261,418	110,352,796	(10,134,213)	109.5%	S. Jacob / H. Krinas	C15-40-21 - Q4 2022 start. Cash Flow Project - additional funds in the 2023 Capital Budget
2017	5161718420	Grindstone Creek Utility Bridge	998,068	831,674	253,291	(86,898)	108.7%	E. Waite / H. Krinas	In Design
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. Scope requires re-evaluation based on status of other current, ongoing initiatives. NEXT STEPS: Issue Project Charter Q1, 2023.
2017	5161766423	Sewer Use Bylaw 14-090 Parameter Limit Review	300,000	260,131	-	39,869	86.7%	N. Winters / S. Girt	Approved to proceed with SUB amendment for permanent dewatering. Will reach out to Legal to commence discussions.

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2017	5161766713	Wastewater Maintenance Capital	3,000,000	2,769,360	74,270	156,370	94.8%	S. Lapointe	STATUS: Complete - PMATS (21.02) Binbrook Odour Pilot NEXT STEP: Charter to be closed - Q4 2022
2017	5161766745	Woodward WWTP-Oper Readiness	2,475,000	1,724,630	-	750,370	69.7%	F. Gonzalez	STATUS: Construction - PMATS (21.10) James/Guise CSO Backflow Relocation NEXT STEP: Substantial Performance - Q2 2023
2017	5161767420	Parkdale Av HC001 WW Statn Upg	920,000	181,269	-	738,731	19.7%	S. Leitch	STATUS: Completed NEXT STEPS: Close Account
2017	5161767772	Decommissioning Aberdeen SPS	60,000	-	-	60,000	0.0%	B. Posedowski	STATUS: Work in progress - SP Modeling Analysis. NEXT STEPS: Awaiting direction from Systems Planning. RFP issuance Q1 2023.
2017	5161796786	First Street PS Upgrade DC014	6,230,000	5,688,275	378,274	163,451	97.4%	S. Leitch	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 (TBD), and implement decommissioning (TBD)
2017	5161796786	First Street PS Upgrade DC014	6,230,000	5,688,275	378,274	163,451	97.4%	S. Leitch	STATUS: Work in progress - warranty. NEXT STEPS: Warranty ends Q2 2023.
2018	5161855777	LRT Corridor - Wastewater	1,470,000	30,781	2,500	1,436,719	2.3%	B. Posedowski	STATUS: Work in progress - warranty. NEXT STEPS: Warranty ends Q2 2023.
2018	5161855777	LRT Corridor - Wastewater	1,470,000	30,781	2,500	1,436,719	2.3%	B. Posedowski	STATUS : Work on hold NEXT STEPS : Waiting for guidance from LRT office
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.
2018	5161866511	Woodward WWTP - Digester #4	5,500,000	5,186,514	332,420	(18,934)	100.3%	S. Lapointe	STATUS: Substantially Performed - PMATS (16.09) Digester #4 NEXT STEP: Warranty End Date - Q3 2023
2018	5161866713	Wastewater Maintenance Capital	3,351,000	1,481,231	1,845,050	24,719	99.3%	S. Lapointe	STATUS: Substantially Performed - PMATS (16.09) Digester #4 NEXT STEP: Warranty End Date - Q3 2023
2018	5161866713	Wastewater Maintenance Capital	3,351,000	1,481,231	1,845,050	24,719	99.3%	S. Lapointe	STATUS: Construction - PMATS (18.17) Aeration Galleries NEXT STEP: Substantial Performance - Q4 2023
2018	5161866713	Wastewater Maintenance Capital	3,351,000	1,481,231	1,845,050	24,719	99.3%	S. Lapointe	STATUS: Design - C (18.06) Dundas WWTP Health & Safety Immediate Needs & Structural Repairs NEXT STEP: Construction - Q1 2024
2018	5161866713	Wastewater Maintenance Capital	3,351,000	1,481,231	1,845,050	24,719	99.3%	S. Lapointe	STATUS: Study - C (16.07) Greenhill CSO Upgrades NEXT STEP: Conceptual Design – 90% Report due for review end of October - Q4 2022
2018	5161866713	Wastewater Maintenance Capital	3,351,000	1,481,231	1,845,050	24,719	99.3%	S. Lapointe	STATUS: Study - C (22.05) HCG14 Wellington St North NEXT STEP: Conceptual Design - Q4 2022
2018	5161867752	Wastewater Outstation Inspect	520,000	287,203	-	232,797	55.2%	S. Leitch	STATUS: Work in progress - wastewater condition assessment assignments. NEXT STEPS: Anticipate completion Q3 2023.
2018	5162166810	Woodward WWTP - New Maint Bldg	1,000,000	55,018	45,463	899,520	10.0%	S. McCauley / S. Lapointe	STATUS: Cancelled - PMATS (19.09) Maintenance Building NEXT STEP: Charter to be closed - Q2 2024
2019	5161955010	WW Systems Planning Program	600,000	501,161	61,658	37,181	93.8%	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	201,041	29,587	119,372	65.9%	B. Sarker	STATUS: No current active study. NEXT STEPS: Initiate new studies as required, Ongoing.

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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	139,565	148,238	92,198	75.7%	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	-	688,509	90.2%	E .Waite / H. Krinas	\$688K being used to WIP fund 2023 program and then this project can be closed.
2019	5161966102	Woodward WWTP - Expansion	9,500,000	77,252	63,390	9,359,358	1.5%	J. Helka	STATUS: RFP in development with and award of Engineering Consultant expected Q1 2023. NEXT STEPS: Work on RFP to continue.
2019	5161966151	SCADA servers and network	1,800,000	964,769	121,525	713,705	60.3%	S. McCauley	STATUS: New charter of work for 2022. NEXT STEPS: Roster assignment for documents, Pricing for Network switch replacement end of life, PO for Plant SCADA UPS,OIT replacement
2019	5161966511	Woodward WWTP - Digester #5	13,460,000	846,549	543,389	12,070,062	10.3%	J. Helka	STATUS: Design underway, construction anticipated to begin in Q1/Q2 2023. NEXT STEPS: Complete 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 - Part of Clean Harbour - Construction (Tertiary Treatment). NEXT STEPS: Substantial Performance Q1 2023.
2019	5161966713	Wastewater Maintenance Capital	4,000,000	1,845,795	1,513,222	640,983	84.0%	S. Lapointe	STATUS: Design - C (16.13) Real Time Control (RTC) Program NEXT STEP: Tender - Q4 2022 STATUS: Substantially Performed - PMATS (16.09) Digester #4 NEXT STEP: Warranty End Date - Q3 2023 STATUS: Substantially Performed - PMATS (16.15) Headworks Biofilter NEXT STEP: Warranty End Date - Q1 2023 STATUS: Substantially Performed - PMATS (16.63) Trailer-mounted generators to meet TSSA and TBG requirements NEXT STEP: Warranty End Date - Q2 2023 STATUS: Substantially Performed - C (93) First Street SCADA NEXT STEP: Warranty End Date - Q2 2023 STATUS: Substantially Performed - C (18.06) Dundas WWTP Effluent Disinfection & Misc. Upgrades NEXT STEP: Warranty Completed - Q3 2022 STATUS: Study Complete - WWWSP (20.22) Chedoke Creek Water Quality Improvement Study NEXT STEP: Charter to be closed - Q4 2022 STATUS: Construction - PMATS (16.45) Arc Flash NEXT STEP: Substantial Performance - Q2 2023 STATUS: Design - C (20.17) Grafton (HSS01) and Centennial (HSS02) Stormwater Pumping Station Emergency Back-up Power NEXT STEP: RFPQ to be submitted - Q1 2023
2019	5161967123	AEGD Growth Initiative	14,910,000	8,916,414	1,205,214	4,788,371	67.9%	S. Leitch	STATUS: Work in progress - HC018 Twenty SPS in warranty. NEXT STEPS: Warranty ends Q4 2022.
2019	5161967752	WW Outstation Inspections	520,000	324,102	209,005	(13,106)	102.5%	S. Leitch	STATUS: Work in progress - Dundas Digester Structural Assessment, AM Program implementation plan, Woodward WWTP Audit projects. NEXT STEPS: Dundas Structural Assessment anticipated completion Q1 2023, Woodward WWTP Audit anticipated completion Q4 2022.
2019	5161968920	Fennell-Greenhill Drop Shaft	1,030,000	148,307	29,925	851,768	17.3%	E .Waite / H. Krinas	Cancel project. Re-evaluating sewer bypass and inspection strategies.
2019	5161971945	Sheaffe / Park / Mulberry (Central Nbhd (North))	2,420,000	2,318,885	1,865	99,250	95.9%	M. Oddi	Ongoing - C15-20-21 - construction 2021/22.

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2020	5162025045	Hopkins Court - Municipal Act	215,131	248,725	-	(33,594)	115.6%	M. Oddi	Complete - pending final review/audit/payment. Owner's Share to be collected and deposited by Corporate Services.
2020	5162055010	WW Systems Planning Program	530,000	385,198	205,282	(60,479)	111.4%	B. Posedowski	STATUS: Work in Progress or Completed - Multiple WW system planning related studies. NEXT STEPS: Complete work in progress.
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. Potentially one pumping station EA charter may be issued by end of Q4 2022 or early Q1 2023.
2020	5162055800	Sewer Outfall Monitor Study	1,150,000	170,773	-	979,227	14.8%	B. Posedowski	STATUS: Project Charter Not Issued (design phase). NEXT STEPS: Issue Project Charter for the conceptual design phase, after temporary monitoring project (by Operations) has gathered at least 1-year of data, TBD.
2020	5162055801	Woodward WWTP Facility Plan	350,000	191,315	127,726	30,959	91.2%	B. Posedowski	STATUS: Work in Progress, Facility Planning Study NEXT STEPS: Completion, Q4, 2022
2020	5162055880	I&I Flow Monitoring Program	500,000	230,654	235,099	34,247	93.2%	B. Posedowski	STATUS: Work in Progress - Multiple WW systems flow monitoring studies NEXT STEPS: Likely just complete work in progress given remaining budget in account - Ongoing.
2020	5162057545	WW Comp Model Update & Maint	660,000	119,062	159,473	381,465	42.2%	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	Work will not take place until the flow from Upper Centennial Trunk is diverted into the new to be constructed Centennial Trunk
2020	5162060522	Annual Sewer Lateral Manag-WWC	4,250,000	1,057,918	3,080,000	112,082	97.4%	N. Winters / D. Alberton	\$33,161 being used to WIP fund 2023 program. 2021/2022 Contract awarded and in construction. Anticipate completion of 2021/22 contracts by year end 2023. Available balance will be utilized in 2023. \$33,161 to be WIP funded to project ID 5162361351 (Targeted Private Disconnection Program) through the 2023 Budget Process.
2020	5162060575	Mainline Condition Assessment	1,240,000	425,144	74,745	740,110	40.3%	E .Waite / H. Krinas	Ongoing - work in progress
2020	5162060999	Closed Projects - Wastewater	-	-	-	-	N/A	E. Waite / P. McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2020	5162061006	Inverness Trunk Rehab	970,000	266,719	30,738	672,544	30.7%	E .Waite / H. Krinas	Work Completed - To be closed by Construction
2020	5162061051	Satellite City Trunk Rehab	8,750,000	835,313	7,814,521	100,165	98.9%	E .Waite / H. Krinas	Work in progress, to be completed Q2 of 2023
2020	5162062543	CSO Characterization Program	450,000	220,661	91,076	138,263	69.3%	B. Posedowski	STATUS: Work in progress - 2021 CSO Annual reporting study and procedural guideline report. NEXT STEPS: Complete 2021 CSO Annual reporting (Q4, 2022); initiate future annual CSO reporting studies, procedural guideline report (Q1 2023) 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: Work in progress - design. NEXT STEPS: RFPQ issuance Q1 2023.
2020	5162067065	Eastport SPS (HC017) Upgrades	2,870,000	-	-	2,870,000	0.0%	S. Leitch	STATUS: Work in progress - System Planning flooding assessment. NEXT STEPS: RFP for design issuance Q4 2024.

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2020	5162067420	Main & King CSO Rehab	1,599,000	123,874	137,567	1,337,558	16.4%	S. McCauley	STATUS: Design - PMATS (20.05) Main & King CSO Rehab NEXT STEP: Tender for Construction - Q4 2022
2020	5162067425	Hillside SPS (DC006) Upgrades	1,660,000	-	-	1,660,000	0.0%	S. Leitch	STATUS: Awaiting W/WW Master Plan regarding potential growth at this site. NEXT STEPS: RFP for design issuance Q1 2023.
2020	5162067752	WW Outstation Inspections	520,000	359,097	121,161	39,742	92.4%	B. Posedowski	STATUS: Work in progress - wastewater site condition assessment assignments. NEXT STEPS: Anticipated completion Q1 2023.
2020	5162068851	Pier 25 Dredging - Windermere	13,700,000	5,802,304	-	7,897,696	42.4%	S. Leitch	STATUS: Complete. NEXT STEPS: Account to be closed.
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 Unshed Works - 2020	226,000	129,534	19,553	76,913	66.0%	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	\$760K being used to WIP fund 2023 program. Balance is sufficient for sewer works on the Main - Queenston LRT route
2020	5162080089	Rymal-Fletcher to U Centennial	5,330,000	4,061,520	36,733	1,231,747	76.9%	M. Oddi	Ongoing - C15-50-19 - surface asphalt in 2022
2020	5162095800	Flooding & Drainage MP	1,330,000	127,200	-	1,202,800	9.6%	B. Posedowski	STATUS: No active projects. NEXT STEPS: Issue project charter for implementation of EA studies recommended in the Flooding and Drainage Improvement Framework study, TBD (likely Q1 2023).
2021	5162101099	Eng Services Staffing	9,200,000	7,742,844	-	1,457,156	84.2%	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	5162111101	Annual Road Restoration	4,115,000	3,296,376	219,135	599,488	85.4%	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	360,000	63,001	76,162	220,837	38.7%	E .Waite / H. Krinas	Tendered and awarded, awaiting PO
2021	5162155022	Engineering Consultants	800,000	252,283	163,400	384,317	52.0%	E .Waite / H. Krinas	\$37,161 being used to WIP fund 2023 program. 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	136,000	28,841	-	107,159	21.2%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5162155878	Forcemain Condition Assessment	896,000	113,238	215,441	567,321	36.7%	E .Waite / H. Krinas	Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162155880	Inflow & Infiltration Studies	450,000	341,735	128,610	(20,345)	104.5%	B. Posedowski	STATUS: Work in Progress - Multiple WW systems flow monitoring studies NEXT STEPS: Complete work in progress. Initiate new rainfall and flow monitoring and / or Inflow & Infiltration studies / programs as required with future budgets - Ongoing.
2021	5162157545	Wastewater Computer Model	370,000	-	26,432	343,568	7.1%	B. Posedowski	STATUS: Modeling review assignment ongoing. NEXT STEPS: Hatch modeling review assignment should close out by end of 2022. Existing model Maintenance and Initiate new WW systems computer modelling assignments as required, Ongoing.
2021	5162160302	Annual Emerg Repairs-X Connect	1,970,000	544,594	659,196	766,210	61.1%	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	8,300,000	6,232,437	1,819,407	248,156	97.0%	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.

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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 of 2021 lining program.
2021	5162160522	Annual Sewer Lateral Manag-WWC	8,250,000	3,162,596	602	5,086,802	38.3%	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	5162160533	Trenchless Manhole Rehab	320,000	438	-	319,562	0.1%	E .Waite / H. Krinas	\$200k used to WIP fund 2023 program. Balance to be spent by year end 2023.
2021	5162160574	Pre-Con Mainline Assessment	1,650,000	918,866	431,866	299,268	81.9%	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.
2021	5162160575	Mainline Condition Assessment	3,170,000	298,850	901,996	1,969,154	37.9%	E .Waite / H. Krinas	Ongoing - work in progress
2021	5162160576	Sewer Lateral Condition Assess	1,330,000	503,601	779,935	46,464	96.5%	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	5162160577	Mainline Sewer Assess for C&R	319,000	76,732	154,312	87,956	72.4%	E .Waite / H. Krinas	Anticipate completion of 2021/22 contracts by year end 2023.
2021	5162160711	Annual Capital Wtr Consumption	500,000	88,273	-	411,727	17.7%	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	1,180,000	374,376	697,298	108,326	90.8%	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	Manhole rehabilitation to be executed Q4 2022.
2021	5162161444	Annual Private Drain Repairs	7,220,000	4,719,339	1,401,435	1,099,226	84.8%	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	5162161740	Unsched Manhole & Sewermain	1,377,808	949,793	400,000	28,015	98.0%	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	5162162073	Field Data Systems Program	280,000	113,840	-	166,160	40.7%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion year end 2022.
2021	5162166713	Wastewater Capital Maintenance	1,500,000	-	919,732	580,269	61.3%	S. McCauley	STATUS: Design - PMATS (18.17) Aeration Galleries NEXT STEP: Tender for Construction - Q4 2024
2021	5162167275	DC014 First Street Waterdown	1,540,000	-	-	1,540,000	0.0%	S. Leitch	STATUS: Work in progress - RFP design document. NEXT STEPS: RFP for design issuance Q1 2023.
2021	5162167420	DC007 McMaster Sewage Pumping	1,100,000	135,143	-	964,857	12.3%	S. Leitch	STATUS: Work in progress - Systems Planning Schedule B EA into 2023. NEXT STEPS: RFP for design issuance Q1 2025.
2021	5162167501	Odour Control Program & Media	1,500,000	-	-	1,500,000	0.0%	S. McCauley	STATUS: Chartering - PMATS (20.12) Odour Media Control Program - Design - Q4 2022
2021	5162167752	Wastewater Outstation Inspect	1,220,000	-	289,075	930,925	23.7%	S. Leitch	STATUS: Work in progress - wastewater site condition assessment assignment charters. NEXT STEPS: Issue project charters Q2 2023.

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2022
			a	b	c	d	e		
2021	5162168777	Chedoke Creek Water Qlty Imprv	10,100,000	2,168,885	5,605,905	2,325,210	77.0%	C. Vanderperk	STATUS: Work in Progress - Targeted Dredging of Chedoke Creek NEXT STEPS: Oct-Dec 2022 - Dredging and Dewatering. Project now on hold
2021	5162169075	Environmental Lab Improvements	750,000	225,628	14,348	510,024	32.0%	N. Winters / S. Girt	This project is tied to the HVAC upgrade. Tender to hire consultant for detailed design was unsuccessful. Capitol Delivery is reviewing the specs and will re-issue tender. 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 2022/23 (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. Tender to hire consultant for detailed design was unsuccessful. Capitol Delivery is reviewing the specs and will re-issue tender. Schedule and expected completion date will be determined during detailed design.
2021	5162171015	Sewer Lateral Replace-Roads	1,035,000	95,172	343,754	596,073	42.4%	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	3,261,000	2,692	5,000	3,253,308	0.2%	E .Waite / H. Krinas	The project couldn't be awarded in 2022 and will be re-tendered in 2023.
2021	5162180187	Garner W - Raymond to Hwy 6	8,000,000	-	-	8,000,000	0.0%	T. Sergi / G. Norman	Construction to begin in 2024
2021	5162180281	Rymal - Massina to 140m E	30,000	-	-	30,000	0.0%	T. Sergi / G. Norman	Project is currently in construction.
2021	5162180584	Nebo - Rymal to Twenty Rd E	750,000	1,625	-	748,375	0.2%	S. Jacob / G. Norman	Storm scope finalized in Summer 2023, Design to engage consultant and if schedule allows construction will start in 2023/2024.
2021	5162171074	Unscheduled Works Program	180,000	-	-	180,000	0.0%	S. Jacob / G. Norman	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2021	5162155010	Wastewater Systems Planning	600,000	-	-	600,000	0.0%	S. Jacob / G. Norman	STATUS: Three ongoing procurement processes. NEXT STEPS: Initiate the relevant WW system planning studies as required, Ongoing.
2022	5162241350	Pilot solar power installation	150,000	-	-	150,000	0.0%	S. Leitch	STATUS: Transferred to Energy Initiatives Section.
2022	5162255242	Combined Sewer Outfall Study	600,000	-	-	600,000	0.0%	S. McCauley	Tender for work to be issued in Q4 of 2022 and funds allocated.
2022	5162255800	I&I Study - New Subdivisions	550,000	-	-	550,000	0.0%	B. Posedowski	STATUS: Charter approved to initiate an I&I study. NEXT STEPS: Initiate the new study; terms of reference currently being re-assessed.
2022	5162255900	EA - MIP Trunk Relocation	5,650,000	-	-	5,650,000	0.0%	B. Posedowski	STATUS: Not started, no active project. NEXT STEPS: Pending next steps from PED
2022	5162257800	Wastewater Facilities AMP	100,000	-	-	100,000	0.0%	S. Leitch	STATUS: Work in progress - Roster PO. NEXT STEPS: Financial plan completion Q3 2023.
2022	5162261741	Reset&Adjust Manhole Covers	250,000	-	-	250,000	0.0%	N. Winters	New Contract issued in q3 of 2022. 100% of funds to be utilized by December 2023.
2022	5162262250	ESI Rehab @ South Service Rd	5,000,000	-	-	5,000,000	0.0%	S. Jacob	\$4M being used to WIP fund 2023 program. Remaining funding to be used for detailed inspection and rehabilitation design in 2022-2023.
2022	5162262251	Wellington St Outfall	3,000,000	-	-	3,000,000	0.0%	S. Jacob	New Project 2022
2022	5162262305	Iona Ave Sewer Improvements	330,000	-	-	330,000	0.0%	B. Posedowski	STATUS: Procurement in progress to hire a consultant to initiate the study NEXT STEPS: Initiate the new study; waiting for PO.

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2022
			a	b	c	d	e		
2022	5162266187	Digester 3 Emergency	-	1,525,234	-	(1,525,234)	N/A	J. Helka	Ongoing - work in progress.
2022	5162266351	SCADA Security Program	125,000	-	-	125,000	0.0%	D. Locco	STATUS: Waiting for PO to be issued for Roster NEXT STEP: Tec workshops under Roster
2022	5162266712	WW Mtce - Rebuild Replace New	600,000	-	204,411	395,589	34.1%	D. Locco	STATUS: Ongoing NEXT STEPS: Ongoing as required
2022	5162266911	Woodward WWTP - N Digesters	3,450,000	-	-	3,450,000	0.0%	J. Helka	STATUS: Engineering RFP in development, to be included within Expansion Project - project award anticipated in Q1, 2023. NEXT STEPS: Work on RFP to continue.
2022	5162267375	Beach Blvd HC051 SPS Upgrades	440,000	-	-	440,000	0.0%	S. Leitch	STATUS: Work in progress - scope verification and RFP design document. NEXT STEPS: RFP for design issuance Q4 2022.
2022	5162267376	Rockcliffe DC015 SPS Upgrades	990,000	-	-	990,000	0.0%	S. Leitch	STATUS: Work in progress - RFP design document. NEXT STEPS: RFP for design issuance Q4 2022.
2022	5162267585	WW Facility Diesel Storage	1,100,000	-	-	1,100,000	0.0%	D. Locco	STATUS: Design - PMATS (22.06) WW Facility Diesel Storage NEXT STEP: RFP - Q2 2024
2022	5162268757	Lower Chedoke Combined EA	280,000	930	195,517	83,553	70.2%	C. Vanderperk	STATUS: Met with Councillors and shared draft Notices of Commencement. No communications issued due to hold on communications with Indigenous Nations. Impact on schedule is ~6 weeks. Field work completed, EIS TOR developed. Draft letter to Indigenous Nations in progress. NEXT STEPS: Issue letter to IN and notices of commencement. Preparation of Tech Memo #1. Schedule TAC meeting #1.
2022	5162268767	Chedoke Watershed SWM EA	280,000	1,746	221,619	56,634	79.8%	C. Vanderperk	STATUS: Met with Councillors and shared draft Notices of Commencement. No communications issued due to hold on communications with Indigenous Nations. Impact on schedule is ~6 weeks. Field work completed, potential retrofit locations finalized. Draft letter to Indigenous Nations in progress. NEXT STEPS: Issue letter to IN and notices of commencement. Preparation of Tech Memo #1. Schedule TAC meeting #1.
2022	5162271012	Strathearne - Mn to Britannia	170,000	-	-	170,000	0.0%	S. Jacob	Design ongoing with construction in 2024
2022	5162271021	Westdale South Neighbourhood	30,000	-	-	30,000	0.0%	S. Jacob	Construction year in 2024
2022	5162271022	Burlington - Jame to Ferguson	440,000	-	-	440,000	0.0%	S. Jacob	Design ongoing with construction in 2023 but may be delayed/reprogrammed pending HW Servicing Masterplan

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			a	b	c	d	e		
2022	5162271109	Scenic - Mohawk to Chateau	70,000	-	-	70,000	0.0%	S. Jacob	Project With Contract and ready for Tender now - 2022. Hydro one Utility Issue/Comment is Holding Tender
2022	5162271214	Fairfield - Barton to Britanni	250,000	-	-	250,000	0.0%	S. Jacob	Design ongoing with 2023 construction. Coordinated with CCBF road project.
2022	5162271296	Bridge 296 - Governors Rd	380,000	-	-	380,000	0.0%	S. Jacob	Tendering Project Fall 2022, currently with the Consultant for detailed design. Should be Tender ready for Q4 or Q1 2023. Bell relocation costs still to be finalized and invoiced for \$160K
2022	5162271303	Marion - Longwood to Dromore	180,000	-	-	180,000	0.0%	S. Jacob	Tendering Project Fall 2022. Councillor contributed W1 Minor Maintenance funds to extend project limits. Construction shifted from 2022 to 2023 due to funding issues and Geotechnical delays.
2022	5162271306	Kelvin - Old Orch to South End	60,000	37,402	3,045	19,553	67.4%	S. Jacob	Ongoing - C15-15-22
2022	5162271308	Concession - Up Gge to Oakcrst	150,000	-	-	150,000	0.0%	S. Jacob	Design change and coordination with Councillor. Design consultant engaged Q4 of 2022. Tender Q1 of 2023 with 2023 Construction.
2022	5162272205	Glnmrris - Underhill - Wilmar	1,250,000	-	-	1,250,000	0.0%	S. Jacob	\$1.1m being used to WIP fund 2023 program. Project will be rebudgeted pending detailed design.
2022	5162280280	Dewitt Road Sanitary Sewer	619,500	-	-	619,500	0.0%	S. Jacob	\$119,500 being used to WIP fund Dewitt - Highway 8 to Barton and then this project can be closed.
2022	5162280281	Dickenson Road West Sanitary	2,670,000	-	-	2,670,000	0.0%	G. Norman	To be constructed with upgrades to Dickenson Rd. as part on on-going industrial development.
2022	5162280282	Fifty Road Trunk Sanitary	1,300,000	-	-	1,300,000	0.0%	G. Norman	Phase 1 has been constructed. Waiting for payments.
2022	5162280283	370 Garner Road PS	3,500,000	-	-	3,500,000	0.0%	G. Norman	Construction to be coordinated with First Gulf Lands
2022	5162280284	Shaver Road Sanitary Sewer	600,000	-	-	600,000	0.0%	G. Norman	Construction to be coordinated with future growth in Ancaster Business Park
2022	5162280285	Drop Structure Up Cent Trunk	500,000	-	-	500,000	0.0%	G. Norman	Phase 3 waiting on planning approvals prior to construction.
2022	5162366420	Woodward WWTP - Primaries 1-8	1,100,000	-	-	1,100,000	0.0%	J. Helka	STATUS: RFP developed and being issued. NEXT STEPS: RFP award in Q1 2023.
2022	5162562543	CSO Characterization Program	170,000	-	-	170,000	0.0%	B. Posedowski	STATUS: 2022 CSO Reporting project TOR has been issued. NEXT STEPS: Initiate the 2022 CSO Reporting project. Complete a charter and initiate a new CSO characterization study in 2025.
2022	5165522888	Mill St Bridge Sewer Erosion	350,000	-	-	350,000	0.0%	B. Posedowski	STATUS: Not started, no active project. NEXT STEPS: Initiate Q4 2022/Q1 2023 depending on timing of Stormwater Ops.
Sub-Total Wastewater Regular Program			941,233,760	555,303,247	182,918,091	203,012,422	78.4%		
TOTAL PUBLIC WORKS - RATE FUNDED			1,477,568,927	759,612,743	229,816,782	488,139,403	67.0%		

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