



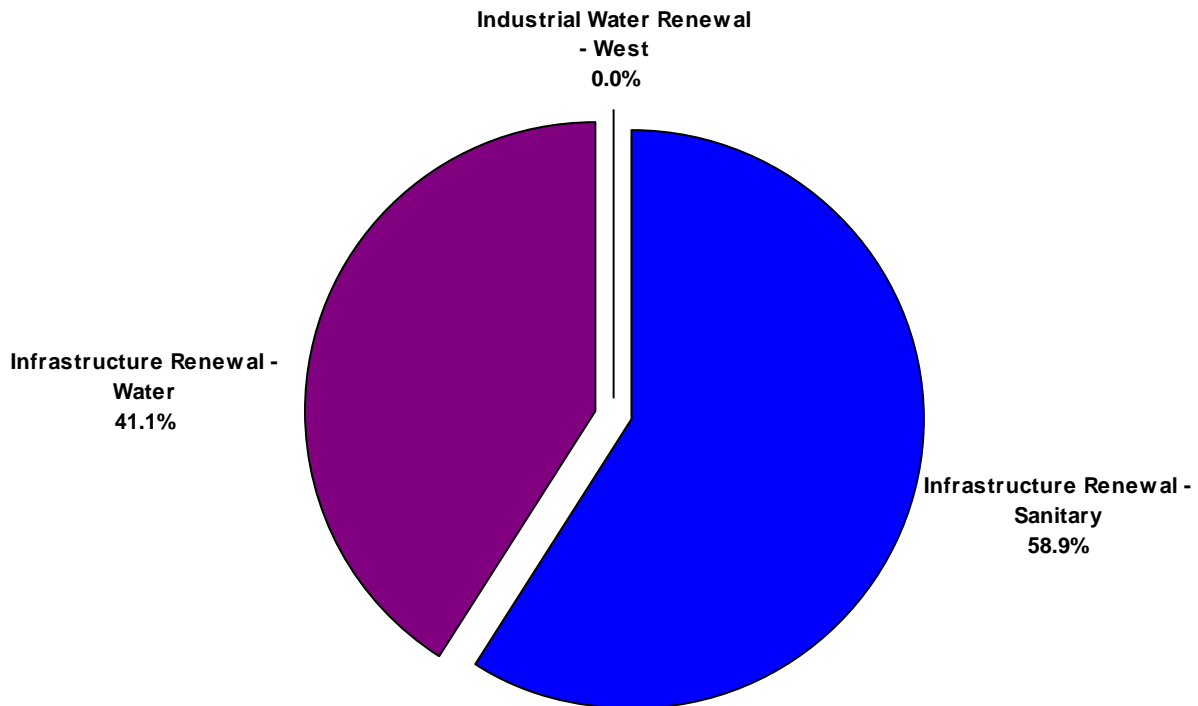
**THE CITY OF SAINT JOHN
SAINT JOHN WATER
CAPITAL PROGRAM SUMMARY
W & S UTILITY FUND**

15-Sep-22

Proposed Program Summary For - 2023

Category	No. of Projects	Other Share	Utility Share	Total
Industrial Water Renewal - West	3	\$985,000	\$0	\$985,000
Infrastructure Renewal - Sanitary	19	\$5,133,905	\$2,868,300	\$8,002,205
Infrastructure Renewal - Water	22	\$2,625,750	\$1,999,500	\$4,625,250
TOTALS:	44	\$8,744,655	\$4,867,800	\$13,612,455

Summary of Capital Costs (Utility Share)





THE CITY OF SAINT JOHN
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 PROPOSED W & S FUND PROGRAM

15-Sep-22

2023

MDH: MUNICIPAL DESIGNATED HIGHWAYS
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 w&s: WATER AND SEWER RELATED PROJECTS
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**This is a tentative program listing of proposed capital projects.
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 Priority assignments are subject to change at any time.**

Industrial Water Renewal - West

Project	Location	Description	Other Share	Utility Share
* Menzies Lake Dam	Menzies Lake Dam	Supplemental Funding for repair work and upgrade the access road and 3 existing earthen dykes and concrete control structure, including design and construction management services.	585,000	0
* Spruce Lake	Spruce Lake	Investigation and conceptual design around updating the Spruce Lake Screen Building and/or installation of new Intakes.	250,000	0
* Spruce Lake	Spruce Lake	Investigation and conceptual design around updating the Coleson Cove Screen Building.	150,000	0
<u>TOTAL:</u>			<u>\$985,000</u>	<u>\$0</u>



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* Broad Street	Charlotte Street to Carmarthen Street	Renew 275m of 300mm T.C. sanitary sewer, including design and construction management services. Project to be partially funded under Bilateral funding.	285,000	136,000
* Carmarthen Street	Mecklenburg Street to Orange Street	Renew 165m of 375mm T.C. sanitary sewer, including design and construction management services. Project to be partially funded under Bilateral funding.	190,000	91,000
CSO Rehab	Lower Cove Loop	Design and Rehabilitate CSO Chambers #1 and #2, Including construction management.	0	200,000
* EIA	Millidgeville WWTP and Lancaster Lagoon	Complete a Climate Lens, Environment Impact Assessment, Indigenous and AIA assesment. Full project envelope subject to the City obtaining DMAF funding. (Climate Change Adaptation Project)	24,000	36,000
* Facility and Asset Management	Various Water Facilities	Deep Municipal energy retrofit. Project partially funded under the Low Carbon Economy Fund.	160,000	240,000
* Lancaster Lagoon	Lancaster Lagoon	Supplemental funding to construct four aeration headers, one for each cell for the system at the Lancaster lagoon complete with road way construction. Full project envelope subject to the City obtaining Bilateral funding. Portion of City share for Bilateral Program provided in 2021 Capital Budget.	2,823,205	335,000
* Lancaster Lagoon	Lancaster Lagoon	Design for repairs and upgrades to the berms surrounding the polishing pond to increase their overall height to a consistent elevation and stabilize the embankment against further erosive soil loss as well as completing the design incorporating Climate Change Measures. Project includes design and construction management services. (Climate Change Adaptation Project). Full project envelope subject to the City obtaining DMAF funding.	110,000	165,000
* Morris and McKiel Street	Collins Street to Connors Street	Renew approx. 300m of 200mm concrete with new 200mm sanitary sewer, including design and construction management services. Project to be funded under CCBF.	450,000	



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Project	Location	Description	Other Share	Utility Share
* Pitt Street	Mecklenburg Street to St. James Street	Renew 190m of 300mm and 370mm T.C. sanitary sewer, including design and construction management services. Project to be partially funded under Bilateral funding.	170,000	80,000
G&D * Retail Drive Area	Rockwood Avenue to Civic # 16	Design services to renew approximately 122 m of 450mm sanitary sewer.	0	60,000
Separation of the Combined Sewers near Bayside Middle school	Bayside Drive, Edith Avenue, Loch Lomond Road, Westmorland Road Ellerdale Street, Linda Court, Macdonald Street	Investigate and conceptual design options to reduce overflows and separate the existing combined sewers near Bayside Middle School.	0	250,000
* St. Paul Street	Winter Street to Dead end	Renew 120m of 250mm T.C. sanitary sewer, including design and construction management services. Project to be funded under CCBF.	234,000	
* Sydney Street	St James Street to Queen Square North	Renew 195m of 300mm and 370mm T.C. sanitary sewer, including design and construction management services. Project to be partially funded under Bilateral funding.	200,000	96,000
* Waterloo Street	Union Street to Peters Street	Renew approx. 73m of 375mm T.C. sanitary sewer, including design and construction management services. Project to be partially funded under Bilateral funding.	70,000	33,000
* WWPS Lift Station A	657 Dominion Park Road	Retrofit lift station above flood level to provide for reliable collection of wastewater, including design and construction management services. Project to be partially funded under DMAF. (Climate Change Adaptation Project)	124,000	266,000
* WWPS Millidge Avenue	1043 Millidge Avenue	Design services to reconstruct lift station above flood level to provide for reliable collection of wastewater. Project to be partially funded under DMAF. (Climate Change Adaptation Project)	25,500	38,000
* WWPS Tippett Drive	651 Tippett Drive	Retrofit lift station above flood level to provide for reliable collection of wastewater, including design and construction management services. Project to be partially funded under DMAF. (Climate Change Adaptation Project)	124,000	320,000
WWTP	Various Locations	Implement the recommendations from the City of Saint John Wastewater Treatment Plant Solid Waste Diversion Action Plan.	0	306,000



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* WWTP Millidgeville	Millidgeville WWTP	Design and construction management services for a new UV disinfection system and building with updated mechanical and electrical components installed above the projected Saint John River flood elevation. (Climate Change Adaptation Project). Full project envelope subject to the City obtaining DMAF funding.	144,200	216,300
<u>TOTAL:</u>			<u>\$5,133,905</u>	<u>\$2,868,300</u>



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Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
Britain Street	Pitt Street to Wentworth Street	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project.	0	50,000
* Broad Street	Charlotte Street to Carmarthen Street	Renew 275m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be partially funded under Bilateral funding.	260,000	167,000
* Carmarthen Street	Mecklenburg Street to Orange Street	Renew 165m of 300 mm C.I. watermain with 300 mm watermain, including design and construction management services. Project to be partially funded under Bilateral funding.	225,000	145,000
Champlain Heights Booster Station	Champlain Heights Booster Station	Replace Champlain Heights Booster Station disconnect and MCC, including design and construction management services.	0	200,000
Charlotte Street	St. James Street to Lower Cove Loop	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project.	0	40,000
Engineering Investigations and Design	Various locations	Funding for engineering investigations and design for various projects under the Water and Sanitary categories.	0	240,000
* Fleet Replacement	Various Locations	Fleet Replacement for Saint John Water. Project to be funded under Fleet Reserve.	475,000	0
Garden Street	Coburg Street to City Road	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project.	0	104,500
* Morris and McKiel Street	Collins Street to Connors Street	Renew approx. 250m of 200mm C.I. watermain, including design and construction management services. Project to be funded under CCBF.	612,000	
Peters Street	Waterloo Street to Coburg Street	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project.		85,000
Pitt Street	St. James Street to Broad Street	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project.	0	55,000
* Pitt Street	Mecklenburg Street to St. James Street	Renew 220m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be partially funded under Bilateral funding.	190,000	130,000



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* Rockland Road	Parks Street to Paradise Row	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project. Project to be funded under CCBF.	70,000	0
* Rodney Street	Market Place to Watson Street	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project. Project to be funded under CCBF.	188,750	0
Spruce Lake Tank	Spruce Lake Industrial Park	Engineering Design for the Rehabilitation of the Spruce Lake Tank.	0	250,000
St. James Street	Germain Street to Charlotte Street	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project.	0	50,000
* St. Paul Street	Winter Street to Dead end	Renew 120m of 100 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be funded under CCBF.	315,000	
Sydney Street	Broad Street to Broadview Avenue	Supplemental City share funding for the renewal of the Water and sewer Infrastructure for the overall street reconstruction project.	0	35,000
G&D Sydney Street	Vulcan Street to Tin Can Beach	Renew approx. 125m of 200mm C.I. watermain, including design and construction management services.	0	185,000
* Sydney Street	St James Street to Queen Square North	Renew 220m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be partially funded under Bilateral funding.	185,000	120,000
Water Pumping Station	Technology Drive	Investigate and conceptual design services for the construction of a new Water Booster Pumping Station.	0	75,000
* Waterloo Street	Union Street to Peters Street	Renew approx. 73m of 300mm C.I. watermain, including design and construction management services. Project to be partially funded under Bilateral funding.	105,000	68,000
TOTAL:			\$2,625,750	\$1,999,500