



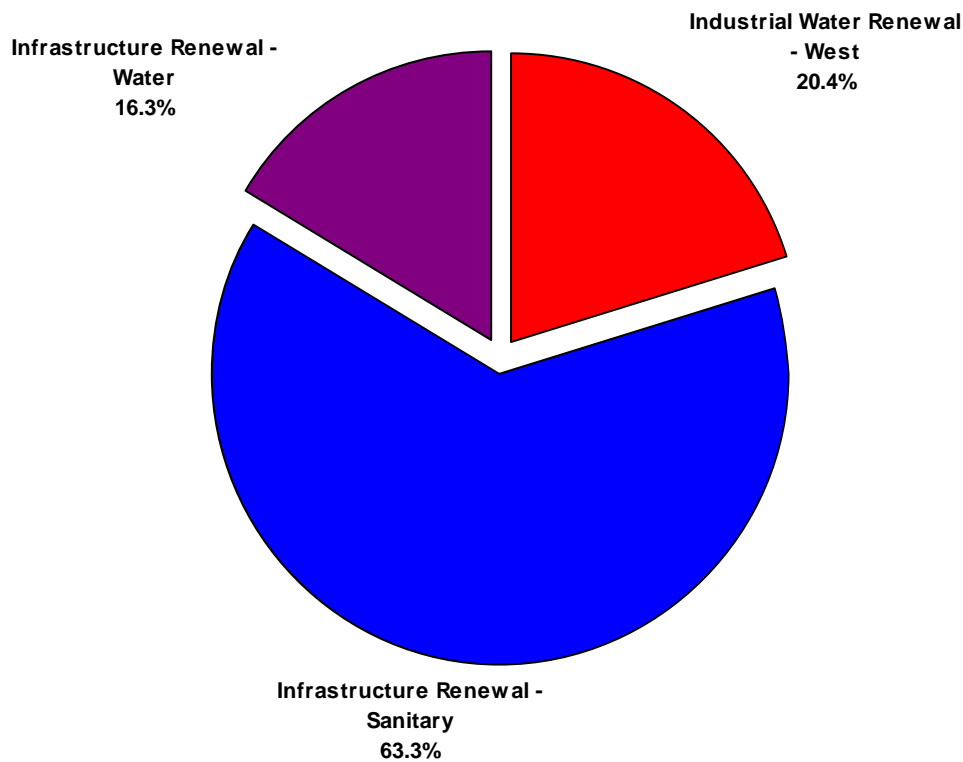
THE CITY OF SAINT JOHN
SAINT JOHN WATER
CAPITAL PROGRAM SUMMARY
W & S UTILITY FUND

22-Sep-21

Proposed Program Summary For - 2022

Category	No. of Projects	Other Share	Utility Share	Total
Industrial Water Renewal - West	2	\$0	\$1,325,000	\$1,325,000
Infrastructure Renewal - Sanitary	23	\$5,653,034	\$4,112,800	\$9,765,834
Infrastructure Renewal - Water	15	\$2,015,683	\$1,057,400	\$3,073,083
TOTALS:	40	\$7,668,717	\$6,495,200	\$14,163,917

Summary of Capital Costs (Utility Share)





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22-Sep-21

2022

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G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT
*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

This is a tentative program listing of proposed capital projects.
This list has not been approved by Common Council.
Priority assignments are subject to change at any time.

Industrial Water Renewal - West

Project	Location	Description	Other Share	Utility Share
Coleson Cove Raw Water Transmission Line	Spruce Lake to Coleson Cove	Road construction and replacement of three large culverts, including construction management services. Phase 2 of 2	0	675,000
Menzies Lake Dam	Menzies Lake Dam	Repair work and upgrade the access road and 3 existing earthen dykes and concrete control structure, including design and construction management services.		650,000
TOTAL:			\$0	\$1,325,000



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* Dominion Park Road	Lift Station A to Gravity Sewer	Install approx. 200m of a dedicated 100mm Forcemain for lift station A, including design and construction management services. Project to be funded under G.T.F.	215,000	0
* Garden Street	Coburg Street to City Road	Renew approx. 101m of 300mm, and 86m of 375mm T.C. sanitary sewers (Condition Grade of 3), including design and construction management services. Project to be partially funded under Bilateral Funding.	160,000	60,000
Honeysuckle Drainage Basin	Honeysuckle Drainage Basin	Concept Design and Investigation services for improvements in the Honeysuckle Drainage Basin.	0	75,000
* One Mile Lift Station	Rothesay Avenue at Russell Street	Supplemental Funding for a new pumping station, new screening channel structure and associated building to replace the existing pumping station that is at the end of asset life to provide for reliable collection of wastewater, including design and construction management services. Project to be funded under the G.T.F.	2,300,000	0
* Roof Replacements	Various SJW Facilities	Roof Replacements at several Saint John Water (SJW) facilities including the the Spruce Lake Pump Station, Millidgeville Wastewater Treatment Facility (MWWTF) and Eastern Wastewater Treatment Facility (EWWTF). Project to be partially Funded under the COVID-19 Resilience Infrastructure Fund	522,934	175,000
Thome Avenue Lift Station	Thome Avenue Lift Station	Purchase and installation of a new pump at the lift station.	0	300,000
Wastewater Treatment Plant Solid Waste Diversion Action Plan	Wastewater Treatment Plant	Develop a Solid Waste Diversion Action Plan to detail the preferred septage receiving system to be installed at one of the City's wastewater treatment facilities.	0	60,000
WWPS Simpson Drive	Simpson Drive	Engineering services to complete Concept Design for pumping Simpson Drive Lift Station directly to One Mile Lift Station or Thome Avenue Lift Station.	0	75,000
Structural lining	Various Locations	Structurally line and point repairs to sanitary sewers, including design and construction management services.	0	200,000



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* WWPS Beach Crescent	11 Beach Crescent	Reconstruct lift station above flood level to provide for reliable collection of wastewater, including design and construction management services, Phase B. Project partially funded under DMAF.	605,000	1,250,000
* Sydney Street	Broad Street to Broadview Avenue	Renew 55m of 200mm T.C. sanitary sewer, including design and construction management services. Project to be funded under Bilateral Funding.	43,800	16,200
WWPS WoodlawnPark	1335 Red Head Road	Replacement of wastewater lift station that is at the end of it's asset life to provide for reliable collection of wastewater, including construction management services.	0	525,000
* Lancaster Lagoon	Lancaster Lagoon	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. Full project envelope subject to the City obtaining DMAF funding.	550,000	825,000
Main Street	Through site of old Forum (Main Street to Kennedy Street)	Design services to review options to redirect flows down Main Street to the Bridge Street lift station.	0	100,000
* Mecklenburg Street	Wentworth Street to Crown Street	Renew approx. 265m of 600mm concrete with new 600mm sanitary sewer (Condition Grade of 2.5), including design and construction management services. Project to be partially funded under Bilateral Funding.	255,000	95,000
* Britain Street	Pitt Street to Wentworth Street	Renew 145 m of 300 mm T.C sanitary sewer (Condition Grade of 4 with a year in service of 1875), including design and construction management services. Project to be partially funded under Bilateral Funding.	120,000	45,000
* Pitt Street	St. James Street to Broad Street	Renew 155m of 375mm T.C. sanitary sewer (Condition Grade of 4), including design and construction management services. Project to be partially funded under Bilateral Funding.	130,000	50,000



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* St. James Street	Germain Street to Charlotte Street	Renew 125 m of 300mm and 375 mm T.C. sanitary sewer (Condition Grade of 4 with an in service year of 1878), including design and construction management services. Project to be partially funded under Bilateral Funding.	108,800	41,600
G&D* Charlotte Street	St. James Street to Lower Cove Loop	Renew 155 m of 525 mm Concrete sanitary sewer (Condition Grade of 1 with an in service year of 1965), including design and construction management services. Project to be partially funded under Bilateral Funding.	175,000	65,000
* Combined Sewer Separation Reduction Strategy - South / Central	South / Central	Completion of a strategy prioritizing the separation of combined sanitary and storm sewers for the central peninsula and giving an estimate for budget purposes. Project to be partially funded under Bilateral Funding.	187,500	70,000
G&D Hickey Road	At Little River bridge	Design Services for a SSO chamber and 25m of 450mm pipe for a new outfall on Hickey Road.	0	25,000
* Peters Street	Waterloo Street to Coburg Street	Renew approx. 190m of 300mm, and 375mm T.C. sanitary sewers (Condition Grade of 2.5 with an in service year of 1889), including design and construction management services. Project to be partially funded under Bilateral Funding.	160,000	60,000
* Rockland Road	Parks Street to Paradise Row	Renew 90 m of 300 mm T.C. sanitary sewers, including design and construction management services. Project to be funded under G.T.F.	120,000	0
TOTAL:			\$5,653,034	\$4,112,800



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Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
* Fleet Replacement	Various Locations	Fleet Replacement for Saint John Water. Project to be funded under Fleet Reserve.	624,483	0
* Garden Street	Coburg Street to City Road	Renew approx. 258m of 200mm C.I. watermain, including design and construction management services. Project to be partially funded under Bilateral Funding.	215,000	80,000
McAllister Drive	Mountain View Drive to Champlain Drive	Completion of a condition assessment of 450m of existing 300mm C.I. watermain for determination of remaining useful life of the asset.	0	75,000
Water Meters	Various Locations	Replacement of large commercial water meters, including design and construction management services. Phase (1 of 2)	0	100,000
Engineering Investigations and Design	Various locations	Funding for engineering investigations and design for various projects under the Water and Sanitary categories.	0	300,000
* Sydney Street	Broad Street to Broadview Avenue	Renew 85m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be funded under Bilateral Funding.	80,300	29,700
Facility and Asset Management	Various Municipal & Water Facilities	Asset Management Information System (AMIS)	0	175,000
* Mecklenburg Street	Wentworth Street to Crown Street	Renew approx. 265m of 200mm C.I. watermain, including design and construction management services. Project to be partially funded under Bilateral Funding.	220,000	80,000
* Britain Street	Pitt Street to Wentworth Street	Renew 145 m of 200 mm C.I. watermain (Service year is 1934), including design and construction management services. Project to be partially funded under Bilateral Funding.	120,000	45,000
* Pitt Street	St. James Street to Broad Street	Renew 155m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be partially funded under Bilateral Funding.	130,000	45,000
* St. James Street	Germain Street to Charlotte Street	Renew 140 m of 200 mm C.I. watermain (Service year is 1878), including design and construction management services. Project to be partially funded under Bilateral Funding.	115,900	42,700



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G&D* Charlotte Street	St. James Street to Lower Cove Loop	Renew 75 m of 200 mm C.I. watermain (Service year is 1965), including design and construction management services. Project to be partially funded under Bilateral Funding.	70,000	25,000
* Burpee Avenue	Rockland Road to Civic # 99	Renew approx. 95m of 250mm watermain, including design and construction management services. Project to be funded under G.T.F.	170,000	0
* Peters Street	Waterloo Street to Coburg Street	Renew approx. 190m of 200mm watermain , including design and construction management services. Project to be partially funded under Bilateral Funding.	160,000	60,000
* Rockland Road	Parks Street to Paradise Row	Renew 80 m of 200 mm C.I. watermain, including design and construction management services. Project to be funded under G.T.F.	110,000	0
<u>TOTAL:</u>			<u>\$2,015,683</u>	<u>\$1,057,400</u>