



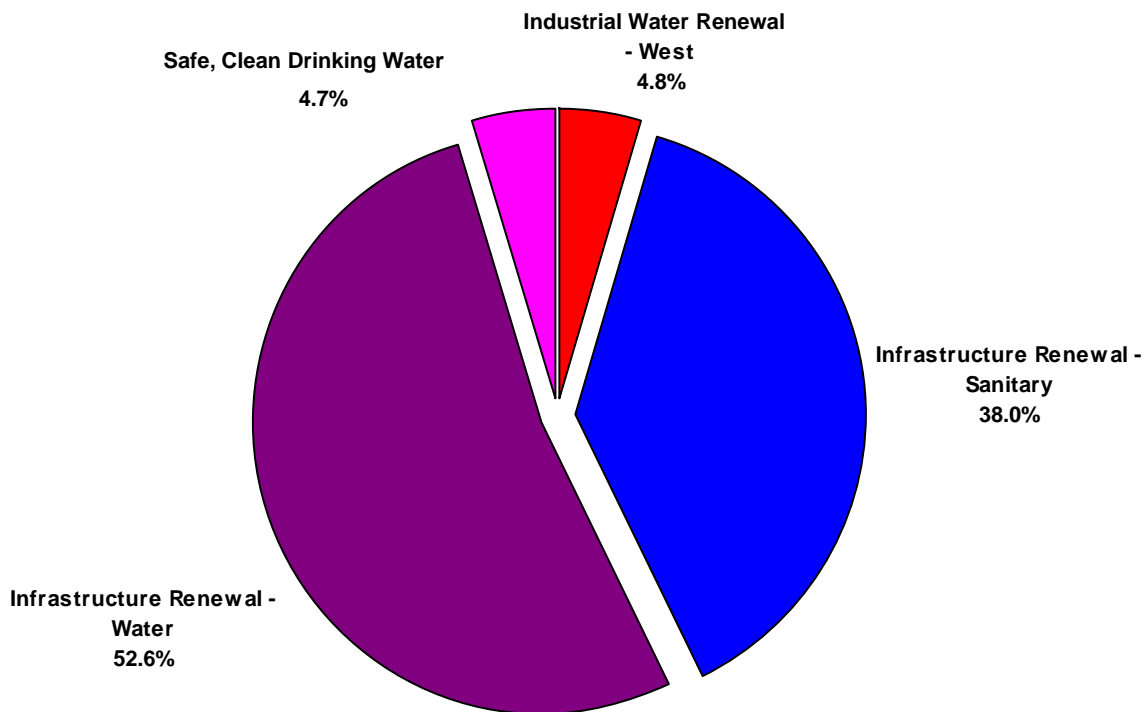
THE CITY OF SAINT JOHN
SAINT JOHN WATER
CAPITAL PROGRAM SUMMARY
W & S UTILITY FUND

13-Jul-18

Proposed Program Summary For - 2019

Category	No. of Projects	Other Share	Utility Share	Total
Industrial Water Renewal - West	2	\$225,000	\$225,000	\$450,000
Infrastructure Renewal - Sanitary	12	\$788,830	\$1,784,670	\$2,573,500
Infrastructure Renewal - Water	11	\$1,882,650	\$2,469,350	\$4,352,000
Safe, Clean Drinking Water	1	\$0	\$220,000	\$220,000
TOTALS:	26	\$2,896,480	\$4,699,020	\$7,595,500

Summary of Capital Costs (Utility Share)





THE CITY OF SAINT JOHN
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PROPOSED W & S FUND PROGRAM

13-Jul-18

2019

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PDH: PROVINCIALLY DESIGNATED HIGHWAYS
RDH: REGIONALLY DESIGNATED HIGHWAYS
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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
Floodplain Mapping	Musquash	Create floodplain mapping for the East Branch Musquash River, including modelling activities.	50,000	50,000
Musquash Water Pump Station	Musquash	Design of upgrade/reconstruction of water pump station including appropriate pump sizing, electrical modernizations and upgrades to eliminate flooding at station.	175,000	175,000
<u>TOTAL:</u>			<u>\$225,000</u>	<u>\$225,000</u>



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
Mitigation Plan	Saint John River	Mitigation plan to alleviate flood risks to Saint John Water infrastructure.	19,000	19,000
* Chipman Hill	King Street to Union Street	Renew 130 m of 300 mm and 375 mm T.C. sanitary sewers, including design and construction management services. Project to be partially funded under the Clean Water Wastewater Fund.	146,250	48,750
* Wentworth Street	Union Street to Elliott Row	Renew 90 m of 300 mm T.C. sanitary sewer, including design and construction management services. Project to be partially funded under the Clean Water Wastewater Fund.	75,000	25,000
Queen Square North	Charlotte Street to Sydney Street	Renew approx. 100m of 250mm T.C. with new 250mm sanitary sewer, including design and construction management services.	0	94,500
Mecklenburg Street	Wentworth Street to Sydney Street	Renew approx. 280m of 600mm concrete with new 600mm sanitary sewer, including construction management services.	0	324,000
Metcalf Street	Main Street to Lansdowne Avenue	Renew approx. 290m of 225mm and 300mm T.C. (1889 & 1895) with new 200mm and 300mm sanitary sewer, including construction management services	0	315,000
* Douglas Avenue	Civic 399 to 425	Install approx. 150m of 200mm and 27m of 150mm sanitary sewer, including land, design, and construction management services. Subject to successful funding from others.	198,000	99,000
G&D Beach Crescent Lift Station	Millidgeville Area	Separation of sewers to reduce overflows at the beach Crescent lift station, including design and construction management services. Subject to successful funding from others.	264,000	136,000
G&D Lakewood Heights Sanitary System	East of Hickey Road Pumping Station	Investigate and design a solution to eliminate sources of Inflow/Infiltration in the Sanitary sewer system, including design services.	0	430,000
G&D Millidgeville inflow and infiltration reduction strategy	Millidgeville Area	Inflow and infiltration reduction strategy for the Millidgeville area to regain the capacity of the Millidgeville Sewer Shed.	0	150,000
Wastewater Pumping	Prospect Street West at Walnut Street	Design for Pumping station, land acquisition, and required piping to direct flows to sewer on Main Street West for treatment.	0	100,000



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* St. James Street	Prince William Street to Germain Street	Renew 111 m of 250mm and 375 mm T.C. sanitary sewer (1876), including design and construction management services. Subject to successful funding from others.	86,580	43,420

TOTAL: \$788.830 \$1.784.670



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Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
Michael Crescent	Michael Crescent	Renewal of the service connection at the main in various locations to reduce the number of emergency breaks in the system, including construction management services.	0	424,000
Orthophosphate System	West	Design and construction of a permanent orthophosphate system for the west side, including construction management services.	0	296,000
Engineering Investigations and Design	Various locations	Funding for engineering investigations and design for various projects under the Water and Sanitary categories.	0	205,000
* Chipman Hill	King Street to Union Street	Renew 130 m of 200 mm and 300 mm C.I. watermain (1913), including design and construction management services. Project to be partially funded under the Clean Water Wastewater Fund.	157,500	52,500
* Wentworth Street	Union Street to Elliott Row	Renew 90 m of 300 mm watermain, including design and construction management services. Project to be partially funded under the Clean Water Wastewater Fund.	116,250	38,750
Queen Square North	Charlotte Street to Sydney Street	Renew approx. 136m of 150mm C.I. watermain, including design and construction management services.	0	135,000
Mecklenburg Street	Wentworth Street to Sydney Street	Renew approx. 280m of 200mm C.I. watermain, including construction management services.	0	279,000
Metcalf Street	Main Street to Lansdowne Avenue	Renew approx. 310m of 150mm C.I. with new 200mm watermain, including construction management services.	0	333,000
Ellerdale Street	Valley Street to other 200mm rider main 65m past Margaret Street	Install new 200mm watermain on Ellerdale Street to facilitate removal of services off the 400mm CPP Transmission Main, and repair all the holes on the 400mm transmission main where the services were removed, including design and construction management services.	0	650,000
* Watermain Cleaning and Lining Phase 16	Various locations	Cleaning and lining of existing unlined C.I. watermains to improve pressure, water quality, and fire flows. Project to be funded with remaining G.T.F. Funding from 2014-2018 program.	1,500,000	0



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Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
* St. James Street	Prince William Street to Germain Street	Renew 110 m of 250 mm C.I. watermain (1876), including design and construction management services. Subject to successful funding from others.	108,900	56,100

TOTAL: \$1,882,650 \$2,469,350



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Safe, Clean Drinking Water

Project	Location	Description	Other Share	Utility Share
Safe, Clean Drinking Water Program	TBD	Safe, Clean Drinking Water Program envelope for 2019.	0	220,000
<u>TOTAL:</u>			<u>\$0</u>	<u>\$220,000</u>