



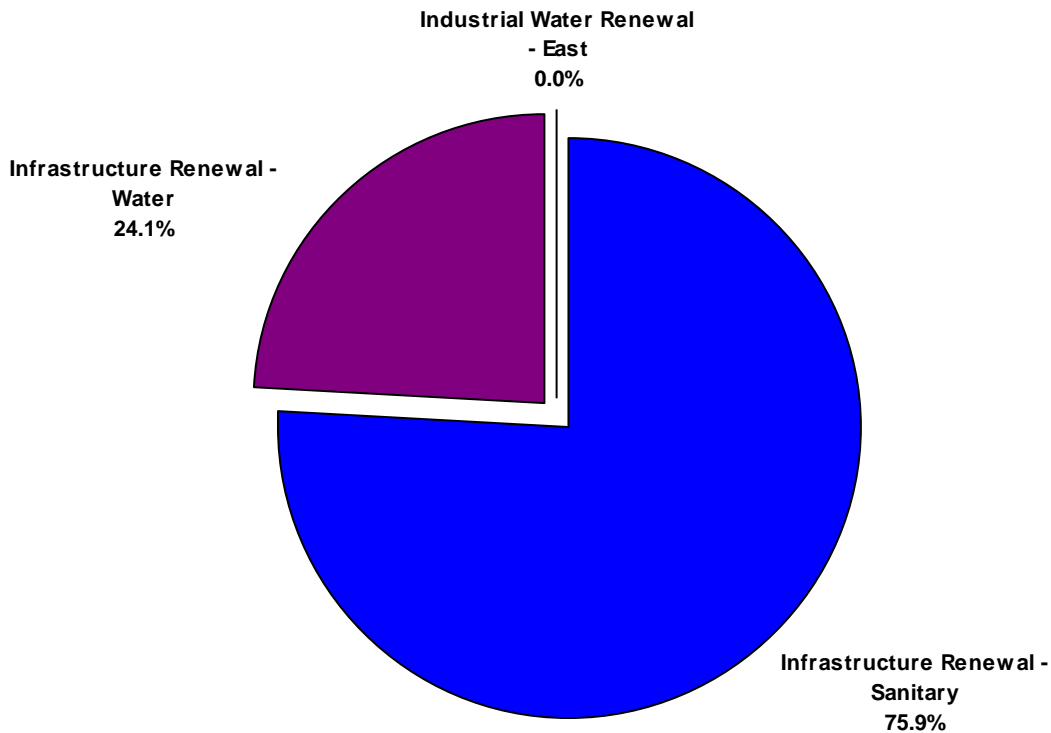
THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
CAPITAL PROGRAM SUMMARY  
W & S UTILITY FUND

15-Sep-22

**Proposed Program Summary For - 2024**

Category	No. of Projects	Other Share	Utility Share	Total
Industrial Water Renewal - East	1	\$144,000	\$0	\$144,000
Infrastructure Renewal - Sanitary	14	\$4,886,106	\$3,825,134	\$8,711,240
Infrastructure Renewal - Water	11	\$3,553,750	\$1,215,622	\$4,769,372
<b>TOTALS:</b>	<b>26</b>	<b>\$8,583,856</b>	<b>\$5,040,756</b>	<b>\$13,624,612</b>

**Summary of Capital Costs (Utility Share)**





**THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
PROPOSED W & S FUND PROGRAM**

15-Sep-22

**2024**

MDH: MUNICIPAL DESIGNATED HIGHWAYS  
 PDH: PROVINCIALLY DESIGNATED HIGHWAYS  
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 \*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

**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 - East**

<b>Project</b>	<b>Location</b>	<b>Description</b>	<b>Other Share</b>	<b>Utility Share</b>
* Loch Lomond Watershed	McBrien Lake Dams	Complete a geotechnical investigation and detailed design to upgrade an access road to McBrien Lake Dams (Phase 1 of 4)	144,000	0
<b><u>TOTAL:</u></b>			<b><u>\$144,000</u></b>	<b><u>\$0</u></b>



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## Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* Carmarthen Street	Leinster Street to Union Street	Renew 265m of 375mm T.C. sanitary sewer, including design and construction management services. Project to be funded under Bilateral Funding.	295,650	140,000
* Charlotte Street	Broad Street to Vulcan Street	Renew 210m of 300mm T.C. sanitary sewer, including design and construction management services. Project to be funded under Bilateral Funding.	222,650	106,000
* Combined Sewer Separation Strategy - North	North End	Completion of a strategy prioritizing the separation of combined sanitary and storm sewers for the Old North End of Saint John. Full project envelope subject to the City obtaining Bilateral funding.	110,000	40,000
* Douglas Avenue	Bentley Street to Civic # 400	Renew 525 m of 225 mm, 300 mm sanitary sewer (Condition Grade of 4), including design and construction management services. Project to be funded under CCBF.	900,000	0
* Lancaster Lagoon	Lancaster Lagoon	Construction 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. (Climate Change Adaptation Project) Project includes design and construction management services. Full project envelope subject to the City obtaining DMAF.	440,000	660,000
* Pitt Street	Orange Street to Mecklenburg Street	Renew 130m of 150mm and 300mm T.C. sanitary sewer (Condition Grade of 2), including design and construction management services. Project to be funded under Bilateral Funding.	116,800	55,000
* Queen Street	Germain Street to Charlotte Street	Renew 140m of 250mm T.C. sanitary sewer, including design and construction management services. Project to be funded under Bilateral Funding.	127,750	61,000
Rehabilitate Tide Flex	Lower Cove Loop	Rehabilitate existing tideflex outfall.	0	150,000
* St. James Street	Sydney Street to Charlotte Street	Renew 70 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 funded under Bilateral Funding.	61,200	30,000



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## Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* WWPS Kennedy Street	121 Kennedy Street	Retrofit lift station above flood level to provide for reliable collection of wastewater, including design and construction management services. (Climate Change Adaptation Project) Project to be partially funded under DMAF.	128,000	192,000
* WWPS Lift Station B	375 Dwyer Road	Reconstruct lift station that is at the end of it's asset life to provide for reliable collection of wastewater, including design and construction management services. Full project envelope subject to the City obtaining Bilateral funding.	588,400	215,000
* WWPS Millidge Avenue	1043 Millidge Avenue	Retrofit lift station above flood level to provide for reliable collection of wastewater, including construction management services. (Climate Change Adaptation Project) Project to be partially funded under DMAF.	186,500	280,000
* WWPS Walter Street	Walter Street	Reconstruct lift station that is at the end of it's asset life to provide for reliable collection of wastewater, including design and construction management services. Note: (Design only to consider potential future development flowing to station). Full project envelope subject to the City obtaining Bilateral funding.	588,400	215,000
* WWTP Millidgeville	Millidgeville WWTP	Construct 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.	1,120,756	1,681,134
<b>TOTAL:</b>			<b>\$4,886,106</b>	<b>\$3,825,134</b>



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## Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
* Carmarthen Street	Leinster Street to Union Street	Renew 95m of 300 mm C.I. and 170m of 400mm C.I. watermain with new 300mm and 400mm watermain, including construction management services. Project to be funded under Bilateral Funding.	416,100	266,000
* Charlotte Street	Broad Street to Vulcan Street	Renew 210m of 250 mm C.I. watermain with new 250mm watermain including a new water bottle filling station , including design and construction management services. Project to be funded under Bilateral Funding.	255,500	213,000
* Crown Street	Union Street to Paul Harris Street	Design and Inspection services for the renewal of the Water and Sewer for the street. Full project envelope subject to the City obtaining Bilateral funding.	260,000	97,000
* Douglas Avenue	Bentley Street to Civic # 400	Renew 525 m of 300 mm C.I. watermain, including design and construction management services. Project to be funded under CCBF.	1,575,000	0
Engineering Investigations and Design	Various locations	Funding for engineering investigations and design for various projects under the Water and Sanitary categories.	0	177,622
* Fleet Replacement	Various Locations	Fleet Replacement for Saint John Water. Project to be funded under Fleet Reserve.	475,000	0
* Leinster Street	Carmarthen Street to Crown Street	Design and Inspection services for the renewal of the Water and Sewer for the street. Full project envelope subject to the City obtaining Bilateral funding.	217,000	79,000
* Loch Lomond Watershed	McBrien Lake Dams	Complete a geotechnical investigation and detailed design to upgrade an access road to McBrien Lake Dams (Phase 1 of 4)	0	156,000
* Pitt Street	Orange Street to Mecklenburg Street	Renew 168m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be funded under Bilateral Funding.	149,650	96,000
* Queen Street	Germain Street to Charlotte Street	Renew 140m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be funded under Bilateral Funding.	131,400	84,000
* St. James Street	Sydney Street to Charlotte Street	Renew 90 m of 200 mm C.I. watermain (Service year is 1878), including design and construction management services. Project to be funded under Bilateral Funding.	74,100	47,000



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**Infrastructure Renewal - Water**

Project	Location	Description	Other Share	Utility Share
<b><u>TOTAL:</u></b>			<b><u>\$3,553,750</u></b>	<b><u>\$1,215,622</u></b>