Capital Budget 2022/23

Summary

Asset Category	Project Costs
Water - Land T O T A L	\$240,000
Water - Transmission T O T A L	\$15,999,000
Water - Distribution T O T A L	\$8,490,000
Water - Structures T O T A L	\$11,773,000
Water - Treatment Facilities T O T A L	\$3,165,000
Water - Energy T O T A L	\$200,000
Water - Security T O T A L	\$125,000
Water - Equipment T O T A L	\$135,000
Water - Corporate Projects - T O T A L	\$12,266,500
TOTAL - Water	\$52,393,500
Wastewater - Collection System T O T A L	\$11,823,000
Wastewater - Forcemains T O T A L	\$820,000
Wastewater Structures T O T A L	\$8,620,000
Wastewater - Treatment Facility T O T A L	\$10,872,000
Wastewater - Energy T O T A L	\$600,000
Wastewater - Security T O T A L	\$275,000
Wastewater - Equipment T O T A L	\$157,000
Wastewater - Corporate Projects T O T A L	\$12,387,000
TOTAL - Wastewater	\$45,554,000

Capital Budget 2022/23

Summary

Asset Category	Project Costs
Stormwater - Pipes T O T A L	\$3,406,000
Stormwater - Culverts T O T A L	\$2,366,000
Stormwater - Corporate Projects T O T A L	\$2,765,500
TOTAL - Stormwater	\$8,537,500
GRANDTOTAL	\$106,485,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	Water - Land	
3.033	Watershed Land Acquisition	\$100,000
3.656	Lake Major Road - Safety and Grading Improvements	\$140,000
	Water - Land T O T A L	\$240,000
	Water - Transmission	
3.042	Critical Valve Replacement Program	\$200,000
3.587	Prince Albert Road Transmission Main Replacement	\$100,000
3.554	North End Feeder Replacement - Design	\$200,000
3.571	Highway 118 Crossing - Shubie Park to Dartmouth Crossing	\$120,000
3.631	Transmission Main Upgrades - Churchill Drive Corridor	\$9,420,000
3.293	Peninsula Low North Transmission Main Replacement - Maritime Life and CN Crossing	\$75,000
3.553	Peninsula Intermediate Looping - Quinpool Rd to Young Street (Dublin St 2022)	\$1,622,000
3.679	Extension of Fall River to Bennery Lake - Concept Design Work	\$200,000
3.399	Cogswell Interchange - Water Transmission Main Realignments	\$2,530,000
3.657	Bedford to Burnside Transmission Main Phase 1 - Road Crossings/Casings Culvert Extension	\$880,000
3.550	Bedford to Burnside Transmission Main Phase 2 - Rock Trench Preparations	\$420,000
3.045	Bedford West CCC - Various Phases	\$30,000
3.261	Lakeside Timberlea CCC	\$7,000
3.343	Northgate Oversizing	\$145,000
3.232	MacIntosh Estates Phase 1 Oversizing	\$50,000
	Water - Transmission T O T A L	\$15,999,000
	Water - Distribution	
3.022	Water Distribution - Main Renewal Program	\$4,900,000
3.661	Watermain Rehabilitation Structural Lining Program	\$75,000
3.067	~ Valves Renewals	\$200,000
3.068	~ Hydrants Renewals	\$75,000
3.069	~ Service Lines Renewals	\$100,000
3.390	Lead Service Line Replacement Program	\$2,000,000
3.294	Automated Flushing Program	\$20,000
3.296	Water Sampling Station Relaocation Program	\$30,000
3.652	Jubilee Road CN Bridge Replacement - Watermain	\$400,000
3.670	Standardization of Hydrant Front Pumper Nozzles	\$175,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
3.584	Silversands WSP - Linear Main Extension Cow Bay Road	\$150,000
3.649	Silver Sands Water Meter Installation	\$250,000
3.687	Robie Control Chamber - Peninsula High PRV Installation	\$85,000
3.688	Little Salmon River Bridge Watermain Replacement	\$30,000
	Water - Distribution T O T A L	\$8,490,000

Capital Budget 2022/23

Water

Project Number	Project Name	Project Cost
	Water - Structures	-
3.601	PRV Valve Replacement Program	\$100,000
3.602	PRV Chamber - Electrical Panel Replacement Program	\$40,000
3.603	DMA - Meter Replacement Program	\$50,000
3.263	District Metered Areas (DMA) Program	\$100,000
3.455	Reservoir Mixing and Residuals Management Upgrade Program	\$300,000
3.623	Booster Station Building Envelope	\$30,000
3.606	Highway #7 Booster Station - Fire Pump Replacement	\$100,000
3.662	Fairview Clayton High Pressure Management Upgrades	\$150,000
3.663	Peninsula High Zone Pressure Management Upgrades	\$27,000
3.664	Robie 2 PRV Chamber Valve Replacement	\$25,000
3.667	Dartmouth - New Meter Replacement	\$110,000
3.358	Blue Mountain Meter Replacement	\$20,000
3.672	Pinehill Drive PRV Chamber Replacement	\$445,000
3.665	Removal of Underground Fuel Tanks - Leiblin, Parkdale and Rockmanor Booster Stations	\$50,000
3.681	Lake Lemont Back Up Supply Facility - Hazardous Material Assessment and Removal	\$90,000
3.477	Aerotech Booster Station Capital Upgrades	\$200,000
3.607	Condition Assessment - Miscellaneous Structures	\$75,000
3.583	PRV Chamber - Gallery Crescent - Sackville	\$295,000
3.528	Beaver Bank Booster Station - Pump Upgrade	\$250,000
3.590	Larry Uteck PRV Chamber - CSE Retrofit	\$60,000
3.591	Starboard Drive PRV Chamber - CSE Retrofit	\$60,000
3.592	Mount Edward PRV - CSE Retrofit	\$66,000
3.288	Akerley Reservoir Rehabilitation	\$7,430,000
3.453	Geizer 123 Reservoir Rehabilitation	\$200,000
3.641	Dam Safety Review - Chain Lake Dam - Capital Work	\$150,000
3.642	Dam Safety Review - Pockwock Lake Dam - Capital Work	\$950,000
3.640	Dam Safety Review - Capital Implementation Program	\$150,000
3.110	Mount Edward Gunite Reservoir Rehabiliation	\$150,000
3.605	Silverside Pumping Station Upgrades Construction	\$100,000
	Water - Structures T O T A L	\$11,773,000

Water - Treatment Facilities

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	J D Kline Water Supply Plant:	
3.604	JD Kline WSP - Pretreatment and Clarification - WSEP JDK-800.10	\$604,000
3.633	Program Management Fess and Expenses - WSEP JDK-MAJ	\$479,000
3.673	JD Kline WSP - Purchase Fluorescence Excitation Emission Matrix (FEEM) Analyzer	\$60,000
3.680	JD Kline WSP - Lime System Renewal	\$60,000
3.671	JD Kline WSP - Install In-Line Flow Cytometer	\$150,000
	Lake Major Water Supply Plant:	
3.618	Lake Major WSP - Clarification/Pretreatment - WSEP MAJ 800.15	\$500,000
3.158	Lake Major WSP - HVAC at the Low Lift Pumping Station	\$36,000
	Bennery Lake Water Supply Plant:	
3.692	Bennery Lake WSP - Lagoon Maintenance Study and Improvements	\$50,000
	Non-Urban Core WSP	
3.678	Groundwater Assessment - New Water Source for Middle Musquodoboit System	\$100,000
3.685	Collins Park WSP - New Chemical Storage Building	\$26,000
3.669	Purchase Algae Particle Counter	\$200,000
3.674	Pockwock Lake and Lake Major Stream gaging	\$250,000
3.682	Purchase Mobile Sonde Equipment	\$250,000
3.690	WSP Plants - Instrumentation and Controls Equipment Program	\$100,000
3.691	Pump and Equipment Overhauls Program for WSPs	\$200,000
3.694	Bayers Diversion Site Improvements	\$100,000
	Water - Treatment Facilities T O T A L	\$3,165,000
	Water - Energy	
3.635	Energy Management Capital Program (Water)	\$100,000
3.107	Chamber HVAC Retro-Commissioning Program	\$100,000
	Water - Energy T O T A L	\$200,000
	Water - Security	
4.009	Security Upgrade Program	\$50,000
3.683	Safety Equipment (Water)	\$75,000
	Water - Security T O T A L	\$125,000
	Water - Equipment	
3.101	Miscellaneous Equipment Replacement	\$50,000
3.689	Valve Maintenance Trailer - Purchase	\$85,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	Water - Equipment T O T A L	\$135,000
	Water - Corporate Projects - T O T A L	\$12,266,500
	GRAND TOTAL - WATER	\$52,393,500

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	Wastewater - Collection System	
2.168	Wastewater System - Trenchless Rehabilitation Program	\$2,410,000
2.839	Eastern Passage Gravity Pressure Sewer	\$300,000
2.107	Pier A Pumping Station - Gravity Maintenance Bypass	\$125,000
2.103	Jubilee Road CN Bridge Replacement - Wastewater	\$900,000
2.357	Manhole Renewals WW	\$60,000
2.358	Lateral Replacements WW (non-tree roots)	\$1,785,000
2.563	Lateral Replacements WW (tree roots)	\$570,000
2.223	Wet Weather Management Program	\$350,000
2.074	Bedford West Collection System CCC	\$25,000
	Integrated Projects - HRM	
2.052	Integrated Wastewater Projects - Program	\$1,420,000
2.692	Cogswell Redevelopment - Sewer Relocation	\$1,070,000
2.948	Meadowlands PS Elimination	\$90,000
2.356	Auburn Avenue PS Elimination	\$60,000
2.946	SSP - Bayers Road Pocket - Engineering Analysis	\$500,000
2.675	Bayers Road Phase 1 - Sewer Separation	\$55,000
2.835	LoWSCA: Canal Street Separation	\$184,000
2.982	Young Street Pocket - Sewer Separation - Route to Harbour	\$900,000
2.830	Eastern Passage RDII Reduction Program FMZ24	\$55,000
2.831	Eastern Passage RDII Reduction Program FMZ37	\$64,000
2.832	Mill Cove RDII Reduction Program FMZ07 & FMZ40	\$475,000
2.833	Mill Cove RDII Reduction Program FMZ10	\$50,000
2.834	Ellenvale area RDIi Reduction Program	\$80,000
2.585	Gottingen Cogswell: Linear Upgrade - Gottingen & Cogswell Area 2_GOT_G2	\$295,000
	Wastewater - Collection System T O T A L	\$11,823,000
	Wastewater - Forcemains	
2.887	Majestic Avenue Forcemain Replacement & Twinning	\$200,000
2.945	390 Waverley Road Forcemain Upgrades	\$420,000
2.993	Dingle FM Replacement & Twinning	\$75,000
2.102	Bissett Pumping Station - Force Main Section Replacement	\$125,000
	Wastewater - Forcemains T O T A L	\$820,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	Wastewater - Structures	
2.42	Emergency Pumping Station Pump replacements	\$250,000
2.442	Wastewater Pumping Station Component Replacement Program - West Region	\$200,000
2.443	Wastewater Pumping Station Component Replacement Program - East Region	\$200,000
2.444	Wastewater Pumping Station Component Replacement Program - Central Region	\$250,000
2.920	Herring Cove Pumping Station - Pump Replacements	\$900,000
2.1005	Roach's Pond Pumping Station - Storage Tank Condition Assessment	\$65,000
2.1009	Sackville Street CSO - Screen Rebuild	\$110,000
2.101	Upper Water Street CSO - Screen Rebuild	\$110,000
2.101	CSO Screens - PLC and HMI Upgrades	\$260,000
2.1013	Harbour Solutions Pumping Stations - PLC and HMI Upgrades	\$355,000
2.1014	Main Street Pumping Station (Golf View Drive) Upgrade	\$200,000
2.459	William's Lake PS Rehabilition	\$440,000
2.66	Bissett PS Component Upgrade	\$4,000,000
2.665	CSO Upgrade Program	\$300,000
2.1004	Pier A Pumping Station VFD Replacement	\$120,000
2.74	Duffus Pumping Station Replacement and CSO Modification	\$210,000
2.1006	Duffus Street Pumping Station - Pump Replacement	\$135,000
2.819	Pumping Station Oil Tank Replacements	\$60,000
2.654	PS Control Panel / Electrical Replacement	\$100,000
2.827	Wastewater Pumping Station Generator Plug/Switch Installations	\$105,000
2.005	Autoport Pleasant Street PS Replacement	\$250,000
	Wastewater Structures T O T A L	\$8,620,000
	Wastewater - Treatment Facility	
2.056	Plant Optimization Program	\$125,000
2.522	Emergency Wastewater Treatment Facility equipment replacements	\$500,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	Halifax Wastewater Treatment Facility:	
2.765	Raw Water Pump Refurbishment	\$55,000
2.773	Industrial Water System - Replacement	\$205,000
2.776	Sludge Dewatering - Fournier Press Upgrades	\$1,900,000
2.952	Replace Hydraulic System Controls	\$120,000
2.953	Wet Well - Stop Log Lifting System	\$50,000
2.954	Raw Water Pumps - VFD Replacement	\$120,000
2.955	VFD Replacement Program	\$100,000
2.956	Chemical Storage Area - Epoxy Floor	\$50,000
2.957	Fibre Optic System Upgrade	\$15,000
	Dartmouth Wastewater Treatment Facility:	
2.871	SS Pipe Work Replacement Program	\$200,000
2.790	Fournier Press - Sludge Dewatering Upgrade	\$100,000
2.959	UV Disinfection System - Replace Hydraulic System Controls	\$30,000
2.960	AHU Intake Heating Coil Replacement	\$55,000
2.961	AHU Fan Timing Belts	\$30,000
2.962	Garage Door Replacement	\$50,000
2.963	Fixed Gas Detector System Replacement	\$150,000
2.964	Hypo Storage Tank	\$20,000
2.965	Course Screens Replacement	\$500,000
2.958	Carbon Scrubber - FRP Exhaust Damper Replacement	\$60,000
	Herring Cove Wastewater Treatment Facility:	
2.801	Fine Screens - New Perforated Plate Screens	\$1,350,000
2.966	UV Disinfection System - Replace Hydraulic System Controls	\$30,000
2.967	Garage Door Refurbishment	\$30,000
2.968	Chemical Storage Areas - Epoxy Floors	\$30,000
2.968	Chemical Storage Area Upgrades	\$75,000
2.970	New Sludge Extraction Solids Analyzers	\$150,000
2.971	Replace Fournier Press Flywheel Covers	\$25,000
2.972	Grease Sprayers Integration into SCADA	\$50,000
2.973	Carbon Scrubber FRP Exhaust Damper Replacement	\$50,000
	Mill Cove Wastewater Treatment Facility:	

Capital Budget 2022/23

Project Number	Project Name	Project Cost
2.505	Asset Renewal Program	\$100,000
2.903	Dewatering - Centrifuge Rebuild Program	\$30,000
2.989	Headworks Splitter Box Valve Actuators	\$35,000
	Eastern Passage Wastewater Treatment Facility:	
2.808	New Yard Tractor	\$12,000
2.974	UV System UPS	\$80,000
2.975	Polymer Bay Heater Upgrades	\$15,000
2.976	Spare Centrifuge Conveyor Gear Box	\$10,000
2.977	Headworks Compressor & Air Dryer Replacement	\$20,000
	Aerotech Wastewater Treatment Facility:	
2.912	Lagoon - Fencing Repairs	\$20,000
2.983	Carbon Scrubbers - Media Repalcement	\$80,000
2.984	Dewatering - HVAC System Improvements	\$60,000
2.985	Centrate Diversion - Phase 2	\$270,000
	Timberlea Wastewater Treatment Facility:	
2.509	Asset Renewal Program	\$125,000
	Community Wastewater Treatment Facilities:	
2.05	Asset Renewal Program	\$175,000
2.986	Middle Musquodoboit WWTF - Electrical Upgrades	\$400,000
2.987	Middle Musquodoboit WWTF - Refurbish Polishing Pond Berms	\$75,000
	Biosolids Processing Facility:	
2.919	Gas Sensor Upgrade Program	\$15,000
2.924	CS1 - Screw & Liner Replacement	\$75,000
2.930	Facility Upgrade - Preliminary and Detailed Design	\$3,000,000
2.988	Biofilter - Slatted Floor Replacement	\$50,000
	Wastewater - Treatment Facility T O T A L	\$10,872,000
	Wastewater - Energy	
2.362	Energy Management Capital Program (Wastewater)	\$500,000
2.491	Pump Station HVAC Retro-Commissioning Program	\$100,000
	Wastewater - Energy T O T A L	\$600,000
	Wastewater - Security	
4.008	Security Upgrade Program	\$200,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
2.951	Safety Equipment (Wastewater)	\$75,000
	Wastewater - Security T O T A L	\$275,000
	Wastewater - Equipment	
2.451	Miscellaneous Equipment Replacement	\$120,000
2.1011	Video Nozzle - Sewer Jet	\$37,000
	Wastewater - Equipment T O T A L	\$157,000
	Wastewater - Corporate Projects T O T A L	\$12,387,000
	GRAND TOTAL - WASTEWATER	\$45,554,000

Capital Budget 2022/23

Stormwater

Project Number	Project Name	Project Cost
	Stormwater - Pipes	
1.038	Integrated Stormwater Projects - Program	\$1,200,000
1.102	Manhole Renewals SW	\$16,000
1.103	Catchbasin Renewals SW	\$65,000
1.135	Lateral Replacements SW	\$25,000
1.204	National Disaster Mitigation Program	\$50,000
1.145	Sullivan's Pond Storm Sewer System Replacement - Phase 2 Irishtown Rd to Harbour	\$150,000
1.247	Penhorn Lake Stormwater System Renewal	\$1,000,000
1.188	Cogswell Redevelopment - SW Sewer Relocation	\$900,000
	Stormwater - Pipes T O T A L	\$3,406,000
	Stormwater - Culverts/Ditches	
1.104	Driveway Culvert Replacements	\$1,200,000
1.279	Corss Road Culvert Replacement Program - Field discovery and operations construction	\$100,000
	Street Specific Culvert Replacements:	
1.260	43 Flat Lake Drive	\$25,000
1.261	39 Flat Lake Drive	\$30,000
1.262	9 Flat Lake Drive	\$30,000
1.263	1 Windsor Drive	\$25,000
1.264	51 Buckingham Drive	\$35,000
1.265	1 Cambridge Court	\$30,000
1.266	73 Kingsway Drive	\$30,000
1.267	22 Kingsway Drive	\$25,000
1.268	1 Arbutus Avenue	\$27,000
1.269	6 Iris Avenue	\$25,000
1.270	2 Primrose Avenue	\$25,000
1.214	Bundy Lane, near civic 79	\$66,000
1.215	Parkway Dr at Atholea Dr	\$65,000
1.216	Fredrick Dr at Dyke Rd	\$93,000
1.217	Millers Rd, near civic 1	\$81,000
1.271	Seabreeze Dr at Caldwell Rd	\$94,000
1.272	Shore Rd, near civic 2269	\$62,000
1.274	Rilley Rd, near civic 135	\$87,000

Capital Budget 2022/23

Stormwater

Project Number	Project Name	Project Cost
1.275	Wilfred Joseph Dr at Simmonds Rd	\$76,000
1.276	Old German Rd, near civic 10	\$70,000
1.278	Sime Crt, near civic 5	\$65,000
	Stormwater - Culverts/Ditches T O T A L	\$2,366,000
	Stormwater - Corporate Projects T O T A L	\$2,765,500
	GRAND TOTAL - STORMWATER	\$8,537,500

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	Corporate - Information Technology	
4.157	Asset Condition	\$190,000
4.151	Capital Planning	\$1,000,000
1.011	Computer Replacement Program	\$400,000
4.147	Document Management Sharepoint Rollout	\$300,000
4.149	Electronic Content Management Linkage	\$200,000
4.126	Full Enterprise Data Warehouse	\$300,000
4.153	General Analytic Tool	\$100,000
4.012	Network Upgrades	\$280,000
4.101	Mobile Devices and Applications	\$800,000
4.095	New CRM with Integration	\$500,000
4.048	SAP Rate Structure Support	\$220,000
4.15	Enterprise Resource Planning Solution	\$2,100,000
4.107	Customer Portal	\$200,000
4.152	Security Awareness	\$420,000
4.152	Vulnerability and Patch Management	\$190,000
4.152	Data Protection and Classification	\$900,000
4.152	Asset and Configuration Management	\$245,000
4.152	Identity and Access Management	\$150,000
4.152	Policy and Standards	\$135,000
4.152	Change Management	\$120,000
4.152	Authentication and Authorization	\$40,000
4.152	Risk Management	\$460,000
4.152	Third Party Risk Management	\$310,000
4.152	Continuity and Resilience	\$180,000
4.194	Explore Intelligent Water	\$260,000
4.195	New Service Account Compliance Program	\$430,000
	Corporate - Information Technology T O T A L	\$10,430,000
	Corporate - GIS	
4.04	GIS Data Program	\$250,000
4.115	GIS Data Build - Services (ICI)	\$150,000
4.01	Sewer Service Entry	\$150,000
4.116	GIS Data Project (CAD schematic retirement)	\$100,000
4.038	GIS Hardware/Software Program	\$50,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
4.039	GIS Application Support Program	\$150,000
4.105	GIS/Cityworks Upgrade Program	\$50,000
4.059	GIS Data Modelling	\$50,000
4.155	Stormwater Billing Imagery Acquisition and Analysis	\$150,000
4.198	Intelligent Water (GIS Initiatives)	\$50,000
	Corporate - GIS T O T A L	\$1,150,000
	Corporate - Asset Management	
2.872	Wastewater Sewer Condition Assessment	\$285,000
1.254	Storm Sewer Condition Assessment	\$125,000

Capital Budget 2022/23

4.158 Co 4.163 Ani 4.165 As: 4.168 Mo 4.113 Clii 4.183 Ani 4.184 Ins 4.185 Re 4.178 Mo 2.878 Wa	proprate Flow Monitoring Program Indition Assessment Program Inual Asset Management Plan Update Inual Asset Management Awareness Program Inual Enhancements Inual Unit Rates Review Inual Unit Rates Review Inual Unit Rates Review Inual Development Charge Program Implementation Indel Update and Calibration Insistence Assessment Program Implementation Indel Update Assessment Program Implementation Indicated Program Implementation Insistence Plan Insis	\$1,200,000 \$400,000 \$10,000 \$20,000 \$50,000 \$10,000 \$50,000 \$50,000 \$300,000 \$75,000
4.163 Ani 4.165 Ass 4.168 Mo 4.113 Clii 4.183 Ani 4.184 Ins 4.185 Re 4.178 Mo 2.878 Wa	nual Asset Management Plan Update set Management Awareness Program odel Enhancements mate Change Management Program nual Unit Rates Review stitutional Capacity Assessment Update agional Development Charge Program Implementation odel Update and Calibration astewater Treatment Facilities Compliance Plan	\$10,000 \$20,000 \$50,000 \$200,000 \$10,000 \$50,000 \$300,000 \$75,000 \$150,000
4.165 Ass 4.168 Mo 4.113 Cliii 4.183 Ani 4.184 Ins 4.185 Re 4.178 Mo 2.878 Wa	set Management Awareness Program odel Enhancements mate Change Management Program nual Unit Rates Review stitutional Capacity Assessment Update agional Development Charge Program Implementation odel Update and Calibration astewater Treatment Facilities Compliance Plan	\$20,000 \$50,000 \$200,000 \$10,000 \$50,000 \$300,000 \$75,000
4.168 Mo 4.113 Clii 4.183 Ani 4.184 Ins 4.185 Re 4.178 Mo 2.878 Wa	andel Enhancements mate Change Management Program nual Unit Rates Review stitutional Capacity Assessment Update agional Development Charge Program Implementation adel Update and Calibration astewater Treatment Facilities Compliance Plan	\$50,000 \$200,000 \$10,000 \$50,000 \$300,000 \$75,000 \$150,000
 4.113 Clin 4.183 Ann 4.184 Ins 4.185 Re 4.178 Mo 2.878 Wa 	mate Change Management Program nual Unit Rates Review stitutional Capacity Assessment Update agional Development Charge Program Implementation adel Update and Calibration astewater Treatment Facilities Compliance Plan	\$200,000 \$10,000 \$50,000 \$300,000 \$75,000 \$150,000
 4.183 Ani 4.184 Ins 4.185 Re 4.178 Mo 2.878 Wa 	nual Unit Rates Review stitutional Capacity Assessment Update gional Development Charge Program Implementation odel Update and Calibration astewater Treatment Facilities Compliance Plan	\$10,000 \$50,000 \$300,000 \$75,000 \$150,000
4.184 Ins4.185 Re4.178 Mo2.878 Wa	estitutional Capacity Assessment Update regional Development Charge Program Implementation redel Update and Calibration restewater Treatment Facilities Compliance Plan	\$50,000 \$300,000 \$75,000 \$150,000
4.185 Re 4.178 Mo 2.878 Wa	egional Development Charge Program Implementation odel Update and Calibration astewater Treatment Facilities Compliance Plan	\$300,000 \$75,000 \$150,000
4.178 Mo 2.878 Wa	odel Update and Calibration astewater Treatment Facilities Compliance Plan	\$75,000 \$150,000
2.878 Wa	astewater Treatment Facilities Compliance Plan	\$150,000
	·	
4.197 CS	O Management Study	
		\$50,000
1.496 Wa	ater Safety Plan	\$500,000
Co	orporate - Asset Management T O T A L	\$3,425,000
<u>Cc</u>	orporate - Facility	
4.187 Bu	rnside Operations Centre	\$9,000,000
4.077 Bui	ilding Capital Improvements	\$230,000
3.221 En	ergy Management Capital Program	\$100,000
Co	orporate - Facility T O T A L	\$9,330,000
<u>Cc</u>	orporate - SCADA & Other Equipment	
4.093 GP	PS Units - Replacement	\$45,000
4.189 Ce	entral Spread Spectrum Radio Network Replacement Program	\$40,000
4.191 I CS	S Cyber-Security Enhancements 2022-2023	\$105,000
4.192 P I	System Enhancements 2022-2023	\$150,000
4.193 AM	/II Communications Upgrade 2022/2023	\$30,000
4.190 SC	CADA Equipment Renewals 2022-2023	\$48,000
4.188 Wa	astewater Community Plant Scada Enhancements	\$26,000
4.154 Cu	stomer Meters - New and Replacement	\$530,000
Co	orporate - SCADA & Other Equipment T O T A L	\$974,000
Cc	orporate - Fleet	
4.006 Fle	eet Upgrade Program Stormwater	\$351,000
4.006 Fle	eet Upgrade Program Wastewater	\$1,404,000
4.007 Fle	eet Upgrade Program Water	\$355,000

Capital Budget 2022/23

Project Number	Project Name	Project Cost
	GRAND TOTAL - Corporate Projects	\$27,419,000
	ALLOCATION BREAKDOWN:	
	Water - Corporate Projects - T O T A L	\$12,266,500
	Wastewater - Corporate Projects T O T A L	\$12,387,000
	Stormwater - Corporate Projects T O T A L	\$2,765,500
	GRAND TOTAL - Corporate Projects	\$27,419,000

Capital Budget 2022/23

Summary of Routine Capital Expenditures included within Capital Budget

Project Number	Project Name	Project Cost	Asset Class
3.067	Valves Renewals	\$200,000	Water
3.068	Hydrants Renewals	\$75,000	Water
3.069	Service Lines Renewals	\$100,000	Water
3.390	Lead Service Line Replacement Program	\$2,000,000	Water
3.101	Miscellaneous Equipment Replacement (W)	\$50,000	Water
4.007	Fleet Upgrade Program Water	\$355,000	Water
2.357	Manhole Renewals WW	\$60,000	Wastewater
2.358	Lateral Replacements WW (non-tree roots)	\$1,785,000	Wastewater
2.563	Lateral Replacements WW (tree roots)	\$570,000	Wastewater
2.451	Miscellaneous Equipment Replacement (WW)	\$120,000	Wastewater
4.006	Fleet Upgrade Program Wastewater	\$1,404,000	Wastewater
1.102	Manhole Renewals SW	\$16,000	Stormwater
1.103	Catchbasin Renewals SW	\$65,000	Stormwater
1.135	Lateral Replacements SW	\$25,000	Stormwater
4.006	Fleet Upgrade Program Stormwater	\$351,000	Stormwater
4.011	Desktop Computer Replacement Program	\$400,000	Corporate
4.093	GPS Units - Replacement	\$45,000	Corporate
4.154	Customer Meters - New and Replacement	\$530,000	Corporate
4.012	Network Upgrades	\$280,000	Water & Wastewater
	GRAND TOTAL - Routine Capital Projects	\$8,431,000	