

CITY OF GREATER SUDBURY  
Reserve - Water Rate Holding Account  
Appendix B Table 8

	April 1 2021	January 1 2022	January 1 2023	Total
<b>Opening Balance</b>	<b>1,798,037</b>	<b>2,402,805</b>	<b>3,063,735</b>	
<b>Transfer to Holding Account - Project Surpluses - (Appendix B - Table 9)</b>				
<b>Water</b>				
Water Distribution	678,349	4,087,929	3,700,177	<b>8,466,456</b>
Water Facilities and Treatment Plants	523,497	858,500	440,004	<b>1,822,001</b>
Water Works General	-	-	1,538,236	<b>1,538,236</b>
	<b>1,201,846</b>	<b>4,946,429</b>	<b>5,678,418</b>	<b>11,826,693</b>
<b>Transfer from Holding Account - Project Deficits - (Appendix B - Table 10)</b>				
<b>Water</b>				
Water Distribution	110,826	25,000	32,711	<b>168,537</b>
Water Facilities and Treatment Plants	60,346	-	91,760	<b>152,106</b>
Water Works General	42,719	-	174	<b>42,894</b>
	<b>213,891</b>	<b>25,000</b>	<b>124,645</b>	<b>363,537</b>
<b>Transfer from Holding Account - CAO Approvals - (Appendix B - Table 11)</b>				
<b>Water</b>				
Water Distribution	-	2,183,000	-	<b>2,183,000</b>
Water Facilities and Treatment Plants	-	2,077,500	-	<b>2,077,500</b>
Water Works General	108,855	-	-	<b>108,855</b>
	<b>108,855</b>	<b>4,260,500</b>	<b>-</b>	<b>4,369,355</b>
<b>Transfer from Holding Account - Emergency Projects - (Appendix B - Table 12)</b>				
<b>Water</b>				
Water Distribution	-	-	-	-
Water Facilities and Treatment Plants	-	-	-	-
Water Works General	-	-	-	-
	-	-	-	-
<b>Internal Transfers - (Appendix B - Table 13)</b>				
	274,332	-	-	<b>274,332</b>
<b>Ending Balance - December 31</b>	<b>2,402,805</b>	<b>3,063,735</b>	<b>8,617,507</b>	

**Appendix B - Table 9- Contributions to Water Rate Holding Reserve (Project Surpluses)**

Year	Section	Subsection	Project Name	Contribution
2021	Water	Water Distribution	Creighton Road - School Street to Godfrey Drive	171,367
2021	Water	Water Distribution	Elgin Street - Ste. Anne Road to Larch Street	98,239
2021	Water	Water Distribution	First Avenue (Coniston) from Balsam Street to .5km South	129,567
2021	Water	Water Distribution	Kelly Lake Watermain	160,814
2021	Water	Water Distribution	Tarneaud Street - Howey Drive to South End	118,363
2021	Water	Water Facilities and Treatment Plants	Bulk & Residential Water Filling Station Upgrades (5)	215,356
2021	Water	Water Facilities and Treatment Plants	Onaping Wells - Install a Permanent Caustic Soda System	72,883
2021	Water	Water Facilities and Treatment Plants	Wanapitei WTP - Entrance Modifications	234,430
2021	Water	Water Facilities and Treatment Plants	Wells Inspection / Rehabilitation	828
				<b>1,201,846</b>
2022	Water	Water Distribution	Auger Avenue - Hawthorne Drive to Falconbridge Highway	494,239
2022	Water	Water Distribution	Barry Downe Road from Kingsway to Westmount Avenue (construction)	1,285,605
2022	Water	Water Distribution	Dean Avenue - Lorne to Landsend (construction)	192,000
2022	Water	Water Distribution	Laberge Lane (construction - lining)	390,163
2022	Water	Water Distribution	MR 24 - Anderson Drive to 2nd Avenue	450,000
2022	Water	Water Distribution	MR24 Trunk Watermain from Old Creighton Road to 12th Avenue (construction)	214,993
2022	Water	Water Distribution	Roy Avenue - Leon to Rinfret (construction)	376,000
2022	Water	Water Distribution	Watermain with Sewer & Roads	684,929
2022	Water	Water Facilities and Treatment Plants	Health and Safety Inspections and Upgrades (includes Prestart Health & Safety Reviews)	452,199
2022	Water	Water Facilities and Treatment Plants	Health and Safety Inspections and Upgrades (includes Prestart Health & Safety Reviews)	2,026
2022	Water	Water Facilities and Treatment Plants	Security Improvements (surveillance, fencing, alarms, keys)	353,275
2022	Water	Water Facilities and Treatment Plants	Wanapitei WTP - Entrance Modifications	1,000
2022	Water	Water Facilities and Treatment Plants	Water Facilities Health & Safety Upgrades	50,000
				<b>4,946,429</b>
2023	Water	Water Distribution	2016 Watermain Air Release Valve Installation & Replacement	126,542
2023	Water	Water Distribution	2017 Water Valve Replacement	11,938
2023	Water	Water Distribution	2017 Watermain Air Release Valve Installation & Replacement	68,942
2023	Water	Water Distribution	2018 Water Service Replacement	38,252
2023	Water	Water Distribution	2018 Watermain Air Release Valve	100,000
2023	Water	Water Distribution	2019 Distribution Support	14,503
2023	Water	Water Distribution	2019 Locates Program Administration (staffing)	25,015
2023	Water	Water Distribution	2019 Valve Inspection & Maintenance	200,000
2023	Water	Water Distribution	2019 Watermain Rehabilitation	511
2023	Water	Water Distribution	2019 Watermain Valve Replacement	100,000
2023	Water	Water Distribution	2019 Watermain with Roads	5,139
2023	Water	Water Distribution	2020 Distribution Support	94,292
2023	Water	Water Distribution	2020 Watermain Valve Replacement	200,000
2023	Water	Water Distribution	2021 Distribution Support	175,908
2023	Water	Water Distribution	Allen Street Bridge	18,343
2023	Water	Water Distribution	Annual Leak Detection	32,183
2023	Water	Water Distribution	Barrydowne - Westmount to Kingsway	231,718
2023	Water	Water Distribution	Boland, Lancaster, Windsor Booster & Associated Watermain Upgrades (Design)	927
2023	Water	Water Distribution	Contingency - Water	5,454
2023	Water	Water Distribution	Elm St-MacLachlan to Simcoe	86,059
2023	Water	Water Distribution	Fairburn Street - Barry Downe Road to East End	26,657
2023	Water	Water Distribution	Inspection/Rehab Service Contract	19,334
2023	Water	Water Distribution	Kingsway B.S Demolition/Moss & Montrose B.S. Control Upgrades	376,296
2023	Water	Water Distribution	Large Water Meter Replacement	100,000
2023	Water	Water Distribution	Preliminary Design for Future Projects - Water	2,216
2023	Water	Water Distribution	Preliminary Design for Subsequent Year Projects (Geotech, Surveys, Consultant Fees)	43,960
2023	Water	Water Distribution	Rita Street - Wilfred Street to Grace Street	40,118
2023	Water	Water Distribution	Valley Water System Looping / Storage (2009-2014) - Design	609,928
2023	Water	Water Distribution	Various Plant Repairs / Equipment Upgrades	42,490
2023	Water	Water Distribution	Various Watermain Priority Projects	840
2023	Water	Water Distribution	Various Watermain with Roads Priority Projects	11,592
2023	Water	Water Distribution	Vermillion Lake Bridge	85,883
2023	Water	Water Distribution	Westmount Ave - Barrydowne to Atlee	304,836
2023	Water	Water Distribution	Whitefish Looping & Rechlorination Facilities- Rechlorination Project	500,299

**Appendix B - Table 9- Contributions to Water Rate Holding Reserve (Project Surpluses)**

Year	Section	Subsection	Project Name	Contribution
2023	Water	Water Facilities and Treatment Plants	2018 Miscenaneous Plant Repairs	15,493
2023	Water	Water Facilities and Treatment Plants	2018 Security Improvements	17,883
2023	Water	Water Facilities and Treatment Plants	2018 Well Inspections and Rehabilitation	828
2023	Water	Water Facilities and Treatment Plants	2019 Water Facilities Condition Assessments	38,756
2023	Water	Water Facilities and Treatment Plants	2019 Water Facilities Repairs & Equipment Upgrades	80,721
2023	Water	Water Facilities and Treatment Plants	2019 Water Facilities Security Improvements	75,000
2023	Water	Water Facilities and Treatment Plants	Bulding Repairs / Upgrades- Construction	10,021
2023	Water	Water Facilities and Treatment Plants	David St Water Treatment-Plant Repairs	528
2023	Water	Water Facilities and Treatment Plants	David Street WTP - Various Plant Repairs / Equipment Replacement	467
2023	Water	Water Facilities and Treatment Plants	Security Improvements (surveillance, fencing, alarms, keys)	100,309
2023	Water	Water Facilities and Treatment Plants	Sentinel Well System	50,000
2023	Water	Water Facilities and Treatment Plants	Sentinel Well System - Operational Costs	50,000
2023	Water	Water Works General	2015 Source Protection Plan	26,039
2023	Water	Water Works General	2017 Strategic Planning	18,723
2023	Water	Water Works General	2018 Annual Condition Assessment	100,000
2023	Water	Water Works General	2018 Benchmarking & Water Festival - Contribution to Operating	16,642
2023	Water	Water Works General	2018 Distribution Health and Saftey	29,148
2023	Water	Water Works General	2018 Groundwater Monitoring Program - Annual	25,000
2023	Water	Water Works General	2019 Annual Condition Assessment	100,000
2023	Water	Water Works General	2019 Benchmarking Initiavites	25,000
2023	Water	Water Works General	2019 Distribution Health & Safety Equipment	100,000
2023	Water	Water Works General	2019 Source Protection Plan	191,164
2023	Water	Water Works General	2019 Strategic Planning	14,926
2023	Water	Water Works General	2020 Distribution Health and Saftey	65,000
2023	Water	Water Works General	2020 Water Facilities Condition Assessments	18,829
2023	Water	Water Works General	Annual SCADA / Communications Upgrades, All Facilities	287,412
2023	Water	Water Works General	Asset Management Plan	36,528
2023	Water	Water Works General	Asset Management Software	75,000
2023	Water	Water Works General	Backflow Cross- Connection Reduction	14,946
2023	Water	Water Works General	Business Plan	25,000
2023	Water	Water Works General	Cost Sharing Policy Applications - Water	14,843
2023	Water	Water Works General	Depot & Public Works Upgrades - Water	12,500
			Distribution Health & Safety Equipment (Lock Out / Tag Out / Trench Box/Confined Space Entry / Depot Improvements)	13,343
2023	Water	Water Works General	Facilities Design Manual	95,000
2023	Water	Water Works General	Operating Manuals & As-Builts	53,217
2023	Water	Water Works General	Operational Optimization Implementation Plan - Hydraulics	112,290
2023	Water	Water Works General	Strategic Planning (Tactical/Financial Plans)	53,122
2023	Water	Water Works General	Water Efficiency Plan	14,566
				<b>5,678,418</b>

**Appendix B - Table 10 - Draws from Water Rate Holding Account for Project Deficits**

Year	Section	Description	Draw
2021	Water Distribution	Coniston Industrial Park - Watermain upgrade	8,192
2021	Water Distribution	Maley Drive Watermain	99,975
2021	Water Distribution	Spruce Street - Regent Street to Travers Street	2,659
2021	Water Facilities and Treatment Plants	Montrose Booster Control Systems Upgrades	22,767
2021	Water Facilities and Treatment Plants	Val Caron Booster Upgrade	35,776
2021	Water Facilities and Treatment Plants	Well Facility Audit - Lionel, Riverside, Garson 1, 2 & 4	1,803
2021	Water Works General	Annual SCADA / Communications Upgrades, All Facilities	29,217
2021	Water Works General	Groundwater Studies	13,502
			<b>213,891</b>
2022	Water Distribution	Water Service Replacement	25,000
			<b>25,000</b>
2023	Water Distribution	2019 Water Service Replacement	470
2023	Water Distribution	2023 Watermain Rehabilitation	17,016
2023	Water Distribution	Leak Detection Program	491
2023	Water Distribution	Preliminary Design for Subsequent Year Projects (Geotech, Surveys, Consultant Fees)	14,553
2023	Water Distribution	Sparks Street from Barry Downe Road to Roy Avenue	182
2023	Water Facilities and Treatment Plants	2018 Val Caron Booster and Valve Building Upgrades	17,566
2023	Water Facilities and Treatment Plants	Benchmarking and Water Festival - Contribution to Operating David Street Water Treatment Plant - Upgrades - Vacuum, Piping Protection, Building Envelope, etc.	1
2023	Water Facilities and Treatment Plants	Val Caron Booster Upgrade	34,927
2023	Water Facilities and Treatment Plants	Valley Wells - Two New Wells	13,417
2023	Water Facilities and Treatment Plants	Valley Wells - Two New Wells	3,886
2023	Water Facilities and Treatment Plants	Well Facility Audit - Lionel, Riverside, Garson 1, 2 & 4	21,964
2023	Water Works General	Locates Program Administration	174
			<b>124,645</b>

**Appendix B - Table 11 - Council Approvals**

Year	Section	Description	Draw	Resolution	Report
2021	Water Works General	Municipal Easement Database Acquisition	125,000	FA2021-24-A22	2021 Business case
2021	Water Works General	Municipal Easement Database Acquisition	(16,145)		
2022	Water Distribution	Lively Sewers- Phase 2- Anderson Drive, from MR24 to Third	1,165,000	FA2022-50	Report entitled "Reallocation of Capital Budget (Water) and Capital Budget Policy Revision Request" from the General Manager, Growth and Infrastructure presented at Finance and Administration Committee on August 9, 2022.
2022	Water Distribution	Wanapitei Trunk Watermain	1,018,000	FA2022-50	
2022	Water Facilities and Treatment Plants	Wanapitei Water Treatment Plant Phase 3	857,500	FA2022-50	
2022	Water Facilities and Treatment Plants	Storage Tank-Booster Station Asset Renewal and Upgrade-Kingsway Booster Station Decommission	1,220,000	FA2022-50	
			<u>4,369,355</u>		

**Appendix B - Table 12 - Emergency Purchases**

Year	Section	Description	Draw	Explanation
			-	

**Appendix B - Table 13 - Internal Transfers**

Year	Description	Transfer
2021	Journal entry correction to reallocate draw for project deficit from Waste Water Holding Reserve to the Water Rate Holding Reserve.	(23,705)
2021	Transfer to the Water Rater Financing Reserve Fund to bring the Water Rate Holding Reserve to target balance.	298,037
		<u>274,332</u>