

## **Water Services**

Water Services ensures a safe, secure and sustainable water supply for our community including water used for residential, business, recreational and firefighting purposes. The delivery of a safe, reliable water supply is a 24-hour business.

### **Council responsibility as owner**

“The Safe Drinking Water Act, 2002 includes a statutory standard of care for individuals who have decision-making authority over municipal drinking water systems or who oversee the operating authority of the system.

It is important that members of municipal council and municipal officials with decision making authority over the drinking water system and oversight responsibilities over the accredited operating authority understand that they are personally liable, even if the drinking water system is operated by a corporate entity other than the municipality.”

(Excerpted from: Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils)

There are legal consequences for not acting as required by the standard of care, including possible fines or imprisonment.

Council members and senior staff received training on statutory standard of care, in December 2018 with the new term of Council at the Walkerton Clean Water Centre and this will be planned again for the incoming 2022-2025 Council.

### **Key functions**

Water Services is responsible for planning, design, construction, operation, maintenance and overall management of the water infrastructure assets. To meet these needs and to care for its infrastructure, the Water Services operating budget provides funding for the following key functions:

#### **Customer service and conservation**

- Customer service and support
- Utility administration and revenue management
- Staff training and development
- Compliance and conformance programs

### **Supply, treatment and protection**

- Provision of a secure, reliable and continuous supply of treated drinking water to the water distribution system.
- Implementation of programs to ensure operational and environmental compliance.
- Operation and maintenance of related infrastructure including disinfection systems, supply facilities, towers, pumping stations, and reservoirs.
- Management and replacement of water supply assets.

### **Distribution and metering**

- Provision of a secure, reliable, and continuous supply of treated drinking water to customers and for fire protection.
- Operation and maintenance of infrastructure including water mains, valves, hydrants and service lines.
- Installation of new water billing meters and replacement of aging meter assets.
- Emergency response and reactive infrastructure maintenance.
- Capital infrastructure condition assessments and remediation to support loss mitigation (e.g. leak detection studies of municipal watermains).

### **2021 Accomplishments**

- Construction of the Walker West Booster Pumping Station
- Purchase and installation of the North Tower Mixers
- Water Capacity Analysis performed by BM Ross and Associates
- Engineering complete on the Trunk Main replacement from Well 7&9 into Walkerton
- Replacement of the George Street Watermain
- New Chlorine Analyzer at Well 7&9
- New Surge Protector at the Chepstow Water Treatment Facility

### **2022 Initiatives**

#### **Our services**

Initiation of key water supply projects including:

- Completion of the Walker West Booster Pumping Station
- North Tower health and safety and coating repairs and replacement work
- Repair the watermain under the Saugeen River
- Replace the Trunk Main from Well 7&9 into Walkerton
- Replace the watermain on Yonge Street between Jackson and Durham Streets
- Complete an Infrastructure Needs Study in anticipation of more residential, commercial, and industrial growth in Walkerton

#### **Our people**

- Work closely with Veolia on the water supply services.
- Continued training and certification of licensed Water Services staff to support progressive licensing and continuous improvements within the Municipality's operations.

## Water Services

### Financial information

This budget represents 9.03 percent increase over 2021.

**Table 6, Revenue Budget Trend 2020 to 2022 (Water Services)**

Revenue	2019 budget	2020 approved budget	2021 draft budget	2021 budget change	2021 budget change
User fees and service charges	(\$1,199,719)	(\$1,223,243)	(\$1,283,498)	\$60,255	4.93%
Grants	(\$0)	(\$0)	(\$0)	(\$0)	0.00%
<b>Total revenue</b>	<b>(\$1,199,719)</b>	<b>(\$1,223,243)</b>	<b>(\$1,283,498)</b>	<b>\$60,255</b>	<b>4.93%</b>

### Explanation of changes

- \$60,255 increase in water consumption rate revenue, combination of increased consumption and increase in water rates of 3.8%

**Table 7, Expenditure Budget Trend 2019 to 2021 Water Services**

Expenditure	2019 budget	2020 approved budget	2021 draft budget	2021 budget change	2021 budget change
Salary, wage and benefits	\$80,395	\$76,942	\$83,655	\$6,713	8.72%
Maintenance	\$93,500	\$93,500	\$111,700	\$18,200	19.47%
General expenses	\$1,025,824	\$1,052,801	\$1,088,143	\$35,342	3.36%
<b>Total expenditures</b>	<b>\$1,199,719</b>	<b>\$1,223,243</b>	<b>\$1,283,498</b>	<b>\$60,255</b>	<b>4.93%</b>

**Explanation of changes**

- Increase due to new hardware required for water meter reading services and increase in operational costs.

**Table 8, Water Rate Trend 2019 to 2021**

Water Rate	2020	2021	2022	2022 change	2022 change
Water - connection	\$214.53	\$218.82	\$227.14	\$8.32	3.8%
Water - consumption	\$1.34	\$1.37	\$1.42	\$0.05	3.8%

**MUNICIPALITY OF BROCKTON  
OPERATING BUDGET FOR WATER SERVICES - EXPENSES  
FOR THE YEAR 2022**

OPERATING EXPENDITURES PARTICULARS	ACCOUNT NUMBER 01-3135	2020	2021		2022	% Increase
		ACTUAL	ACTUAL	BUDGETED	BUDGET	
Wages - Water	1200	52,701	44,507	60,350	64,942	7.61%
Wages - Public Works	1235	312	-	-	-	0.00%
Benefits - Water	1240	16,434	15,087	16,592	18,713	12.79%
Benefits - Public Works	1244	113	-	-	-	0.00%
Clothing Allowance	1260	-	-	200	200	0.00%
Mileage	1270	-	-	250	250	0.00%
Training & Seminars	1271	1,872	-	3,500	5,500	57.14%
Longterm Debt -Principal	1300	37,516	33,735	45,482	45,482	0.00%
Longterm Debt -Interest	1301	19,134	15,212	21,014	21,014	0.00%
Memberships	1303	125	110	1,500	1,500	0.00%
Supplies	1305	30,994	44,421	6,000	10,000	66.67%
Legal Services	1310	-	-	-	-	0.00%
Engineering Services	1317	15,867	23,857	63,000	183,000	190.48%
Payroll Process	1315	65	-	500	500	0.00%
Maintenance - Equipment	1320	4,255	431	20,000	32,200	61.00%
Maintenance - Grounds	1325	8,227	2,589	7,500	8,500	13.33%
Maintenance - Vehicle	1330	-	-	1,000	1,000	0.00%
Maintenance - Watermains	1334	62,879	42,119	65,000	70,000	7.69%
Maintenance - Samples	1336	-	130	-	-	0.00%
Postage	1340	4,897	4,953	5,500	6,000	9.09%
Service Agreements	1344	362,014	343,514	404,900	433,788	7.13%
Telephone	1350	874	512	874	874	0.00%
Fuel - Truck	1358	-	178	1,700	1,700	0.00%
Utilities-Hydro	1360	84,734	72,977	90,000	90,000	0.00%
Utilities-Natural Gas-Walkerton System	1365	-	-	-	-	0.00%
Utilities-Water	1366	762	232	400	400	0.00%
Insurance	1380	21,429	21,397	24,661	28,512	15.61%
Water Write-offs	1390	-	-	-	-	0.00%
Public Works Equipment Costs	1470	-	-	3,000	3,000	0.00%
Miscellaneous Expenses	1530	-	-	-	-	0.00%
Transfer to Capital Fund	1710	-	-	-	-	0.00%
Transfer to Reserve Fund	1720	450,339	-	364,900	256,423	-29.73%
Inter-Department Expense	1820	-	-	15,420	-	-100.00%
<b>OPERATING EXPENDITUES</b>		<b>1,175,545</b>	<b>665,961</b>	<b>1,223,243</b>	<b>1,283,498</b>	<b>4.93%</b>

**MUNICIPALITY OF BROCKTON  
OPERATING BUDGET FOR WATER SERVICE - REVENUE  
FOR THE YEAR 2022**

OPERATING PARTICULARS	ACCOUNT NUMBER 01-3135	2020	2021		2022	% Increase
		ACTUAL	ACTUAL	BUDGETED	BUDGET	
Ontario Grants	0126	-	-	-	-	0.00%
Licenses and Permits	0133	-	-	-	-	0.00%
Water Penalty-Walkerton	0135	4,201	4,854	-	-	0.00%
Transfer from Reserves	0141	-	-	-	-	0.00%
Transfer from Reserve Fund	0142	-	-	-	-	0.00%
Recoveries-disconnect/reconnections	0145	575	440	-	-	0.00%
Miscellaneous Revenue	0150	26,782	42,737	6,000	20,000	233.33%
Meter Revenue	0255	1,140,080	1,007,152	1,217,243	1,263,498	3.80%
Flat Rate no Meters	0256	3,907	3,877	-	-	0.00%
<b>OPERATING REVENUE</b>		<b>1,175,545</b>	<b>1,059,061</b>	<b>1,223,243</b>	<b>1,283,498</b>	<b>4.93%</b>
<b>TOTAL OPERATING</b>		<b>-</b>	<b>(393,100)</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>

**MUNICIPALITY OF BROCKTON  
CAPITAL BUDGET FOR WATER SERVICE - REVENUE  
FOR THE YEAR 2022**

CAPITAL PARTICULARS	ACCOUNT NUMBER 02-3135	2020	2021		2022	% Increase
		ACTUAL	ACTUAL	BUDGETED	BUDGET	
Purchase - Capital	1600	-	-	-	4,504,000	100.00%
PURCHASES-CAPITAL-SOUTH STANDPIPE PAINT	1603	-	12,383	-		0.00%
South Standpipe	1604	-	-	-		0.00%
Reconstruction - Thomas Street	1607	-	-	-		0.00%
WALKERTON WELL GENERATOR	1608	-	-	-		0.00%
CLASS EA BOOSTER STATION & ENGINEERING	1609	52,572	513,238	750,000		-100.00%
VFD NORTH TOWER	1610	12,491	-	-		0.00%
UV DISINFECTANT	1611	27,776	-	-		0.00%
HYDRANT REPLACEMENT	1612	16,955	-	-		0.00%
LAKE ROSALIND WELL #3 REPAIR	1613	54,323	-	-		0.00%
SCADA SERVER	1614	-	-	-		0.00%
Transfers to Reserve Fund	1720	-	-	-		0.00%
NORTH WATER TOWER FENCE	2000	-	-	5,000		-100.00%
WATER METER PURCHASE	2001	-	-	-		0.00%
WATER QUATITY REPORT (SWP)	2002	-	3,843	125,000		-100.00%
WATER MAIN - MCGIVERN STREET	2003	361,882	-	-		0.00%
CHEPSTOW TURBIDITY ANALYZER	2004	4,704	-	-		0.00%
CHEPSTOW SURGE PROTECTION	2005	2,216	-	6,000		-100.00%
<b>CAPITAL EXPENDITURES</b>		<b>532,919</b>	<b>529,464</b>	<b>886,000</b>	<b>4,504,000</b>	<b>408.35%</b>

CAPITAL PARTICULARS	ACCOUNT NUMBER 02-3135	2020	2021		2022	% Increase
		ACTUAL	ACTUAL	BUDGETED	BUDGET	
Ontario Grants	0126	-	-	-		0.00%
Grants - County/Municipal	0128	-	-	-		0.00%
Longterm Debt - bank	0129	-	-	-	2,980,000	100.00%
Transfer from Reserve Fund	0142	392,849	140,070	1,186,500	1,524,000	28.45%
Transfer from Revenue Fund	0143	-	-	-		0.00%
Unit Charges-Valleyside Condo Meters	0151	-	-	-		0.00%
Unit Charges-Local Improvements	0159	-	-	-		0.00%
<b>CAPITAL REVENUE</b>		<b>392,849</b>	<b>140,070</b>	<b>1,186,500</b>	<b>4,504,000</b>	<b>279.60%</b>
<b>TOTAL CAPITAL</b>		<b>140,070</b>	<b>389,395</b>	<b>(300,500)</b>	<b>-</b>	<b>100.00%</b>

<b>TOTAL WATER</b>		<b>140,070</b>	<b>(3,705)</b>	<b>(300,500)</b>	<b>-</b>	<b>100.00%</b>
--------------------	--	----------------	----------------	------------------	----------	----------------