



2023 Water Budget

The Corporation of the Township of Hamilton

Approved February 2, 2023



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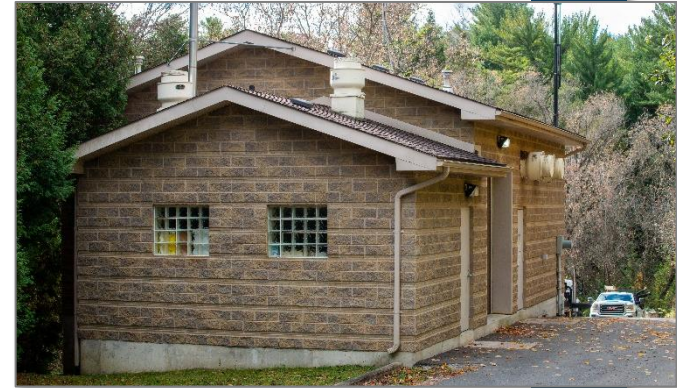
Water Operations Department

What We Do

The Water Operations department is responsible for the treatment and distribution of safe drinking water through compliance with all relevant Ontario legislation. The department is committed to continuous improvement initiatives and preventative maintenance to enhance the operation of our systems. In the Water Operation department staff are dedicated to provide the safest drinking water and utilize budget in the most efficient way.

2022 Accomplishments

- 100% grading on both Water Treatment Plant Annual Ministry Inspections for 2021 and 100% on the 2022 Annual Camborne Ministry Inspection. Creighton Heights 2022 Ministry Inspection is yet to be conducted
- Continued and intelligent Operations and Maintenance of our Water Treatment Systems to ensure continued and reliable supply of water to our customers. We meet and exceed regulatory requirements and continue to find ways to improve. We remain as the Township Drinking Water Operating Authority after



exhaustive and expensive review and RFP process

- Renewal of Creighton Heights 'Permit To Take Water', which is now valid until late July of 2032
- Renewed a Water Operator's license which is now valid until Sept of 2025
- Camborne water plant roof shingle replacement with steel roofing-under budget
- Inspection, rehabilitation and replacement of pump and motor for Well 7 at Creighton Heights. This has enhanced the reliability and supply of raw water to the treatment process. This work included replacement of the Well Level Sensor which was part of a previous Capital Project. Project cost was within budget



- Raw Water Quality Study underway with Walkerton Clean Water Centre (WCWC) to find ways to remove naturally occurring ammonia. By removing ammonia ahead of the treatment process, we will improve aesthetic quality of the drinking water. Project is ongoing
- Continued replacement of water meters in Creighton Heights and Camborne which will enhance water meter reading from a time intensive and inefficient task to a streamlined and quick task. Replacement of old meters also captures lost revenue
- Removed, inspected and rehabilitated Highlift Pump #3 as part of proactive maintenance. Rehabilitation and reinstallation has been completed and the pump is performing very well. Work completed under budget.
- Cement relining of ductile iron watermain on June Ave and Catherine St was completed in the Buttersfield Subdivision Distribution System. Lakefront Utilities had identified low residual and low pressure in the Catherine St watermain as well as rust complaints on June Ave and Catherine St. The ductile iron watermain is in very good condition with very little corrosion on inside or outside of the watermain. The watermain responded well to cleaning and relining with 'potable only' cement. Project completed within

Council approved budget and positive customer feedback.

2023 Priorities

- Replace Greensand and GAC media in Filter 2 at Creighton Heights as media is nearing end of life. Media is critical for removal of Manganese and Iron
- Continue to replace old and inaccurate water meters with Radio Frequency water meters





Significant Budgetary Items, Issues and Trends

- The 2023 Draft Budget considers the impact of inflationary increases as seen in the Canadian economy since 2021. The Canadian inflation rate on a year-over-year basis is 6.9% as reported by Statistics Canada for the month of October 2022. Heightened inflation continues to be embedded in the Canadian economy despite the Bank of Canada's aggressive interest rate increases in 2022. The Consumer Price Index (CPI) is a measure that is often recommended for municipal budgeting and forecasting. Significant variation between levy increases and inflation erodes financing capacity over the longer term. CPI reached a high of 8.1% in June 2022 - rising at the fastest rate in the past four decades.



The latest CPI measure is an improvement from 8.1%. However, this is not necessarily indicative of the composition of spending incurred by most municipalities. A significant proportion of the Township expenditures are related to capital and external services which can be more accurately predicted based on construction price indexes. These indexes reflect the changes in costs for construction materials and skilled and unskilled labour. The annual Non-residential Building Construction Index at the 3rd quarter of 2022, was 15.6% and 12.6% for Toronto and Ottawa, respectively.

- A large proportion of the Water Operation's budget are expenditures such as salaries / wages and benefits, contracts, insurance, and fuel. Many of these goods and services purchased by the Township are independent of the general rate of inflation and are impacted by other factors which may not be typical of household consumers and can exceed the CPI index.



- Legislative amendments resulting from *Bill 23, More Homes Built Faster Act* have significant impacts on Development Charges (DC). The shortfall in DC will need to be realized from other financing sources. Staff will bring forward a report to Council on recommended sources of financing for this shortfall. Some of the financial implications of *Bill 23, More Homes Built Faster Act* are:
 - Mandatory Phase-in of DCs for DC by-laws passed after January 1, 2022.
 - Transfer of burden from growth primarily to users.
 - Removal of Studies as eligible for DC's.
 - New Statutory Exemptions: Affordable and attainable units.

Impact of Minimal Levy Increase

- Potential for year-end deficit;
- Reduction in reserve contributions;
- Depletion of existing reserves;
- Increase in debt financing; and
- Service reductions.





2023 Draft Water Operating Budget

Water Budget Highlights

Table 1: Water Budget Highlights

	2022 Budget	2023 Draft Budget	Variance (Fav)/Unfav	Variance %
Expenditures				
Personnel	278,100	308,266	30,166	10.8%
Contribution to Reserve	150,517	131,777	(18,739)	-12.4%
Debt Payment to 3rd Party	10,976	79,200	68,224	621.6%
Other Expenditure	235,758	253,518	17,760	7.5%
Total Expenditures	675,351	772,761	97,410	14.4%
Revenues				
Contribution from Reserve	-	-	-	
Other Revenue	(675,351)	(772,761)	(97,410)	14.4%
Total Revenue	(675,351)	(772,761)	(97,410)	14.4%
Net Budget	0	0	0	

Table 2: Water Budget Highlights by Category

	2022 Approved Budget	Base	Annualization	Inflationary	Legislated	Reversal of One Time Reserve Funded Projects	New	2023 Draft Budget
Expenditures								
Personnel	278,100	30,166	-	-	-	-	-	308,266
Contribution to Reserve	150,517	(18,739)	-	-	-	-	-	131,777
Debt Payment to 3rd Party	10,976	68,224	-	-	-	-	-	79,200
Other Expenditure	235,758	14,360	-	3,400	-	-	-	253,518
Total Expenditures	675,351	94,010	-	3,400	-	-	-	772,761
Revenues								
Contribution from Reserve	0	-	-	-	-	-	-	-
Other Revenue	(675,351)	(97,410)	-	-	-	-	-	(772,761)
Total Revenue	(675,351)	(97,410)	0	0	0	0	0	(772,761)
Net Budget	0	(3,400)	0	3,400	0	0	0	0



Water Budget- Pressure Sheet

Table 3: Water Pressure Sheet (Part 1)

Budget Variance Explanations	2020 Actual	2021 Actual	2022 Preliminary Actual	2022 Budget	2023 Draft Budget	Incremental Changes	% Change Over Prior Year	Explanation
2022 Net Budget						0		
EXPENDITURES								
Personnel	231,462	275,402	240,713	278,100	308,266	30,166	10.8%	Due to step and benefit rate increases, as well as general cost of living increases; Allocation of Water Billing personnel cost to Water
Contribution to Reserve								
Water Admin								
TRANSFER TO WATER RESERVE	-	24,699	70,263	70,263	70,263	0		Debt payment to Township
TRANSFER TO WATER RATE STUDY RESERVE	10,000	10,000	10,000	10,000	10,000	0	0.0%	
TRANSFER TO CAPITAL RESERVE	-	28,260	28,260	28,260	29,634	1,374	4.9%	To fund Capital Projects
TRANSFER TO LUSI CAPITAL RESERVE	22,261	24,487	28,161	27,911	7,798	(20,113)	-72.1%	Water Rate Study forecasted transfer of \$66k in 2023 (phase in by 2027) Reduced to pay for Debt payment for June Ave/Catherine St watermain project
Debt Payment to 3rd Party								
CAPITAL LOAN AND INTEREST PAYMENT				10,976	79,200	68,224	621.6%	Capital loan/interest payment for 3rd party debt financing



Table 4: Water Pressure Sheet (Part 2)

Budget Variance Explanations	2020 Actual	2021 Actual	2022 Preliminary Actual	2022 Budget	2023 Draft Budget	Incremental Changes	% Change Over Prior Year	Explanation
Other Expenditure								
<u>Water Admin</u>								
MILEAGE & FUEL	2,253	3,969	6,848	2,500	8,000	5,500	220.0%	Increase in gas price and more use of Water vehicle by on call operator for responding to emergency call
OFFICE SUPPLIES	1,010	444	295	800	500	(300)	-37.5%	Aligned with actual
LAB SUPPLIES	5,608	4,077	6,269	5,100	6,500	1,400	27.5%	Aligned with actual
AUDIT - DWQMS	4,109	1,526	5,041	2,000	4,500	2,500	125.0%	External off-site audit
COURIER/POSTAGE	-	-	1,503	-	1,500	1,500		Postage for Water bill and notices sent out to water users
VEHICLE REPAIRS	3,605	1,412	194	3,000	2,000	(1,000)	-33.3%	Aligned with actual + contingency
GIS MAPPING	-	-	-	5,000	2,500	(2,500)	-50.0%	GIS is very current with minor improvements to be made
COMPUTER HARDWARE, SOFTWARE AND INTERNET	-	6,614	9,693	7,000	10,000	3,000		Neptune 360 program for reading RF meters
<u>Camborne</u>								
CHEMICAL SUPPLY	648	742	1,346	800	900	100	12.5%	Aligned with average actual
HYDRO	7,050	7,497	6,085	7,140	7,200	60	0.8%	Aligned with actual
HEATING FUEL	1,290	1,535	2,154	1,400	2,000	600	42.9%	Aligned with average actual
<u>Creighton Heights</u>								
CHEMICALS	13,375	13,210	14,255	13,000	15,000	2,000	15.4%	Aligned with projected actual + fuel surcharges are now being applied
HYDRO	59,330	51,934	55,178	58,500	60,000	1,500	2.6%	Aligned with projected actual
Total Expenditures Variance						94,010	14.4%	



Table 5: Water Pressure Sheet (Part 3)

Budget Variance Explanations	2020 Actual	2021 Actual	2022 Preliminary Actual	2022 Budget	2023 Draft Budget	Incremental Changes	% Change Over Prior Year	Explanation
REVENUES								
Other Revenue								
LUSI COST RECOVERIES	(22,261)	(24,487)	(28,161)	(27,911)	(32,098)	(4,187)	15.0%	Rate Increase
WATER BILLING	(340,546)	(395,073)	(341,940)	(482,376)	(554,732)	(72,356)	15.0%	Rate Increase
CAPITAL COST RECOVERY	(110,123)	(122,219)	(140,804)	(139,113)	(159,980)	(20,867)	15.0%	Rate Increase
Total Revenues Variance						(97,410)	14.4%	
BASE BUDGET INCREASE						(3,400)		
INFLATIONARY IMPACT								
INSURANCE	20,144	22,151	25,973	22,600	26,000	3,400	15.0%	Aligned with Actual + Rate Increase
INFLATIONARY IMPACT						3,400		
Incremental Change						0		
Net Budget						0		



2023 Draft Water Capital Budget

Table 6: Draft Water Capital Budget

Description of Capital Project	2023 Capital Budget Request	Reserve	Debt	Development Charges	Ontario Community Infrastructure Fund (OCIF)	Canada Community-Building Fund (CCBF)
WATER						
Media Replacement Creighton Heights Filter 2	21,000				(21,000)	
Water Meter Replacement	20,000	(20,000)				
Water Master Plan Study	150,000	(51,000)	(75,900)	(23,100)		
2023 Total Water Draft Capital Budget	41,000	(20,000)	-	-	(21,000)	-



Water Business Enhancement Requests

Request #1: Replace Greensand Media in Filter 2 at Creighton Heights

Project Name: Replace Greensand Media in Filter 2 at Creighton Heights

Submitted By: Anita Schoenleber, Water Operations Manager

Department: Water Operations

Estimated Date of Completion: 2023

Asset Name: Filter 2 Media

Table 7: Replace Greensand Media in Filter 2 at Creighton Heights Project Description and Justification

Project Description:	Replace Greensand Media in Filter 2 at Creighton Heights
Project Justification:	Routine replacement of media as existing media is near depletion. Testing results show poor removal of manganese which is the primary purpose of greensand media. Iron removal is also removed by greensand media. Iron removal is satisfactory at this point but will be improved with new media.



Table 8: Replace Greensand Media in Filter 2 at Creighton Heights Project Matrix

Criteria	Assessment (Low, Medium, High)	Comments
Safety Issues, Risk Management	High	Manganese removal is poor due to media that is near depletion. Manganese removal is necessary in drinking water
Legislative Requirement	Medium	Iron and Manganese are parameters that are very important to remove from the raw water source
Operational Saving, Short Payback	High	Improves customer satisfaction
Routine Replacement, Asset beyond lifecycle, Impact of delaying replacement	High	This is routine replacement and asset (the media) is near end of life. Monthly tests show poor manganese removal from water. Impact of delaying replacement will lead to higher manganese and iron in customers drinking water and thus may result in higher customer complaints
Growth Related		Not applicable
Service Enhancements	High	Improved drinking water for customers



Table 9: Replace Greensand Media in Filter 2 at Creighton Heights Project Costings

Cost	2023
Replace Greensand Media in Filter 2 at Creighton Heights	\$21,000
Total Expenditure	\$21,000

Table 10: Replace Greensand Media in Filter 2 at Creighton Heights Project Funding

Funding	2023
Ontario Community Infrastructure Fund (OCIF)	\$21,000
Total	\$21,000



Request #2: Water Meter Replacement Program

Project Name: Water Meter Replacement Program

Submitted By: Anita Schoenleber, Water Operations Manager

Department: Water Operations

Estimated Date of Completion: 2023

Asset Name: Not Applicable

Import ID: Not Applicable

Table 11: Water Meter Replacement Program Description and Justification

Project Description:	Water Meter Replacement Program
Project Justification:	<p>The Township currently has 563 metered water customers from which all our Water Revenue is derived. Roughly 80% of the meters can only be read with equipment that is obsolete, which if broken, will lead to inefficient averaging of water consumption for billing. Repair parts are increasingly difficult to secure.</p> <p>The Township has replaced approximately 100 of these meters to date. Our Water Operators spend roughly 40 hours during each billing quarter completing the water meter reads. These hours are often spread throughout a few weeks during each billing quarter due to other operational requirements that need to be completed.</p> <p>Upon project completion, once the remaining 455 meters are replaced, water meters could be read in less than four hours.</p> <p>Old water meters are responsible for loss of revenue</p>



Table 12: Water Meter Replacement Program Project Matrix

Criteria	Assessment (Low, Medium, High)	Comments
Safety Issues, Risk Management	Medium	Radio Reads will eliminate the requirement for walking property to property (slips, trips, falls, dog encounters etc.)
Legislative Requirement	Not Applicable	Not Applicable
Operational Saving, Short Payback	High	Meter reading would take roughly 5% of the current time required to complete. The other 95% of this time can be allocated to more operations and maintenance.
Routine Replacement, Asset beyond lifecycle, Impact of delaying replacement	High	The risk of losing our ability to read meters due to failed meter gun with few/no replacement parts available, results in the billing department having to estimate water consumption. This practice is inaccurate and inefficient. It leads to many unhappy customers and an inordinate amount of time spent by Staff to handle complaints
Growth Related	Not Applicable	Not Applicable
Service Enhancements	High	The entire water billing task could be completed in one day. Meter reads could be completed in approximately 4 hours, then downloaded directly into our accounting software and bills generated.



Table 13: Water Meter Replacement Program Project Matrix Capital Project Costing

Cost	2023
Water Meter Replacement	\$20,000
Total Expenditure	\$20,000

Table 14: Water Meter Replacement Program Project Matrix Capital Project Funding

Funding	2023
Water Capital Reserve	\$20,000
Total	\$20,000



2023 Reserve Fund and Debt Table

Table 15: Water Reserve Fund and Debt Table

<u>Description</u>	<u>Reserves & Reserve Funds</u> <u>Balances</u> <u>as of Dec. 31, 2021</u> <u>T-2022-14</u>	<u>Projected 2022 Ending Balance</u> <u>including Commitment</u>	<u>2023 OPERATING BUDGET</u>		<u>2023 CAPITAL BUDGET</u>		<u>Projected 2023</u> <u>Ending</u> <u>Balance</u>
			<u>Contribution to</u> <u>Reserve</u>	<u>Contribution from</u> <u>Reserve</u>	<u>Contribution to</u> <u>Reserve</u>	<u>Contribution from</u> <u>Reserve</u>	
HYDRANT RESERVE	(152,384)	(136,467)	(14,083)				(150,550)
LUSI CAPITAL FUND RESERVE	(68,812)	(6,723)	(7,798)				(14,521)
WATER CAPITAL RESERVE	(44,279)	(44,279)	(29,634)			20,000	(53,913)
WATER RESERVE	436,407	449,737	(70,263)				379,474
WATER RATE STUDY	(11,317)	(21,317)	(10,000)				(31,317)
WATER - UNFUNDED CAPITAL - KENNEDY RD	268,748	268,748					268,748
Water Reserve	428,364	509,700	(131,777)	-	-	20,000	397,922
<u>Description</u>	<u>2021 Approved Debt</u>	<u>2021-2022 Approved Debt</u>			<u>2023 Debt Request</u>	<u>Total Debt</u>	
3rd PARTY WATER DEBT APPROVED FOR CAPITAL PROJECTS	203,900	879,465			0	879,465	
2021 Approved Debt: \$203,900							
2022 Approved Debt: \$405,565							
2022 Approved Debt Post Budget Deliberation (WTR-2022-05): \$270,000							



2024-2030 Draft Water Capital Forecast

Table 16: 2024-2030 Water Capital Forecast

Description	2023 Draft Budget	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast
Creighton Heights Water Supply Master Plan Study		150,000						
Creighton Heights Media Replacement Filter 2	21,000							
Creighton Heights Valve and Equipment Replacements							345,000	
Creighton Heights – Distribution System Extension and Looping								234,000
Creighton Heights Roof and Site Repairs				169,000				
Creighton Heights – Generator Replacement		179,000						
Creighton Heights Highlift Pump removal inspection and repair (Highlift pumps to be inspected/rehabilitated, 1 pump per year)		21,000	21,000	21,000	21,000			
Camborne - Priority Electrical & Controls Upgrades		104,000						
Camborne - Electrical, Instrumentation and Controls Upgrades						252,000		
Camborne – Replace Filter Media		20,000						
Distribution System Preventative Maintenance			61,000					
Line Valve Replacement		10,000	10,000	10,000	10,000	10,000	10,000	10,000
Water Meter Upgrades	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Total Capital Expenditures excluding Ammonia Removal System	41,000	504,000	112,000	220,000	51,000	282,000	375,000	264,000
Creighton Heights – Engineering Design of Ammonia Removal System			318,000					
Creighton Heights – Construction of Ammonia Removal System					836,500	836,500		
Total Capital Expenditures including Ammonia Removal System	41,000	504,000	430,000	220,000	887,500	1,118,500	375,000	264,000
<i>Prior Year's Projection</i>	804,994	503,994	446,994	236,994	881,694	1,133,694	390,194	279,194
Difference from 2022 Projection	763,994	(6)	16,994	16,994	(5,806)	15,194	15,194	15,194



Final Thoughts

Thank you for taking the time to review the Township of Hamilton's 2023 Draft Water Budget Package.

Should you have any questions regarding the information presented in this package, please do not hesitate to contact the Treasurer.

Members of the public are also invited to attend any of the upcoming Public Budget Meetings to ask questions during Question Period and to stay engaged and up-to-date with the 2023 Budget conversation. The meetings will also be broadcast live on the [Township's YouTube Channel](#) and will be available online for viewing after the meetings as well.

The scheduled water budget meetings are:

- Special Council Budget Meeting #1
 - January 19, 2023 (10:00am to 4:00pm)
- Special Council Budget Meeting #2
 - February 2, 2023 (10:00am to 4:00pm)

To access budget meeting agendas and minutes, as well as any of the budget reports and presentations, please visit the [Township's Council Portal](#) or scan the QR Code below.

Member of Council / Staff	Contact Details
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Councillor Mark Lovshin	mlovshin@hamiltontownship.ca
Councillor John Davison	jdavison@hamiltontownship.ca
Councillor Bruce Buttar	bbuttar@hamiltontownship.ca
Treasurer Nusrat Ahmed	nahmed@hamiltontownship.ca





Schedule A: Line-by-Line Water Budget

	2021 Actuals	2022 Preliminary Actual	2022 Budget	2023 Draft Budget	\$ Increase	% Increase
Water			0			
Water Admin Revenues						
TRANSFERS FROM RESERVES	(19,268)		0	0	0	
Total Contribution from Reserve	(19,268)	0	0	0	0	
PENALTIES & INTEREST	(776)	(890)	(2,000)	(2,000)	0	0.0%
METER SALES	(1,027)	(5,287)	(3,500)	(3,500)	0	0.0%
OTHER RECOVERIES	(17,412)	(1,489)	(2,000)	(2,000)	0	0.0%
LUSI COST RECOVERIES	(24,487)	(28,161)	(27,911)	(32,098)	(4,187)	15.0%
Total Other Revenue	(43,702)	(35,826)	(35,411)	(39,598)	(4,187)	11.8%
Total Water Admin Revenues	(62,970)	(35,826)	(35,411)	(39,598)	(4,187)	11.8%
Water Admin Expenditures						
Total Water Salaries and Benefit Exp	275,402	240,713	278,100	308,266	30,166	10.8%
TRANSFER TO WATER RESERVE	24,699	70,263	70,263	70,263	0	0.0%
TRANSFER TO WATER RATE STUDY RESERVE	10,000	10,000	10,000	10,000	0	0.0%
TRANSFER TO CAPITAL RESERVE	28,260	28,260	28,260	29,634	1,374	4.9%
TRANSFER TO LUSI CAPITAL RESERVE	24,487	28,161	27,911	7,798	(20,113)	-72.1%
Total Contribution to Reserve	87,446	136,683	136,434	117,694	(18,739)	-13.7%
WATERWORKS SYS -INTEREST - UNFUNDED WATER DEFICITS		10,976	10,976	54,900	43,924	400.2%
WATERWORKS SYS -LUSI DEBT				24,300	24,300	
TRAINING	2,929	3,676	4,000	4,000	0	0.0%
MEMBERSHIPS	935	190	800	800	0	0.0%
MILEAGE & FUEL	3,969	6,848	2,500	8,000	5,500	220.0%
STAFF APPRECIATION	220	264	500	500	0	0.0%
OFFICE SUPPLIES	444	295	800	500	(300)	-37.5%
LAB SUPPLIES	4,077	6,269	5,100	6,500	1,400	27.5%
INSURANCE	22,151	25,973	22,600	26,000	3,400	15.0%
AUDIT - DWQMS	1,526	5,041	2,000	4,500	2,500	125.0%
TELEPHONE	964	1,038	800	800	0	0.0%
DISPATCHING SERVICES	824	826	850	850	0	0.0%
COURIER/POSTAGE		1,503	0	1,500	1,500	
SAMPLING	265	271	500	500	0	0.0%
CONTRACTED OUT	12,377	14,883	25,000	25,000	0	0.0%
MINOR CAPITAL	2,736	1,192	1,500	1,500	0	0.0%
VEHICLE REPAIRS	1,412	194	3,000	2,000	(1,000)	-33.3%
WRITE OFFS	0		500	500	0	0.0%
GIS MAPPING	0		5,000	2,500	(2,500)	-50.0%
CONSULTANT GENERAL	18,322	2,865	5,000	5,000	0	0.0%
COMPUTER HARDWARE, SOFTWARE AND INTERNET SUPPORT	6,614	9,693	7,000	10,000	3,000	42.9%
Total Other Expenditure	79,766	81,020	98,426	180,150	81,724	83.0%
Total Water Admin Operating Expenditures	442,614	458,416	512,960	606,110	93,150	18.2%
Net Water Admin	379,644	422,590	477,549	566,512	88,964	18.6%



2023 Budget Package

	2021 Actuals	2022 Preliminary Actual	2022 Budget	2023 Draft Budget	\$ Increase	% Increase
Camborne Water Revenues						
WATER BILLING	(58,270)	(45,092)	(57,481)	(66,103)	(8,622)	15.0%
CAPITAL COST RECOVERY	(15,169)	(17,445)	(16,697)	(19,201)	(2,505)	15.0%
Total Camborne Revenues	(71,439)	(62,536)	(74,177)	(85,304)	(11,127)	15.0%
Camborne Water Expenditures						
CHEMICAL SUPPLY	742	1,346	800	900	100	12.5%
HYDRO	7,497	6,085	7,140	7,200	60	0.8%
HEATING FUEL	1,535	2,154	1,400	2,000	600	42.9%
TELEPHONE	1,351	1,448	1,300	1,300	0	0.0%
SAMPLING	2,495	1,619	2,500	2,500	0	0.0%
LINE MAINT	23,881	13,759	20,000	20,000	0	0.0%
HOLDING TANK	440		500	500	0	0.0%
Total Camborne Water Other Expenditures	37,942	26,411	33,640	34,400	760	2.3%
Net Camborne Water	(33,497)	(36,126)	(40,537)	(50,904)	(10,367)	25.6%
Creighton Heights Revenues						
WATER BILLING	(338,803)	(296,848)	(424,895)	(488,629)	(63,734)	15.0%
CAPITAL COST RECOVERY	(107,050)	(123,359)	(122,416)	(140,779)	(18,362)	15.0%
Total Creighton Heights Water Revenue	(445,853)	(420,207)	(547,311)	(629,408)	(82,097)	15.0%
Creighton Heights Expenditures						
CHEMICALS	13,210	14,255	13,000	15,000	2,000	15.4%
HYDRO	51,934	55,178	58,500	60,000	1,500	2.6%
TELEPHONE	669	662	800	800	0	0.0%
SAMPLING	5,770	5,219	6,000	6,000	0	0.0%
LINE MAINTENANCE	26,153	11,567	30,000	30,000	0	0.0%
SCADA NETWORK	672	672	800	800	0	0.0%
HOLDING TANK	1,299	0	1,200	1,200	0	0.0%
Total Creighton Heights Water Expenditures	99,706	87,553	110,300	113,800	3,500	3.2%
Net Creighton Heights Water	(346,147)	(332,654)	(437,011)	(515,608)	(78,597)	18.0%
Hydrants						
AREA CHARGE HYDRANTS	(19,466)	(18,926)	(18,451)	(18,451)	0	0.0%
Total Revenue	(19,466)	(18,926)	(18,451)	(18,451)	0	0.0%
TRANSFER TO HYDRANT RESERVE	15,677	14,083	14,083	14,083	0	0.0%
Total Contribution to Reserve	15,677	14,083	14,083	14,083	0	0.0%
HYDRANT INSPECTIONS	3,789	9,443	4,368	4,368	0	0.0%
Total Other Expenditure	3,789	9,443	4,368	4,368	0	0.0%
Total Hydrants	0	4,600	0	0	0	0.0%



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