



Water and
Wastewater Budgets

2019

The City of Kenora, Ontario, Canada

Lake of the Woods
KENORA



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Water & Wastewater Operations

The City's water & wastewater operations through its water and wastewater system provide clean drinking water and treatment of wastewater to the City residents. Today, however, significant pockets of the City remain un-serviced by these operations. Extension of these services to the whole City is too costly, due to the topography, geology and size of these un-serviced areas within the community. Provision to extend service to these areas is possible only with funding through senior levels of government.

Since amalgamation on 1 January 2000, the City has run its Water & Wastewater operations as a separate utility, funding operations fully through user fees. For 2017, the City's water operations treated and distributed about 2.34 million cubic meters of clean water with a sewage treatment volume of 2.24 million cubic meters for the same period.

The City's water and wastewater operations are staffed by a complement of 23 full time employees. The staffing complement is represented by:

- 4 water treatment plant (WTP) operators;
- 3 wastewater treatment plant (WWTP) operators;
- 12 water and wastewater operators;
- 1 meter reader;
- 2 electricians; and
- 2 supervisors

In addition, the City uses staff from its roads department to supplement water & wastewater staffing as required for all excavations and water tank truck delivery.

Hiring and Certification of Employees

At the present time, employees are replaced as required. Under the current Ministry of Environment and Climate Change (MOECC) regulations, it takes a minimum of three (3) years to fully certify wastewater treatment employees and water / wastewater operators to the required class 2 based on the City's current water distribution and wastewater collection and treatment systems. Water treatment staff require four (4) years to become fully certified as the water treatment plant is designated as a class 3 treatment plant.

It should also be noted that in 2018, three of our Water & Wastewater Operators attended the annual Northwestern Ontario Water and Wastewater Conference (NWOWWC) in Thunder Bay where they won an Operators challenge and submitted a sample of our drinking water that won first place in a blind taste test.



System Information

Water & Wastewater Operations

Hiring and Certification of Employees



City of Kenora 2019 Water & Wastewater Budgets

Hiring and Certification of Employees (Cont.)

Current staffing Certifications are as follows:

Water Treatment Plant (WT Class 3)

- 1 – Class 4 Water Treatment
- 3 – Class 3 Water Treatment

Wastewater Treatment Plant (WWT Class 2)

- 1 - Class 2 Wastewater Treatment
- 2 - Class 1 Wastewater Treatment

Water Distribution & Wastewater Collection (WD 2 and WWC 2)

- 8 - Class 2 Water Distribution and Wastewater Collection
- 2 - Class 1 Water Distribution and Wastewater Collection
- 2 - Class OIT Water Distribution and Wastewater Collection
- 1 - Meter Reader



System Information

Hiring and Certification of Employees (Cont.)

Safe Drinking Water Act - What does it mean to the City?

The Municipal Drinking Water Licensing Program is the result of Ontario Regulation 188/07 made under the Safe Drinking Water Act (SDWA), 2002. This regulation was made in response to recommendations from Justice O'Connor's Part II Report of the Walkerton Inquiry.

Under this regulation, all municipalities that own municipal residential drinking water systems are required to have a Municipal Drinking Water License. This has replaced the previous system of Permits and Certificates of Approval (COA) issued by the Ministry of the Environment. Out of the two mandatory requirements for getting Drinking Water License, the first one is having an Operational Plan developed in accordance with the guidelines provided within the Drinking Water Quality Management Standard (DWQMS). The second is to ensure that an accredited authority be responsible for system operations. In order to become accredited, an

Safe Drinking Water Act- What Does it Mean to the City?

Safe Drinking Water Act - What does it mean to the City? (Cont.)

Operating Authority must establish and maintain a Quality Management System (QMS).

As both the Owner and the Operating Authority of our municipal drinking water system, the City of Kenora has already developed its QMS.

The current MOECC Municipal Drinking Water License (License Number 228-101, Issue # 2) was issued on March 29, 2016 and will expire on September 28, 2020.



City of Kenora 2019 Water & Wastewater Budgets

The current Certificate of Accreditation (Full Scope – Entire DWQMS, CERT – 0097531) issued on August 8, 2016 will be valid until its expiry date of August 5, 2019.

In addition to having an accredited QMS in place, the Drinking water Licensing Program also requires that municipalities complete and submit a long range Financial Plan for the Drinking Water System in accordance with Ontario Regulation 453/07. An updated plan is required every five years. The City hired BMA Management Consulting Inc (BMA) to develop its most recent long range financial plan. This plan was approved by Council in November 2015 and subsequently submitted in accordance with the SDWA 2002 and Ontario Regulation 453/07.



System Information

Existing Water & Wastewater Infrastructure

Infrastructure related to the City's Water & Wastewater operations includes over 140 km of water mains and services and 136 km of wastewater mains, as well as both water and wastewater treatment plants. Unique to Kenora from many other Northern municipalities, the City's topography has resulted in 5 water booster pumping stations for different pressure zones, 64 sewage pumping stations and maintenance of about 350 residential and business grinder pumps. This adds both to the complexity and costs of maintaining the Kenora water and wastewater distribution and collection systems. In addition, the City is also responsible for the ongoing repair and maintenance, as well as eventual replacement, of about 4,900 water services and about 4,800 wastewater service connections within its water system. This also includes operation and maintenance of some summer services, such as Coney Island's and Highway 17 West water and wastewater services. It should also be noted that there are 585 Fire hydrants within the City of Kenora. 552 of these are owned and maintained by the City of Kenora and 30 are owned privately.

Safe Drinking Water Act-
What Does it Mean to the
City? (Cont.)

Existing
Water & Wastewater
Infrastructure

The replacement of utility mains infrastructure is based on deteriorated piping, requiring replacement due to age and capacity. Sanitary mains can be televised to determine the current condition and remaining useful life. Unfortunately, the City is unable to televise water mains, the replacement of which must be based on the age of the infrastructure and the number of breaks and repairs required.

While the expected lifespan of mains is normally 50 years, the City currently has some water mains that are in excess of 100 years old. While the repair/leak frequency of these mains has not warranted their replacement yet, this does represent a significant area of financial and service interruption risk for the City. Timely and proactive repair and replacement of our aging infrastructure is critical to the effective operation of the water and wastewater system. The City's asset management plan will help the division to work on this area.





2019 Budget Highlights

The 2019 operating budget projects total combined revenues of \$9.8 million and expenditures of \$6.2 million, resulting in a system operating surplus of approximately \$3.6 million before local improvement revenues and capital expenditures. Proposed capital expenditures for 2019 are \$7.3 million of which \$1.4 million is expected to be debt financed. Larger value projects included in the 2019 capital expenditures are as follows:

- Wastewater Collection Program (\$1.3 million)
- First Street Development (\$1.4 million)
- Roof Replacement (\$.85 million)
- Sultana Pumping Station Electrical Upgrades (\$.5 million)
- Concrete Repair Works (\$.45 million)

Budget Overview

2019 Budget Highlights

Rate Structure

There continues to be a shortfall in ongoing water & wastewater system operations as a means of sufficiently funding ongoing system capital requirements. Options available to the city for this are few – reduce service levels and or expenditures, or increase revenues.

Rate Structure

A review of the City's existing infrastructure indicates a serious under spending with regards to the replacement of our aging water & wastewater systems. To compound this problem, new legislated requirements on water and wastewater dictate increased service requirements for the City. Based on current operations, the City cannot cut expenditures without compromising the safety and integrity of the water & wastewater operations, or the quality of the water produced. As such, service level reductions or decreased water & wastewater related expenditures are not viable options for the City.

In 2015, BMA updated the City's long range financial plan (including rate structure) for the City to provide strategies, principles, and policies to guide financial decision-making. The plan links together short and long range decisions and provides an understanding of the implications on operating budget, capital budget, reserves/debts, and assets. The City's goal is to ensure they can provide water/wastewater services on a sustainable basis.



Rate Structure (Cont.)

The City has been experiencing challenges with an underfunded program for replacement of existing assets as they come due for replacement. Accordingly, the City adopted an 8% increase in water and wastewater rates for 2017 and a further increase of 8% in 2018. Under the long range financial plan, rates are planned to be increased 5.5% in 2019, followed by 5.5% annually for the years 2020 and 2021. It should be noted that the BMA study projection ends in 2021 where it projects approximately \$4.5 from net operations in 2021. Currently the utility is not at this level for net operations with \$3.6 million projected for 2019. With the increases to the rate over the next few years a projection of \$4.4 million from operations is projected in 2021. It should also be noted that in our projection for 2022 and 2023, the rate increase was equal to projected inflation for that year, as the BMA study ended in 2021.

The expenditures used in the study by BMA did not include the substantial increases that the Ontario Energy Board recently released nor did they include the increase in staff recommended by the Organizational Review. This Five Year Plan does include these expenditures. Despite this, the City's forecast as included in this Five Year Plan, does start to generate reserves and slowly start to address the significant infrastructure deficit.

Actual and Projected System Funding Available

The accumulated water & wastewater system surpluses came under increased pressures during the post-amalgamation period. Historically, while the water and wastewater utility were run on a user pay basis, the ongoing revenues generated from these operations had never been fully adjusted to reflect the actual infrastructure costs of maintaining the system. In addition, increased regulation and requirements related to water and wastewater treatment in the Province have had a significant impact in the costs of running the water and wastewater operations.

The increases to the water & wastewater rates structure in accordance with the recommendations made under the Long Range Financial Plans as developed by BMA, have begun to address the infrastructure funding issue. The City is slowly building water & wastewater reserves, while allocating additional dollars to the related infrastructure spending. The table on the following page outlines the actual water & wastewater accumulated system funding available, for the past five years, as well as projected over the next five-year period.



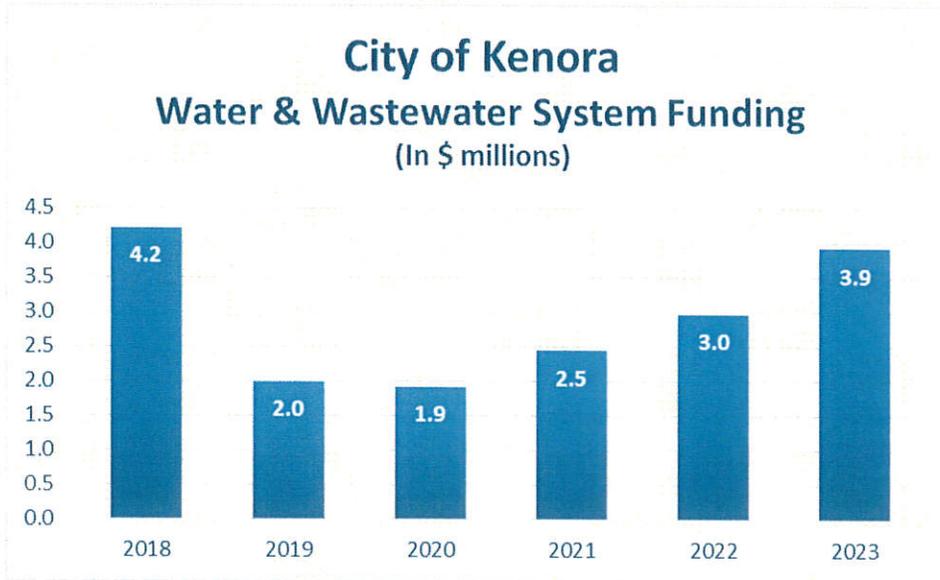
Budget Overview

Rate Structure (Cont.)

Actual and Projected System Funding Available



Actual and Projected System Funding Available (Cont.)



Budget Overview

Actual and Projected System Funding Available (Cont.)



Water Meter Program

The City currently manually reads its water meters on a monthly basis. Other options available to the City to read the water meters include upgrading meters to radio frequency (licensed or unlicensed) so they can be read from a vehicle (e.g. garbage truck), or upgrading to licensed frequency to allow meters to be compatible with the hydro's smart meter system. Implementation of one of these types of systems would need to be justified through a business case scenario before an allocation of capital dollars would be approved.



Discussion Items

Water Meter Program

Potential Risks

Treatment Plant Staffing

Both the water and wastewater treatment plants operate 24 hours a day, 365 days a year. The staffing complement for these facilities is only scheduled for 8 hours a day, 7 days a week. These plants are not manned outside of this 8-hour period. To provide effective cover within these plants for a 24/7/365 operation, the City would require an additional 7 staff per plant, representing a significant increase in cost for the City. This is currently not a recommended option, although it may become essential in the future to comply with pending legislated developments. At the moment, staff members are available after hours to handle emergency maintenance and repairs as required.

Potential Risks

Water Shed Source Protection

Currently there is no formal source protection plan on the Lake of the Woods water shed. Under the Clean Water Act, the Ontario Government may in the future initiate a Source Protection Plan. This would make the City, as one of the stakeholders, responsible to identify and participate on making a Source Protection Plan to control all potential hazards within an outlined area of the City's drinking water intake. Some of the potential hazards include: the septic systems on Coney Island; the Rat Portage sewage lagoons; pesticides from the Kenora Golf Club; possible accidental spills from running train carriages or derailments; recreational activities in summer; and contaminants from industrial locations upstream. The City should look to develop a plan and share responsibility with other users towards source protection.



Potential Risks (Cont.)

Taste and Odor issues in Summer

During the summer in August and September the City receives a number of consumer complaints regarding a musty and earthy odor in our drinking water system. The City believes this is due to excessive algal blooms in our water source (Lake of the Woods) during this time and has no impact on health or safety. Consideration should be given to the preparation of an action plan to address this matter. The City received a technical evaluation report from a consultant on taste and odor issues with the City's water system in 2016. The recommendations contained therein on taste and odor should be considered in future plans for the Water Treatment Plant.

Aging pumps and accessories at the wastewater pumping stations

Most of the major wastewater pumping stations are struggling with the older pumps that are already beyond their expected life cycle. Once the pumps break down, it is difficult and sometimes impossible to obtain spare parts. In addition to pumps other installations such as headers, pipes/fittings including some electrical and mechanical components are also in the end of life stage. The City has taken this issue as high priority one and always tries to allocate budget dollars every year for the most needed stations.

Replacement of the aging grinder pumps in phases

The water/wastewater division has the additional burden of maintaining about 350 grinder pumps in the system. Some of the grinder pumps were installed 25-30 years ago and maintenance of these pumps including the replacement of parts represents a significant cost to the division in both time and money. Currently, there are some cases where not only the pumps but also the other accessories are failing. There is a phased plan that has been put forward by management to raise additional revenues to help offset the maintenance costs for not only the grinder pumps but also the tanks (canisters) and other components.



Discussion Items

Potential Risks (Cont.)



Potential Risks (Cont.)

Pool of Seasonal Laborers

It is recommended to have a pool of 3 or 4 seasonal laborers under Operations to work for different departments as per the work load. For example, in case of water and wastewater division these seasonal workers can work for some labor intensive work like snow removal around hydrants in the winter, landscaping and valve identification programs in summer. Our current practice of using the certified water and wastewater operators to do this work leads to higher costs than necessary.

Looping of the Dead-end Water Mains

The freezing issues in winter and the quality concerns in summer mostly occur on or near the dead-end water mains with relatively low water circulation. The City must have a plan for looping these identified most vulnerable dead-end water mains.

Replacement of Critical Sections

All identified vulnerable locations with frequent breakdowns and which are in the worst shape must be replaced in phase wise basis before any major emergency happens. City has considered this as one of its priorities, and depending upon the funding available has tied such replacement/renovation activities with its annual water main and wastewater collection programs.



Discussion Items

Potential Risks (Cont.)





System Funding

Appendix 1



**CITY OF KENORA - WATER & WASTEWATER OPERATIONS
ANALYSIS OF SYSTEM FUNDING AVAILABLE - ACTUAL AND PROJECTED**

	2014	2015	2016	2017	2018
SEWER OPERATIONS					*
Sanitary System	1,705,583	1,869,702	2,376,031	2,842,870	3,178,503
Sewer Lift Stations	-259,436	-272,658	-457,973	-594,411	-584,507
Sewage Treatment Plant	-999,776	-1,028,664	-1,150,129	-1,037,435	-988,290
VEHICLES & EQUIPMENT	20,612	69,440	54,907	37,026	71,538
WATER OPERATIONS					
Waterworks	1,383,939	2,011,709	2,227,579	2,767,986	3,135,932
Water Standpipes & Booster Stns.	-42,674	-42,872	-48,478	-34,538	-50,539
Water Treatment Plant	-1,091,833	-1,079,354	-1,037,322	-1,051,180	-1,000,088
	716,414	1,527,302	1,964,615	2,930,318	3,762,548
OTHER IMPACTS					
Local Improvements Levy	77,185	37,643	37,643	37,643	37,643
Allocated to operating	-28,757	0	0	0	0
	764,842	1,564,945	2,002,258	2,967,961	3,800,191
SYSTEM FUNDING BALANCE					
Opening System Funding	848,393	453,690	1,496,723	2,813,497	3,831,485
	1,613,235	2,018,635	3,498,981	5,781,458	7,631,676
CAPITAL WORKS					
Funded through System Funding	-1,159,545	-521,912	-685,484	-1,949,973	-3,419,243
BALANCE - SYSTEM FUNDING	453,690	1,496,723	2,813,497	3,831,485	4,212,433

* Based on preliminary operating results and capital budget and prorated for months of the year not yet complete.

	2019	2020	2021	2022	2023
OPENING BALANCE	4,212,433	1,993,592	1,916,842	2,450,090	2,970,111
ACTIVITY					
Projected Operations	3,637,082	4,070,173	4,530,648	4,618,090	4,707,219
Local Improvements (mature 2020)	37,643	37,643			
Long Term Debt Impacts	-85,877	-166,406	260,321	260,321	260,321
Capital	-5,913,000	-4,068,000	-3,785,000	-3,899,000	-3,563,000
Interest on Reserve Funds Held	105,311	49,840	47,921	61,252	74,253
BALANCE - SYSTEM FUNDING	1,993,592	1,916,842	2,450,090	2,970,111	3,928,263



Operating Budget

Appendix 2



City of Kenora
Water & Wastewater
Operating Budget
2019

11-Dec-18

	Account	2016		2017		2018		2019	
		Budget	Actual	Budget	Actual	Budget	Prelim	Budget	Prelim
REVENUES									
User Charges & Funding		7,774,539	7,857,200	8,470,915	8,525,917	9,226,546	9,285,216	9,801,508	-
		7,774,539	7,857,200	8,470,915	8,525,917	9,226,546	9,285,216	9,801,508	-
EXPENDITURES									
Sewer									
Sanitary System	4110000	1,856,572	1,518,519	1,671,521	1,356,860	1,870,885	1,408,108	1,640,842	-
Sewer Lift Stations	4120000	232,000	457,973	379,358	594,411	604,585	584,507	598,892	-
Sewage Treatment Plant	4130000	1,128,735	1,150,129	1,081,945	1,037,435	1,099,697	988,290	1,159,719	-
		3,217,307	3,126,621	3,132,824	2,988,706	3,575,167	2,980,904	3,399,453	-
Water & Sewer Vehicles	4140000	-27,482	54,907	-14,954	37,026	-13,744	71,538	-14,593	-
Water									
Waterworks	4310000	1,508,075	1,735,071	1,713,477	1,558,201	1,643,068	1,562,674	1,676,363	-
Water Standpipes / Booster Station	4320000	39,000	48,478	79,500	34,538	69,000	50,539	60,000	-
Water Treatment Plant	4330000	1,090,048	1,037,322	1,083,366	1,051,180	1,037,640	1,000,088	1,043,203	-
		2,637,123	2,820,871	2,876,343	2,643,919	2,749,708	2,613,301	2,779,567	-
TOTAL EXPENDITURES		5,826,948	5,892,585	5,994,213	5,595,599	6,311,131	5,522,668	6,164,426	-
NET REVENUE (EXPENDITURE)		1,947,591	1,964,615	2,476,702	2,930,318	2,915,415	3,762,548	3,637,082	-

City of Kenora - Department Budget Request

411 - Sanitary System

Account	2017		2018		2019	
	Budget	Actual	Budget	Actual	Budget	Actual
Revenues						
Sanitary System Approp fr Reserve Fund	4110257	0	212,229	0	0	0
Sanitary System User Fee Residential Surcharge	4114730	4,096,530	4,123,706	4,481,869	3,773,048	4,772,073
Sanitary System User Fee Commercial Surcharge	4114731	69,500	67,338	60,000	38,719	50,000
Sanitary System User Fee Miscellaneous Charges	4114799	32,000	8,686	10,000	6,168	10,000
		4,198,030	4,411,958	4,551,869	3,817,935	4,832,073
Expenditures						
Roads Maintenance FT Wages	3116030	41,042	0	11,541	0	11,639
Roads Maintenance CPP	3116105	1,981	0	554	0	573
Roads Maintenance EI	3116110	667	0	188	0	190
Roads Maintenance EHT	3116115	798	0	225	0	227
Roads Maintenance Health Plan Contrib	3116120	3,204	0	882	0	879
Roads Maintenance OMERS	3116125	3,587	0	1,039	0	1,047
Roads Maintenance Insurance Contrib	3116130	1,618	0	485	0	489
Roads Maintenance WSIB	3116135	1,248	0	175	0	171
Roads Maintenance Misc Benefits	3116199	1,361	0	0	0	0
Sanitary System FT Wages	4116030	571,385	256,690	624,123	283,337	484,655
Sanitary System PT Wages	4116040	9,459	4,143	9,600	4,378	10,880
Sanitary System CPP	4116105	24,688	9,318	27,476	8,316	36,362
Sanitary System EI	4116110	9,226	3,711	10,094	3,625	7,798
Sanitary System EHT	4116115	11,326	5,498	12,358	4,529	9,654
Sanitary System Health Plan Contrib	4116120	37,400	36,415	38,844	19,116	29,241
Sanitary System OMERS	4116125	49,689	20,828	56,589	20,239	45,658
Sanitary System Insurance Contrib	4116130	20,592	8,977	23,563	6,584	17,660
Sanitary System WSIB	4116135	6,402	2,872	9,322	5,703	15,596
Sanitary System Misc Benefits	4116199	14,949	3,345	0	1,270	0
Sanitary System Sewer Mains FT Wages	4116911	0	87,305	85,000	107,707	0
Sanitary System Sewer Mains Contract Services	4116912	20,000	20,676	22,000	34,166	15,000
Sanitary System Sewer Mains Materials & Supplies	4116913	50,000	38,811	50,000	6,640	40,000
Sewer Mains Benefits	4116914	0	23,880	0	28,505	0
Sanitary System Sewer Mains Rent Own Equip	4116916	20,000	26,858	25,000	38,768	35,000
Sanitary System Pumping Stns Alloc After Hour Call	4116921	0	17,268	20,000	11,627	12,000
Sanitary System Pumping Stns Materials & Supplies	4116923	10,000	6,571	8,000	1,495	8,000
Sanitary System Pumping Stns Rent Own Equip	4116926	32,000	41,151	42,000	47,527	42,000
Sanitary System Pumping Stns Utilities	4116928	220,000	235,210	240,000	166,414	200,000
Sanitary System In-House Asphalt Repair Mat & Supp	4116933	0	24,223	0	0	20,000
Sanitary System Admin	4117020	108,776	108,776	111,508	111,508	111,158
Sanitary System Alloc Bill & Collect	4117021	144,292	144,292	195,244	139,309	219,469
Sanitary System Alloc Garage	4117047	83,465	83,465	82,993	82,993	84,579
Sanitary System Bad Debt	4117065	5,000	(9,084)	5,000	0	5,000
Sanitary System Computer Maintenance	4117090	38,000	47,664	47,000	43,692	51,700
Sanitary System Insurance	4117250	14,915	14,070	3,649	2,610	9,727
Sanitary System-Legal	4117300	0	9,896	0	0	0
Sanitary System Materials & Supplies	4117400	30,000	21,531	25,000	16,132	25,000
Sanitary System Misc	4117500	0	365	0	0	4,100
Sanitary System Building Rent	4117680	13,802	13,802	20,029	13,970	27,460
Sanitary System Rent Own Equip	4117700	28,000	13,607	14,000	18,725	20,000
Sanitary System Taxes & Licenses	4117820	25,448	27,792	26,235	27,451	25,930
Sanitary System Utilities	4117840	10,000	1,571	5,000	2,638	5,000
Sanitary System Training	4117850	6,000	5,363	6,000	5,668	6,000
Sanitary System Travel & Conference	4117900	1,200	0	1,200	24	1,000
		1,671,521	1,356,861	1,861,917	1,264,667	1,640,842
Net Total		2,526,509	3,055,098	2,689,952	2,553,268	3,191,231

City of Kenora - Department Budget Request

412 - General Sewer Lift Stations

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
nues							
Lift Station Approp fr Reserve Fund	4120257	0	948,107	0	0	0	
		0	948,107	0	0	0	
Expenditures							
Garage & Shop FT Wages	3926030	5,694	0	0	0	0	
Garage & Shop CPP	3926105	256	0	0	0	0	
Garage & Shop EI	3926110	93	0	0	0	0	
Garage & Shop EHT	3926115	111	0	0	0	0	
Garage & Shop Health Plan Contrib	3926120	413	0	0	0	0	
Garage & Shop OMERS	3926125	527	0	0	0	0	
Garage & Shop Insurance Contrib	3926130	225	0	0	0	0	
Garage & Shop WSIB	3926135	174	0	0	0	0	
Garage & Shop Misc Benefits	3926199	165	0	0	0	0	
Sanitary System FT Wages	4116030	0	0	153,805	0	196,902	
Sanitary System CPP	4116105	0	0	6,514	0	8,659	
Sanitary System EI	4116110	0	0	2,497	0	3,183	
Sanitary System EHT	4116115	0	0	2,999	0	3,840	
Sanitary System Health Plan Contrib	4116120	0	0	10,197	0	13,177	
Sanitary System OMERS	4116125	0	0	13,464	0	18,658	
Sanitary System Insurance Contrib	4116130	0	0	6,460	0	8,270	
Sanitary System WSIB	4116135	0	0	1,723	0	6,202	
Lift Station FT Wages	4126030	0	177,547	0	212,552	0	
Lift Stations General Benefits	4126104	0	52,735	0	68,240	0	
Lift Station Contract Services	4127110	50,000	28,912	50,000	19,987	40,000	
Lift Station Materials & Supplies	4127400	125,000	71,911	125,000	61,610	180,000	
Lift Station Utilities	4127840	0	14,590	0	10,580	15,000	
Lift Station Matheson St Materials & Supplies	4129023	2,500	164	2,000	2,699	0	
Lift Station 100 Main St FT Wages	4129031	0	0	0	164	0	
Lift Station 100 Main St Materials & Supplies	4129033	15,000	0	10,000	456	0	
Lift Station 8 Av S & Crk Materials & Supplies	4129043	15,000	4,380	7,000	5,682	0	
Lift Station Sultana Materials & Supplies	4129053	25,000	35,995	25,000	1,492	0	
Lift Station N Hamilton Materials & Supplies	4129063	4,000	2,221	24,000	18,705	0	
Lift Station Preston St FT Wages	4129071	0	90	0	0	0	
Lift Station Preston St Materials & Supplies	4129073	4,000	284	4,000	566	0	
Lift Station Govt Rd Norm Materials & Supplies	4129083	1,500	432	3,000	892	0	
Lift Station 1 Av W Norm Materials & Supplies	4129093	1,000	40	3,000	211	0	
Lift Station Tunnel Island Materials & Supplies	4129113	10,000	26,047	13,000	78	0	
Lift Station Subway Materials & Supplies	4129233	1,500	0	1,500	18	0	
Lift Station Kenora Jail Materials & Supplies	4129333	2,000	311	4,000	0	0	
Lift Station Ott St E End Materials & Supplies	4129433	3,000	1,717	3,000	500	0	
Lift Station Ott St W End Materials & Supplies	4129463	7,000	6,819	10,000	2,614	0	
Lift Station Govt Rd Cross Materials & Supplies	4129493	10,000	13,122	10,000	6,611	0	
Lift Station Mclean Ave Materials & Supplies	4129503	6,000	2,428	4,000	2,340	0	
Lift Station Redtt&Crawf FT Wages	4129521	0	120	0	101	0	
Lift Station Redtt&Crawf Materials & Supplies	4129523	1,000	238	2,000	870	0	
Lift Station Redtt&Crawf Benefits	4129524	0	33	0	28	0	
Lift Station Rab Lk Trlr Pk Materials & Supplies	4129533	1,200	821	2,000	48	0	
Lift Station Donbrock Dr FT Wages	4129561	0	0	0	50	0	
Lift Station Donbrock Dr Materials & Supplies	4129563	2,000	1,186	2,000	368	0	
Lift Station Odor Elim Materials & Supplies	4129573	15,000	18,056	20,000	18,465	20,000	
Lift Station Grind Pump FT Wages	4129581	0	28,036	0	14,254	0	
Lift Station Grind Pump Materials & Supplies	4129583	70,000	91,183	80,000	61,399	80,000	
Lift Station Grind Pump Benefits	4129584	0	6,738	0	3,012	0	
Lift Station Grind Pump Rent Own Equip	4129586	0	8,257	0	5,265	5,000	
		379,358	594,411	602,159	519,861	598,892	0
Net Total		(379,358)	353,696	(602,159)	(519,861)	(598,892)	0

City of Kenora - Department Budget Request

413 - Sewage Treatment Plant

Account	2017		2018		2019	
	Budget	Actual	Budget	Actual	Budget	Actual
Revenues						
STP Approp Fr Reserves	4130057	0	0	0	0	0
STP Approp fr Reserve Fund	4130257	0	57,027	0	0	0
		0	57,027	0	0	0
Expenditures						
Garage & Shop FT Wages	3926030	3,021	0	0	0	0
Garage & Shop CPP	3926105	128	0	0	0	0
Garage & Shop EI	3926110	49	0	0	0	0
Garage & Shop EHT	3926115	59	0	0	0	0
Garage & Shop Health Plan Contrib	3926120	206	0	0	0	0
Garage & Shop OMERS	3926125	286	0	0	0	0
Garage & Shop Insurance Contrib	3926130	119	0	0	0	0
Garage & Shop WSIB	3926135	92	0	0	0	0
Garage & Shop Misc Benefits	3926199	83	0	0	0	0
Sanitary System FT Wages	4116030	0	0	10,428	0	10,428
Sanitary System CPP	4116105	0	0	516	0	532
Sanitary System EI	4116110	0	0	170	0	170
Sanitary System EHT	4116115	0	0	203	0	203
Sanitary System OMERS	4116125	0	0	939	0	939
Sanitary System WSIB	4116135	0	0	117	0	328
STP FT Wages	4136030	189,280	212,753	246,584	223,686	252,200
STP PT Wages	4136040	0	516	0	0	0
STP CPP	4136105	7,692	7,889	10,375	9,518	11,867
STP EI	4136110	3,027	3,289	3,972	4,040	4,111
STP EHT	4136115	3,691	4,233	4,808	4,465	4,918
STP Health Plan Contrib	4136120	9,749	11,862	15,213	16,667	16,338
STP OMERS	4136125	18,344	20,535	23,561	22,218	23,976
STP Insurance Contrib	4136130	7,482	7,616	10,357	8,438	10,592
STP WSIB	4136135	2,025	2,347	2,762	5,445	7,944
STP Misc Benefits	4136199	4,950	603	0	200	0
STP Chemicals	4137068	20,000	16,935	20,000	16,585	24,000
STP Contract Services	4137110	12,000	13,421	15,000	12,563	15,000
STP Insurance	4137250	8,878	5,725	2,744	1,352	13,153
STP Landfill Disposal	4137290	145,000	130,781	130,000	164,706	200,000
STP Materials & Supplies	4137400	45,000	55,431	46,200	26,869	45,000
STP Lab Test	4137480	12,000	11,162	12,000	9,410	12,000
STP Rent Own Equip	4137700	5,000	831	2,000	1,276	2,000
STP Repairs & Maintenance	4137750	25,000	23,364	25,000	14,320	25,000
STP Taxes & Licenses	4137820	50,781	51,780	51,996	50,809	51,019
STP Utilities	4137840	500,000	449,783	450,000	347,130	420,000
STP Training	4137850	8,000	6,580	8,000	2,709	8,000
		1,081,945	1,037,435	1,092,944	942,405	1,159,719
Net Total		(1,081,945)	(980,408)	(1,092,944)	(942,405)	(1,159,719)

City of Kenora - Department Budget Request

414 - Water & Sewer General Vehicles & Equipment

Account	2017		2018		2019	
	Budget	Actual	Budget	Actual	Budget	Actual
Revenues						
W&S Vehicles & Equip Approp fr Reserve Fund	4140257	0	341,776	0	0	0
		0	341,776	0	0	0
Expenditures						
Warehouse FT Wages	3916030	0	0	11,257	0	11,428
Warehouse CPP	3916105	0	0	519	0	550
Warehouse EI	3916110	0	0	183	0	186
Warehouse EHT	3916115	0	0	220	0	223
Warehouse Health Plan Contrib	3916120	0	0	164	0	348
Warehouse OMERS	3916125	0	0	1,017	0	1,028
Warehouse Insurance Contrib	3916130	0	0	473	0	480
Warehouse WSIB	3916135	0	0	360	0	360
Garage & Shop FT Wages	3926030	30,944	0	39,238	0	43,264
Garage & Shop CPP	3926105	1,282	0	1,634	0	1,787
Garage & Shop EI	3926110	500	0	637	0	705
Garage & Shop EHT	3926115	603	0	765	0	844
Garage & Shop Health Plan Contrib	3926120	2,064	0	2,768	0	2,856
Garage & Shop OMERS	3926125	2,969	0	3,757	0	4,227
Garage & Shop Insurance Contrib	3926130	1,223	0	1,648	0	1,817
Garage & Shop WSIB	3926135	944	0	1,256	0	1,363
Garage & Shop Misc Benefits	3926199	825	0	0	0	0
W&S Vehicles & Equip # 201 FT Wages	4142011	0	925	0	1,283	0
W&S Vehicles & Equip # 201 Materials & Supplies	4142013	2,000	2,652	2,000	769	1,500
W&S Vehicles & Equip # 201 Benefits	4142014	0	291	0	471	0
W&S Vehicles & Equip # 201 Diesel	4142018	2,200	2,515	2,250	1,622	2,250
W&S Vehicles & Equip # 201 Recovery	4142019	(6,000)	(8,370)	(7,000)	(5,010)	(4,800)
W&S Vehicles & Equip # 202 FT Wages	4142021	0	66	0	83	0
W&S Vehicles & Equip # 202 Materials & Supplies	4142023	800	519	600	275	500
W&S Vehicles & Equip # 202 Benefits	4142024	0	17	0	38	0
W&S Vehicles & Equip # 202 Gasoline	4142027	2,000	3,044	2,500	3,125	2,700
W&S Vehicles & Equip # 202 Recovery	4142029	(2,500)	(13,872)	(12,000)	(13,232)	(12,000)
W&S Vehicles & Equip # 203 FT Wages	4142031	0	1,720	0	280	0
W&S Vehicles & Equip # 203 Materials & Supplies	4142033	2,000	3,146	3,500	1,465	2,000
W&S Vehicles & Equip # 203 Benefits	4142034	0	475	0	60	0
W&S Vehicles & Equip # 203 Diesel	4142038	1,500	1,014	1,200	479	1,000
W&S Vehicles & Equip # 203 Recovery	4142039	(1,200)	(5,347)	(4,500)	(1,541)	(2,500)
W&S Vehicles & Equip # 204 FT Wages	4142041	0	827	0	1,433	0
W&S Vehicles & Equip # 204 Materials & Supplies	4142043	3,500	8,215	5,000	3,078	5,000
W&S Vehicles & Equip # 204 Benefits	4142044	0	397	0	601	0
W&S Vehicles & Equip # 204 Diesel	4142048	4,500	3,841	3,500	5,230	4,500
W&S Vehicles & Equip # 204 Recovery	4142049	(6,000)	(294)	(1,000)	0	(500)
W&S Vehicles & Equip # 205 FT Wages	4142051	0	198	0	313	0
W&S Vehicles & Equip # 205 Materials & Supplies	4142053	1,500	1,742	1,000	646	1,000
W&S Vehicles & Equip # 205 Benefits	4142054	0	87	0	72	0
W&S Vehicles & Equip # 205 Diesel	4142058	1,700	1,429	1,400	1,981	1,500
W&S Vehicles & Equip # 205 Recovery	4142059	(4,000)	(7,142)	(7,000)	(11,298)	(7,000)
W&S Vehicles & Equip # 206 FT Wages	4142061	0	863	0	822	0
W&S Vehicles & Equip # 206 Materials & Supplies	4142063	1,500	1,757	2,000	3,569	2,000
W&S Vehicles & Equip # 206 Benefits	4142064	0	235	0	334	0
W&S Vehicles & Equip # 206 Diesel	4142068	5,000	4,921	5,000	4,933	5,000
W&S Vehicles & Equip # 206 Recovery	4142069	(22,000)	(18,505)	(20,000)	(20,194)	(20,000)
W&S Vehicles & Equip # 207 FT Wages	4142071	0	104	0	251	0
W&S Vehicles & Equip # 207 Materials & Supplies	4142073	800	613	800	840	800
W&S Vehicles & Equip # 207 Benefits	4142074	0	27	0	101	0
W&S Vehicles & Equip # 207 Gasoline	4142077	2,000	1,629	1,500	2,900	2,500
W&S Vehicles & Equip # 207 Recovery	4142079	(6,500)	(5,992)	(6,500)	(9,380)	(8,000)
W&S Vehicles & Equip # 208 FT Wages	4142081	0	393	0	2,395	0
W&S Vehicles & Equip # 208 Materials & Supplies	4142083	1,800	2,819	1,800	4,116	2,000
W&S Vehicles & Equip # 208 Benefits	4142084	0	124	0	872	0
W&S Vehicles & Equip # 208 Diesel	4142088	4,200	4,952	4,200	4,438	4,200

City of Kenora - Department Budget Request

414 - Water & Sewer General Vehicles & Equipment

	Account	2017		2018		2019	
		Budget	Actual	Budget	Actual	Budget	Actual
W&S Vehicles & Equip # 208 Recovery	4142089	(12,000)	(16,910)	(16,500)	(14,542)	(16,000)	0
W&S Vehicles & Equip # 209 FT Wages	4142091	0	50	0	504	0	0
W&S Vehicles & Equip # 209 Materials & Supplies	4142093	800	13	500	0	500	0
W&S Vehicles & Equip # 209 Benefits	4142094	0	10	0	157	0	0
W&S Vehicles & Equip # 209 Diesel	4142098	500	0	500	52	200	0
W&S Vehicles & Equip # 209 Recovery	4142099	(1,142)	0	(1,500)	0	0	0
W&S Vehicles & Equip # 210 FT Wages	4142101	0	76	0	0	0	0
W&S Vehicles & Equip # 210 Materials & Supplies	4142103	800	242	500	0	500	0
W&S Vehicles & Equip # 210 Benefits	4142104	0	42	0	(3)	0	0
W&S Vehicles & Equip # 210 Diesel	4142108	500	0	200	0	200	0
W&S Vehicles & Equip # 210 Recovery	4142109	(1,140)	(1,292)	(1,140)	(304)	(1,000)	0
W&S Vehicles & Equip # 211 FT Wages	4142111	0	0	0	0	0	0
W&S Vehicles & Equip # 211 Materials & Supplies	4142113	200	0	200	0	100	0
W&S Vehicles & Equip # 211 Recovery	4142119	(500)	0	0	0	0	0
W&S Vehicles & Equip # 212 FT Wages	4142121	0	1,481	0	608	0	0
W&S Vehicles & Equip # 212 Materials & Supplies	4142123	800	2,779	1,500	838	1,000	0
W&S Vehicles & Equip # 212 Benefits	4142124	0	499	0	196	0	0
W&S Vehicles & Equip # 212 Diesel	4142128	1,800	262	1,000	0	1,000	0
W&S Vehicles & Equip # 212 Recovery	4142129	(10,000)	(10,088)	(10,000)	(9,182)	(10,000)	0
W&S Vehicles & Equip # 213 FT Wages	4142131	0	0	0	59	0	0
W&S Vehicles & Equip # 213 Materials & Supplies	4142133	500	184	500	0	500	0
W&S Vehicles & Equip # 214 FT Wages	4142141	0	542	0	383	0	0
W&S Vehicles & Equip # 214 Materials & Supplies	4142143	800	1,093	800	604	700	0
W&S Vehicles & Equip # 214 Benefits	4142144	0	196	0	107	0	0
W&S Vehicles & Equip # 214 Gasoline	4142147	2,000	2,451	2,100	1,887	2,000	0
W&S Vehicles & Equip # 214 Recovery	4142149	(8,000)	(14,366)	(14,000)	(12,052)	(14,000)	0
W&S Vehicles & Equip # 215 FT Wages	4142151	0	0	0	563	0	0
W&S Vehicles & Equip # 215 Materials & Supplies	4142153	500	627	500	745	500	0
W&S Vehicles & Equip # 215 Benefits	4142154	0	0	0	399	0	0
W&S Vehicles & Equip # 215 Gasoline	4142157	1,500	839	1,000	787	1,000	0
W&S Vehicles & Equip # 215 Recovery	4142159	(2,500)	(400)	(1,500)	(484)	(1,500)	0
W&S Vehic-# 216-02 VanduraFT Wages	4142161	0	50	0	59	0	0
W&S Vehic-# 216-02 Vandura-Materials	4142163	500	492	500	339	500	0
W&S Vehicles & Equip # 216-Benefits	4142164	0	10	0	13	0	0
W&S Vehic-# 216-02 Vandura-Gasoline	4142167	1,100	1,078	1,000	1,392	1,400	0
W&S Vehicles & Equip # 216-02 Vandura-Recovery	4142169	(3,000)	(5,116)	(4,500)	(10,042)	(8,500)	0
W&S Vehicles & Equip # 217 FT Wages	4142171	0	1,406	0	1,234	0	0
W&S Vehicles & Equip # 217 Materials & Supplies	4142173	3,500	4,875	4,000	1,829	2,000	0
W&S Vehicles & Equip # 217 Benefits	4142174	0	567	0	575	0	0
W&S Vehicles & Equip # 217 Diesel	4142178	2,000	1,522	2,000	1,403	2,000	0
W&S Vehicles & Equip # 217 Recovery	4142179	(13,529)	(10,621)	(13,529)	(9,851)	(13,529)	0
W&S Vehicles & Equip # 218 FT Wages	4142181	0	2,902	0	1,355	0	0
W&S Vehicles & Equip # 218 Materials & Supplies	4142183	4,500	20,644	5,000	10,702	8,000	0
W&S Vehicles & Equip # 218 Benefits	4142184	0	1,035	0	457	0	0
W&S Vehicles & Equip # 218 Diesel	4142188	7,500	8,470	7,500	12,926	11,000	0
W&S Vehicles & Equip # 218 Recovery	4142189	(24,293)	(28,662)	(28,000)	(47,014)	(40,000)	0
W&S Vehicles & Equip # 219 FT Wages	4142191	0	4,196	0	1,279	0	0
W&S Vehicles & Equip # 219 Materials & Supplies	4142193	1,000	4,533	2,000	1,867	1,800	0
W&S Vehicles & Equip # 219 Benefits	4142194	0	1,293	0	572	0	0
W&S Vehicles & Equip # 219 Diesel	4142198	1,500	1,126	1,500	1,129	1,400	0
W&S Vehicles & Equip # 219 Recovery	4142199	(12,000)	(12,329)	(12,000)	(11,727)	(12,000)	0
W&S Vehicles & Equip # 220 FT Wages	4142201	0	117	0	177	0	0
W&S Vehicles & Equip # 220 Materials & Supplies	4142203	500	555	500	322	500	0
W&S Vehicles & Equip # 220 Benefits	4142204	0	25	0	38	0	0
W&S Vehicles & Equip # 220 Gasoline	4142207	1,600	1,228	1,500	749	1,400	0
W&S Vehicles & Equip # 220 Recovery	4142209	(4,000)	(7,596)	(7,000)	0	(2,500)	0
W&S Vehicles & Equip # 221 FT Wages	4142211	0	224	0	463	0	0
W&S Vehicles & Equip # 221 Materials & Supplies	4142213	500	681	500	673	500	0
W&S Vehicles & Equip # 221 Benefits	4142214	0	80	0	175	0	0
W&S Vehicles & Equip # 221 Gasoline	4142217	2,500	3,458	2,700	3,534	3,000	0
W&S Vehicles & Equip # 221 Recovery	4142219	(6,000)	(11,128)	(11,000)	(10,996)	(11,000)	0
W&S Vehicles & Equip # 222 FT Wages	4142221	0	429	0	501	0	0

City of Kenora - Department Budget Request

414 - Water & Sewer General Vehicles & Equipment

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
S Vehicles & Equip # 222 Materials & Supplies	4142223	500	381	500	574	500	0
W&S Vehicles & Equip # 222 Benefits	4142224	0	211	0	121	0	0
W&S Vehicles & Equip # 222 Gasoline	4142227	1,000	1,031	1,000	1,654	1,200	0
W&S Vehicles & Equip # 222 Recovery	4142229	(4,000)	(4,236)	(4,000)	(11,984)	(10,000)	0
W&S Vehicles & Equip # 223 FT Wages	4142231	0	243	0	387	0	0
W&S Vehicles & Equip # 223 Materials & Supplies	4142233	500	652	500	643	500	0
W&S Vehicles & Equip # 223 Benefits	4142234	0	68	0	142	0	0
W&S Vehicles & Equip # 223 Gasoline	4142237	1,200	665	1,000	1,001	1,000	0
W&S Vehicles & Equip # 223 Recovery	4142239	(4,000)	(2,718)	(3,500)	(4,272)	(3,500)	0
W&S Vehicles & Equip # 224 FT Wages	4142241	0	278	0	236	0	0
W&S Vehicles & Equip # 224 Materials & Supplies	4142243	500	781	500	3,159	800	0
W&S Vehicles & Equip # 224 Benefits	4142244	0	81	0	85	0	0
W&S Vehicles & Equip # 224 Gasoline	4142247	2,600	3,092	2,600	2,805	2,600	0
W&S Vehicles & Equip # 224 Recovery	4142249	(1,000)	0	(500)	0	0	0
W&S Vehicles-2016 GMC pickup -FT Wages	4142251	0	288	0	122	0	0
W&S Vehicle-2016 GMC pickup -Materials	4142253	800	422	500	329	500	0
W&S Vehicles & Equip #225 -Benefits	4142254	0	99	0	53	0	0
W&S Vehicles-2016 GMC pickup -Gasoline	4142257	1,200	1,662	1,300	1,429	1,300	0
W&S Vehicles & Equip Insurance	4147250	7,294	8,690	10,346	5,096	13,720	0
W&S Vehicles & Equip Unassigned FT Wages	4149991	0	1,107	0	723	0	0
W&S Vehicles & Equip Unassigned M&S	4149993	8,000	4,265	10,500	23,488	10,000	0
W&S Vehicles & Equip Unassigned Gasoline	4149997	200	0	300	0	0	0
W&S Vehicles & Equip Unassigned Diesel	4149998	800	0	800	0	0	0
		(14,954)	(37,026)	(14,677)	(60,536)	(14,593)	0
Net Total		14,954	378,803	14,677	60,536	14,593	0

City of Kenora - Department Budget Request

431 - Waterworks

Account	2017		2018		2019	
	Budget	Actual	Budget	Actual	Budget	Actual
Revenues						
Waterwork-General-Approp From reserves	4310057	0	23,293	0	0	0
Waterworks Approp fr Reserve Fund	4310257	0	253,717	0	0	0
Waterworks User Fee Water - Metered Revenue	4314731	1,698,678	1,955,325	2,132,718	1,630,809	2,250,017
Waterworks User Fee Water Monthly Service Crg	4314732	2,467,707	2,244,321	2,431,959	2,215,383	2,609,418
Waterworks User Fee Water Purchased	4314737	66,500	73,361	70,000	64,024	70,000
Waterworks User Fee Other Service Charges	4314739	40,000	53,180	40,000	57,191	40,000
		4,272,885	4,603,197	4,674,677	3,967,406	4,969,435
						0

Expenditures

Roads Maintenance FT Wages	3116030	40,242	0	63,692	0	63,289	0
Roads Maintenance CPP	3116105	1,944	0	3,082	0	3,165	0
Roads Maintenance EI	3116110	655	0	1,038	0	1,032	0
Roads Maintenance EHT	3116115	783	0	1,242	0	1,234	0
Roads Maintenance Health Plan Contrib	3116120	3,080	0	4,939	0	4,953	0
Roads Maintenance OMERS	3116125	3,518	0	5,732	0	5,696	0
Roads Maintenance Insurance Contrib	3116130	1,588	0	2,675	0	2,658	0
Roads Maintenance WSIB	3116135	1,225	0	1,215	0	1,195	0
Roads Maintenance Misc Benefits	3116199	1,337	0	0	0	0	0
Sanitary System FT Wages	4116030	470,183	0	382,163	0	353,189	0
Sanitary System CPP	4116105	19,462	0	15,756	0	14,982	0
Sanitary System EI	4116110	7,437	0	5,998	0	5,498	0
Sanitary System EHT	4116115	9,169	0	7,452	0	6,887	0
Sanitary System Health Plan Contrib	4116120	29,296	0	21,849	0	19,945	0
Sanitary System OMERS	4116125	42,197	0	35,168	0	34,101	0
Sanitary System Insurance Contrib	4116130	17,381	0	14,683	0	13,446	0
Sanitary System WSIB	4116135	5,031	0	4,280	0	11,125	0
Sanitary System Misc Benefits	4116199	12,524	0	0	0	0	0
Waterworks FT Wages	4316030	101,904	179,431	103,432	173,585	104,984	0
Waterworks PT Wages	4316040	0	4,424	0	386	0	0
Waterworks CPP	4316105	2,564	7,684	2,594	5,781	2,749	0
Waterworks EI	4316110	1,065	2,568	1,093	2,432	1,092	0
Waterworks EHT	4316115	1,987	3,904	2,017	3,549	2,047	0
Waterworks Health Plan Contrib	4316120	4,704	12,050	4,908	8,437	4,908	0
Waterworks OMERS	4316125	11,781	20,324	11,971	19,573	12,113	0
Waterworks Insurance Contrib	4316130	1,246	3,274	1,314	3,045	1,333	0
Waterworks WSIB	4316135	1,090	2,865	1,158	4,304	3,307	0
Waterworks Misc Benefits	4316199	1,650	0	0	0	0	0
Waterworks Connect/Repair FT Wages	4316911	0	285,455	0	299,912	0	0
Waterworks Connect/Repair Contract Services	4316912	150,000	87,150	130,000	40,628	130,000	0
Waterworks Connect/Repair Materials & Supplies	4316913	75,000	44,592	65,000	51,572	55,000	0
Waterworks Connect/Repair Benefits	4316914	0	81,227	0	89,719	0	0
Waterworks Connect/Repair Rent Non-Owned Equip	4316915	1,000	0	1,000	0	1,000	0
Waterworks Connect/Repair Rent Own Equip	4316916	60,000	67,916	65,000	70,464	70,000	0
Waterworks Connect/Repair Utilities	4316918	42,000	42,266	45,000	28,506	45,000	0
Waterworks In-House Asphalt Repair FT Wages	4316931	0	0	0	282	0	0
Waterworks In-House Asphalt Repair Mat & Supp	4316933	0	30,604	0	0	0	0
Waterworks Meters FT Wages	4316941	0	49,696	0	33,155	0	0
Waterworks Meters Materials & Supplies	4316943	18,000	23,936	25,000	29,023	32,000	0
Waterworks Meters Benefits	4316944	0	15,919	0	10,590	0	0
Waterworks Meters Rent Own Equip	4316946	0	14,470	0	8,062	6,000	0
Waterworks WAC FT Wages	4316961	0	3,235	0	0	0	0
Waterworks WAC Benefits	4316964	0	896	0	0	0	0
Waterworks WAC Utilities	4316968	0	0	0	0	0	0
Waterworks Summer Service FT Wages	4316981	0	17,430	20,000	14,110	0	0
Waterworks Summer Service Materials & Supplies	4316983	4,000	1,988	5,000	2,319	4,000	0
Waterworks Summer Service Benefits	4316984	0	3,758	0	5,084	4,000	0
Waterworks Summer Service Rent Own Equip	4316986	2,500	4,507	3,500	3,074	4,000	0
Waterworks Fire Hydrants FT Wages	4316991	0	14,288	10,000	18,720	0	0
Waterworks Fire Hydrants Materials & Supplies	4316993	20,000	3,658	20,000	12,944	25,000	0
Waterworks Fire Hydrants Benefits	4316994	0	3,904	0	5,060	4,000	0

City of Kenora - Department Budget Request

431 - Waterworks

	Account	2017		2018		2019	
		Budget	Actual	Budget	Actual	Budget	Actual
Waterworks Fire Hydrants Rent Own Equip	4316996	5,000	4,121	4,000	7,905	6,000	0
Waterworks Fire Hydrants Hydrant Rent	4316999	(68,375)	(68,375)	(68,375)	(68,375)	(68,375)	0
Waterworks Admin	4317020	110,220	110,220	116,347	116,347	115,981	0
Waterworks Alloc Bill & Collect	4317021	146,207	146,207	203,718	145,356	228,994	0
Waterworks-General-Advertising	4317040	0	866	0	0	500	0
Waterworks Meter Reading	4317046	2,000	133	1,500	44	1,500	0
Waterworks Alloc Garage	4317047	84,571	84,571	86,594	86,594	88,249	0
Waterworks Bad Debt	4317065	8,500	(10,754)	0	(570)	0	0
Waterworks Contract Services	4317110	3,000	2,086	3,000	2,086	10,100	0
Waterworks Insurance	4317250	22,457	19,183	9,165	14,172	18,976	0
Waterworks Interest & Bank	4317260	500	222	0	223	0	0
Waterworks - Debt Interest	4317265	10,160	10,160	7,731	0	5,230	0
Waterworks-Legal	4317300	0	9,896	0	0	0	0
Waterworks Materials & Supplies	4317400	20,000	15,177	22,400	22,715	25,000	0
Waterworks Building Rent	4317680	26,986	14,257	20,899	14,577	28,652	0
Waterworks Rent Own Equip	4317700	60,000	50,229	50,000	46,415	50,000	0
Waterworks Taxes & Licenses	4317820	37,209	38,860	39,249	39,058	39,629	0
Waterworks Utilities	4317840	23,000	17,779	20,000	14,302	18,000	0
Waterworks Training	4317850	28,000	24,862	30,000	15,233	30,000	0
Waterworks Work Orders FT Wages	4317931	0	23,297	0	19,396	0	0
Waterworks Work Orders Materials & Supplies	4317933	1,500	328	0	(202)	0	0
Waterworks Work Orders Benefits	4317934	0	8,698	0	7,631	0	0
Waterworks Work Orders Rent Own Equip	4317936	25,000	22,761	0	22,056	23,000	0
		1,713,477	1,558,201	1,635,182	1,449,281	1,676,363	0
Net Total		2,559,408	3,044,996	3,039,495	2,518,125	3,293,072	0

City of Kenora - Department Budget Request

432 - General Water Standpipe/Booster Stations

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Expenditures							
Standpipe & Booster Contract Services	4327110	10,000	1,929	5,000	15,966	15,000	0
Standpipe & Booster Materials & Supplies	4327400	0	45	0	0	20,000	0
Standpipe & Booster Utilities	4327840	24,500	21,634	23,000	13,699	25,000	0
Standpipe & Booster-Zone 1 Tank-Materials & Suppl	4329703	4,000	0	4,000	0	0	0
Standpipe & Booster Zone 2 Tank Materials & Suppli	4329713	10,000	50	4,000	0	0	0
Standpipe & Booster Kee Tank Materials & Supplies	4329723	14,000	0	5,000	0	0	0
Standpipe & Booster Evergrn Boost FT Wages	4329731	0	64	0	0	0	0
Standpipe & Booster Evergrn Boost Materials & Supp	4329733	10,000	6,440	2,000	643	0	0
Standpipe & Booster P Prtg Boost FT Wages	4329741	0	0	0	141	0	0
Standpipe & Booster P Prtg Boost Materials & Suppl	4329743	1,000	647	1,000	551	0	0
Standpipe & Booster Norm Boost Materials & Supplie	4329753	2,000	712	10,000	6,360	0	0
Standpipe & Booster Norm Boost Rent Own Equip	4329756	0	0	0	16	0	0
Standpipe & Booster Arp Rd Boost1 Materials & Supp	4329763	1,000	473	3,000	0	0	0
Standpipe & Booster Arp Rd Boost2 FT Wages	4329771	0	320	0	0	0	0
Standpipe & Booster Arp Rd Boost2 M&S	4329773	1,000	2,065	4,000	753	0	0
Standpipe & Booster Cr Rd Boost Materials & Suppli	4329783	2,000	159	8,000	5,559	0	0
		79,500	34,538	69,000	43,689	60,000	0
Net Total		(79,500)	(34,538)	(69,000)	(43,689)	(60,000)	0

City of Kenora - Department Budget Request

433 - Water Treatment Plant

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues							
... rIP Approp Fr Reserves	4330057	0	4,685	0	0	0	0
WTP Approp fr Reserve Fund	4330257	0	109,139	0	0	0	0
		0	113,824	0	0	0	0
Expenditures							
WTP FT Wages	4336030	280,223	305,678	289,084	271,795	293,827	0
WTP PT Wages	4336040	9,459	7,192	9,600	8,137	10,880	0
WTP CPP	4336105	11,617	10,828	11,758	10,874	12,499	0
WTP EI	4336110	4,653	4,545	4,825	4,619	9,747	0
WTP EHT	4336115	5,649	6,107	5,824	5,558	5,933	0
WTP Health Plan Contrib	4336120	11,769	17,210	17,449	10,362	12,610	0
WTP OMERS	4336125	25,895	30,544	28,658	27,356	28,936	0
WTP Insurance Contrib	4336130	3,207	3,347	3,454	3,282	3,505	0
WTP WSIB	4336135	3,100	3,360	3,345	6,451	9,585	0
WTP Misc Benefits	4336199	6,600	2,096	0	1,024	0	0
WTP Chemicals	4337068	180,000	162,888	165,000	200,915	200,000	0
WTP Contract Services	4337110	18,000	17,640	18,000	9,589	16,000	0
WTP Insurance	4337250	12,160	7,959	3,997	1,969	4,035	0
WTP Materials & Supplies	4337400	40,000	43,906	41,200	22,879	35,000	0
WTP Lab Test	4337480	30,000	20,729	25,000	22,443	25,000	0
WTP Office	4337550	0	38	0	0	0	0
WTP Rent Own Equip	4337700	1,000	724	0	1,172	1,500	0
WTP Repairs & Maintenance	4337750	20,000	16,465	15,000	6,159	15,000	0
WTP Subscript & Memberships	4337800	1,500	662	1,000	697	1,000	0
WTP Taxes & Licenses	4337820	108,536	110,672	110,672	108,145	108,145	0
WTP Utilities	4337840	300,000	269,438	275,000	203,830	240,000	0
WTP Training	4337850	10,000	9,151	10,000	6,833	10,000	0
		1,083,366	1,051,180	1,038,866	934,090	1,043,203	0
Total		(1,083,366)	(937,356)	(1,038,866)	(934,090)	(1,043,203)	0



Capital Projections

Appendix 3



**CITY OF KENORA - WATER & WASTEWATER OPERATIONS
CAPITAL & UNUSUAL SPEND BUDGET
2019**

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
Wastewater System						
19.411.01	Wastewater Collection Program	1,300,000	-	-	-	1,300,000
19.411.02	First Street Extension	630,000	-	-	630,000	-
19.411.03	Manhole Covers	50,000	-	-	-	50,000
U19.411.01	Sanitary Sewer CCTV	100,000	-	-	-	100,000
Wastewater Lift Stations						
19.412.01	Sultana Pumping Station Electrical Upgrades	500,000	-	-	-	500,000
19.412.02	Building Renovation on First Street	60,000	-	-	-	60,000
19.412.03	Replacement of Wastewater Pumps	50,000	-	-	-	50,000
Wastewater Treatment Plant						
19.413.01	Secondary Clarifier Exterior Channel Concrete	200,000	-	-	-	200,000
19.413.02	Replace worn out valves	50,000	-	-	-	50,000
19.413.03	Concrete Repairworks	450,000	-	-	-	450,000
19.413.04	VFD's on Booster Pumping Stations	200,000	-	-	-	200,000
19.413.05	Replace existing blowers with turboblowers	180,000	-	-	-	180,000
W&WW Vehicles & Equipment						
19.414.01	Electrician Truck	45,000	-	-	-	45,000
19.414.02	Supervisor SUV	33,000	-	-	-	33,000
19.414.03	Plow	10,000	-	-	-	10,000
Waterworks						
19.431.01	Water Main Program	1,300,000	-	-	-	1,300,000
19.431.02	Water budget to supplement DTR	765,000	-	-	765,000	-
19.431.03	Watermain Valves Exercising	25,000	-	-	-	25,000
19.431.04	Watermain Flushing Program	100,000	-	-	-	100,000
General Water Standpipe/Booster Stations						
19.432.01	Replacement of pumps at Booster stations	60,000	-	-	-	60,000
Water Treatment Plant						
19.433.01	Generator Engineering	25,000	-	-	-	25,000
19.433.02	Replacement of Valves	25,000	-	-	-	25,000
19.433.03	Energy Saving and Natural Gas Retrofit	100,000	-	-	-	100,000
19.433.04	SCADA Upgrades	200,000	-	-	-	200,000
19.433.05	Roof Replacement	850,000	-	-	-	850,000
FUNCTIONAL TOTALS		7,308,000	-	-	1,395,000	5,913,000

CITY OF KENORA - WATER & WASTEWATER OPERATIONS
 CAPITAL & UNUSUAL SPEND BUDGET
 2020

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
Wastewater System						
20.411.01	Wastewater Collection Program	1,400,000	-	-	-	1,400,000
20.411.02	Manhole covers	50,000	-	-	-	50,000
U20.411.01	Sanitary Sewer CCTV	100,000	-	-	-	100,000
Wastewater Lift Stations						
20.412.01	Upgrading pumping stations	400,000	-	-	-	400,000
20.412.02	Replacement of Sewer Pumps	50,000	-	-	-	50,000
Wastewater Treatment Plant						
20.413.01	Replacement of Valves	25,000	-	-	-	25,000
20.413.02	SCADA Upgrading	50,000	-	-	-	50,000
W&WW Vehicles & Equipment						
20.414.01	Pick-up	58,000	-	-	-	58,000
20.414.02	Sewer Flush Truck	225,000	-	-	-	225,000
Waterworks						
20.431.01	Water Main Program	1,400,000	-	-	-	1,400,000
20.431.02	Valve exercising	25,000	-	-	-	25,000
20.431.03	Watermain Flushing Program	100,000	-	-	-	100,000
Water Standpipes & Booster Stations						
20.432.01	Supply and Replacement of Pumps	60,000	-	-	-	60,000
Water Treatment Plant						
20.433.01	Replacement of Valves	25,000	-	-	-	25,000
20.433.02	Inspection of Intake and upgrading	100,000	-	-	-	100,000
20.433.05	Generator Replacement	1,500,000	-	-	1,500,000	-
FUNCTIONAL TOTALS		5,568,000	-	-	1,500,000	4,068,000

CITY OF KENORA - WATER & WASTEWATER OPERATIONS
 CAPITAL & UNUSUAL SPEND BUDGET
 2021

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	Wastewater System					
21.411.01	Wastewater Collection Program	1,400,000	-	-	-	1,400,000
21.411.02	Manhole Covers	50,000	-	-	-	50,000
U21.411.01	Sanitary Sewer CCTV	100,000	-	-	-	100,000
	Wastewater Lift Stations					
21.412.01	Replacement of Sewer Pumps	50,000	-	-	-	50,000
21.412.02	Renovation of Major Stations	300,000	-	-	-	300,000
	Wastewater Treatment Plant					
21.413.01	Replace worn out valves	50,000	-	-	-	50,000
21.413.02	Windows Replacement	200,000	-	-	-	200,000
	W&WW Vehicles & Equipment					
21.414.01	Pipe Thaw Machine	85,000	-	-	-	85,000
	Waterworks					
21.431.01	Water Main Program	1,400,000	-	-	-	1,400,000
21.431.02	Valve exercising	25,000	-	-	-	25,000
21.431.03	Watermain Flushing Program	100,000	-	-	-	100,000
	Water Treatment Plant					
21.433.01	Replacement of Valves	25,000	-	-	-	25,000
	FUNCTIONAL TOTALS	3,785,000	-	-	-	3,785,000

CITY OF KENORA - WATER & WASTEWATER OPERATIONS
 CAPITAL & UNUSUAL SPEND BUDGET
 2022

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
Wastewater System						
22.411.01	Sanitary Main Program	1,400,000	-	-	-	1,400,000
22.411.02	Manhole Covers	50,000	-	-	-	50,000
U22.411.01	Sanitary Sewer CCTV	100,000	-	-	-	100,000
Wastewater Lift Stations						
22.412.01	Upgrading Major Pumping Stations	300,000	-	-	-	300,000
22.412.02	Replacement of Sewage Pumps	50,000	-	-	-	50,000
Wastewater Treatment Plant						
22.413.01	Replace worn out valves	25,000	-	-	-	25,000
W&WW Vehicles & Equipment						
22.414.01	Pickup	39,000	-	-	-	39,000
22.414.02	Water Tanker	185,000	-	-	-	185,000
Waterworks						
22.431.01	Water Main Program	1,400,000	-	-	-	1,400,000
22.431.02	Valve Exercizing	25,000	-	-	-	25,000
22.431.03	Watermain Flushing Program	100,000	-	-	-	100,000
Water Standpipes and Booster Station						
22.432.01	Upgrading Standpipes	200,000	-	-	-	200,000
Water Treatment Plant						
22.433.01	Replacement of valves	25,000	-	-	-	25,000
FUNCTIONAL TOTALS		3,899,000	-	-	-	3,899,000

**CITY OF KENORA - WATER & WASTEWATER OPERATIONS
CAPITAL & UNUSUAL SPEND BUDGET
2023**

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
Wastewater System						
23.411.01	Wastewater Collection Program	1,400,000	-	-	-	1,400,000
23.411.02	Manhole Covers	50,000	-	-	-	50,000
U23.411.01	Sanitary Sewer CCTV	100,000	-	-	-	100,000
Wastewater Lift Stations						
23.412.01	Replacement of Sewage Pumps	50,000	-	-	-	50,000
Wastewater Treatment Plant						
23.413.01	Replace worn out valves	25,000	-	-	-	25,000
23.413.02	Roof repairs	100,000	-	-	-	100,000
W&WW Vehicles & Equipment						
23.414.01	Sewer Lift Truck	58,000	-	-	-	58,000
23.414.02	Pickup Truck	40,000	-	-	-	40,000
23.414.03	Pickup Truck	40,000	-	-	-	40,000
Waterworks						
23.431.01	Water Main Program	1,400,000	-	-	-	1,400,000
23.431.02	Valve exercising	25,000	-	-	-	25,000
Water Standpipe/Booster Stations						
23.432.01	Upgrading Water Booster Station	50,000	-	-	-	50,000
23.432.02	Standpipes Painting	200,000	-	-	-	200,000
Water Treatment Plant						
23.433.01	Replacement of Valves	25,000	-	-	-	25,000
FUNCTIONAL TOTALS		3,563,000	-	-	-	3,563,000