

Water and  
Wastewater Budgets

2020

The City of Kenora, Ontario, Canada

*Lake of the Woods*  
**KENORA**



# City of Kenora 2020 Water & Wastewater Budgets

## Table of Contents

### System Information

Water & Wastewater Operations	3
Hiring and Certification of Employees	3
Safe Drinking Water Act - What does it mean to the City?	4
Existing Water & Wastewater Infrastructure	5

### Budget Overview

2020 Budget Highlights	6
Rate Structure	6
Actual and Projected System Funding Available	7

### Discussion Items

Water Meter Program	9
Potential Risks	9

### Detailed Budget Schedules

Analysis of System Funding Available	<b>Appendix 1</b>
--------------------------------------	-------------------

Operating Budget	<b>Appendix 2</b>
------------------	-------------------

- Water & Wastewater Operating Budget
- Wastewater Budget Request
- Wastewater Lift Stations Budget Request
- Wastewater Treatment Plant Budget Request
- Water & Wastewater Vehicles Budget Request
- Waterworks Budget Request
- Water Standpipes / Booster Stations Budget Request
- Water Treatment Plant Budget Request

Five Year Capital Projections	<b>Appendix 3</b>
-------------------------------	-------------------

- 2020 Capital Projections
- 2021 Capital Projections
- 2022 Capital Projections
- 2023 Capital Projections
- 2024 Capital Projections



## Table of Contents



# City of Kenora 2020 Water & Wastewater Budgets

## 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 2018, the City's water operations treated and distributed about 2.44 million cubic meters of clean water with a sewage treatment volume of 2.49 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, Conservation and Parks (MECP) 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.



## System Information

## Water & Wastewater Operations

## Hiring and Certification of Employees

### 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)

- 6 - Class 2 Water Distribution and Wastewater Collection
- 4 - Class 1 Water Distribution and Wastewater Collection
- 1 - Class OIT (licensed) Water Distribution and Wastewater Collection
- 1- Class OIT (non-licensed) Water Distribution and Wastewater Collection
- 1 - Meter Reader

### 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

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.



## System Information

### Hiring and Certification of Employees (Cont.)

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

# City of Kenora 2020 Water & Wastewater Budgets

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

The current MECP Municipal Drinking Water License (License Number 228-101, Issue # 2) was issued on March 29, 2016 and will expire on March 28, 2021. Application on License renewal must be submitted by September 28, 2020.

The current Certificate of Accreditation (Full Scope – Entire DWQMS, CERT – 0129189) issued on August 8, 2019 will be valid until its expiry date of August 4, 2022.

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.

## 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 the rest are owned privately.

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



## System Information

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

## Existing Water & Wastewater Infrastructure

## City of Kenora 2020 Water & Wastewater Budgets

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 in combination with our CCTV scans will help the division to work on this area.

### 2020 Budget Highlights

The 2020 operating budget projects total combined revenues of \$10.4 million and expenditures of \$6.1 million, resulting in a system operating surplus of approximately \$4.3 million before local improvement revenues and capital expenditures. Proposed capital expenditures for 2020 are \$6.9 million of which \$1 million is expected to be debt financed. Larger value projects included in the 2020 capital expenditures are as follows:

- Wastewater Collection Program (\$1.1 million)
- Water Main Program (\$1.125 million)
- Chlorine Contact Chamber (\$.9 million)
- Water Treatment Plant Roof Replacement (\$.65 million)
- Generator replacement (\$1 million)

### 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.

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. This plan ends in 2021 and a project to complete another long term financial analysis is set to be completed in 2020.



## *Budget Overview*

### 2020 Budget Highlights

### Rate Structure

# City of Kenora 2020 Water & Wastewater Budgets

## 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 2018 and a further increase of 5.5% in 2019. Under the long range financial plan, rates are planned to be increased 5.5% in 2020, followed by 5.5% in 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 \$4.3 million projected for 2020. With the increases to the rate over the next few years a projection of \$4.7 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. Please see the Comparison below between the BMA report and our actual and projected revenues and expenses.



*Budget Overview*

*Rate Structure (Cont.)*

### CITY OF KENORA - WATER & SEWER OPERATIONS PROJECTED OPERATIONS BEFORE CAPITAL SPENDING

Description			Projected System Operations						
	%	Months	2015	2016	2017	2018	2019	2020	2021
<b>ACTIVITY</b>									
Revenue			7,169,460	7,857,200	8,525,917	9,242,717	9,801,508	10,374,963	10,939,560
Increase over prior year							5.4%	5.4%	5.4%
Expense			5,642,158	5,892,585	5,671,861	6,095,312	6,144,167	5,996,723	6,094,290
Increase over prior year				4.4%		1.6%	1.6%	1.6%	1.6%
<b>BALANCE - SYSTEM FUNDING</b>			<b>1,527,302</b>	<b>1,964,615</b>	<b>2,854,056</b>	<b>3,147,405</b>	<b>3,657,341</b>	<b>4,378,240</b>	<b>4,845,270</b>

BMA report revenues									
Water			3,507,473	3,850,185	4,077,099	4,317,545	4,572,334	4,842,325	5,128,429
Wastewater			3,416,759	3,757,341	4,131,960	4,544,019	4,770,785	5,008,880	5,258,871
			6,924,232	7,607,526	8,209,059	8,861,564	9,343,119	9,851,205	10,387,300
				9.9%	7.9%	7.9%	5.4%	5.4%	5.4%
BMA report expenses									
Water			2,456,505	2,484,206	2,512,460	2,541,280	2,570,676	2,600,660	2,631,244
Wastewater			2,848,066	2,905,027	2,963,128	3,022,390	3,082,838	3,144,495	3,207,385
			5,304,571	5,389,233	5,475,588	5,563,670	5,653,514	5,745,155	5,838,629
				1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
BMA report net inc									
Water			1,050,968	1,365,979	1,564,639	1,776,265	2,001,658	2,241,665	2,497,185
Wastewater			568,693	852,314	1,168,832	1,521,629	1,687,947	1,864,385	2,051,486
			1,619,661	2,218,293	2,733,471	3,297,894	3,689,605	4,106,050	4,548,671

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

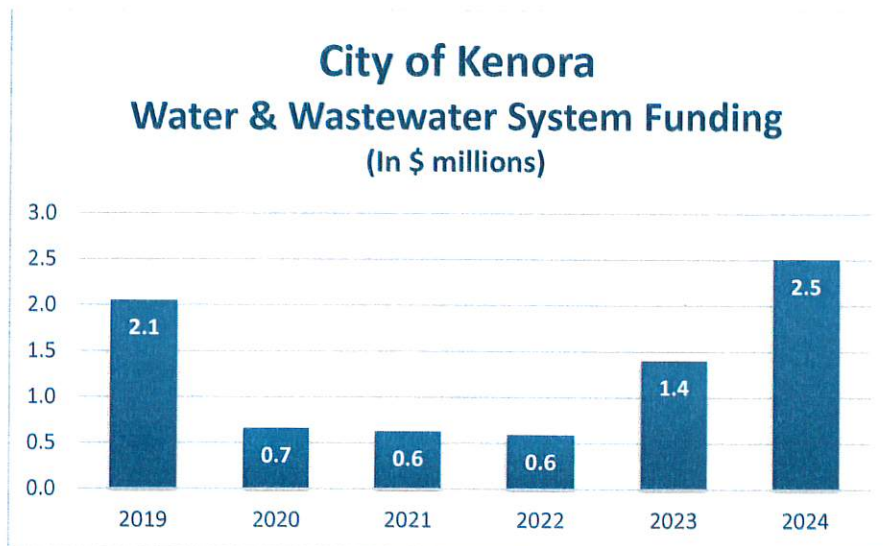
The accumulated water & wastewater system surpluses came under increased pressures during the post-amalgamation period. Historically, while the water and wastewater utility were run on a user pay basis, the ongoing revenues generated from these operations had never been fully adjusted to reflect the 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, and the projected balance over the next five-year period.



## Budget Overview

### Actual and Projected System Funding Available





## 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.

## 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.

### 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.



## *Discussion Items*

### Water Meter Program

### Potential Risks

## 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. In 2022 the City has planned for a taste/odor removal unit to be installed in 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. For a long term solution, a study should also be made to see if these grinder pumps can be replaced by adding a new sewage pumping station.



*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.

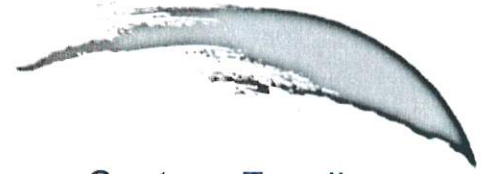
**Replacement of Critical Sections**

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**

	2015	2016	2017	2018	2019
<b>SEWER OPERATIONS</b>					*
Sanitary System	1,869,702	2,376,031	2,842,870	3,050,268	3,592,198
Sewer Lift Stations	-272,658	-457,973	-594,411	-636,142	-625,701
Sewage Treatment Plant	-1,028,664	-1,150,129	-1,037,435	-1,151,743	-1,132,054
<b>VEHICLES &amp; EQUIPMENT</b>	69,440	54,907	37,026	55,828	49,897
<b>WATER OPERATIONS</b>					
Waterworks	2,011,709	2,227,579	2,687,039	2,982,710	2,935,886
Water Standpipes & Booster Stns.	-42,872	-48,478	-34,538	-37,578	-68,013
Water Treatment Plant	-1,079,354	-1,037,322	-1,046,495	-1,115,938	-1,084,051
	1,527,302	1,964,615	2,854,056	3,147,405	3,668,163
<b>OTHER IMPACTS</b>					
Local Improvements Levy	37,643	37,643	37,643	37,643	37,643
Allocated to operating	0	0	0	-337,233	0
	1,564,945	2,002,258	2,891,699	2,847,815	3,705,806
<b>SYSTEM FUNDING BALANCE</b>					
Opening System Funding	453,690	1,496,723	2,813,497	3,755,223	4,249,014
	2,018,635	3,498,981	5,705,196	6,603,038	7,954,820
<b>CAPITAL WORKS</b>					
Funded through System Funding	-521,912	-685,484	-1,949,973	-2,354,024	-5,897,300
<b>BALANCE - SYSTEM FUNDING</b>	<b>1,496,723</b>	<b>2,813,497</b>	<b>3,755,223</b>	<b>4,249,014</b>	<b>2,057,520</b>

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

	2020	2021	2022	2023	2024
<b>OPENING BALANCE</b>	2,057,520	662,739	628,429	591,859	1,405,795
<b>ACTIVITY</b>					
Projected Operations	4,378,240	4,845,270	4,951,867	5,060,808	5,172,145
Local Improvements (mature 2020)	37,643				
Long Term Debt Impacts	-174,102	202,148	202,148	258,668	258,668
Capital	-5,688,000	-4,694,000	-4,802,000	-4,003,000	-3,849,000
Interest on Reserve Funds Held	51,438	16,568	15,711	14,796	35,145
<b>BALANCE - SYSTEM FUNDING</b>	<b>662,739</b>	<b>628,429</b>	<b>591,859</b>	<b>1,405,795</b>	<b>2,505,417</b>



*Operating Budget*

Appendix 2



City of Kenora  
Water & Wastewater  
Operating Budget  
2020

22-Jan-20

Account	2017		2018		2019		2020		
	Budget	Actual	Budget	Actual	Budget	Prelim	Budget	Prelim	
<b>REVENUES</b>									
User Charges & Funding	8,470,915	8,525,917	9,226,546	9,242,717	9,801,508	9,745,020	10,374,963	-	
	8,470,915	8,525,917	9,226,546	9,242,717	9,801,508	9,745,020	10,374,963	-	
<b>EXPENDITURES</b>									
<b>Sewer</b>									
Sanitary System	4110000	1,671,521	1,356,860	1,861,917	1,489,229	1,628,184	1,364,270	1,561,197	-
Sewer Lift Stations	4120000	379,358	594,411	602,159	636,142	600,670	625,701	569,660	-
Sewage Treatment Plant	4130000	1,081,945	1,037,435	1,092,944	1,151,743	1,161,897	1,132,054	1,181,703	-
		3,132,824	2,988,706	3,557,020	3,277,114	3,390,751	3,122,025	3,312,560	-
<b>Water &amp; Sewer Vehicles</b>	4140000	-14,954	- 37,026	-14,677	- 55,828	-14,169	- 49,897	-4,206	-
<b>Water</b>									
Waterworks	4310000	1,713,477	1,639,148	1,635,182	1,720,510	1,662,858	1,852,666	1,552,257	-
Water Standpipes / Booster Station	4320000	79,500	34,538	69,000	37,578	60,000	68,013	70,000	-
Water Treatment Plant	4330000	1,083,366	1,046,495	1,038,866	1,115,938	1,044,727	1,084,051	1,066,112	-
		2,876,343	2,720,181	2,743,048	2,874,026	2,767,585	3,004,729	2,688,369	-
<b>TOTAL EXPENDITURES</b>									
		5,994,213	5,671,861	6,285,391	6,095,312	6,144,167	6,076,857	5,996,723	-
<b>NET REVENUE (EXPENDITURE)</b>									
		2,476,702	2,854,056	2,941,155	3,147,405	3,657,341	3,668,163	4,378,240	-

# City of Kenora - Department Budget Request

## 411 - Sanitary System

	Account	2018		2019		2020	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>Revenues</b>							
Sanitary -General-Approp From reserves	4110057	0	309,563	0	0	0	0
Sanitary System User Fee Residential Surcharge	4114730	4,481,869	4,485,357	4,772,073	4,327,801	5,056,398	0
Sanitary System User Fee Commercial Surcharge	4114731	60,000	43,465	50,000	54,735	50,000	0
Sanitary System User Fee Miscellaneous Charges	4114799	10,000	9,348	10,000	41,365	20,000	0
		<b>4,551,869</b>	<b>4,847,732</b>	<b>4,832,073</b>	<b>4,423,901</b>	<b>5,126,398</b>	<b>0</b>
<b>Expenditures</b>							
Roads Maintenance FT Wages	3116030	11,541	0	11,639	0	5,637	0
Roads Maintenance CPP	3116105	554	0	573	0	275	0
Roads Maintenance EI	3116110	188	0	190	0	89	0
Roads Maintenance EHT	3116115	225	0	227	0	110	0
Roads Maintenance Health Plan Contrib	3116120	882	0	998	0	479	0
Roads Maintenance OMERS	3116125	1,039	0	1,047	0	507	0
Roads Maintenance Insurance Contrib	3116130	485	0	485	0	235	0
Roads Maintenance WSIB	3116135	175	0	171	0	178	0
Engineering FT Wages	3956030	0	0	0	0	48,576	0
Engineering CPP	3956105	0	0	0	0	1,374	0
Engineering EI	3956110	0	0	0	0	522	0
Engineering EHT	3956115	0	0	0	0	947	0
Engineering Health Plan Contrib	3956120	0	0	0	0	2,428	0
Engineering OMERS	3956125	0	0	0	0	5,448	0
Engineering Insurance Contrib	3956130	0	0	0	0	270	0
Engineering WSIB	3956135	0	0	0	0	1,530	0
Sanitary System FT Wages	4116030	624,123	315,419	484,655	269,159	453,805	0
Sanitary System PT Wages	4116040	9,600	4,378	10,880	5,076	10,880	0
Sanitary System CPP	4116105	27,476	9,323	36,362	7,529	19,968	0
Sanitary System EI	4116110	10,094	4,035	7,798	3,049	7,063	0
Sanitary System EHT	4116115	12,358	5,327	9,654	4,123	9,053	0
Sanitary System Health Plan Contrib	4116120	38,844	36,295	33,315	28,133	36,907	0
Sanitary System OMERS	4116125	56,589	22,693	45,658	18,791	42,414	0
Sanitary System Insurance Contrib	4116130	23,563	8,667	17,515	4,011	16,201	0
Sanitary System WSIB	4116135	9,322	20,399	15,596	6,608	14,624	0
Sanitary System Misc Benefits	4116199	0	2,404	0	2,174	1,200	0
Sanitary System Sewer Mains FT Wages	4116911	85,000	121,065	0	77,883	0	0
Sanitary System Sewer Mains Contract Services	4116912	22,000	73,691	15,000	7,573	20,000	0
Sanitary System Sewer Mains Materials & Supplies	4116913	50,000	13,658	40,000	11,503	40,000	0
Sewer Mains Benefits	4116914	0	32,434	0	23,945	0	0
Sanitary System Sewer Mains Rent Own Equip	4116916	25,000	45,742	35,000	24,075	35,000	0
Sanitary System Pumping Stns Alloc After Hour Call	4116921	20,000	13,562	12,000	12,579	14,000	0
Sanitary System Pumping Stns Materials & Supplies	4116923	8,000	2,938	8,000	727	5,000	0
Sanitary System Pumping Stns Rent Own Equip	4116926	42,000	56,816	42,000	44,277	52,000	0
Sanitary System Pumping Stns Utilities	4116928	240,000	190,450	200,000	179,301	190,000	0
Sanitary System In-House Asphalt Repair FT Wages	4116931	0	0	0	22,881	0	0
Sanitary System In-House Asphalt Repair Mat & Supp	4116933	0	0	20,000	2,250	15,000	0
Sanitary System In-House Asphalt Repair Rent Own E	4116936	0	0	0	8,279	8,000	0
Sanitary System Admin	4117020	111,508	111,508	111,795	111,795	123,599	0
Sanitary System Alloc Bill & Collect	4117021	195,244	139,309	204,015	204,015	183,620	0
Sanitary System Alloc Garage	4117047	82,993	82,993	82,539	82,539	70,416	0
Sanitary System Bad Debt	4117065	5,000	16,837	5,000	0	0	0
Sanitary System Computer Maintenance	4117090	47,000	47,664	51,700	2,300	12,500	0
Sanitary System Insurance	4117250	3,649	7,402	9,727	10,867	10,075	0
Sanitary System-Legal	4117300	0	885	0	9,387	0	0
Sanitary System Materials & Supplies	4117400	25,000	27,943	25,000	26,027	30,000	0
Sanitary System Misc	4117500	0	0	4,100	4,070	0	0
Sanitary System Building Rent	4117680	20,029	13,970	27,615	27,615	16,421	0
Sanitary System Rent Own Equip	4117700	14,000	23,342	20,000	19,845	20,000	0
Sanitary System Taxes & Licenses	4117820	26,235	27,451	25,930	25,848	24,347	0
Sanitary System Utilities	4117840	5,000	3,240	5,000	3,208	4,500	0
Sanitary System Training	4117850	6,000	7,366	6,000	5,137	6,000	0
Sanitary System Travel & Conference	4117900	1,200	24	1,000	0	0	0
Sanitary System Cost Recoveries	4117992	0	0	0	(1,029)	0	0
		<b>1,861,917</b>	<b>1,489,229</b>	<b>1,628,184</b>	<b>1,295,551</b>	<b>1,561,197</b>	<b>0</b>
<b>Net Total</b>		<b>2,689,952</b>	<b>3,358,503</b>	<b>3,203,889</b>	<b>3,128,350</b>	<b>3,565,201</b>	<b>0</b>



# City of Kenora - Department Budget Request

## 412 - General Sewer Lift Stations

	Account	2018		2019		2020	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>Expenditures</b>							
Sanitary System FT Wages	4116030	153,805	0	196,902	0	210,764	0
Sanitary System CPP	4116105	6,514	0	8,659	0	9,209	0
Sanitary System EI	4116110	2,497	0	3,183	0	3,307	0
Sanitary System EHT	4116115	2,999	0	3,840	0	4,110	0
Sanitary System Health Plan Contrib	4116120	10,197	0	15,019	0	19,043	0
Sanitary System OMERS	4116125	13,464	0	18,658	0	19,804	0
Sanitary System Insurance Contrib	4116130	6,460	0	8,207	0	8,785	0
Sanitary System WSIB	4116135	1,723	0	6,202	0	6,639	0
Lift Station FT Wages	4126030	0	249,827	0	221,381	0	0
Lift Stations General Benefits	4126104	0	78,923	0	68,017	0	0
Lift Station Contract Services	4127110	50,000	33,921	40,000	36,724	35,000	0
Lift Station Materials & Supplies	4127400	125,000	67,649	180,000	104,009	130,000	0
Lift Station Utilities	4127840	0	13,148	15,000	11,391	15,000	0
Lift Station Matheson St Materials & Supplies	4129023	2,000	8,652	0	33	0	0
Lift Station 100 Main St FT Wages	4129031	0	164	0	0	0	0
Lift Station 100 Main St Materials & Supplies	4129033	10,000	2,042	0	0	0	0
Lift Station 8 Av S & Crk Materials & Supplies	4129043	7,000	5,682	0	0	0	0
Lift Station 8 Av S & Crk Rent Own Equip	4129046	0	0	0	140	0	0
Lift Station Sultana Materials & Supplies	4129053	25,000	1,492	0	168	0	0
Lift Station N Hamilton Materials & Supplies	4129063	24,000	18,705	0	0	0	0
Lift Station Preston St Materials & Supplies	4129073	4,000	566	0	0	0	0
Lift Station Govt Rd Norm Materials & Supplies	4129083	3,000	892	0	0	0	0
Lift Station 1 Av W Norm Materials & Supplies	4129093	3,000	4,171	0	14	0	0
Lift Station Tunnel Island Materials & Supplies	4129113	13,000	11,724	0	11	0	0
Lift Station Subway Materials & Supplies	4129233	1,500	94	0	50	0	0
Lift Station Kenora Jail Materials & Supplies	4129333	4,000	136	0	89	0	0
Lift Station Ott St E End Materials & Supplies	4129433	3,000	601	0	880	0	0
Lift Station Ott St W End Materials & Supplies	4129463	10,000	3,281	0	3,426	0	0
Lift Station Govt Rd Cross Materials & Supplies	4129493	10,000	8,210	0	9,495	0	0
Lift Station Mclean Ave Materials & Supplies	4129503	4,000	2,882	0	3,476	0	0
Lift Station Redtt&Crawf FT Wages	4129521	0	101	0	404	0	0
Lift Station Redtt&Crawf Materials & Supplies	4129523	2,000	870	0	0	0	0
Lift Station Redtt&Crawf Benefits	4129524	0	28	0	69	0	0
Lift Station Rab Lk Trlr Pk Materials & Supplies	4129533	2,000	48	0	30	0	0
Lift Station Donbrock Dr FT Wages	4129561	0	50	0	0	0	0
Lift Station Donbrock Dr Materials & Supplies	4129563	2,000	368	0	0	0	0
Lift Station Odor Elim Materials & Supplies	4129573	20,000	19,879	20,000	16,159	18,000	0
Lift Station Grind Pump FT Wages	4129581	0	16,317	0	27,240	0	0
Lift Station Grind Pump Materials & Supplies	4129583	80,000	75,826	80,000	65,793	75,000	0
Lift Station Grind Pump Benefits	4129584	0	3,636	0	8,702	0	0
Lift Station Grind Pump Rent Own Equip	4129586	0	6,258	5,000	12,284	15,000	0
		<b>602,159</b>	<b>636,142</b>	<b>600,670</b>	<b>589,985</b>	<b>569,660</b>	<b>0</b>
<b>Net Total</b>		<b>(602,159)</b>	<b>(636,142)</b>	<b>(600,670)</b>	<b>(589,985)</b>	<b>(569,660)</b>	<b>0</b>

# City of Kenora - Department Budget Request

## 413 - Sewage Treatment Plant

	Account	2018		2019		2020	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>Revenues</b>							
STP Approp Fr Reserves	4130057	0	5,998	0	0	0	0
		0	5,998	0	0	0	0
<b>Expenditures</b>							
Sanitary System FT Wages	4116030	10,428	0	10,428	0	24,626	0
Sanitary System CPP	4116105	516	0	532	0	1,097	0
Sanitary System EI	4116110	170	0	170	0	374	0
Sanitary System EHT	4116115	203	0	203	0	480	0
Sanitary System Health Plan Contrib	4116120	0	0	0	0	1,202	0
Sanitary System OMERS	4116125	939	0	939	0	2,354	0
Sanitary System Insurance Contrib	4116130	0	0	0	0	592	0
Sanitary System WSIB	4116135	117	0	328	0	776	0
STP FT Wages	4136030	246,584	263,025	252,200	233,759	254,966	0
STP PT Wages	4136040	0	0	0	217	0	0
STP CPP	4136105	10,375	9,955	11,867	9,201	10,996	0
STP EI	4136110	3,972	4,167	4,111	3,658	3,952	0
STP EHT	4136115	4,808	5,255	4,918	4,601	4,972	0
STP Health Plan Contrib	4136120	15,213	16,769	18,596	20,753	16,532	0
STP OMERS	4136125	23,561	26,007	23,976	22,735	24,076	0
STP Insurance Contrib	4136130	10,357	10,067	10,512	7,586	10,627	0
STP WSIB	4136135	2,762	7,761	7,944	7,435	8,031	0
STP Misc Benefits	4136199	0	637	0	339	0	0
STP Chemicals	4137068	20,000	24,907	24,000	33,542	35,000	0
STP Contract Services	4137110	15,000	19,120	15,000	10,022	15,000	0
STP Insurance	4137250	2,744	7,831	13,153	15,294	17,892	0
STP Landfill Disposal	4137290	130,000	193,432	200,000	165,306	190,000	0
STP Materials & Supplies	4137400	46,200	37,294	45,000	39,988	40,000	0
STP Lab Test	4137480	12,000	10,789	12,000	9,454	12,000	0
STP Rent Own Equip	4137700	2,000	1,324	2,000	1,054	2,000	0
STP Repairs & Maintenance	4137750	25,000	25,002	25,000	5,644	15,000	0
STP Taxes & Licenses	4137820	51,996	50,809	51,019	49,952	50,158	0
STP Utilities	4137840	450,000	431,923	420,000	441,755	430,000	0
STP Training	4137850	8,000	5,666	8,000	7,729	9,000	0
		<b>1,092,944</b>	<b>1,151,743</b>	<b>1,161,897</b>	<b>1,090,025</b>	<b>1,181,703</b>	<b>0</b>
<b>Net Total</b>		<b>(1,092,944)</b>	<b>(1,145,745)</b>	<b>(1,161,897)</b>	<b>(1,090,025)</b>	<b>(1,181,703)</b>	<b>0</b>

# City of Kenora - Department Budget Request

## 414 - Water & Sewer General Vehicles & Equipment

	Account	2018		2019		2020	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>Expenditures</b>							
Warehouse FT Wages	3916030	11,257	0	11,428	0	0	0
Warehouse CPP	3916105	519	0	550	0	0	0
Warehouse EI	3916110	183	0	186	0	0	0
Warehouse EHT	3916115	220	0	223	0	0	0
Warehouse Health Plan Contrib	3916120	164	0	389	0	0	0
Warehouse OMERS	3916125	1,017	0	1,028	0	0	0
Warehouse Insurance Contrib	3916130	473	0	476	0	0	0
Warehouse WSIB	3916135	360	0	360	0	0	0
Garage & Shop FT Wages	3926030	39,238	0	43,264	0	55,539	0
Garage & Shop CPP	3926105	1,634	0	1,787	0	2,364	0
Garage & Shop EI	3926110	637	0	705	0	874	0
Garage & Shop EHT	3926115	765	0	844	0	1,083	0
Garage & Shop Health Plan Contrib	3926120	2,768	0	3,257	0	4,530	0
Garage & Shop OMERS	3926125	3,757	0	4,227	0	5,297	0
Garage & Shop Insurance Contrib	3926130	1,648	0	1,803	0	2,315	0
Garage & Shop WSIB	3926135	1,256	0	1,363	0	1,749	0
W&S Vehicles & Equip # 201 FT Wages	4142011	0	1,312	0	857	0	0
W&S Vehicles & Equip # 201 Materials & Supplies	4142013	2,000	1,861	1,500	2,031	2,500	0
W&S Vehicles & Equip # 201 Benefits	4142014	0	488	0	233	0	0
W&S Vehicles & Equip # 201 Diesel	4142018	2,250	1,681	2,250	1,749	2,200	0
W&S Vehicles & Equip # 201 Recovery	4142019	(7,000)	(5,234)	(4,800)	(5,316)	(4,800)	0
W&S Vehicles & Equip # 202 FT Wages	4142021	0	142	0	160	0	0
W&S Vehicles & Equip # 202 Materials & Supplies	4142023	600	498	500	451	500	0
W&S Vehicles & Equip # 202 Benefits	4142024	0	63	0	68	0	0
W&S Vehicles & Equip # 202 Gasoline	4142027	2,500	3,744	2,700	3,838	3,000	0
W&S Vehicles & Equip # 202 Recovery	4142029	(12,000)	(15,148)	(12,000)	(13,726)	(12,000)	0
W&S Vehicles & Equip # 203 FT Wages	4142031	0	369	0	814	0	0
W&S Vehicles & Equip # 203 Materials & Supplies	4142033	3,500	1,797	2,000	2,059	2,000	0
W&S Vehicles & Equip # 203 Benefits	4142034	0	97	0	256	0	0
W&S Vehicles & Equip # 203 Diesel	4142038	1,200	589	1,000	439	1,000	0
W&S Vehicles & Equip # 203 Recovery	4142039	(4,500)	(1,849)	(2,500)	(1,554)	(2,000)	0
W&S Vehicles & Equip # 204 FT Wages	4142041	0	1,433	0	650	0	0
W&S Vehicles & Equip # 204 Materials & Supplies	4142043	5,000	3,334	5,000	3,811	5,000	0
W&S Vehicles & Equip # 204 Benefits	4142044	0	601	0	314	0	0
W&S Vehicles & Equip # 204 Diesel	4142048	3,500	6,473	4,500	6,235	6,000	0
W&S Vehicles & Equip # 204 Recovery	4142049	(1,000)	(294)	(500)	(147)	(500)	0
W&S Vehicles & Equip # 205 FT Wages	4142051	0	475	0	513	0	0
W&S Vehicles & Equip # 205 Materials & Supplies	4142053	1,000	2,799	1,000	4,458	1,100	0
W&S Vehicles & Equip # 205 Benefits	4142054	0	135	0	162	0	0
W&S Vehicles & Equip # 205 Diesel	4142058	1,400	2,477	1,500	2,660	2,000	0
W&S Vehicles & Equip # 205 Recovery	4142059	(7,000)	(13,641)	(7,000)	(15,309)	(10,000)	0
W&S Vehicles & Equip # 206 FT Wages	4142061	0	969	0	969	0	0
W&S Vehicles & Equip # 206 Materials & Supplies	4142063	2,000	4,280	2,000	2,747	2,000	0
W&S Vehicles & Equip # 206 Benefits	4142064	0	361	0	237	0	0
W&S Vehicles & Equip # 206 Diesel	4142068	5,000	6,173	5,000	6,217	5,500	0
W&S Vehicles & Equip # 206 Recovery	4142069	(20,000)	(24,870)	(20,000)	(26,277)	(20,000)	0
W&S Vehicles & Equip # 207 FT Wages	4142071	0	251	0	48	0	0
W&S Vehicles & Equip # 207 Materials & Supplies	4142073	800	838	800	1,100	850	0
W&S Vehicles & Equip # 207 Benefits	4142074	0	101	0	0	0	0
W&S Vehicles & Equip # 207 Gasoline	4142077	1,500	3,505	2,500	2,907	2,500	0
W&S Vehicles & Equip # 207 Recovery	4142079	(6,500)	(10,880)	(8,000)	(11,340)	(9,000)	0
W&S Vehicles & Equip # 208 FT Wages	4142081	0	2,395	0	1,099	0	0
W&S Vehicles & Equip # 208 Materials & Supplies	4142083	1,800	5,246	2,000	3,498	2,500	0
W&S Vehicles & Equip # 208 Benefits	4142084	0	872	0	394	0	0
W&S Vehicles & Equip # 208 Diesel	4142088	4,200	5,319	4,200	5,477	5,000	0

W&S Vehicles & Equip # 208 Recovery	4142089	(16,500)	(17,394)	(16,000)	(18,418)	(16,000)	0
W&S Vehicles & Equip # 209 FT Wages	4142091	0	504	0	0	0	0
W&S Vehicles & Equip # 209 Materials & Supplies	4142093	500	0	500	23	500	0
W&S Vehicles & Equip # 209 Benefits	4142094	0	157	0	0	0	0
W&S Vehicles & Equip # 209 Diesel	4142098	500	55	200	0	200	0
W&S Vehicles & Equip # 209 Recovery	4142099	(1,500)	0	0	0	0	0
W&S Vehicles & Equip # 210 FT Wages	4142101	0	0	0	160	0	0
W&S Vehicles & Equip # 210 Materials & Supplies	4142103	500	0	500	170	500	0
W&S Vehicles & Equip # 210 Benefits	4142104	0	(3)	0	75	0	0
W&S Vehicles & Equip # 210 Diesel	4142108	200	0	200	0	200	0
W&S Vehicles & Equip # 210 Recovery	4142109	(1,140)	(608)	(1,000)	(133)	(1,000)	0
W&S Vehicles & Equip # 211 Materials & Supplies	4142113	200	0	100	0	100	0
W&S Vehicles & Equip # 212 FT Wages	4142121	0	682	0	1,008	0	0
W&S Vehicles & Equip # 212 Materials & Supplies	4142123	1,500	1,120	1,000	2,177	1,000	0
W&S Vehicles & Equip # 212 Benefits	4142124	0	245	0	241	0	0
W&S Vehicles & Equip # 212 Diesel	4142128	1,000	0	1,000	2,653	2,000	0
W&S Vehicles & Equip # 212 Recovery	4142129	(10,000)	(9,966)	(10,000)	(9,162)	(10,000)	0
W&S Vehicles & Equip # 213 FT Wages	4142131	0	59	0	24	0	0
W&S Vehicles & Equip # 213 Materials & Supplies	4142133	500	13	500	30	500	0
W&S Vehicles & Equip # 214 FT Wages	4142141	0	398	0	389	0	0
W&S Vehicles & Equip # 214 Materials & Supplies	4142143	800	928	700	868	800	0
W&S Vehicles & Equip # 214 Benefits	4142144	0	109	0	135	0	0
W&S Vehicles & Equip # 214 Gasoline	4142147	2,100	2,218	2,000	905	1,500	0
W&S Vehicles & Equip # 214 Recovery	4142149	(14,000)	(13,940)	(14,000)	(4,049)	(5,000)	0
W&S Vehicles & Equip # 215 FT Wages	4142151	0	681	0	271	0	0
W&S Vehicles & Equip # 215 Materials & Supplies	4142153	500	981	500	737	(500)	0
W&S Vehicles & Equip # 215 Benefits	4142154	0	416	0	142	0	0
W&S Vehicles & Equip # 215 Gasoline	4142157	1,000	1,012	1,000	1,244	1,500	0
W&S Vehicles & Equip # 215 Recovery	4142159	(1,500)	(492)	(1,500)	(9,024)	(10,000)	0
W&S Vehic-# 216-02 VanduraFT Wages	4142161	0	59	0	64	0	0
W&S Vehic-# 216-02 Vandura-Materials	4142163	500	522	500	538	500	0
W&S Vehicles & Equip-# 216-Benefits	4142164	0	13	0	29	0	0
W&S Vehic-# 216-02 Vandura-Gasoline	4142167	1,000	1,638	1,400	1,586	1,500	0
W&S Vehicles & Equip # 216-02 Vandura-Recovery	4142169	(4,500)	(11,960)	(8,500)	(11,980)	(10,000)	0
W&S Vehicles & Equip # 217 FT Wages	4142171	0	1,323	0	371	0	0
W&S Vehicles & Equip # 217 Materials & Supplies	4142173	4,000	2,229	2,000	3,760	3,000	0
W&S Vehicles & Equip # 217 Benefits	4142174	0	601	0	108	0	0
W&S Vehicles & Equip # 217 Diesel	4142178	2,000	1,848	2,000	1,167	2,000	0
W&S Vehicles & Equip # 217 Recovery	4142179	(13,529)	(11,468)	(13,529)	(6,901)	(12,005)	0
W&S Vehicles & Equip # 218 FT Wages	4142181	0	2,461	0	3,113	0	0
W&S Vehicles & Equip # 218 Materials & Supplies	4142183	5,000	12,273	8,000	12,046	7,000	0
W&S Vehicles & Equip # 218 Benefits	4142184	0	846	0	774	0	0
W&S Vehicles & Equip # 218 Diesel	4142188	7,500	15,561	11,000	9,287	10,000	0
W&S Vehicles & Equip # 218 Recovery	4142189	(28,000)	(54,843)	(40,000)	(34,476)	(35,000)	0
W&S Vehicles & Equip # 219 FT Wages	4142191	0	2,311	0	625	0	0
W&S Vehicles & Equip # 219 Materials & Supplies	4142193	2,000	6,215	1,800	2,426	2,000	0
W&S Vehicles & Equip # 219 Benefits	4142194	0	973	0	135	0	0
W&S Vehicles & Equip # 219 Diesel	4142198	1,500	1,336	1,400	1,823	1,600	0
W&S Vehicles & Equip # 219 Recovery	4142199	(12,000)	(13,869)	(12,000)	(18,666)	(15,000)	0
W&S Vehicles & Equip # 220 FT Wages	4142201	0	177	0	64	0	0
W&S Vehicles & Equip # 220 Materials & Supplies	4142203	500	462	500	390	500	0
W&S Vehicles & Equip # 220 Benefits	4142204	0	38	0	14	0	0
W&S Vehicles & Equip # 220 Gasoline	4142207	1,500	888	1,400	683	1,000	0
W&S Vehicles & Equip # 220 Recovery	4142209	(7,000)	0	(2,500)	(128)	(1,000)	0
W&S Vehicles & Equip # 221 FT Wages	4142211	0	463	0	1,240	0	0
W&S Vehicles & Equip # 221 Materials & Supplies	4142213	500	2,056	500	1,623	1,500	0
W&S Vehicles & Equip # 221 Benefits	4142214	0	175	0	233	0	0
W&S Vehicles & Equip # 221 Gasoline	4142217	2,700	4,246	3,000	3,080	3,000	0
W&S Vehicles & Equip # 221 Recovery	4142219	(11,000)	(13,000)	(11,000)	(10,416)	(11,000)	0
W&S Vehicles & Equip # 222 FT Wages	4142221	0	501	0	60	0	0
W&S Vehicles & Equip # 222 Materials & Supplies	4142223	500	768	500	412	500	0
W&S Vehicles & Equip # 222 Benefits	4142224	0	121	0	13	0	0

W&S Vehicles & Equip # 222 Gasoline	4142227	1,000	1,918	1,200	1,529	1,500	0
W&S Vehicles & Equip # 222 Recovery	4142229	(4,000)	(13,212)	(10,000)	(11,564)	(11,000)	0
W&S Vehicles & Equip # 223 FT Wages	4142231	0	387	0	740	0	0
W&S Vehicles & Equip # 223 Materials & Supplies	4142233	500	904	500	695	1,000	0
W&S Vehicles & Equip # 223 Benefits	4142234	0	142	0	269	0	0
W&S Vehicles & Equip # 223 Gasoline	4142237	1,000	1,126	1,000	1,326	1,200	0
W&S Vehicles & Equip # 223 Recovery	4142239	(3,500)	(4,848)	(3,500)	(5,102)	(4,000)	0
W&S Vehicles & Equip # 224 FT Wages	4142241	0	457	0	351	0	0
W&S Vehicles & Equip # 224 Materials & Supplies	4142243	500	4,135	800	1,145	800	0
W&S Vehicles & Equip # 224 Benefits	4142244	0	130	0	149	0	0
W&S Vehicles & Equip # 224 Gasoline	4142247	2,600	3,321	2,600	3,048	3,000	0
W&S Vehicles & Equip # 224 Recovery	4142249	(500)	0	0	0	0	0
W&S Vehicles-2016 GMC pickup -FT Wages	4142251	0	195	0	375	0	0
W&S Vehicle-2016 GMC pickup -Materials	4142253	500	393	500	663	500	0
W&S Vehicles & Equip-#225 -Benefits	4142254	0	65	0	151	0	0
W&S Vehicles-2016 GMC pickup -Gasoline	4142257	1,300	1,701	1,300	1,258	1,300	0
W&S Vehicles-2016 GMC pickup -Recovery	4142259	0	0	0	(3,082)	0	0
W&S Vehicles & Equip Insurance	4147250	10,346	11,855	13,720	13,633	12,997	0
W&S Vehicles & Equip Unassigned FT Wages	4149991	0	723	0	306	0	0
W&S Vehicles & Equip Unassigned M&S	4149993	10,500	23,879	10,000	17,201	13,000	0
W&S Vehicles & Equip Unassigned Gasoline	4149997	300	0	0	0	0	0
W&S Vehicles & Equip Unassigned Diesel	4149998	800	0	0	0	0	0
W&S Vehicles & Equip Unassigned Recovery	4149999	0	0	0	(10)	0	0
		<b>(14,677)</b>	<b>(55,828)</b>	<b>(14,169)</b>	<b>(60,575)</b>	<b>(4,206)</b>	<b>0</b>
<b>Net Total</b>		<b>14,677</b>	<b>55,828</b>	<b>14,169</b>	<b>60,575</b>	<b>4,206</b>	<b>0</b>

# City of Kenora - Department Budget Request

## 431 - Waterworks

	Account	2018		2019		2020	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>Revenues</b>							
Waterworks User Fee Water - Metered Revenue	4314731	2,132,718	1,919,875	2,250,017	1,774,597	2,373,768	0
Waterworks User Fee Water Monthly Service Crg	4314732	2,431,959	2,649,054	2,609,418	2,627,336	2,774,797	0
Waterworks User Fee Water Purchased	4314737	70,000	69,109	70,000	40,581	50,000	130
Waterworks User Fee Other Service Charges	4314739	40,000	65,182	40,000	71,202	50,000	250
		<b>4,674,677</b>	<b>4,703,219</b>	<b>4,969,435</b>	<b>4,513,717</b>	<b>5,248,565</b>	<b>380</b>
<b>Expenditures</b>							
Roads Maintenance FT Wages	3116030	63,692	0	63,289	0	31,636	0
Roads Maintenance CPP	3116105	3,082	0	3,165	0	1,649	0
Roads Maintenance EI	3116110	1,038	0	1,032	0	500	0
Roads Maintenance EHT	3116115	1,242	0	1,234	0	617	0
Roads Maintenance Health Plan Contrib	3116120	4,939	0	5,628	0	3,606	0
Roads Maintenance OMERS	3116125	5,732	0	5,696	0	2,847	0
Roads Maintenance Insurance Contrib	3116130	2,675	0	2,638	0	1,319	0
Roads Maintenance WSIB	3116135	1,215	0	1,195	0	997	0
Engineering FT Wages	3956030	0	0	0	0	48,576	0
Engineering CPP	3956105	0	0	0	0	1,374	0
Engineering EI	3956110	0	0	0	0	522	0
Engineering EHT	3956115	0	0	0	0	947	0
Engineering Health Plan Contrib	3956120	0	0	0	0	2,428	0
Engineering OMERS	3956125	0	0	0	0	5,448	0
Engineering Insurance Contrib	3956130	0	0	0	0	270	0
Engineering WSIB	3956135	0	0	0	0	1,530	0
Sanitary System FT Wages	4116030	382,163	0	353,189	0	331,198	0
Sanitary System CPP	4116105	15,756	0	14,982	0	13,964	0
Sanitary System EI	4116110	5,998	0	5,498	0	4,976	0
Sanitary System EHT	4116115	7,452	0	6,887	0	6,458	0
Sanitary System Health Plan Contrib	4116120	21,849	0	22,683	0	25,549	0
Sanitary System OMERS	4116125	35,168	0	34,101	0	31,773	0
Sanitary System Insurance Contrib	4116130	14,683	0	13,333	0	12,389	0
Sanitary System WSIB	4116135	4,280	0	11,125	0	10,433	0
Waterworks FT Wages	4316030	103,432	196,793	104,984	208,330	107,084	0
Waterworks PT Wages	4316040	0	386	0	1,223	0	0
Waterworks CPP	4316105	2,594	6,023	2,749	6,839	2,749	0
Waterworks EI	4316110	1,093	2,525	1,092	2,693	1,045	0
Waterworks EHT	4316115	2,017	3,955	2,047	4,296	2,088	0
Waterworks Health Plan Contrib	4316120	4,908	11,896	5,581	11,053	6,604	0
Waterworks OMERS	4316125	11,971	21,698	12,113	22,669	12,347	0
Waterworks Insurance Contrib	4316130	1,314	3,808	1,300	3,763	1,326	0
Waterworks WSIB	4316135	1,158	4,644	3,307	6,456	3,373	0
Waterworks Misc Benefits	4316199	0	0	0	200	0	0
Waterworks Connect/Repair FT Wages	4316911	0	322,565	0	394,265	0	0
Waterworks Connect/Repair Contract Services	4316912	130,000	44,996	130,000	24,145	70,000	0
Waterworks Connect/Repair Materials & Supplies	4316913	65,000	70,006	55,000	44,467	50,000	0
Waterworks Connect/Repair Benefits	4316914	0	96,883	0	128,453	0	0
Waterworks Connect/Repair Rent Non-Owned Equip	4316915	1,000	0	1,000	0	0	0
Waterworks Connect/Repair Rent Own Equip	4316916	65,000	81,989	70,000	85,729	80,000	0

Waterworks Connect/Repair Utilities	4316918	45,000	29,346	45,000	3,736	10,000	0
Waterworks In-House Asphalt Repair FT Wages	4316921	0	282	0	4,685	0	0
Waterworks In-House Asphalt Repair Mat & Supp	4316923	0	0	0	9,212	0	0
Waterworks In-House Asphalt Repair Rent Own Equip	4316926	0	0	0	2,639	0	0
Waterworks Meters FT Wages	4316941	0	35,161	0	31,059	0	0
Waterworks Meters Materials & Supplies	4316943	25,000	43,786	32,000	15,300	40,000	0
Waterworks Meters Benefits	4316944	0	10,992	0	9,895	0	0
Waterworks Meters Rent Own Equip	4316946	0	8,683	6,000	198	200	0
Waterworks WAC FT Wages	4316961	0	0	0	743	0	0
Waterworks Summer Service FT Wages	4316981	20,000	14,368	0	18,013	0	0
Waterworks Summer Service Materials & Supplies	4316983	5,000	2,509	4,000	1,043	5,000	0
Waterworks Summer Service Benefits	4316984	0	5,123	4,000	5,578	0	0
Waterworks Summer Service Rent Own Equip	4316986	3,500	3,074	4,000	3,669	4,000	0
Waterworks Fire Hydrants FT Wages	4316991	10,000	20,357	0	26,692	0	0
Waterworks Fire Hydrants Materials & Supplies	4316993	20,000	14,626	25,000	13,497	20,000	0
Waterworks Fire Hydrants Benefits	4316994	0	5,354	4,000	7,682	0	0
Waterworks Fire Hydrants Rent Own Equip	4316996	4,000	8,334	6,000	7,088	9,700	0
Waterworks Fire Hydrants Hydrant Rent	4316999	(68,375)	(68,375)	(68,375)	(68,375)	(68,375)	0
Waterworks Admin	4317020	116,347	116,347	116,646	116,646	123,598	0
Waterworks Alloc Bill & Collect	4317021	203,718	145,356	212,870	212,870	183,618	0
Waterworks-General-Advertising	4317040	0	0	500	0	0	0
Waterworks Meter Reading	4317046	1,500	44	1,500	0	0	0
Waterworks Alloc Garage	4317047	86,594	86,594	86,121	86,121	70,415	0
Waterworks Bad Debt	4317065	0	9,078	0	0	0	0
Waterworks Contract Services	4317110	3,000	2,529	10,100	9,587	4,500	0
Waterworks Insurance	4317250	9,165	23,520	18,976	21,613	19,555	0
Waterworks Interest & Bank	4317260	0	223	0	1,205	0	0
Waterworks - Debt Interest	4317265	7,731	7,731	5,230	0	2,654	0
Waterworks-Legal	4317300	0	0	0	46,949	40,000	0
Waterworks Materials & Supplies	4317400	22,400	30,574	25,000	19,669	31,300	0
Waterworks Building Rent	4317680	20,899	14,577	28,814	28,814	16,421	0
Waterworks Rent Own Equip	4317700	50,000	60,649	50,000	68,736	50,000	0
Waterworks Taxes & Licenses	4317820	39,249	39,058	39,629	39,518	40,049	0
Waterworks Utilities	4317840	20,000	17,359	18,000	13,413	17,000	0
Waterworks Training	4317850	30,000	23,117	30,000	25,899	30,000	0
Waterworks Work Orders FT Wages	4317931	0	22,998	0	20,427	0	0
Waterworks Work Orders Materials & Supplies	4317933	0	(202)	0	0	0	0
Waterworks Work Orders Benefits	4317934	0	8,751	0	6,943	0	0
Waterworks Work Orders Rent Own Equip	4317936	0	27,041	23,000	27,483	25,000	0
		<b>1,635,182</b>	<b>1,637,134</b>	<b>1,662,858</b>	<b>1,782,826</b>	<b>1,552,257</b>	<b>0</b>
<b>Net Total</b>		<b>3,039,495</b>	<b>3,066,086</b>	<b>3,306,577</b>	<b>2,730,891</b>	<b>3,696,308</b>	<b>380</b>

# City of Kenora - Department Budget Request

## 432 - General Water Standpipe/Booster Stations

	Account	2018		2019		2020	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>Revenues</b>							
Standpipe & Booster-Appropriation from Reserves	4320057	0	23,000	0	0	0	0
		0	23,000	0	0	0	0
<b>Expenditures</b>							
Standpipe & Booster FT Wages	4326030	0	0	0	1,519	0	0
Standpipe & Booster Contract Services	4327110	5,000	17,109	15,000	6,066	5,000	0
Standpipe & Booster Materials & Supplies	4327400	0	0	20,000	10,082	20,000	0
Standpipe & Booster Rent Own Equip	4327700	0	0	0	70	0	0
Standpipe & Booster Utilities	4327840	23,000	28,918	25,000	50,589	45,000	0
Standpipe & Booster-Zone 1 Tank-Materials & Supp	4329703	4,000	0	0	0	0	0
Standpipe & Booster Zone 2 Tank Materials & Suppli	4329713	4,000	0	0	0	0	0
Standpipe & Booster Kee Tank Materials & Supplies	4329723	5,000	0	0	0	0	0
Standpipe & Booster Evergrn Boost Materials & Supp	4329733	2,000	1,055	0	591	0	0
Standpipe & Boost-Evergrn Boost-Rent Own Equip	4329736	0	0	0	8	0	0
Standpipe & Booster P Prtg Boost FT Wages	4329741	0	141	0	0	0	0
Standpipe & Booster P Prtg Boost Materials & Suppl	4329743	1,000	666	0	494	0	0
Standpipe & Booster Norm Boost Materials & Supplie	4329753	10,000	6,360	0	0	0	0
Standpipe & Booster Norm Boost Rent Own Equip	4329756	0	16	0	0	0	0
Standpipe & Booster Arp Rd Boost1 Materials & Supp	4329763	3,000	0	0	0	0	0
Standpipe & Booster Arp Rd Boost2 M&S	4329773	4,000	753	0	0	0	0
Standpipe & Booster Cr Rd Boost Materials & Suppli	4329783	8,000	5,559	0	0	0	0
		69,000	60,578	60,000	69,419	70,000	0
<b>Net Total</b>		<b>(69,000)</b>	<b>(37,578)</b>	<b>(60,000)</b>	<b>(69,419)</b>	<b>(70,000)</b>	<b>0</b>



# City of Kenora - Department Budget Request

## 433 - Water Treatment Plant

	Account	2018		2019		2020	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>Expenditures</b>							
Sanitary System FT Wages	4116030	0	0	0	0	18,458	0
Sanitary System CPP	4116105	0	0	0	0	715	0
Sanitary System EI	4116110	0	0	0	0	272	0
Sanitary System EHT	4116115	0	0	0	0	360	0
Sanitary System Health Plan Contrib	4116120	0	0	0	0	1,562	0
Sanitary System OMERS	4116125	0	0	0	0	1,840	0
Sanitary System Insurance Contrib	4116130	0	0	0	0	769	0
Sanitary System WSIB	4116135	0	0	0	0	581	0
WTP FT Wages	4336030	289,084	315,127	293,827	309,415	293,827	0
WTP PT Wages	4336040	9,600	8,137	10,880	9,506	10,880	0
WTP CPP	4336105	11,758	11,259	12,499	11,237	12,543	0
WTP EI	4336110	4,825	4,780	9,747	4,500	4,645	0
WTP EHT	4336115	5,824	6,409	5,933	6,304	5,933	0
WTP Health Plan Contrib	4336120	17,449	19,692	14,237	12,181	17,946	0
WTP OMERS	4336125	28,658	31,543	28,936	30,614	28,645	0
WTP Insurance Contrib	4336130	3,454	3,863	3,402	3,267	3,402	0
WTP WSIB	4336135	3,345	9,206	9,585	10,186	9,585	0
WTP Misc Benefits	4336199	0	1,400	0	965	0	0
WTP Chemicals	4337068	165,000	216,334	200,000	202,329	200,000	0
WTP Contract Services	4337110	18,000	21,099	16,000	11,544	15,000	0
WTP Insurance	4337250	3,997	3,957	4,035	4,681	5,467	0
WTP Materials & Supplies	4337400	41,200	41,748	35,000	17,051	36,300	0
WTP Lab Test	4337480	25,000	24,144	25,000	25,158	35,000	0
WTP Office	4337550	0	427	0	39	0	0
WTP Rent Own Equip	4337700	0	1,248	1,500	716	1,500	0
WTP Repairs & Maintenance	4337750	15,000	19,394	15,000	13,649	18,000	0
WTP Subscript & Memberships	4337800	1,000	697	1,000	723	0	0
WTP Taxes & Licenses	4337820	110,672	108,145	108,145	105,882	105,882	0
WTP Utilities	4337840	275,000	256,896	240,000	235,810	225,000	0
WTP Training	4337850	10,000	10,435	10,000	10,666	12,000	0
		<b>1,038,866</b>	<b>1,115,938</b>	<b>1,044,727</b>	<b>1,026,421</b>	<b>1,066,112</b>	<b>0</b>
<b>Net Total</b>		<b>(1,038,866)</b>	<b>(1,115,938)</b>	<b>(1,044,727)</b>	<b>(1,026,421)</b>	<b>(1,066,112)</b>	<b>0</b>



*Capital Projections*

Appendix 3



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

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
<b>Wastewater System</b>						
20.411.01	Wastewater collection program	1,100,000	-	-	-	1,100,000
20.411.02	Manhole covers	50,000	-	-	-	50,000
20.411.03	Supportive housing easement	75,000	-	-	-	75,000
U20.411.01	Sanitary sewer CCTV	100,000	-	-	-	100,000
U20.411.02	Long term financial plan	20,000	-	-	-	20,000
<b>Wastewater Lift Stations</b>						
20.412.01	North Hamilton	200,000	-	-	-	200,000
20.412.02	Replacement of sewer pumps	50,000	-	-	-	50,000
20.412.03	Installation of VFD's	100,000	-	-	-	100,000
20.412.04	Delta to Wye conversion	50,000	-	-	-	50,000
<b>Wastewater Treatment Plant</b>						
20.413.01	Replacement of valves	50,000	-	-	-	50,000
20.413.02	Replacement of leaking roofs in 3 buildings	400,000	-	-	-	400,000
20.413.03	Chlorine contact chamber	900,000	-	-	-	900,000
20.413.04	Replace existing blowers	600,000	200,000	-	-	400,000
<b>W&amp;WW Vehicles &amp; Equipment</b>						
20.414.01	3/4 ton truck with hoist	65,000	-	-	-	65,000
20.414.02	Rock hammer	56,000	-	-	-	56,000
<b>Waterworks</b>						
20.431.01	Water main program	1,125,000	-	-	-	1,125,000
20.431.02	Valve exercising	25,000	-	-	-	25,000
20.431.03	Watermain flushing program	65,000	-	-	-	65,000
<b>General Water Standpipe/Booster Stations</b>						
20.432.01	Replacement of pumps	37,000	-	-	-	37,000
<b>Water Treatment Plant</b>						
20.433.01	Replacement of valves	50,000	-	-	-	50,000
20.433.02	Replacement of windows	100,000	-	-	-	100,000
20.433.03	Generator replacement	1,000,000	-	-	1,000,000	-
20.433.04	Second story caulking, pointing and window flashing	20,000	-	-	-	20,000
20.433.05	Roof replacement carryforward	650,000	-	-	-	650,000
<b>FUNCTIONAL TOTALS</b>		<b>6,888,000</b>	<b>200,000</b>	<b>-</b>	<b>1,000,000</b>	<b>5,688,000</b>

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

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
<b>Wastewater System</b>						
21.411.01	Wastewater Collection Program	1,500,000	-	-	-	1,500,000
21.411.02	Manhole Covers	50,000	-	-	-	50,000
U21.411.01	Sanitary Sewer CCTV	100,000	-	-	-	100,000
<b>Wastewater Lift Stations</b>						
21.412.01	Replacement of Sewer Pumps	50,000	-	-	-	50,000
21.412.02	Renovation of Preston and 8th	400,000	-	-	-	400,000
21.412.03	Delta to Wye conversion	50,000	-	-	-	50,000
<b>Wastewater Treatment Plant</b>						
21.413.01	Replace worn out valves	50,000	-	-	-	50,000
21.413.02	Instrumentation and SCADA	150,000	-	-	-	150,000
<b>W&amp;WW Vehicles &amp; Equipment</b>						
21.414.01	Pipe Thaw Machine	85,000	-	-	-	85,000
21.414.02	Vactor Flusher	384,000	-	-	-	384,000
<b>Waterworks</b>						
21.431.01	Watermain Program	1,500,000	-	-	-	1,500,000
21.431.02	Valve exercising	25,000	-	-	-	25,000
21.431.03	Watermain Flushing Program	100,000	-	-	-	100,000
<b>General Water Standpipe/Booster Stations</b>						
21.432.01	Instrumentation Upgrading	100,000	-	-	-	100,000
<b>Water Treatment Plant</b>						
21.433.01	Replacement of Valves	50,000	-	-	-	50,000
21.433.02	Online log book entry system	100,000	-	-	-	100,000
<b>FUNCTIONAL TOTALS</b>		<b>4,694,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,694,000</b>

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

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
<b>Wastewater System</b>						
22.411.01	Sanitary main program	1,500,000	-	-	-	1,500,000
22.411.02	Manhole covers	50,000	-	-	-	50,000
22.411.03	DTR Harbourfront	400,000	-	-	400,000	-
U22.411.01	Sanitary sewer CCTV	100,000	-	-	-	100,000
<b>Wastewater Lift Stations</b>						
22.412.01	Fellowship centre & matheson	400,000	-	-	-	400,000
22.412.02	Replacement of sewage pumps	50,000	-	-	-	50,000
<b>Wastewater Treatment Plant</b>						
22.413.01	Repair of sluice gate valve	100,000	-	-	-	100,000
22.413.02	Replace worn out valves	25,000	-	-	-	25,000
<b>W&amp;WW Vehicles &amp; Equipment</b>						
22.414.01	Pickup	42,000	-	-	-	42,000
22.414.02	Water tanker	160,000	-	-	-	160,000
<b>Waterworks</b>						
22.431.01	Water main program	1,500,000	-	-	-	1,500,000
22.431.02	Valve exercizing	25,000	-	-	-	25,000
22.431.03	Watermain flushing program	100,000	-	-	-	100,000
22.431.04	DTR Harbourfront	550,000	-	-	550,000	-
<b>Water Standpipes and Booster Station</b>						
22.432.01	Upgrading standpipes	200,000	-	-	-	200,000
<b>Water Treatment Plant</b>						
22.433.01	Instrumentation upgrading	50,000	-	-	-	50,000
22.433.02	Odor/taste removal unit	500,000	-	-	-	500,000
<b>FUNCTIONAL TOTALS</b>		<b>5,752,000</b>	<b>-</b>	<b>-</b>	<b>950,000</b>	<b>4,802,000</b>

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

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	<b>Wastewater System</b>					
23.411.01	Wastewater collection program	1,500,000	-	-	-	1,500,000
23.411.02	Manhole covers	50,000	-	-	-	50,000
U23.411.01	Sanitary sewer CCTV	100,000	-	-	-	100,000
	<b>Wastewater Lift Stations</b>					
23.412.01	Sultana sewer pumps	200,000	-	-	-	200,000
23.412.02	Davies and golf course	200,000	-	-	-	200,000
	<b>Wastewater Treatment Plant</b>					
23.413.01	Replace worn out valves	25,000	-	-	-	25,000
23.413.02	Building renovation	100,000	-	-	-	100,000
	<b>W&amp;WW Vehicles &amp; Equipment</b>					
23.414.01	Sewer lift truck	70,000	-	-	-	70,000
23.414.02	3/4 Pickup truck with plow	65,000	-	-	-	65,000
23.414.03	Pickup truck	43,000	-	-	-	43,000
	<b>Waterworks</b>					
23.431.01	Water main program	1,500,000	-	-	-	1,500,000
23.431.02	Valve exercising	25,000	-	-	-	25,000
	<b>Water Standpipe/Booster Stations</b>					
23.432.01	Upgrading water booster station	100,000	-	-	-	100,000
	<b>Water Treatment Plant</b>					
23.433.01	Replacement of valves	25,000	-	-	-	25,000
	<b>FUNCTIONAL TOTALS</b>	<b>4,003,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,003,000</b>

CITY OF KENORA - WATER & WASTEWATER OPERATIONS  
 CAPITAL & UNUSUAL SPEND BUDGET  
 2024

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
<b>Wastewater System</b>						
24.411.01	Wastewater collection program	1,500,000	-	-	-	1,500,000
24.411.02	Manhole covers	50,000	-	-	-	50,000
U24.411.01	Sanitary sewer CCTV	100,000	-	-	-	100,000
<b>Wastewater Lift Stations</b>						
24.412.01	Replacement of wastewater pumps	50,000	-	-	-	50,000
24.412.02	Replacement of 100 main st pumps	150,000	-	-	-	150,000
<b>Wastewater Treatment Plant</b>						
24.413.01	Replace worn out valves	25,000	-	-	-	25,000
<b>W&amp;WW Vehicles &amp; Equipment</b>						
24.414.01	Meter read SUV	44,000	-	-	-	44,000
24.414.02	Vac-All	275,000	-	-	-	275,000
<b>Waterworks</b>						
24.431.01	Water main program	1,500,000	-	-	-	1,500,000
24.431.02	Watermain valves exercising	25,000	-	-	-	25,000
<b>General Water Standpipe/Booster Stations</b>						
24.432.01	Upgrading Brinkman	80,000	-	-	-	80,000
<b>Water Treatment Plant</b>						
24.433.01	Replacement of valves	50,000	-	-	-	50,000
<b>FUNCTIONAL TOTALS</b>		<b>3,849,000</b>	-	-	-	<b>3,849,000</b>