



Water and Sewer
Budgets

The City of Kenora, Ontario, Canada

Lake of the Woods
KENORA



Table of Contents

System Information

Water & Sewer Operations	3
Hiring and Certification of Employees	3
Safe Drinking Water Act - What Does it Mean to the City?	4
Existing Water & Sewer Infrastructure	6

Budget Overview

2016 Budget Highlights	8
Rate Structure	8
Actual and Projected System Funding Available	9

Discussion Items

Water Meter Program	10
Potential Risks	10

Detailed Budget Schedules

Analysis of System Funding Available – Actual and Projected	Appendix 1
---	-------------------

Operating Budget	Appendix 2
------------------	-------------------

- Water & Sewer Operating Budget
- Sanitary System Budget Request
- Sewer Lift Stations Budget Request
- Sewage Treatment Plant Budget Request
- Water & Sewer Vehicles Budget Request
- Waterworks Budget Request
- Water Standpipes / Booster Stations Budget Request
- Water Treatment Plant Budget Request

Capital Projections	Appendix 3
---------------------	-------------------

- Five Year Capital Projections
- 2016 Capital Projections
- 2017 Capital Projections
- 2018 Capital Projections
- 2019 Capital Projections
- 2020 Capital Projections



Water & Sewer Operations

The City's water & sewer operations through its water and sewer system provide clean drinking water and treatment of waste water to the City residents. Today, however, significant pockets of the City remain un-served by these operations. Extension of these services to the whole City is too costly with City's own resources due to the size of the community. Provision of extending to these areas is possible only with funding through senior levels of government.

The City, once incorporated on 1 January 2000, has run its Water & Sanitary Sewer operations as a separate utility, funding operations fully through user fees. For 2016, the City's water operations treated and distributed about 2.60 million cubic meters of clean water with a sewage treatment volume of 2.78 million cubic meters for the same period.

The City's water and sewer operations are staffed by a complement of 24 full time employees. The staffing complement is represented by:

- 4 water treatment plant operators;
- 4 sewage treatment plant operators;
- 11 water and sewer operators;
- 1 meter reader;
- 2 electricians; and
- 2 supervisors

In addition, the City uses staff from its roads department to supplement water & sewer 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. With the MOE regulations presently in place it takes a minimum of three (3) years to fully certify an employee to the same classification as the system on which he/she is working. Water Treatment staff require four (4) years to become fully certified.



*System
Information*

Water & Sewer Operations

Hiring and Certification of Employees



Current staffing Certifications are as follows:

Water Treatment Plant (WT Class 3)

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

Wastewater Treatment Plant (WWT Class 2)

- 3 - Class 2 Wastewater Treatment
- 1 - OIT 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
- 1 - Class OIT Water Distribution and Wastewater Collection
- 1 - Meter Reader with OIT Water Distribution and Wastewater Collection



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 one 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 QMS.

As both the Owner and the Operating Authority of our municipal drinking water system, the City of Kenora has already established its ongoing

The current MOECC issued Municipal Drinking Water License (License Number 228-101) ON June 2, 2011 is going to expire on May 31, 2016. Application with all the requirements for renewal have already been submitted in November, 2016 to the ministry and renewal is on process. The renewed license will be valid for another five years.

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



The current Certificate of Accreditation (Full Scope – Entire DWQMS, CERT – 006817) issued on August 7, 2013 completes its three year cycle on August 6, 2016. The existing Certificate of Accreditation will be replaced with the new one after completion of third party systems auditing by QMS-SAI Global, the City contracted and MOECC approved accrediting body for City's auditing activities.

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. BMA Management Consulting Inc (BMA) hired by City submitted its report and the City Council later approved the submitted water and wastewater Long Range Financial Plan as required under the SDWA 2002 and Ontario Regulation 453/07.



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



Existing Water & Sewer Infrastructure

Infrastructure related to the City's Water & Sewer operations includes over 140 km of water mains and services and 136 km of sanitary sewer mains, as well as both water and sewage treatment plants. Unique to Kenora from many other Northern municipalities, the City's topological layout requires 5 water booster pumping stations for different pressure zones, 64 sewage pumping stations and maintenance of about 350 residential and business grinder pumps, adding both to the complexity and costs related to maintaining the Kenora wastewater collection systems. In addition, the City is also responsible for the ongoing repair and maintenance, as well as eventual replacement, of about 4,908 water service and about 4,846 sewer service connections within its water system. This also includes operation and maintenance of some summer services like Coney Island's water and sewer service.

The replacement of utility mains infrastructure is based on deteriorated piping, requiring replacement due to age, capacity and technology. Sanitary mains can be televised to determine remaining useful life and the condition. 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.

The City currently has some water mains that is in excess of 100 years old. The expected lifespan of mains is only 50 years. This represents a significant area of risk for the City. The consequences of not repairing our municipal infrastructure will eventually lead to a complete failure of it.



*System
Information*

Existing Water & Sewer
Infrastructure



2016 Budget Highlights

The 2016 operating budget projects total combined revenues of \$7.6 million and expenditures of \$5.8 million, resulting in a system operating surplus of approximately \$2.0 million before local improvement revenues and capital expenditures. Proposed capital expenditures for 2016 are \$3.1 million of which none are expected to be externally funded. Larger value projects included in the 2016 capital expenditures are as follows:

- Sanitary Sewer Program (\$.75 million)
- Fuel tank upgrading (\$.3 million)
- Water Main Program (\$.75 million)
- Sewer Suction Truck (\$.2 million)

Rate Structure

There continues to be a shortfall in ongoing water & sewer system operations as a means of sufficiently funding ongoing system capital requirements. Options open 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 & sewer systems. To compound this problem, new legislated requirements on water and sewer 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 & sewer operations, or the quality of the water produced. As such, service level reductions or decreased water & sewer 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. The City has been experiencing challenges with an underfunded program for replacement of existing assets as they come due for replacement. Accordingly, the City has adopted a 10% increase in water and sewer rates for 2015 and 2016. Rates will again increase in 2017 and 2018, but by 8% per year. For 2019-2021, rates will increase by 5.5% annually.

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 and therefore, shows fewer funds available for capital. Despite this, the City's forecast as included in this Five Year Plan, does start to generate reserves and slowly catch up on the immense infrastructure deficit.



Budget Overview

2016 Budget Highlights

Rate Structure



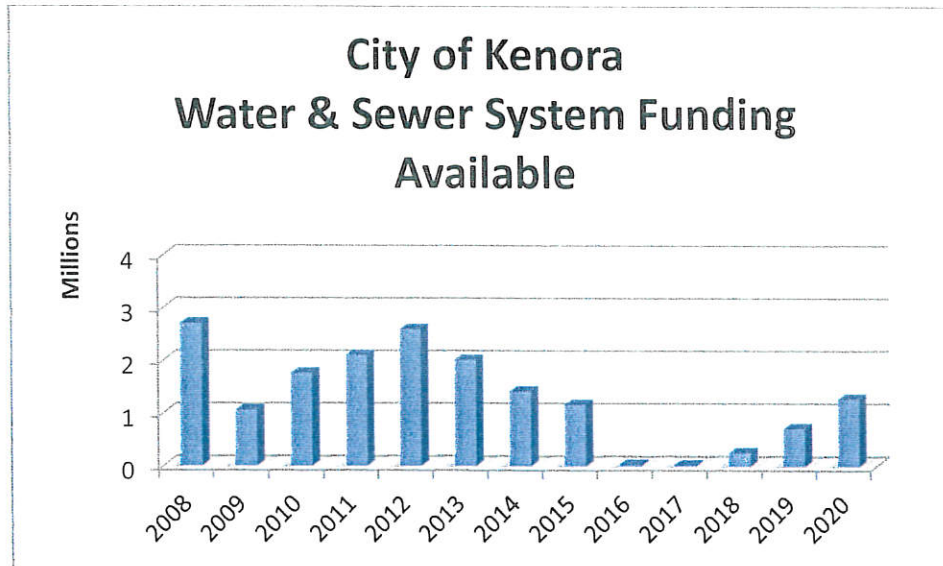
Actual and Projected System Funding Available

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

The following table outlines the actual water & sewer accumulated system funding available, for the past five years, as well as projected over the next five-year period. In 2010 through 2012, the increases are due to under-spending on capital programs. The forecast is to increase capital spending to improve the infrastructure and to reduce the infrastructure deficit. The plan, for the next couple of years is to spend at almost the same rate as operations can provide funds.



Actual and Projected System Funding Available



Water Meter Program

In 2009, Kenora Hydro transitioned its metering system to smart meters as per the regulatory requirements. At that time, the City's water meters were read by Kenora Hydro. Kenora Hydro's meter reading staff has since retired and not been replaced. As a result, an additional position was created in the water and sewer department to perform the manual meter reading. The City has now decided to go for a monthly cycle meter reading program, a deviation from its current practice of reading every two month.

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 new smart electric 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. But it can definitely lessens number of public complaints on their pro-rated consumption bills.

Potential Risks

Treatment Plant Staffing

Both the water and sewer 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 up 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 future to comply with pending legislated developments. Staff members are always on call to handle emergency maintenance and repairs as required.

Water Shed Source Protection

The Ontario Government will be initiating a Source Protection Plan, making the City responsible to identify and control all potential hazards within an outlined area of the City's drinking water intake. Not limited to the following, some of the potential hazards are: the septic systems in Coney Island; Rat Portage sewage lagoons; pesticides from Kenora Golf Club; possible accidental spills from running train carriages; and contaminants from industrial locations upstream. City should also develop some plan or share its responsibility towards source protection.



Discussion Items

Water Meter Program

Potential Risks



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 just because of excessive algal blooms in our water source (Lake of the Woods) during this time and it has no health and safety issues. We however need to be proactive with preparation of an action plan to address this matter. City has received technical evaluation report from a consultant on taste and odor issues with City's water system in 2016. Report's recommendations on taste and odor should be considered in future plans for Water Treatment Plant.



Discussion Items

Aging pumps and accessories at the sewage pumping stations

Most of the major sewage pumping stations are struggling with the over aging pumps already crossing their life cycles. Once the pumps are broken we always have hard time or most of the time impossible to get all the spare parts on these obsolete pumps. There should be five to ten year planning to replace all these pumps with the new ones.

Potential Risks (Cont.)

Replacement of the aging grinder pumps in phases

The water/sewer department has 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 is costing both time and money. Currently, there are some cases where not only the pumps but also the other accessories are failing. There must be a phase in plan to maintain not only grinder pumps but also the tanks (canisters) and other components in near future.

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 sewer department these seasonal workers can work for some labor intensive work like snow removal around hydrants in winter, landscaping and valve identification programs in summer. It's a complete waste of resources to use the certified water and wastewater operators with higher wage rates on such unskilled jobs.

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.





System Funding

Appendix 1



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

	ACTUAL SYSTEM SURPLUS (DEFICIT)				
	2011	2012	2013	2014	2015
SEWER OPERATIONS					*
Sanitary System	1,182,298	1,190,972	1,348,721	1,418,990	1,912,712
Sewer Lift Stations	-220,453	-71,603	-196,473	-258,485	-266,169
Sewage Treatment Plant	-848,151	-874,541	-950,675	-1,014,308	-1,015,903
VEHICLES & EQUIPMENT	69,419	77,193	-5,151	22,125	76,976
WATER OPERATIONS					
Waterworks	1,446,702	1,531,573	1,659,270	1,160,116	2,131,952
Water Standpipes & Booster Stns.	-50,422	-56,852	-28,662	-27,218	-34,245
Water Treatment Plant	-924,324	-998,156	-1,059,868	-1,084,063	-1,048,679
	655,069	798,586	767,162	217,157	1,756,644
OTHER IMPACTS					
Local Improvements Levy	80,767	88,777	42,888	57,414	37,643
	735,836	887,362	810,050	274,571	1,794,287
SYSTEM FUNDING BALANCE					
Opening System Funding	1,766,548	2,107,152	2,596,189	2,017,416	1,166,858
Interest on Reserve Funds Held	46,298	17,899	13,311	34,416	28,301
	2,548,682	3,012,413	3,419,550	2,326,403	2,989,446
CAPITAL WORKS					
Funded through System Funding	-441,530	-416,224	-1,402,133	-1,159,545	-1,820,995
BALANCE - SYSTEM FUNDING	2,107,152	2,596,189	2,017,416	1,166,858	1,168,451

* Based on preliminary operating results and capital budget as adjusted for carry forward items..

expenses 3.5% / yr 2013 → 16

	PROJECTED SYSTEM SURPLUS (DEFICIT)				
	2016	2017	2018	2019	2020
OPENING BALANCE	1,168,451	30,095	20,358	258,866	717,861
ACTIVITY					
Projected Operations	1,973,897	2,440,975	2,949,464	3,277,987	3,626,556
Local Improvements	37,643	37,643	37,643	37,643	37,643
Long Term Debt Impacts	-91,107	-91,107	-91,107	-91,107	-
Capital	-3,088,000	-2,398,000	-2,658,000	-2,772,000	-3,120,000
Interest on Reserve Funds Held	29,211	752	509	6,472	17,947
BALANCE - SYSTEM FUNDING	30,095	20,358	258,866	717,861	1,280,007



Operating Budget

Appendix 2



CITY OF KENORA
 WATER & SEWER
 OPERATING BUDGET
 2016

25-Mar-16

	PSEUDO CODE	2013		2014		2015		2016	
		BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	PRELIM	BUDGET	PRELIM
REVENUES									
User Charges		6,049,143	6,043,883	6,339,053	5,998,291	6,924,232	7,165,474	7,774,539	-
		6,049,143	6,043,883	6,339,053	5,998,291	6,924,232	7,165,474	7,774,539	-
EXPENDITURES									
Sewer									
Sanitary System	4110000	1,591,020	1,625,290	1,588,912	1,540,780	1,630,385	1,609,890	1,769,662	-
Sewer Lift Stations	4120000	177,500	196,473	216,000	258,485	275,000	266,169	279,600	-
Sewage Treatment Plant	4130000	912,696	950,675	931,542	1,014,308	969,218	1,015,903	1,128,737	-
		2,681,216	2,772,438	2,736,454	2,813,573	2,874,603	2,891,962	3,177,999	-
Water & Sewer Vehicles	4140000	-19,867	5,515	-48,016	-22,125	-28,814	-76,976	-27,482	-
Water									
Waterworks	4310000	1,254,111	1,410,491	1,302,245	1,878,405	1,361,809	1,510,920	1,508,076	-
Water Standpipes / Booster Station	4320000	58,550	28,662	63,000	27,218	40,000	34,245	52,000	-
Water Treatment Plant	4330000	997,822	1,059,868	1,025,441	1,084,063	1,071,470	1,048,679	1,090,049	-
		2,310,483	2,499,021	2,390,686	2,989,686	2,473,279	2,593,844	2,650,125	-
TOTAL EXPENDITURES		4,971,832	5,276,974	5,079,124	5,781,134	5,319,068	5,408,830	5,800,642	-
NET REVENUE (EXPENDITURE)		1,077,311	766,909	1,259,929	217,157	1,605,164	1,756,644	1,973,897	-

City of Keno
411 - Sanitary System

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Residential Surcharge	4114730	2,926,000	2,917,589	3,063,216	2,895,671	3,348,449	3,470,100	3,747,185	0
Commercial Surcharge	4114731	36,007	40,600	35,482	51,453	54,642	38,503	59,136	0
Miscellaneous Revenue	4114799	7,000	15,822	15,971	12,646	13,668	14,472	15,702	0
		2,969,007	2,974,011	3,114,669	2,959,770	3,416,758	3,523,075	3,822,023	0

Expenditures

Full Time Earnings	2536030	0	0	0	0	0	0	133,744	0
Full Time Earnings	4116030	794,915	274,025	759,113	232,165	799,095	231,024	904,901	0
Part Time Earnings	4116040	8,723	62	9,028	655	9,181	768	9,181	0
Allocated Payroll	4116050	(549,056)	20,362	(549,500)	11,273	(549,500)	17,037	(613,000)	0
Benefits	4116105	12,500	29,206	31,000	31,014	32,000	29,091	0	0
Employment Insurance	4116110	0	15,161	0	16,207	0	14,872	0	0
E. H. T.	4116115	0	14,924	0	18,206	0	17,766	0	0
Health Plan Contributions	4116120	0	59,116	0	50,948	0	57,433	0	0
O.M.E.R.S.	4116125	0	64,398	0	71,072	0	74,356	0	0
Insurance Plan Contrib.	4116130	0	22,219	0	22,291	0	21,945	0	0
W.S.I.B.	4116135	0	13,103	0	10,293	0	9,768	0	0
Other Benefits	4116199	0	1,198	0	1,183	0	1,588	0	0
General Mains AP&B	4116911	112,000	68,736	84,000	65,308	84,000	93,143	84,000	0
Consult/Eng/Contr Service	4116912	0	0	0	33,103	35,000	44,427	45,000	0
General Mains M&S	4116913	45,000	76,363	50,000	33,085	38,000	26,196	38,000	0
General Mains ROE	4116916	42,000	16,876	25,000	16,403	20,000	32,318	20,000	0
General Pumping Stations AP&B	4116921	165,000	201,164	190,000	159,378	155,000	180,908	180,000	0
General Pumping Stations M&S	4116923	36,500	28,316	36,000	15,012	30,000	6,816	10,000	0
General Pumping Stations ROE	4116926	42,000	27,650	45,000	30,195	45,000	31,623	32,000	0
General Pumping Stations DSL	4116928	200,000	231,783	200,000	218,929	200,000	226,247	220,000	0
Administration	4117020	79,809	79,809	98,507	98,507	100,576	100,576	108,001	0
ated After Hour Call	4117044	500	0	0	0	0	0	0	0
oc Bill & Collecting	4117045	117,987	117,987	125,684	125,684	123,274	123,274	125,147	0
ocated Garage & Warehouse	4117047	87,103	100,720	107,920	107,920	102,246	102,246	94,034	0
Bad Debts	4117065	0	2,018	0	16,878	20,000	6,390	12,000	0
Computer Maintenance	4117090	39,500	36,155	37,000	36,967	35,000	34,643	35,000	0
Insurance	4117250	26,197	27,995	28,157	30,270	12,877	42,775	44,326	0
Materials & Supplies	4117400	45,000	19,732	35,000	18,080	25,000	19,276	21,000	0
Miscellaneous	4117500	0	0	0	0	0	0	0	0
Building Rental	4117680	10,919	10,919	12,228	12,228	13,913	13,913	15,943	0
Rental of Own Equipment	4117700	35,000	27,585	30,000	19,262	20,000	29,308	20,000	0
Taxes & Licences	4117820	29,258	23,599	24,087	24,932	25,430	26,126	28,614	0
Telephone & Utilities	4117840	7,137	7,018	8,000	5,242	8,500	10,775	8,500	0
Training	4117850	6,000	6,037	6,000	5,518	6,000	3,419	6,000	0
Travel & Conference	4117900	1,500	1,056	1,500	2,562	2,000	1,018	2,000	0
Work Order Charges AP&B	4117931	1,000	0	0	0	0	0	0	0
Work Order Charges M&S	4117933	0	0	0	10	0	0	0	0
Work Order Charges ROE	4117936	1,000	0	0	0	0	0	0	0
Amortization	4119970	0	362,026	0	0	0	0	0	0
Canada Pension Plan	6105	29,063	0	28,856	0	33,681	0	37,470	0
Employment Insurance	6110	12,797	0	12,847	0	15,052	0	16,677	0
EHT	6115	13,273	0	13,419	0	15,761	0	17,524	0
Health Plan Contributions	6120	39,980	0	39,354	0	52,009	0	58,070	0
O.M.E.R.S	6125	69,570	0	58,241	0	68,781	0	83,663	0
Insurance Plan Contributions	6130	20,861	0	21,516	0	25,529	0	33,154	0
W.S.I.B	6135	7,984	0	8,717	0	10,779	0	11,826	0
Misc Benefits	6199	0	0	10,959	0	14,899	0	13,795	0
Full Time Earnings	7306030	0	0	1,279	0	1,302	0	0	0
		1,591,020	1,987,316	1,588,912	1,540,781	1,630,386	1,631,066	1,856,572	0
Total		1,377,987	986,695	1,525,757	1,418,990	1,786,373	1,892,009	1,965,451	0

City of Kenora Budget Request

412 - General Sewer Lift Stations

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
ditues									
1-1st Ave.S. M&S	4129013	1,000	0	1,000	20	1,000	738	3,500	0
2-Matheson St. M&S	4129023	1,000	519	2,500	645	2,500	16	2,500	0
3-103-100 Main St. AP&B	4129031	0	0	0	0	0	324	0	0
#903-100 Main St. M&S	4129033	10,000	552	12,000	10,116	12,000	6,304	10,000	0
#904-8th Ave.S. & Creek AP&B	4129041	0	0	0	0	0	56	0	0
#904-8th Ave.S. & Creek M&S	4129043	3,500	557	4,500	123	5,500	2,144	8,000	0
#905-Sultana M&S	4129053	8,000	6,964	15,000	8,463	10,000	763	10,000	0
#906-North Hamilton M&S	4129063	1,000	5,231	5,000	15	5,000	9,820	5,000	0
#907-Preston St. AP&B	4129071	0	111	0	0	0	85	0	0
#907-Preston St. M&S	4129073	1,000	1,273	6,500	3,028	6,500	845	6,500	0
#908-Norman #1(Govt Rd) M&S	4129083	1,000	969	4,000	2,444	6,000	722	6,000	0
#909-Norman #2(1st Ave W) M&S	4129093	1,000	1,212	5,000	720	5,000	1,846	6,000	0
#910-Valley Dr. AP&B	4129101	0	0	0	0	0	120	0	0
#910-Valley Dr. M&S	4129103	1,000	1,025	2,000	3,209	7,000	1,512	2,000	0
#911-Tunnel Island M&S	4129113	2,000	1,704	3,000	1,051	5,000	7,760	4,000	0
#912-River St. & Hwy 17 M&S	4129123	500	371	500	0	500	0	500	0
#913-5th St. S (Metis Sub) M&S	4129133	500	763	1,000	39	1,000	0	1,000	0
#914-Norman #3 (Davies St.) M&S	4129143	500	0	500	0	500	0	500	0
#915-Norman #4 (Colonization) M&S	4129153	500	0	500	0	500	0	500	0
#916-Norman #5 (Bay St.) M&S	4129163	500	203	500	0	500	0	500	0
#917-Railway St. (Devins) M&S	4129173	300	148	500	148	3,000	225	8,000	0
#918-Pearson St. M&S	4129183	300	0	500	148	500	0	500	0
#919-4th Ave. S & 10th St. S M&S	4129193	300	0	500	0	500	204	500	0
#920-4th Ave. S. (Edwards) M&S	4129203	300	0	500	0	500	48	500	0
#921-New Railway St @16th M&S	4129213	500	0	500	5,610	3,000	165	1,000	0
#922-Safeway M&S	4129223	500	0	500	0	500	0	500	0
-Subway M&S	4129233	2,000	3,309	4,000	0	4,000	330	2,000	0
4-7th Ave Bridge (2-5m Stn) M&S	4129243	300	0	500	25	500	4	500	0
925-Library/ Fellowship M&S	4129253	300	270	500	0	500	295	500	0
#926-1st St. S & 10th Ave. S M&S	4129263	300	1,013	1,000	1,325	2,000	30	2,000	0
#927-5th St. N M&S	4129273	300	0	500	0	500	12	500	0
#928-Coney Island(Grinder) M&S	4129283	1,000	0	500	0	500	95	500	0
#929-Chalet #1(Grinder) M&S	4129293	0	127	500	382	500	141	500	0
#930-Chalet #2(Grinder) M&S	4129303	200	516	500	203	500	274	500	0
#931-Chalet #3(Grinder) M&S	4129313	200	349	500	0	500	159	500	0
#932-Sedesky Rd #1 M&S	4129323	300	0	300	0	300	0	1,500	0
#933-Kenora Jail Alarms M&S	4129333	1,000	1,329	2,000	0	2,000	4,982	3,500	0
#934-Tunnel Island(Kantola) M&S	4129343	100	0	100	3,339	300	363	500	0
#935-South Park M&S	4129353	1,000	3,654	1,500	3,946	1,500	4,393	1,500	0
#936-Anicinabe 2 Stns(Grinder) M&S	4129363	1,000	1,005	1,000	906	1,500	1,708	3,000	0
#937-Norman Park M&S	4129373	300	171	300	0	300	0	300	0
#938-Coney Beach AP&B	4129381	0	88	0	188	0	0	0	0
#938-Coney Beach M&S	4129383	300	0	300	0	300	321	2,500	0
#940-Golf Course/Cameron Pt M&S	4129403	300	511	1,000	0	1,000	0	1,000	0
#941-10th St @ Bealty Park M&S	4129413	1,000	0	2,000	120	3,000	603	4,000	0
#942-Front & Main St(Arena) M&S	4129423	300	616	500	539	500	536	500	0
#943-Ottawa St. @ East End M&S	4129433	1,000	642	1,500	728	1,500	1,304	1,500	0
#944-Mill St. M&S	4129443	100	533	300	818	300	479	300	0
#945-4th St. off Beach Rd AP&B	4129451	0	0	0	0	0	113	0	0
#945-4th St. off Beach Rd M&S	4129453	800	2,614	2,000	2,536	1,500	2,657	1,500	0
#946-Ottawa St. @ West End M&S	4129463	2,000	4,141	2,000	6,105	2,000	5,519	1,500	0
7-Keewatin Beach M&S	4129473	1,100	3,586	1,500	3,897	1,500	3,243	500	0
-Spruce St. @ Hwy 596 M&S	4129483	300	533	500	582	500	535	500	0
949-Government Rd. Cross. M&S	4129493	2,000	12,093	4,000	11,614	5,000	10,429	4,000	0
950-Mclean Ave. M&S	4129503	2,000	3,595	2,000	13,577	4,000	5,312	4,000	0
#951-Government Rd East M&S	4129513	100	1,938	2,000	534	2,000	664	2,000	0

City of Kalamazoo Department Budget Request
 412 - General Sewer Lift Stations

	Account	2013		2014		2015		2016	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
#1-Redditt & Crawford Rds B	4129521	0	273	0	63	0	0	2,000	0
#2-Redditt & Crawford Rds M&S	4129523	2,000	1,887	2,000	750	2,000	342	5,000	0
#3-Rabbit Lake Trailer Park M&S	4129533	1,100	239	2,000	1,291	2,000	2,989	2,000	0
#954-Brinkman Rd(Soccer Fd) AP&B	4129541	0	0	0	16	0	0	0	0
#954-Brinkman Rd(Soccer Fd) M&S	4129543	500	218	1,000	4,555	4,000	478	2,000	0
#955-Round Lake (Gertie Rd) M&S	4129553	600	594	1,200	10,016	1,500	1,336	1,500	0
#956-Donbrock Dr. AP&B	4129561	0	0	0	0	0	169	0	0
#956-Donbrock Dr. M&S	4129563	900	2,184	2,000	2,544	2,500	2,242	4,000	0
3957-Chlorinators M&S	4129573	14,000	13,026	15,000	17,047	10,000	13,867	6,000	0
#958-Grinder Pumps (Res) AP&B	4129581	15,000	23,636	15,000	17,016	0	22,545	0	0
#958-Grinder Pumps (Res) M&S	4129583	1,000	54,290	20,000	52,709	85,000	84,693	85,000	0
#958-Grinder Pumps (Res) ROE	4129586	2,500	3,018	3,000	2,801	0	5,704	0	0
#959-Airport Road Sewer Lift #1 M&S	4129593	1,000	856	1,500	169	1,000	0	1,000	0
#960-Airport Road Sewer Lift #2 AP&B	4129601	0	0	0	0	0	212	0	0
#960-Airport Road Sewer Lift #2 M&S	4129603	1,000	136	1,500	143	1,000	632	1,000	0
#961-Airport Road Lift #3 M&S	4129613	1,000	161	1,500	298	1,000	0	1,000	0
#962-Beach Rd. West M&S	4129623	100	0	500	0	0	0	0	0
Materials & Supplies	4129643	0	396	0	0	0	0	0	0
Amortization	4129970	0	17,809	0	0	0	0	0	0
General Sewer Lift Stns AP&B	4129991	0	0	0	149	0	561	0	0
General Sewer Lift Stns Consulting	4129992	10,000	10,461	0	12,899	0	11,189	0	0
General Sewer Lift Stns M&S	4129993	72,000	20,864	50,000	48,876	50,000	41,540	50,000	0
General Sewer Lift Stns ROE	4129996	0	0	0	0	0	0	0	0
		177,500	214,282	216,000	258,482	275,000	266,695	279,600	0
Total		(177,500)	(214,282)	(216,000)	(258,482)	(275,000)	(266,695)	(279,600)	0

City of Kenora Department Budget Request
 413 - Sewage Treatment Plant

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Expenses									
Time Earnings	4136030	178,339	225,698	178,053	195,035	183,721	197,262	241,509	0
Allocated Payroll	4136050	3,500	1,126	0	240	0	1,767	0	0
Benefits	4136105	0	7,076	0	7,314	0	7,150	0	0
Employment Insurance	4136110	0	3,393	0	3,538	0	3,475	0	0
E. H. T.	4136115	0	4,441	0	3,895	0	3,857	0	0
Health Plan Contributions	4136120	0	17,384	0	14,689	0	15,553	0	0
O.M.E.R.S.	4136125	0	13,972	0	17,953	0	12,723	0	0
Insurance Plan Contrib.	4136130	0	6,733	0	5,969	0	5,987	0	0
W.S.I.B.	4136135	0	2,424	0	2,137	0	2,116	0	0
Other Benefits	4136199	0	252	0	376	0	150	0	0
Allocated Pay & Benefits	4136621	0	110	0	0	0	0	0	0
General Maintenance M&S	4136623	1,000	5,070	500	55	500	255	0	0
Chemicals	4137068	18,000	26,531	30,000	17,962	25,000	17,254	20,000	0
Contracted Services	4137110	5,000	7,263	13,000	14,310	15,000	14,175	15,000	0
Insurance	4137250	6,489	6,938	7,253	7,695	8,368	8,368	8,619	0
Landfill Disposal Costs	4137290	150,000	135,606	140,000	147,241	160,000	139,215	145,000	0
Materials & Supplies	4137400	60,000	51,826	55,000	58,649	45,000	45,342	45,000	0
Lab Testing Cost	4137480	14,000	13,157	12,000	11,948	12,000	12,401	12,000	0
Rental of Own Equipment	4137700	28,000	4,802	15,000	0	10,000	8	2,000	0
Repairs / Maintenance / Cleaning	4137750	25,000	20,751	30,000	52,972	35,000	38,317	35,000	0
Subscript/Memberships	4137800	0	0	0	0	0	151	0	0
Taxes & Licences	4137820	49,056	48,720	49,694	49,328	50,315	49,777	52,709	0
Telephone & Utilities	4137840	320,055	342,229	340,000	397,163	360,000	442,067	477,000	0
Training	4137850	8,000	5,173	8,000	5,839	8,000	7,150	8,000	0
Amortization	4139970	0	47,075	0	0	0	0	0	0
Canada Pension Plan	6105	7,069	0	7,276	0	7,440	0	10,126	0
Employment Insurance	6110	3,287	0	3,284	0	3,405	0	4,521	0
	6115	3,478	0	3,472	0	3,583	0	4,709	0
Health Plan Contributions	6120	10,974	0	10,940	0	12,210	0	14,425	0
O.M.E.R.S.	6125	13,475	0	17,176	0	18,003	0	16,600	0
Insurance Plan Contributions	6130	6,068	0	6,130	0	6,396	0	9,519	0
W.S.I.B.	6135	1,908	0	1,905	0	1,966	0	2,584	0
Misc Benefits	6199	0	0	2,859	0	3,311	0	4,414	0
		912,696	997,750	931,542	1,014,306	969,217	1,024,519	1,128,737	0
Net Total		(912,696)	(997,750)	(931,542)	(1,014,306)	(969,217)	(1,024,519)	(1,128,737)	0

City of Kalamazoo
414 - Water & Sewer General Vehicles & Equipment

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
ditues									
1-WS 01 Ford Dump AP&B	4142011	500	382	500	802	500	871	500	0
1-WS 01 Ford Dump M&S	4142013	500	605	500	3,855	1,000	920	1,500	0
#201-WS 01 Ford Dump DSL	4142018	2,800	3,013	3,300	2,985	3,000	2,139	2,200	0
#201-WS 01 Ford Dump REC	4142019	(9,600)	(4,546)	(9,600)	(6,440)	(500)	(6,479)	(4,500)	0
#202-WS 02 GMC Van AP&B	4142021	500	301	500	419	500	0	500	0
#202-WS 02 GMC Van M&S	4142023	800	473	500	693	600	567	500	0
#202-WS 02 GMC Van GAS	4142027	2,600	1,759	1,600	880	1,200	322	1,000	0
#202-WS 02 GMC Van REC	4142029	(14,000)	(4,448)	(4,000)	(64)	(4,000)	0	(2,500)	0
#203-WS 03 Freightliner AP&B	4142031	1,500	1,165	1,500	1,121	1,500	1,125	1,500	0
#203-WS 03 Freightliner M&S	4142033	3,000	3,251	2,000	3,016	2,500	2,176	2,500	0
#203-WS 03 Freightliner DSL	4142038	6,300	5,895	6,500	6,364	6,500	2,059	2,200	0
#203-WS 03 Freightliner REC	4142039	(29,480)	(27,792)	(29,480)	(27,090)	(29,840)	(11,564)	(1,200)	0
#204-WS 92 GMC Tandem (STP) AP&B	4142041	1,000	1,394	1,000	568	1,000	2,685	1,500	0
#204-WS 92 GMC Tandem (STP) M&S	4142043	3,000	3,928	1,800	3,533	2,800	5,292	3,500	0
#204-WS 92 GMC Tandem (STP) DSL	4142048	5,600	6,130	6,000	6,544	6,000	3,900	6,000	0
#204-WS 92 GMC Tandem (STP) REC	4142049	(13,330)	(4,674)	(13,300)	(110)	(6,000)	(26)	(6,000)	0
#205-WS 99 Walk in Van AP&B	4142051	500	404	600	308	600	131	800	0
#205-WS 99 Walk in Van M&S	4142053	1,000	302	500	1,695	1,500	1,226	1,500	0
#205-WS 99 Walk in Van GAS	4142057	700	1,400	2,400	607	0	1,833	0	0
Diesel	4142058	0	0	0	67	1,200	0	1,700	0
#205-WS 99 Walk in Van REC	4142059	(3,575)	(4,818)	(3,575)	(2,063)	(3,575)	(13,068)	(4,000)	0
#206-WS 99 Int. Water Tanker AP&B	4142061	500	448	500	718	600	1,763	1,500	0
#206-WS 99 Int. Water Tanker M&S	4142063	1,000	2,049	1,000	1,994	2,200	3,231	2,500	0
#206-WS 99 Int. Water Tanker REC	4142068	1,500	2,242	2,200	925	2,000	3,962	3,800	0
#206-WS 99 Int. Water Tanker Diesel	4142069	(5,360)	(8,643)	(5,000)	(3,192)	(5,000)	(20,976)	(19,000)	0
#207-WS 97 3500 Dodge Van AP&B	4142071	500	611	500	626	700	337	800	0
#207-WS 97 3500 Dodge Van M&S	4142073	500	982	500	1,006	800	392	800	0
#207-WS 97 3500 Dodge Van GAS	4142077	2,800	3,090	2,600	3,545	3,000	2,097	3,000	0
#207-WS 97 3500 Dodge Van REC	4142079	(9,800)	(6,792)	(9,800)	(11,964)	(9,800)	(12,174)	(9,800)	0
#208-WS 96 1500LT Pickup AP&B	4142081	500	478	800	539	800	841	800	0
#208-WS 96 1500LT Pickup M&S	4142083	1,000	5,121	1,500	3,126	2,300	2,729	1,500	0
#208-WS 96 1500LT Pickup GAS	4142087	5,800	0	0	0	0	0	0	0
Diesel	4142088	0	5,966	6,500	6,823	6,500	4,761	5,000	0
#208-WS 96 1500LT Pickup REC	4142089	(9,600)	(13,866)	(9,600)	(17,820)	(12,000)	(17,540)	(12,000)	0
#209-WS 82 F700 Single Axle AP&B	4142091	800	275	800	1,426	800	269	800	0
#209-WS 82 F700 Single Axle M&S	4142093	1,000	0	1,000	1,147	1,000	266	800	0
Diesel	4142098	0	0	0	127	300	164	300	0
#209-WS 82 F700 Single Axle REC	4142099	(1,140)	(456)	(1,142)	(1,387)	(1,142)	0	(1,142)	0
#210-WS 86 Pipe Thaw Mach. AP&B	4142101	800	31	800	947	800	1,501	1,200	0
#210-WS 86 Pipe Thaw Mach. M&S	4142103	1,000	0	1,000	737	1,000	584	1,000	0
#210-WS 86 Pipe Thaw Mach. Diesel	4142108	500	220	500	1,037	500	78	500	0
#210-WS 86 Pipe Thaw Mach. REC	4142109	(1,140)	(760)	(1,140)	(385)	(1,140)	(323)	(1,140)	0
#211-WS 65 Jaeger Compress. AP&B	4142111	200	55	100	0	400	743	500	0

City of Kenora 2016 Department Budget Request
 414 - Water & Sewer General Vehicles & Equipment

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
1-WS 65 Jaeger Compress.	4142113	200	0	100	0	500	411	500	0
1-WS 65 Jaeger Compress.	4142119	(140)	0	(140)	0	(500)	0	(500)	0
#212- 03 Chev Sewer Lift Service Truck AP&B	4142121	1,000	334	500	1,021	1,000	266	1,000	0
#212- 03 Chev Sewer Lift Service Truck M&S	4142123	3,000	1,621	1,000	1,143	1,000	1,683	1,000	0
#212- 03 Chev Sewer Lift Service Truck GAS	4142127	5,000	1,229	4,000	0	0	242	0	0
Diesel	4142128	0	0	0	3,310	2,500	2,292	2,500	0
#212- 03 Chev Sewer Lift Service Truck REC	4142129	(14,400)	(2,240)	(14,400)	(7,936)	(10,000)	(9,004)	(10,000)	0
Allocated Pay & Benefits	4142131	500	55	500	0	200	0	500	0
Materials & Supplies	4142133	200	0	200	0	500	0	500	0
Allocated Pay & Benefits	4142141	0	386	500	357	500	485	500	0
Materials & Supplies	4142143	500	970	500	1,214	600	497	800	0
Gasoline	4142147	0	975	1,000	1,791	1,500	1,258	1,500	0
Recovery from Charge	4142149	(7,000)	(7,084)	(7,000)	(7,096)	(7,000)	(7,460)	(7,000)	0
#215-WS 74 Water Thaw Mach. AP&B	4142151	0	0	0	253	0	150	500	0
#215-WS 74 Water Thaw Mach. M&S	4142153	0	0	0	0	0	144	1,600	0
#215-WS 74 Water Thaw Mach. GAS	4142157	0	0	0	0	0	349	1,500	0
#215-WS 74 Water Thaw Mach. REC	4142159	0	(228)	0	0	0	(448)	(7,000)	0
#217-WS 03 Int. Sewer Flusher AP&B	4142171	1,500	960	1,200	744	1,200	736	1,500	0
#217-WS 03 Int. Sewer Flusher	4142173	1,700	2,571	1,500	5,051	2,500	6,480	3,500	0
7-WS 03 Int. Sewer Flusher	4142178	2,500	2,017	3,000	2,929	3,000	1,978	3,000	0
#217-WS 03 Int. Sewer Flusher REC	4142179	(13,529)	(7,083)	(13,529)	(10,698)	(13,529)	(14,480)	(13,529)	0
#218-WS 99 Sterling Vac-Con AP&B	4142181	3,000	1,191	1,500	3,111	2,500	3,238	3,000	0
#218-WS 99 Sterling Vac-Con M&S	4142183	5,000	30,126	3,000	2,644	3,000	11,827	4,000	0
#218-WS 99 Sterling Vac-Con DSL	4142188	6,000	4,665	6,000	12,710	8,000	8,167	8,000	0
#218-WS 99 Sterling Vac-Con REC	4142189	25,500	(16,703)	(11,730)	(35,521)	(24,293)	(31,420)	(24,293)	0
#219-WS 00 Internationla Vac-All AP&B	4142191	1,500	937	1,500	1,956	2,000	810	2,000	0
#219-WS 00 Internationla Vac-All M&S	4142193	5,000	9,838	2,000	7,221	2,000	1,704	2,500	0
#219-WS 00 Internationla Vac-All DSL	4142198	2,000	1,221	1,500	2,126	2,000	1,211	2,000	0
#219-WS 00 Internationla Vac-All REC	4142199	(12,750)	(10,353)	(12,750)	(13,235)	(12,000)	(17,888)	(12,000)	0
#220-WS 96 Ranger AP&B	4142201	500	2,271	500	74	500	113	500	0
#220-WS 96 Ranger M&S	4142203	500	853	500	565	500	486	500	0
#220-WS 96 Ranger GAS	4142207	700	1,122	1,500	1,995	1,600	1,470	1,600	0
#220-WS 96 Ranger REC	4142209	0	(1,664)	(3,000)	(9,319)	(3,000)	(13,260)	(3,000)	0
#221-WS 98 1500 Chev 1/2T AP&B	4142211	500	72	500	184	500	162	500	0
#221-WS 98 1500 Chev 1/2T M&S	4142213	500	398	500	637	700	400	500	0
#221-WS 98 1500 Chev 1/2T GAS	4142217	2,600	2,655	3,000	1,685	2,500	2,042	2,500	0
#221-WS 98 1500 Chev 1/2T REC	4142219	(12,000)	(7,436)	(1,200)	(4,448)	(5,000)	(5,851)	(5,000)	0
#222-WS 02 GMC 1/2 Ton AP&B	4142221	500	573	500	344	500	100	500	0
22-WS 02 GMC 1/2 Ton M&S	4142223	500	943	500	708	600	595	500	0
22-WS 02 GMC 1/2 Ton GAS	4142227	3,000	3,495	4,300	3,437	4,000	1,752	2,500	0
22-WS 02 GMC 1/2 Ton REC	4142229	(12,000)	(9,852)	(12,000)	(8,322)	(10,000)	(6,336)	(10,000)	0
#223-WS 96 F150 Pickup AP&B	4142231	500	0	500	585	600	144	500	0
#223-WS 96 F150 Pickup M&S	4142233	500	375	500	933	800	675	600	0

City of Norwalk Department Budget Request
 414 - Water & Sewer General Vehicles & Equipment

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
1-WS 96 F150 Pickup GAS	4142237	2,200	1,657	1,200	2,507	2,200	787	1,200	0
3-WS 96 F150 Pickup REC	4142239	(4,000)	(4,094)	(4,000)	(7,194)	(4,000)	(3,562)	(4,000)	0
24-Open AP&B	4142241	500	201	500	49	500	424	500	0
24-Open M&S	4142243	500	648	500	1,674	800	1,253	500	0
#224-Open GAS	4142247	4,000	3,713	4,000	3,739	3,200	2,822	3,200	0
#224-Open REC	4142249	0	0	0	50	(1,000)	52	(1,000)	0
Amortization	4149970	0	92,793	0	0	0	0	0	0
General Vehicles & Equip AP&B	4149991	1,000	1,928	0	2,927	2,500	21	1,500	0
General Vehicles & Equip CS	4149992	0	0	0	161	0	0	0	0
General Vehicles & Equip M&S	4149993	5,000	6,097	8,000	15,191	16,000	3,703	11,000	0
General Vehicles & Equip INS	4149994	11,677	10,983	11,370	8,953	6,805	10,998	7,322	0
General Vehicles & Equip GAS	4149997	1,000	0	1,000	0	1,000	0	1,000	0
General Vehicles & Equip DSL	4149998	4,000	0	0	0	100	0	100	0
General Vehicles & Equip RECs	4149999	0	0	0	0	0	16	0	0
		(19,867)	98,308	(48,016)	(22,127)	(28,814)	(70,955)	(27,482)	0
Net Total		19,867	(98,308)	48,016	22,127	28,814	70,955	27,482	0

City of Kenoa Department Budget Request

431 - Waterworks

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
ues									
er - Monthly Flat Rate	4314730	0	0	0	0	0	0	0	0
ter - Metered Revenue	4314731	1,265,000	1,257,755	1,492,873	1,277,740	1,477,532	1,459,607	1,583,598	0
Water Monthly Service Crg	4314732	1,721,500	1,711,943	1,634,013	1,668,596	1,929,504	2,077,051	2,253,194	0
Water Purchased	4314737	48,636	58,539	56,987	58,311	63,612	61,013	66,199	0
Other Service Charges	4314739	45,000	41,635	40,511	33,874	36,825	45,645	49,525	0
		3,080,136	3,069,873	3,224,385	3,038,520	3,507,473	3,643,315	3,952,516	0

Expenditures

Full Time Earnings	4116030	42,351	0	35,981	0	39,774	0	41,680	0
Full Time Earnings	4316030	77,092	186,969	86,669	93,260	90,787	94,782	96,382	0
Allocated Payroll	4316050	44,034	45,651	59,756	124,260	69,756	50,739	64,684	0
Benefits	4316105	0	4,560	0	3,655	0	2,492	0	0
Employment Insurance	4316110	0	1,711	0	1,768	0	1,215	0	0
E. H. T.	4316115	0	2,798	0	2,577	0	1,853	0	0
Health Plan Contributions	4316120	0	10,004	0	6,777	0	6,660	0	0
O.M.E.R.S.	4316125	0	13,679	0	14,873	0	10,834	0	0
Insurance Plan Contrib.	4316130	0	1,247	0	1,427	0	1,010	0	0
W.S.I.B.	4316135	0	1,527	0	1,399	0	1,007	0	0
Other Benefits	4316199	0	204	0	124	0	150	0	0
Principal Repayment	4316501	0	71,921	0	0	0	0	0	0
Interest Portion	4316502	0	19,186	0	0	0	0	0	0
Mains connects repairs AP&B	4316911	180,000	208,273	200,000	384,902	220,000	268,106	270,000	0
Mains connects repairs CE&CS	4316912	5,000	88,815	50,000	245,967	100,000	203,736	200,000	0
Mains connects repairs M&S	4316913	125,000	74,039	100,000	159,853	50,000	56,818	50,000	0
Mains connects repairs RNOE	4316915	200	1,331	1,500	564	1,500	1,018	1,500	0
Mains connects repairs ROE	4316916	50,000	41,925	50,000	77,946	80,000	59,020	60,000	0
Mains connects repairs DSL	4316918	50,000	39,975	40,000	40,502	40,000	47,332	40,000	0
ated Pay & Benefits	4316921	0	730	1,000	442	0	499	0	0
ommercial Meters AP&B	4316941	2,500	289	1,000	238	0	651	0	0
ommercial Meters M&S	4316943	2,500	2,481	3,000	2,113	3,000	986	3,000	0
Commercial Meters ROE	4316946	500	32	0	80	0	(1,296)	0	0
Residential Meters AP&B	4316951	35,000	24,467	35,000	17,116	35,000	40,784	35,000	0
Residential Meters M&S	4316953	4,000	5,256	5,000	7,158	5,000	11,646	8,000	0
Residential Meters ROE	4316956	7,000	4,380	5,000	3,448	5,000	10,698	5,000	0
Water Air Chambers (WAC) AP&B	4316961	0	0	0	0	0	224	0	0
Water Air Chambers (WAC) DSL	4316968	2,000	1,648	2,000	1,825	0	1,592	0	0
Summer Service AP&B	4316981	16,439	10,145	11,000	9,547	11,000	20,731	11,000	0
Summer Service M&S	4316983	2,000	3,765	3,000	2,586	5,000	6,793	7,000	0
Summer Service ROE	4316986	3,000	2,477	2,500	1,160	2,500	4,613	2,500	0
Fire Hydrants AP&B	4316991	21,000	20,724	18,000	16,307	18,000	26,735	18,000	0
Fire Hydrants M&S	4316993	6,000	11,423	6,000	11,886	10,000	31,715	20,000	0
Fire Hydrants ROE	4316996	5,500	3,266	4,000	3,817	4,000	6,896	3,000	0
Fire Hydrants REC	4316999	(68,375)	(68,375)	(68,375)	(68,375)	(68,375)	(68,375)	(68,375)	0
Administration	4317020	80,829	80,829	100,008	100,008	101,966	101,966	106,593	0
Allocated After Hour Call	4317044	3,800	0	0	0	0	0	0	0
Allocate Bill & Collect	4317045	119,496	119,496	127,597	127,597	124,978	124,978	123,516	0
Meter Reading	4317046	35,000	1,415	2,000	3,949	2,000	13,839	3,000	0
Allocated Garage & Warehouse	4317047	102,009	102,009	109,563	109,563	103,662	103,662	92,808	0
Bad Debts	4317065	500	5,512	0	9,323	0	7,900	9,000	0
Contracted Services-DWQMS	4317110	0	0	6,000	1,730	6,000	5,902	6,000	0
Insurance	4317250	31,709	33,692	34,317	39,427	19,986	23,122	21,649	0
Interest	4317260	100	128	0	425	0	269	0	0
Materials & Supplies	4317400	17,500	13,405	18,000	14,136	18,000	34,084	20,000	0
Building Rental	4317680	11,059	11,059	12,415	12,415	14,105	14,105	15,735	0
Rental of Own Equipment	4317700	65,000	67,302	60,000	154,135	70,000	74,035	70,000	0
s & Licences	4317820	30,849	34,994	35,698	35,824	36,541	36,515	38,757	0
Telephone & Utilities	4317840	14,055	13,313	14,000	15,169	13,500	15,909	18,000	0
Training	4317850	25,000	21,935	25,000	23,553	25,000	22,160	25,000	0
Work Order Charges AP&B	4317931	34,000	32,092	35,000	29,642	35,000	25,359	25,000	0
Work Order Charges M&S	4317933	1,000	227	1,000	(9)	0	0	0	0

City of Kenora Department Budget Request

431 - Waterworks

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Order Charges ROE	4317936	37,500	36,560	38,000	31,766	35,000	29,932	30,000	0
Materials & Supplies	4319503	0	0	0	550	0	0	0	0
Depreciation	4319970	0	456,785	0	0	0	0	0	0
Canada Pension Plan	6105	4,553	0	3,638	0	3,720	0	3,816	0
Employment Insurance	6110	1,964	0	1,758	0	1,812	0	1,857	0
EHT	6115	2,369	0	2,392	0	2,546	0	2,707	0
Health Plan Contributions	6120	6,179	0	6,178	0	6,847	0	5,623	0
O.M.E.R.S	6125	14,262	0	13,497	0	14,652	0	15,860	0
Insurance Plan Contributions	6130	1,338	0	1,412	0	1,500	0	1,642	0
W.S.I.B	6135	1,300	0	1,312	0	1,397	0	1,486	0
Misc Benefits	6199	0	0	1,429	0	1,655	0	1,655	0
		1,254,111	1,867,276	1,302,246	1,878,405	1,361,809	1,535,399	1,508,076	0
Net Total		1,826,025	1,202,597	1,922,139	1,160,115	2,145,664	2,107,917	2,444,440	0

City of Kenora Department Budget Request
 432 - General Water Standpipe/Booster Stations

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Utilities									
Waterworks System UTL	4326928	24,000	22,933	25,000	21,544	0	21,133	0	0
#970-Zone 1 Tank AP&B	4329701	215	135	0	0	0	0	0	0
#970-Zone 1 Tank M&S	4329703	5,000	0	6,000	0	6,000	0	10,000	0
#970-Zone 1 Tank ROE	4329706	40	0	0	0	0	0	0	0
#971-Zone 2 Tank AP&B	4329711	0	0	0	0	0	244	0	0
#971-Zone 2 Tank M&S	4329713	5,000	0	6,000	215	6,000	0	10,000	0
#972-Keewatin Tank AP&B	4329721	300	124	0	85	0	57	0	0
#972-Keewatin Tank M&S	4329723	5,000	0	6,000	0	6,000	0	10,000	0
#972-Keewatin Tank ROE	4329726	20	24	0	0	0	0	0	0
#973-Evergreen Booster AP&B	4329731	0	0	0	190	0	1,530	0	0
#973-Evergreen Booster M&S	4329733	2,500	1,333	1,000	1,032	3,000	3,669	3,000	0
#974-Pine Portage Booster AP&B	4329741	0	0	0	0	0	64	0	0
#974-Pine Portage Booster M&S	4329743	1,000	585	1,000	620	1,000	1,356	1,000	0
#975-Norman Booster AP&B	4329751	0	93	0	0	0	56	0	0
#975-Norman Booster M&S	4329753	5,000	141	6,000	343	6,000	229	6,000	0
#976-Airport Road Booster #3 AP&B	4329761	0	0	0	32	0	0	0	0
#976-Airport Road Booster #3 M&S	4329763	3,000	0	4,000	680	3,000	0	3,000	0
#977-Airport Road Booster #4 AP&B	4329771	0	0	0	69	0	0	0	0
#977-Airport Road Booster #4 M&S	4329773	3,000	1,314	4,000	0	3,000	0	3,000	0
#978-Crawford Road Card Lock AP&B	4329781	0	0	0	95	0	354	0	0
#978-Crawford Road Card Lock M&S	4329783	0	17	1,000	24	3,000	2,121	3,000	0
Amortization	4329970	0	40,767	0	0	0	0	0	0
General Standpipes & Booster Stns AP&B	4329991	375	24	0	0	0	0	0	0
General Standpipes & Booster Stns M&S	4329992	2,000	1,395	0	1,830	0	1,492	0	0
General Standpipes & Booster Stns ROE	4329993	2,000	544	3,000	459	3,000	2,131	3,000	0
General Standpipes & Booster Stns ROE	4329996	100	0	0	0	0	0	0	0
		58,550	69,428	63,000	27,217	40,000	34,435	52,000	0
Net Total		(58,550)	(69,428)	(63,000)	(27,217)	(40,000)	(34,435)	(52,000)	0

City of Kenora Department Budget Request

433 - Water Treatment Plant

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues									
Water Treatment Plant	4330057	0	5,625	0	0	0	0	0	0
		0	5,625	0	0	0	0	0	0
Expenditures									
Full Time Earnings	4336030	258,486	257,040	268,948	288,251	276,169	285,358	276,169	0
Allocated Payroll	4336050	2,925	3,573	0	786	0	1,480	0	0
Benefits	4336105	0	9,156	0	10,017	0	9,799	0	0
Employment Insurance	4336110	0	4,290	0	4,889	0	4,805	0	0
E. H. T.	4336115	0	4,506	0	4,632	0	4,618	0	0
Health Plan Contributions	4336120	0	15,499	0	10,678	0	11,327	0	0
O.M.E.R.S.	4336125	0	24,522	0	27,182	0	28,301	0	0
Insurance Plan Contrib.	4336130	0	3,966	0	2,718	0	2,667	0	0
W.S.I.B.	4336135	0	2,055	0	3,225	0	3,223	0	0
Other Benefits	4336199	0	202	0	358	0	135	0	0
Chemicals	4337068	195,000	223,305	210,000	264,088	240,000	204,264	200,000	0
Contracted Services	4337110	16,000	13,839	19,000	11,712	21,500	13,441	17,000	0
Insurance	4337250	8,888	9,485	9,935	10,540	11,463	11,463	11,806	0
Materials & Supplies	4337400	55,000	58,790	40,000	37,073	42,000	35,319	46,000	0
Lab Testing Cost	4337480	27,000	26,305	27,000	31,659	30,000	26,533	30,000	0
Office & Postage	4337550	1,000	196	3	0	0	1	0	0
Rental of Own Equipment	4337700	2,000	132	2,000	0	2,000	20	100	0
Repairs / Maintenance / Cleaning	4337750	15,000	17,941	18,000	10,204	20,000	23,614	20,000	0
Subscript/Memberships	4337800	1,500	1,166	1,000	748	0	1,139	1,500	0
Taxes & Licences	4337820	122,911	122,068	124,510	119,775	122,171	118,055	120,725	0
Telephone & Utilities	4337840	220,165	261,271	230,500	236,919	228,500	266,893	288,000	0
Training	4337850	6,000	6,188	8,000	8,609	8,000	7,344	8,000	0
Amortization	4339970	0	41,521	0	0	0	0	0	0
Canada Pension Plan	6105	10,248	0	10,944	0	10,837	0	11,094	0
Employment Insurance	6110	4,773	0	4,980	0	5,149	0	5,179	0
T	6115	5,040	0	5,244	0	5,385	0	5,385	0
Health Plan Contributions	6120	10,580	0	10,590	0	11,737	0	12,355	0
O.M.E.R.S	6125	30,346	0	25,390	0	26,408	0	26,408	0
Insurance Plan Contributions	6130	2,194	0	2,707	0	2,782	0	2,958	0
W.S.I.B	6135	2,766	0	2,878	0	2,955	0	2,955	0
Misc Benefits	6199	0	0	3,812	0	4,414	0	4,414	0
		997,822	1,107,014	1,025,441	1,084,064	1,071,471	1,059,797	1,090,049	0
Net Total		(997,822)	(1,101,389)	(1,025,441)	(1,084,064)	(1,071,471)	(1,059,797)	(1,090,049)	0



Capital Projections

Appendix 3



CITY OF KENORA - WATER & SEWER OPERATIONS
FIVE YEAR CAPITAL PROJECTIONS

	TOTAL COST				
	2016	2017	2018	2019	2020
Sanitary System					
Sanitary Sewer Program	750,000	600,000	750,000	1,300,000	1,400,000
Sewer Access Covers	50,000				
DTR Ph 3		275,000	330,000		
Sewer Lift Stations					
Installation of Ottawa West Generators	150,000				
Upgrading Crawford Pumping Station	100,000				
Fuel Tanks Upgrading	270,000				
Upgrading 100 Main Street Pumping S	150,000				
Replacement of Sewage pumps	50,000				
Upgrading Sultana Pump Station	14,000				
Sewage Treatment Plant					
Electrical Blowers' Motors & Valves	30,000				
Polyfeed System and UV Photometer	10,000				
Gear Box Replacement	40,000				
Rewiring & Replacement of Fans & Va	30,000				
Gear Box Replacement	40,000				
Replacing Doors & Windows			20,000		
Heat Exchanger at 100 Building			40,000		
Vehicles & Equipment					
Sewer Suction Truck	230,000				
Electricians Van	41,000				
Sewer Flusher		225,000			
Sludge Dump Truck		155,000			
Sewer Plant Pick Up		38,000			
Flusher Truck			225,000		
Second Electrician Truck			41,000		
Water Tanker				160,000	
Meter Reader Car				12,000	
Vaccum Truck					235,000
Thaw Machine					85,000
Waterworks					
Water Main Program	750,000	600,000	750,000	1,300,000	1,400,000
Water Tower Demo	60,000				
Cameron Bay Services	18,000				
Inventory Software	40,000				
DTR Ph 3		430,000	502,000		
Standpipe & Booster Stations					
Water Treatment Plant					
Backup Sludge Pump	30,000				
Butterfly Valves & Instrumentation	20,000				
Dehumidifier for the highlift	15,000				
Air Compressor	10,000				
Pipe Gallery Lighting	25,000				
WTP Dialer System	15,000				
Water Treatment Energy Savings Proje	150,000				
Plant Generator		75,000			
TOTAL PROJECTED COSTS	3,088,000	2,398,000	2,658,000	2,772,000	3,120,000

CITY OF KENORA - WATER & SEWER OPERATIONS
 CAPITAL BUDGET
 2016

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
Sanitary System						
16.411.01	Sanitary Sewer Program	750,000	-	-	-	750,000
16.411.02	Sewer Access Covers	50,000	-	-	-	50,000
Sewer Lift Stations						
16.412.01	Installation of Ottawa West Generators	150,000	-	-	-	150,000
16.412.02	Upgrading Crawford Pumping Station	100,000	-	-	-	100,000
16.412.03	Fuel Tanks Upgrading	270,000	-	-	-	270,000
16.412.04	Upgrading 100 Main Street Pumping Station	150,000	-	-	-	150,000
16.412.05	Replacement of Sewage pumps	50,000	-	-	-	50,000
16.412.06	Upgrading Sultana Pump Station	14,000	-	-	-	14,000
Sewage Treatment Plant						
16.413.01	Electrical Blowers' Motors & Valves	30,000	-	-	-	30,000
16.413.02	Polyfeed System and UV Photometer	10,000	-	-	-	10,000
16.413.03	Gear Box Replacement	40,000	-	-	-	40,000
16.413.04	Rewiring & Replacement of Fans & Valves	30,000	-	-	-	30,000
16.413.05	Gear Box Replacement	40,000	-	-	-	40,000
W&S Vehicles & Equipment						
16.414.01	Sewer Suction Truck	230,000	-	-	-	230,000
16.414.02	Electricians Van	41,000	-	-	-	41,000
Waterworks						
16.431.01	Water Main Program	750,000	-	-	-	750,000
16.431.02	Water Tower Demo	60,000	-	-	-	60,000
16.431.03	Cameron Bay Services	18,000	-	-	-	18,000
16.431.04	Inventory Software	40,000	-	-	-	40,000
Water Treatment Plant						
16.433.01	Backup Sludge Pump	30,000	-	-	-	30,000
16.433.02	Butterfly Valves & Instrumentation	20,000	-	-	-	20,000
16.433.03	Dehumidifier for the highlift	15,000	-	-	-	15,000
16.433.04	Air Compressor	10,000	-	-	-	10,000
16.433.05	Pipe Gallery Lighting	25,000	-	-	-	25,000
16.433.06	WTP Dialer System	15,000	-	-	-	15,000
16.433.07	Water Treatment Energy Savings Project	150,000	-	-	-	150,000
FUNCTIONAL TOTALS		3,088,000	-	-	-	3,088,000

CITY OF KENORA - WATER & SEWER OPERATIONS

CAPITAL BUDGET

2017

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
Sanitary System						
17.411.01	Sanitary Sewer Program	600,000	-	-	-	600,000
17.411.02	DTR Ph 3 Chipman & McClellan	275,000	183,334	-	-	91,666
W&S Vehicles & Equipment						
17.414.01	Sewer Flusher	225,000	-	-	-	225,000
17.414.02	Sludge Dump Truck	155,000	-	-	-	155,000
17.414.03	Sewer Plant Pick Up	38,000	-	-	-	38,000
Waterworks						
17.431.01	Water Main Program	600,000	-	-	-	600,000
17.431.02	DTR Ph 3 Chipman & McClellan	430,000	286,667	-	-	143,333
Water Treatment Plant						
17.433.01	Plant Generator	75,000	-	-	-	75,000
FUNCTIONAL TOTALS		2,398,000	470,001	-	-	1,927,999

CITY OF KENORA - WATER & SEWER OPERATIONS
 CAPITAL BUDGET
 2018

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
Sanitary System						
18.411.01	Sanitary Sewer Program	750,000	-	-	-	750,000
18.411.02	DTR Ph 3 Matheson St S	330,000	220,000	-	-	110,000
Sewage Treatment Plant						
18.413.01	Replacing Doors & Windows	20,000	-	-	-	20,000
18.413.02	Heat Exchanger at 100 Building	40,000	-	-	-	40,000
W&S Vehicles & Equipment						
18.414.01	Flusher Truck	225,000	-	-	-	225,000
18.414.02	Second Electrician Truck	41,000	-	-	-	41,000
Waterworks						
18.431.01	Water Main Program	750,000	-	-	-	750,000
18.431.02	DTR Ph 3 Matheson St S	502,000	334,666	-	-	167,334
FUNCTIONAL TOTALS		2,658,000	554,666	-	-	2,103,334

CITY OF KENORA - WATER & SEWER OPERATIONS
 CAPITAL BUDGET
 2019

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
19.411.01	Sanitary System Sanitary Sewer Program	1,300,000	-	-	-	1,300,000
19.414.01	W&S Vehicles & Equipment Water Tanker	160,000	-	-	-	160,000
19.414.02	Meter Reader Car	12,000	-	-	-	12,000
19.431.01	Waterworks Water Main Program	1,300,000	-	-	-	1,300,000
FUNCTIONAL TOTALS		2,772,000	-	-	-	2,772,000

CITY OF KENORA - WATER & SEWER OPERATIONS
 CAPITAL BUDGET
 2020

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	Sanitary System					
20.411.01	Sanitary Sewer System	1,400,000	-	-	-	1,400,000
	W&S Vehicles & Equipment					
20.414.01	Vaccum Truck	235,000	-	-	-	235,000
20.414.02	Thaw Machine	85,000	-	-	-	85,000
	Waterworks					
20.431.01	Water Main Program	1,400,000	-	-	-	1,400,000
FUNCTIONAL TOTALS		3,120,000	-	-	-	3,120,000