



2016 BUDGET

The City of Kenora, Ontario, Canada

Lake of the Woods
KENORA

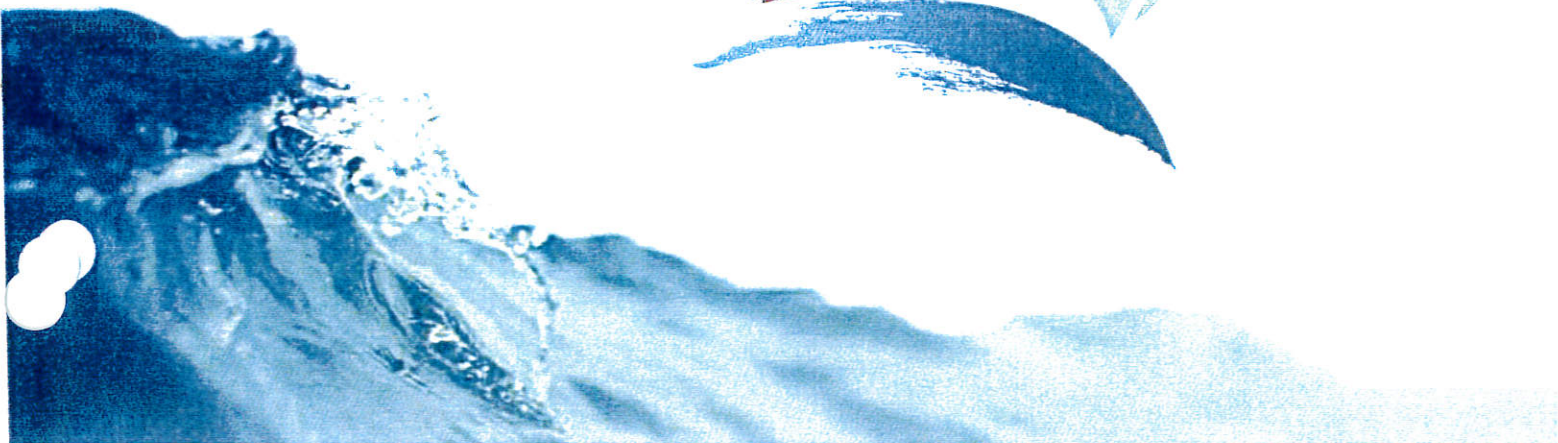




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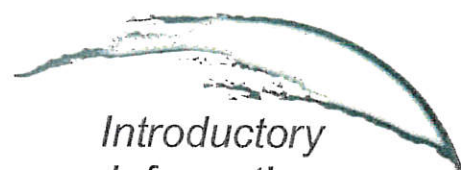
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Solid Waste Operations

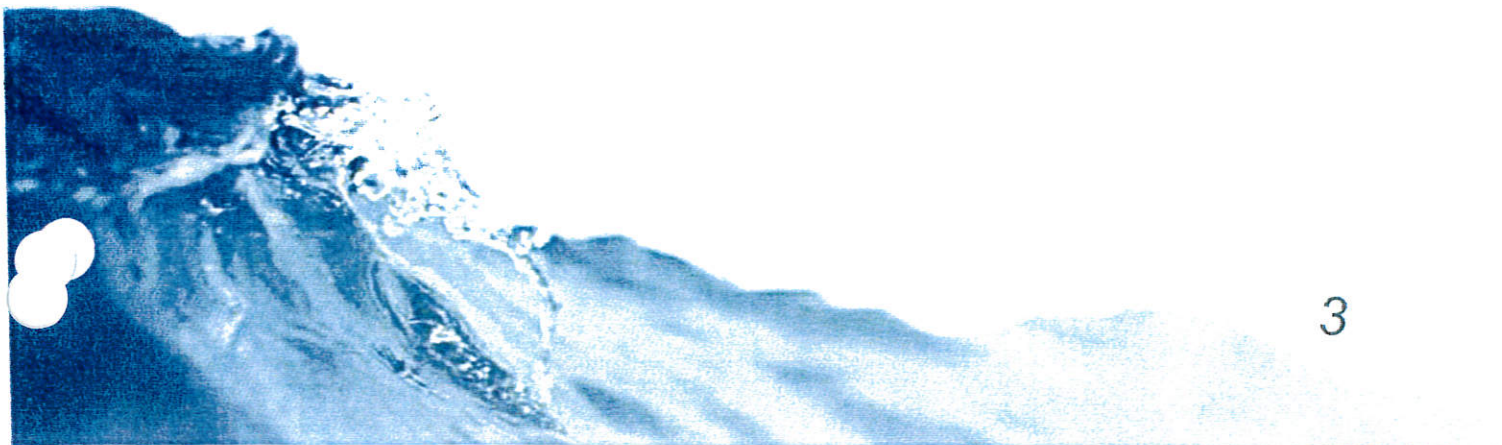
The City's solid waste operations are responsible for the collection and disposal of solid waste for the City of Kenora. In 2015, the City collected approximately 33,650 tons of waste, including recycling. The following table shows the annual distribution of municipal solid waste in 2015 in terms of weight. The quantities of municipal solid waste collected in 2015 were 29% higher than those collected in 2014. The pie chart at the top of the following page depicts the same information, but in a visual format. The City has been putting its solid waste in the Kenora Area Landfill since November 18, 2009.

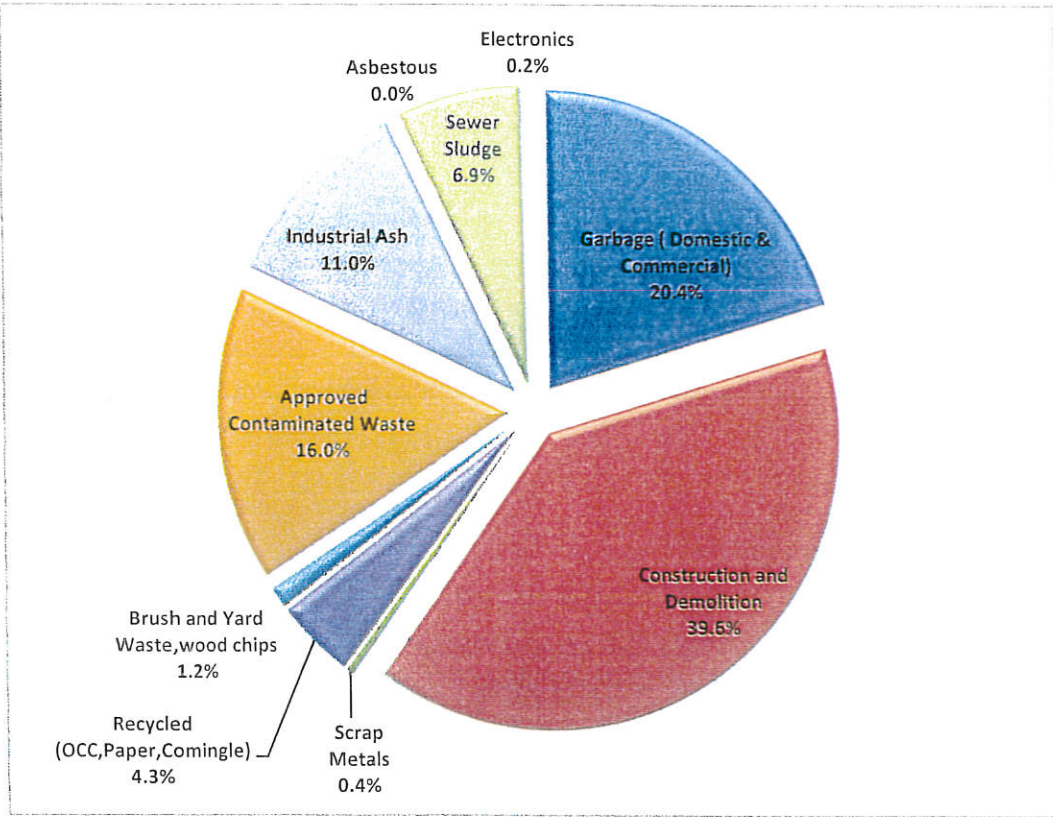


Introductory Information

Solid Waste Operations

S.No	Description	Weight (Tonnes)	Distribution
1	Garbage (Domestic & Commercial)	6,854.24	20.4%
2	Construction and Demolition	13,310.22	39.6%
3	Scrap Metals	134.27	0.4%
4	Recycled (OCC, Paper, Comingle)	1,446.80	4.3%
5	Brush ,Yard waste, Wood chips	388.68	1.2%
6	Approved Contaminated Waste	5,382.79	16.0%
7	Industrial Ash	3,706.50	11.0%
8	Asbestos	14.63	0.0%
9	Sewer Sludge	2,329.75	6.9%
10	Electronics	82.96	0.2%
	Total	33,650.84	





The City's current solid waste operations are staffed by a complement of 13 full time employees, 2 part time employees and 3 seasonal students. The department deploys their staff to other areas of the City, such as the roads department, as required, based on workload demands, resulting in efficiencies within the department where possible.

Introductory Information

There are four types of collection within the City at curbside – Urban Residential, Rural Residential, Industrial / Commercial / Institutional (ICI) and Multi Dwellings collection. The City currently provides both urban and rural residential collection, operating on a weekly curbside collection schedule. The City provides combined residential garbage and blue box collection, with both streams collected in one truck.



The City also provides garbage and recycles collection services to Coney Island during spring and summer seasons. In addition to this, City also collects recycle and garbage from downtown receptacles. Private companies also offer various collection options for residential and commercial customers.

The blue box recycle program is provided at no cost to the residential users, although commercial users are charged a user fee for recycling. Costs for recycling are supported through property taxes and do not impact the City's solid waste budget. In 2015, the Transfer Station shipped 1,446.8 tonnes of recyclables to Cascades Recovery Inc. in Winnipeg. The City has collected 475 tonnes of recyclable waste materials from the curbside (residential, ICI and Multi) which is 33% of all recycle materials handled by the department.

City of Kenora also hauls City of Dryden's recyclable waste to Winnipeg. The City of Kenora has hauled 1,203 tonnes of Dryden's recyclable material in 2015.

The City diverted 83 tons of electronic waste from the landfill in 2015. The City also held a Municipal Hazardous Waste Day on August 09, 2015 and was able to divert 24 tons of municipal hazardous waste from the landfill.

Revenue Impacts

The City continues to comply with the Waste Diversion Act and make changes in its solid waste department to provide this service. Ongoing changes to this department will continue while still ensuring the ongoing viability of the operation on a user pay basis. At the same time, Kenora residents are increasing their recycling efforts, resulting in further shifts in volumes through reductions in solid waste activity and increases in residential recycled materials.

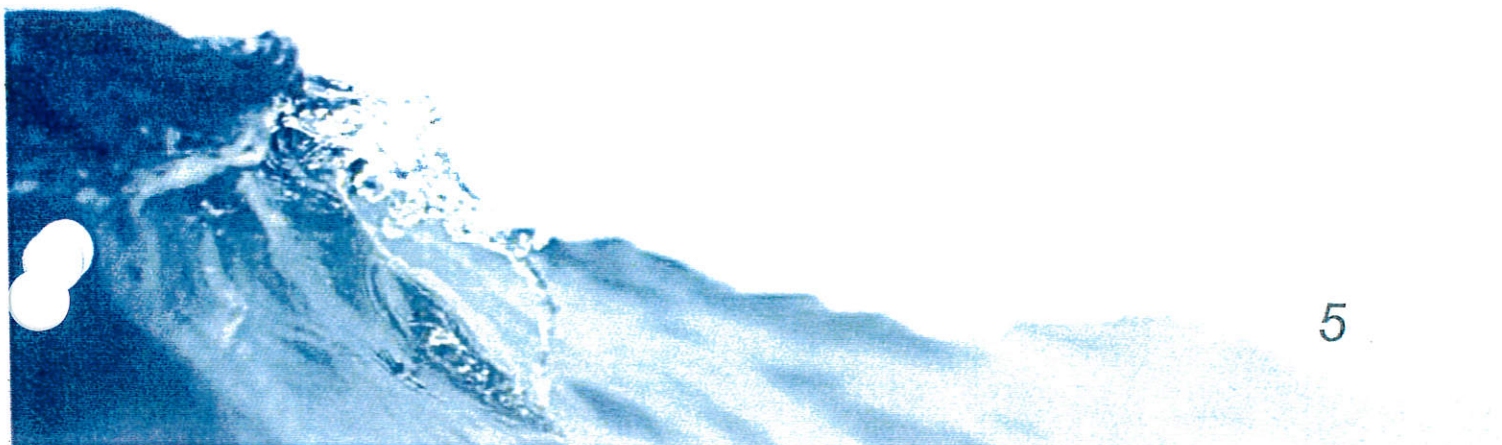
Data has been collected to better understand the reduced amounts of refuse placed for curbside collection. Presently the municipal curbside collection operation only collects 19% by weight of residential waste and recycling that is handled through the waste transfer facility. The blue box curbside collection routes currently average 1,930 pick-ups per cycle (Blue Box count March), with the average household producing one blue box and one garbage bag per week.



Introductory Information

Solid Waste Operations (Cont.)

Revenue Impacts



Revenue Impacts (Cont.)

The City currently offers the following pick up services for solid waste and blue box:

Solid Waste - 4 Day rotation

This service is offered to all residents of the City, but has seen a steady decrease in the overall number of bags being placed at the curb for collection. The Solid Waste residential curbside collection is performed on a 4 day rotation within the city boundaries with two dual stream waste collection vehicles. In the rural areas of the City, these operations are required to travel significant distances for very low volumes of garbage and recycle collected.

Blue Box - 4 Day rotation

This service is offered to all residents of the City, but has seen a steady increase in the overall number of blue boxes being placed at the curbside. The Blue Box residential curbside collection is performed on the same collection route as the garbage route with same vehicles used for waste collection. Presently the City collects curbside recycling as co-mingled. All recyclables are shipped to Cascades Recovery Inc. in Winnipeg.

ICI and Multi-Dwellings

Commercial facilities receive recycling pick-up once per week, through a user pay system. ICI rates have been established for commercial customers dropping off large quantities of recyclables. The City also provides services to multi dwellings once in a week.

The trend of a reduction in solid waste, offset by an increase in recycled materials, is positive and the City wants to continue to encourage this type of shift from an environmental standpoint. There is as a result, however, a loss of revenues which ultimately impacts the bottom line of the solid waste department. Consequently, the City has reviewed its tipping fees and the tipping fee has been increased in 2015. The bag tag cost remains the same.



Revenue Impacts (Cont.)



Existing Solid Waste Infrastructure

Major infrastructure related to the City's solid waste operations includes the Kenora Area Landfill (put into operation in 2000) and the Kenora Area Solid Waste Transfer Station. The City operates both these facilities under a Environmental Compliance Approval (ECA) from the Ministry of Environment and Climate Change. The EC A for each site imposes stringent standards for the operations of each facility.

In addition to the Kenora Area Landfill and Kenora Area Solid Waste Transfer Station, the City continues to monitor the closed Tri-Municipal Landfill site, related to a post-closure plan. Costs related to this post-closure care will continue for a minimum of twenty-five years following the closure of the site in 2000.

A detailed analysis related to the existing solid waste infrastructure, excluding vehicles and equipment, as well as expected useful life has been included in the following table. This analysis shows the estimated annualized cost of capital for the solid waste operations, including the Kenora Area Landfill.

**City of Kenora
Solid Waste Operations
Estimated Future Annualized Capital Needs
Jones Road Landfill Option Implemented**
(in thousands of dollars)

	Replacement Cost	Total Useful Life	Annualized Cost
Major Capital Assets			
Transfer Facility	\$ 1,000	50	\$ 20
Landfill Site	5,000	35	143
Closure Costs for Old Site	1,000	35	29
	\$ 7,000		\$ 192

The remaining useful life of the Kenora Area Landfill site is directly related to the volume of waste hauled into it. With the diversion of the City's solid waste to this site, the anticipated remaining life of the site is projected at 32 years.



Existing Solid Waste Infrastructure



Based on current requirements, any future City landfill site would be an engineered site with leachate containment and a sewage treatment facility to deal with the leachate. This type of site will be easier to find, but more costly to build and operate. Anticipated costs related to the development of a future site are \$5-7 million. Additionally, there would be closure costs related to the existing site. While closure costs for the site will be done in phases as the site is filled, final cost for closure is estimated at \$1 million for clay cover and vegetation.



Introductory Information

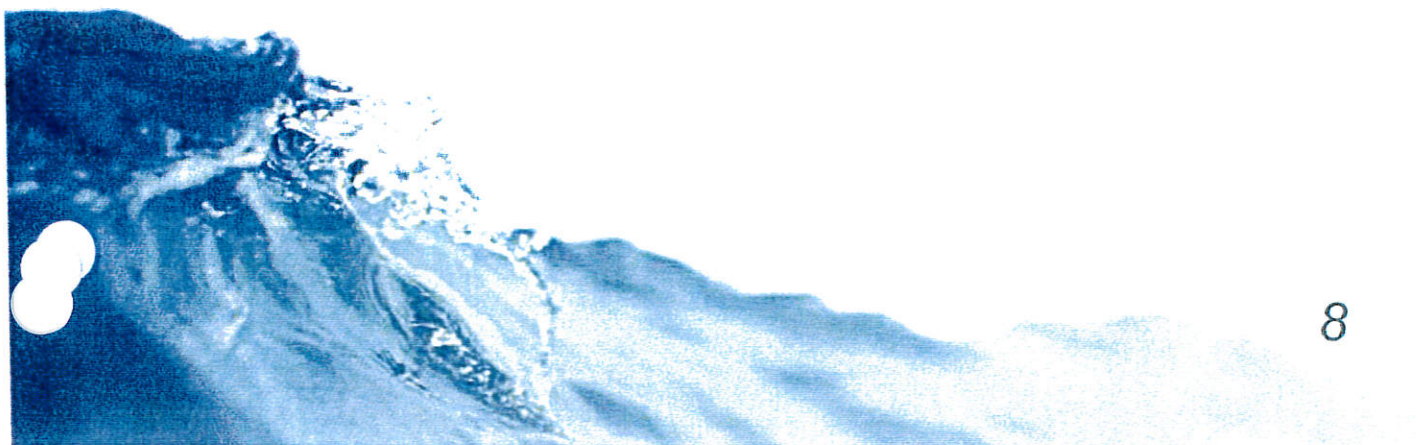
Operational Restructuring

The following operational changes were made in 2015 in order to improve the overall operational efficiencies of the City Transfer Facility and landfill:

Operational Restructuring

- ❑ The operating hours of the transfer station on Sunday were increased by 4 hours from June to September.
- ❑ The City has given approval from MOECC to operate Municipal Household Hazardous Waste Depot. The City has built a new building to run the depot once in a week from May 2016.
- ❑ The City has received a self-compaction recycle trailer from CIF to transport the recycle to Winnipeg.
- ❑ The City has also given approval to start Leaf and yard waste composting at the Kenora Area landfill.
- ❑ A new Half ton pickup truck was purchased to replace the old one in order to make the operations more efficient.
- ❑ Some of the old 40 yds. bins to transport construction and demolition waste were repaired and brought back to the operation .

The City will continue to review its solid waste and recycling operations on an ongoing basis, with the intent of implementing changes that would continue to improve the overall efficiencies of these operations.



2016 Budget Highlights

The 2016 operating budget projects total combined revenues of \$2.07 million and expenditures of \$1.61 million, resulting in a system operating surplus of approximately \$.46 million before capital expenditures. Proposed capital expenditures for 2016 are \$1.05 million. Larger value projects included in the 2016 capital expenditures are as follows:

- Purchase of a wood grinder and a building \$0.5 million
- Replacing the old landfill compactor with a new one \$0.3 million
- Repair of existing floor of the garbage building \$.05 million
- peripheral road construction with retention basin at the landfill \$.1 million

Actual and Projected System Funding Available

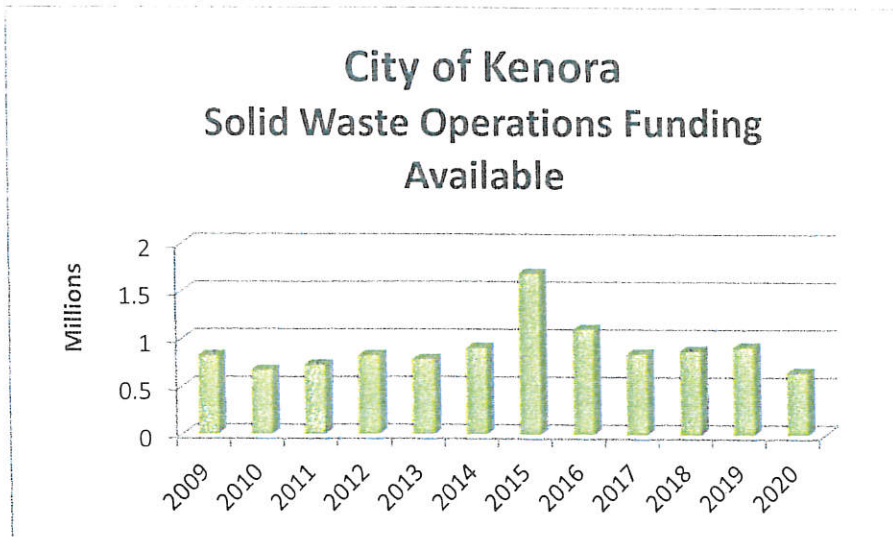
With the shift of solid waste disposal at the Kenora Area Landfill, the City has experienced a stabilizing of the solid waste reserves. In 2016 and for the next five years, the City is projecting consistency in the solid waste reserves.

The following table outlines the actual solid waste accumulated reserves over the since 2009, and projected accumulated system funding over the next five-year period. The analysis included in Appendix 1 provides this information in greater detail.



2016 Budget Highlights

Actual and Projected System Funding Available





Appendix 1



**CITY OF KENORA - SOLID WASTE OPERATIONS
ANALYSIS OF SYSTEM FUNDING AVAILABLE - ACTUAL AND PROJECTED**

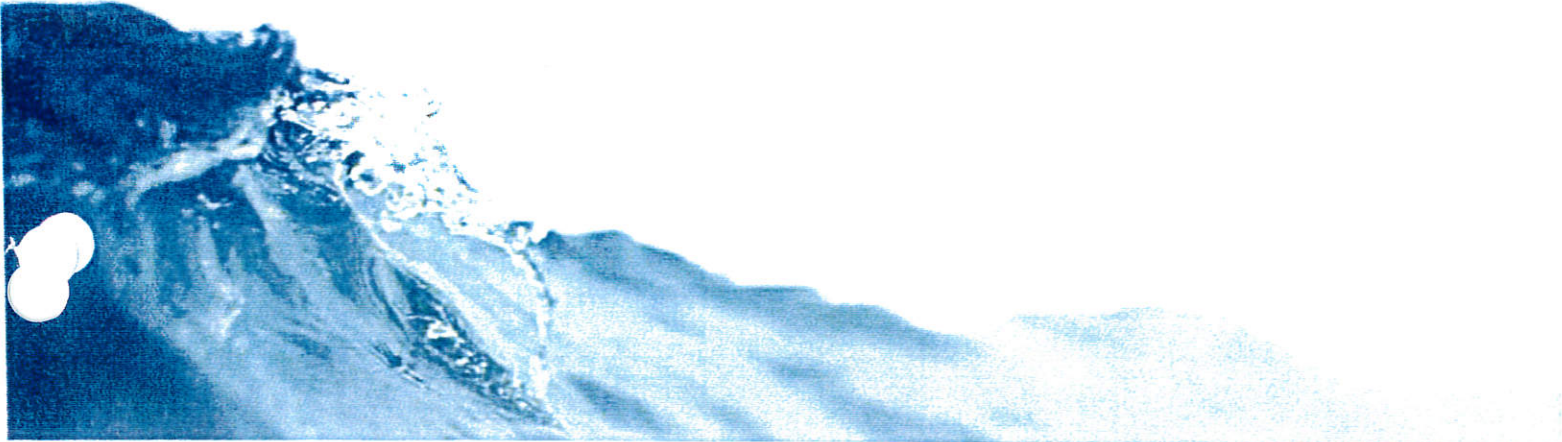
	ACTUAL SYSTEM SURPLUS (DEFICIT)				
	2011	2012	2013	2014	2015
COLLECTION					*
Garbage Collection	2,815	-3,679	7,248	-23,347	-8,504
Lake Garbage Collection					
DISPOSAL					
Household Hazardous Waste Day	4,275	-862	-10,538	-11,404	-21,690
Transfer Facility	181,032	177,178	189,908	216,448	214,376
Kenora Area Landfill	137,175	157,344	112,236	261,711	615,938
Trilake Landfill	-4,503	-7,461	-5,299	-7,605	-6,810
Waste Management Miscellaneous					
VEHICLES & EQUIPMENT	293,112	135,897	69,003	91,646	282,170
ADMINISTRATION	-123,237	-76,660	-117,430	-132,585	-142,463
	490,669	381,757	245,128	394,864	933,017
SYSTEM FUNDING BALANCE					
Opening System Funding	675,905	731,245	830,587	790,245	910,986
Net Operations	490,669	381,757	245,128	394,864	933,017
	1,166,574	1,113,002	1,075,715	1,185,109	1,844,003
CAPITAL WORKS					
Funded through System Funding	-435,329	-282,415	-285,470	-274,123	-150,352
BALANCE - SYSTEM FUNDING	731,245	830,587	790,245	910,986	1,693,651

* Based on preliminary operating and capital results..

	PROJECTED SYSTEM SURPLUS (DEFICIT)				
	2016	2017	2018	2019	2020
OPENING BALANCE	1,693,651	1,108,467	851,019	881,953	921,901
ACTIVITY					
Operations Projected Surplus	464,816	432,552	400,934	369,948	339,582
Capital	-1,050,000	-690,000	-370,000	-330,000	-605,000
BALANCE - SYSTEM FUNDING	1,108,467	851,019	881,953	921,901	656,483



Appendix 2



CITY OF KENORA
SOLID WASTE
OPERATING BUDGET
2016

25-Mar-16

	PSEUDO CODE	2012		2013		2014		2015		2016	
		BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	PRELIM	BUDGET	PRELIM
REVENUES											
User Charges		1,736,200	1,706,398	1,768,200	1,830,199	1,830,650	1,932,640	2,035,404	2,334,580	2,071,000	-
Province of Ontario Grants		0	2,240	0	2,328	0	0	0	117	0	-
Other Income		23,000	0	18,500	10,671	25,000	16,728	15,000	7,025	7,000	-
		1,759,200	1,708,638	1,786,700	1,843,198	1,855,650	1,949,368	2,050,404	2,341,722	2,078,000	-
EXPENDITURES											
Collection											
Garbage Collection	4410000	285,679	237,382	281,809	232,632	283,960	262,384	271,453	252,031	270,442	-
Disposal											
Household Hazardous	4450000	36,800	4,242	31,900	23,579	33,290	30,922	34,650	31,977	53,250	-
Transfer Facility	4480000	716,906	903,226	858,959	927,831	832,097	940,452	915,230	999,497	950,522	-
Kenora Area Landfill	4500000	298,677	233,807	248,149	360,302	243,901	272,202	290,885	258,097	365,043	-
Trilake Landfill Site	4510000	10,301	7,461	8,325	5,299	5,200	7,605	6,350	6,810	6,500	-
		1,062,684	1,148,736	1,147,333	1,317,011	1,114,488	1,251,181	1,247,115	1,296,381	1,375,315	-
Solid Waste Vehicles &	4530000	-260,523	-135,897	-247,646	-69,003	-205,959	-91,646	-101,007	-282,170	-201,300	-
Solid Waste Supervisor	4580000	144,476	76,660	117,381	117,430	135,986	132,585	142,273	142,463	168,727	-
TOTAL EXPENDITURES		1,232,316	1,326,881	1,298,877	1,598,070	1,328,475	1,554,504	1,559,834	1,408,705	1,613,184	-
NET REVENUE (EXPENDITURE)		526,884	381,757	487,823	245,128	527,175	394,864	490,570	933,017	464,816	-

City of Toronto - Department Budget Request
 441 - Garbage Collection

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues									
Tag Sales	4414710	100,000	106,329	110,000	113,274	115,000	116,998	117,000	0
Tag Sales Discount	4414711	125,000	133,551	135,000	125,763	125,000	126,529	127,000	0
		225,000	239,880	245,000	239,037	240,000	243,527	244,000	0
Expenditures									
Full Time Earnings	4416030	71,347	48,432	73,890	52,784	75,146	48,151	75,156	0
Part Time Earnings	4416040	17,446	4,043	12,000	20,011	18,362	18,241	18,362	0
Allocated Payroll	4416050	750	0	0	70	(20,000)	450	(30,000)	0
Benefits	4416105	0	2,266	0	2,675	0	2,275	0	0
Unemploy Insurance	4416110	0	0	0	233	0	533	0	0
E. H. T.	4416115	0	961	0	1,143	0	980	0	0
Health Plan Contributions	4416120	0	5,316	0	3,696	0	2,449	0	0
O.M.E.R.S.	4416125	0	4,412	0	4,438	0	2,796	0	0
Insurance Plan Contrib.	4416130	0	1,729	0	1,756	0	1,025	0	0
Workers Compensation	4416135	0	1,097	0	1,329	0	1,447	0	0
Other Benefits	4416199	0	165	0	210	0	75	0	0
Allocated Pay & Benefits	4416911	0	425	0	0	0	363	0	0
Advertising	4417040	750	0	700	249	500	142	500	0
Allocated Garage	4417047	86,530	86,530	93,701	93,702	96,129	96,129	102,169	0
Materials & Supplies	4417400	5,500	2,501	7,500	7,606	4,000	2,266	4,000	0
Rental of Own Equipment	4417700	75,000	74,754	70,000	72,482	70,000	76,603	75,000	0
Canada Pension Plan	6105	4,488	0	4,551	0	3,967	0	3,967	0
Employment Insurance	6110	1,704	0	1,729	0	1,758	0	1,758	0
EHT	6115	1,768	0	1,793	0	1,823	0	1,824	0
Health Plan Contributions	6120	5,553	0	5,568	0	6,205	0	3,818	0
O.M.E.R.S	6125	6,500	0	6,551	0	6,662	0	6,663	0
Insurance Plan Contributions	6130	2,464	0	2,513	0	2,585	0	2,908	0
IB	6135	2,009	0	2,035	0	2,661	0	2,661	0
Life Benefits	6199	0	0	1,429	0	1,655	0	1,655	0
		281,809	232,632	283,960	262,384	271,454	253,927	270,442	0
Net Total		(56,809)	7,248	(38,960)	(23,347)	(31,454)	(10,400)	(26,442)	0

City of Kenora Department Budget Request
 445 - Hazardous Waste Day

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues									
Billing Fees	4454710	3,200	2,370	3,200	2,790	3,100	3,262	0	0
Fees of Hazardous Waste	4455400	0	0	0	0	0	117	0	0
Stewardship/WDO Funding	4455410	18,500	10,671	25,000	16,728	15,000	7,025	7,000	0
		21,700	13,041	28,200	19,518	18,100	10,404	7,000	0
Expenditures									
Allocated Payroll	4456050	1,000	331	1,690	1,082	2,050	1,863	12,250	0
Advertising	4457040	600	244	500	643	1,000	1,140	1,000	0
Contracted Services	4457110	30,000	22,399	31,000	28,693	31,000	28,974	39,000	0
Materials & Supplies	4457400	300	605	100	504	600	0	1,000	0
		31,900	23,579	33,290	30,922	34,650	31,977	53,250	0
Net Total		(10,200)	(10,539)	(5,090)	(11,404)	(16,550)	(21,573)	(46,250)	0

City of Keweenaw Department Budget Request

448 - Transfer Facility

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues									
Printing Fees	4484710	1,100,000	1,090,586	1,100,000	1,135,461	1,209,184	1,171,011	1,190,000	0
Cellaneous Revenue	4484799	20,000	24,825	12,450	21,439	22,511	42,693	34,000	0
NDM Funding	4484845	0	2,328	0	3,251	0	0	0	0
		1,120,000	1,117,739	1,112,450	1,160,150	1,231,695	1,213,703	1,224,000	0
Expenditures									
Full Time Earnings	4116030	0	0	0	0	0	0	53,872	0
Full Time Earnings	4486030	344,238	340,471	357,679	384,007	365,486	394,207	310,231	0
Part Time Earnings	4486040	38,104	57,295	39,422	57,616	64,596	57,519	76,096	0
Allocated Payroll	4486050	(2,000)	10,723	0	7,203	10,000	16,341	10,000	0
Benefits	4486105	0	26,259	0	26,568	0	27,454	0	0
E.I.	4486110	0	12,669	0	13,100	0	13,975	0	0
E.H.T.	4486115	0	11,366	0	11,394	0	12,466	0	0
Health Plan Contributions	4486120	0	39,826	0	24,356	0	31,255	0	0
OMERS Contributions	4486125	0	47,717	0	46,051	0	50,992	0	0
Insurance Plan Contrib.	4486130	0	16,073	0	13,544	0	16,941	0	0
W.S.I.B.	4486135	0	18,921	0	13,257	0	18,368	0	0
Other Benefits	4486199	0	1,453	0	904	0	929	0	0
Advertising	4487040	1,500	888	1,500	2,489	1,500	2,051	2,000	0
Contracted Services	4487110	7,950	14,276	17,890	13,870	13,500	12,958	19,500	0
Allocated Pay & Benefits	4487171	18,000	15,238	0	0	0	14	0	0
Hauling	4487172	36,000	28,249	0	0	0	0	0	0
Landfill	4487173	0	123	0	0	0	0	0	0
Rental of Own Equipment	4487176	60,955	54,584	60,955	0	0	0	0	0
Insurance	4487250	1,180	1,763	1,696	1,211	762	762	785	0
Materials & Supplies	4487400	26,000	15,085	15,000	18,994	15,000	22,390	19,000	0
M & S-Big Green Clean	4487410	7,000	3,807	3,000	0	3,000	2,594	3,000	0
al of Own Equipment	4487700	155,940	139,498	155,940	236,184	250,940	257,687	250,000	0
airs / Maintenance / Cleaning	4487750	10,840	19,825	20,840	21,049	20,900	22,641	23,500	0
ses & Licences	4487820	31,771	34,266	32,185	31,714	31,837	31,084	31,956	0
Telephone & Utilities	4487840	8,270	10,257	9,500	9,426	9,000	10,761	11,500	0
Training	4487850	6,000	7,199	5,000	7,515	7,000	8,721	8,000	0
Amortization	4489970	0	38,376	0	0	0	0	0	0
Canada Pension Plan	6105	18,085	0	20,522	0	22,374	0	22,669	0
Employment Insurance	6110	7,226	0	7,309	0	7,902	0	8,076	0
EHT	6115	7,495	0	7,743	0	8,387	0	8,591	0
Health Plan Contributions	6120	17,059	0	14,782	0	16,422	0	23,808	0
O.M.E.R.S	6125	38,606	0	35,357	0	36,334	0	36,055	0
Insurance Plan Contributions	6130	10,129	0	11,150	0	11,487	0	13,241	0
W.S.I.B	6135	8,610	0	8,433	0	11,629	0	10,919	0
Misc Benefits	6199	0	0	6,194	0	7,174	0	7,725	0
		858,959	966,207	832,098	940,451	915,229	1,012,112	950,522	0
Net Total		261,041	151,532	280,352	219,699	316,466	201,592	273,478	0

City of Kenora - Department Budget Request
 450 - Kenora Area Landfill

	2013		2014		2015		2016			
	Account	Budget	Actual	Budget	Actual	Budget	Actual	Budget		Actual
Revenues										
Kenora Area Landfill	4500057	0	61,500	0	0	0	0	0	0	0
Permitting Fees	4504710	420,000	473,538	470,000	533,913	560,609	874,035	600,000		0
		420,000	535,038	470,000	533,913	560,609	874,035	600,000		0
Expenditures										
Full Time Earnings	4506030	100,963	64,890	104,456	85,239	106,232	80,539	159,370		0
Allocated Payroll	4506050	(30,000)	2,346	(30,000)	1,220	(20,000)	1,290	(20,000)		0
Benefits	4506105	0	286	0	2,223	0	2,390	0		0
Employment Insurance	4506110	0	146	0	1,069	0	1,162	0		0
Employer Health Tax	4506115	0	121	0	972	0	1,067	0		0
Health Plan Contributions	4506120	0	3,321	0	3,611	0	3,898	0		0
OMERS Contributions	4506125	0	547	0	4,421	0	4,958	0		0
Insurance Plan Contrib.	4506130	0	132	0	1,756	0	1,765	0		0
W.S.I.B.	4506135	0	138	0	1,134	0	1,576	0		0
Other Benefits	4506199	0	0	0	19	0	171	0		0
Monitoring Program AP&B	4506931	6,000	2,964	0	866	0	715	0		0
Monitoring Program CE&CS	4506932	15,000	11,038	10,000	10,174	10,500	13,842	13,000		0
Monitoring Program M&S	4506933	500	1,922	500	2,054	2,500	1,459	2,500		0
Monitoring Program ROE	4506936	0	124	0	738	0	196	0		0
Landfill Liaison Committee CE&CS	4506972	0	0	0	0	0	0	0		0
Landfill Liaison Committee M&S	4506973	250	0	0	0	0	55	0		0
Advertising	4507040	250	468	500	0	500	0	0		0
Consulting & Engineering	4507100	0	1,183	23,000	18,316	20,000	1,755	8,500		0
Contracted Services	4507110	1,000	144,332	1,000	1,390	1,000	2,061	1,000		0
Materials & Supplies	4507400	7,000	22,624	5,500	4,931	5,000	3,804	4,000		0
Rental of Own Equipment	4507700	105,000	92,059	84,550	116,190	110,000	123,063	115,000		0
Repairs / Maintenance / Cleaning	4507750	2,000	1,940	2,000	2,185	2,500	2,530	14,800		0
Telephone & Utilities	4507840	9,500	9,721	9,000	13,694	17,000	10,822	12,000		0
Canada Pension Plan	6105	4,712	0	4,851	0	4,912	0	7,369		0
Employment Insurance	6110	1,898	0	1,964	0	1,997	0	2,996		0
Health Tax	6115	1,969	0	2,037	0	2,072	0	3,108		0
Health Plan Contributions	6120	7,316	0	7,294	0	8,140	0	12,849		0
O.M.E.R.S	6125	9,087	0	9,401	0	9,561	0	14,343		0
Insurance Plan Contributions	6130	3,443	0	3,602	0	3,705	0	6,308		0
W.S.I.B	6135	2,262	0	2,340	0	3,059	0	4,590		0
Misc Benefits	6199	0	0	1,906	0	2,207	0	3,311		0
		248,149	360,302	243,901	272,203	290,886	259,117	365,043		0
Net Total		171,851	174,736	226,099	261,710	269,723	614,918	234,957		0

City of Kenora Department Budget Request
 451 - Tri Municipal Landfill Site

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Expenses									
Time Earnings	4516030	0	175	0	75	0	0	0	
overtime Earnings	4516040	0	14	0	0	0	0	0	
Allocated Payroll	4516050	0	354	0	0	0	0	0	
Monitoring Program AP&B	4516931	3,000	1,125	0	0	0	811	0	
Monitoring Program CE&CS	4516932	5,000	5,141	4,000	4,528	4,500	3,139	4,500	
Monitoring Program M&S	4516933	250	59	200	0	350	0	0	
Monitoring Program ROE	4516936	75	0	0	0	0	0	0	
Advertising	4517040	0	86	0	0	0	0	0	
Consulting & Engineering	4517100	0	0	1,000	1,063	1,500	509	1,000	
Contracted Services	4517110	0	726	0	763	0	1,740	0	
Materials & Supplies	4517400	0	(2,381)	0	1,176	0	611	1,000	
Rental Non-Own Equipment	4517690	0	0	0	0	0	0	0	
Telephone & Utilities	4517840	0	0	0	0	0	0	0	
Amortization	4519970	0	2,633	0	0	0	0	0	
		8,325	7,933	5,200	7,606	6,350	6,810	6,500	0
Net Total		(8,325)	(7,933)	(5,200)	(7,606)	(6,350)	(6,810)	(6,500)	0

City of Kenosha - Department Budget Request
 453 - General Solid Waste Vehicles & Equipment

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Expenditures									
1-SW 89 Ford Packer AP&B	4534011	1,500	4,606	2,000	2,134	2,500	5,875	3,500	0
1-SW 89 Ford Packer M&S	4534013	3,000	6,786	2,000	9,546	5,000	15,384	5,500	0
#401-SW 89 Ford Packer DSL	4534018	13,000	10,960	13,000	14,684	13,000	9,036	13,000	0
#401-SW 89 Ford Packer REC	4534019	(43,000)	(46,419)	(43,000)	(52,571)	(43,000)	(60,574)	(43,000)	0
#402-SW 01 Sterling Packer AP&B	4534021	1,500	4,697	2,000	4,381	2,500	5,577	3,500	0
#402-SW 01 Sterling Packer M&S	4534023	3,000	13,130	2,500	11,906	5,000	13,424	5,500	0
#402-SW 01 Sterling Packer DSL	4534028	13,000	11,419	13,000	12,523	13,000	8,702	13,000	0
#402-SW 01 Sterling Packer REC	4534029	(47,300)	(46,841)	(43,000)	(13,968)	(43,000)	(7,928)	(43,000)	0
#403-SW 04 621D Case AP&B	4534031	2,500	1,097	800	2,035	1,000	940	1,000	0
#403-SW 04 621D Case M&S	4534033	8,000	2,084	9,000	3,397	800	1,619	1,000	0
#403-SW 04 621D Case DSL	4534038	5,000	5,568	5,000	9,104	15,000	15,414	15,000	0
#403-SW 04 621D Case REC	4534039	(20,040)	(19,773)	(20,040)	(38,054)	(70,000)	(104,149)	(70,000)	0
#404-SW 87 936LF Compactor AP&B	4534041	2,000	1,153	1,500	4,333	2,000	953	2,000	0
#404-SW 87 936LF Compactor M&S	4534043	5,000	6,735	5,000	23,725	14,000	1,872	2,500	0
#404-SW 87 936LF Compactor DSL	4534048	15,000	8,423	20,000	16,306	5,000	3,191	5,000	0
#404-SW 87 936LF Compactor REC	4534049	(73,480)	(90,932)	(73,480)	(68,056)	(45,000)	(26,989)	(45,000)	0
#405-SW Unused AP&B	4534051	1,200	728	1,200	1,076	1,500	1,837	1,800	0
#405-SW Unused M&S	4534053	4,000	3,548	4,000	2,588	3,000	6,027	3,500	0
#405-SW Unused DSL	4534058	6,000	6,380	6,500	6,186	6,500	4,733	6,000	0
#405-SW Unused REC	4534059	(30,100)	(35,034)	(31,100)	(34,314)	(32,000)	(35,388)	(32,000)	0
#406-SW 4900 International Packer AP&B	4534061	500	0	200	208	500	71	400	0
#406-SW 4900 International Packer M&S	4534063	1,600	67	200	92	500	64	400	0
#406-SW 4900 International Packer DSL	4534068	2,200	0	200	0	100	0	0	0
#406-SW 4900 International Packer REC	4534069	(2,800)	0	(440)	97	440	0	0	0
#407-SW 98 1500LT Pickup AP&B	4534071	500	203	500	245	500	310	500	0
#407-SW 98 1500LT Pickup M&S	4534073	500	686	500	432	500	804	500	0
#407-SW 98 1500LT Pickup GAS	4534077	2,000	2,343	2,500	2,658	2,500	1,728	2,500	0
#407-SW 98 1500LT Pickup REC	4534079	(2,400)	(1,048)	(2,400)	(1,665)	2,000	(1,121)	(2,000)	0
#408-SW 94 F150 Pickup AP&B	4534081	500	82	500	580	500	442	500	0
#408-SW 94 F150 Pickup M&S	4534083	500	747	500	2,090	1,800	2,281	4,700	0
#408-SW 94 F150 Pickup GAS	4534087	4,200	15,988	4,500	5,148	4,500	3,536	4,200	0
#408-SW 94 F150 Pickup REC	4534089	(960)	(2,752)	(3,000)	(5,129)	(3,000)	(5,566)	(3,000)	0
#409-SW 02 GMC 1/2 Ton AP&B	4534091	500	980	500	989	800	157	800	0
#409-SW 02 GMC 1/2 Ton M&S	4534093	500	714	500	1,405	800	342	800	0
#409-SW 02 GMC 1/2 Ton GAS	4534097	2,800	2,788	3,300	2,232	3,000	1,721	2,500	0
#409-SW 02 GMC 1/2 Ton REC	4534099	(960)	(1,724)	(2,000)	(700)	(2,000)	(202)	(2,500)	0
#410-SW 00 Deep Water Boat AP&B	4534101	500	589	500	444	600	377	600	0
#410-SW 00 Deep Water Boat M&S	4534103	1,000	1,120	800	348	800	93	600	0
#410-SW 00 Deep Water Boat GAS	4534107	500	107	500	206	500	188	500	0
#410-SW 00 Deep Water Boat REC	4534109	(2,200)	(314)	(2,200)	(1,474)	(1,500)	(2,900)	(1,500)	0
#411-SW 01 Mad Vac AP&B	4534111	2,500	1,707	2,500	3,740	3,000	3,519	3,500	0
#411-SW 01 Mad Vac M&S	4534113	25,000	50,365	13,000	31,232	9,000	2,308	8,000	0
#411-SW 01 Mad Vac DSL	4534118	8,000	8,037	5,800	6,674	9,000	4,067	4,500	0
#411-SW 01 Mad Vac REC	4534119	(20,425)	(39,842)	(20,425)	(50,588)	(39,000)	(67,868)	(39,000)	0
#412-PW 86 544E JD Loader AP&B	4534121	1,000	1,061	1,000	1,534	1,000	1,134	1,500	0
#412-PW 86 544E JD Loader M&S	4534123	2,000	2,593	2,000	3,856	2,000	1,434	2,000	0
#412-PW 86 544E JD Loader DSL	4534128	4,000	8,347	3,400	12,666	7,000	4,094	4,000	0
#412-PW 86 544E JD Loader REC	4534129	(13,360)	(30,427)	(19,890)	(26,517)	(19,980)	(36,005)	(19,980)	0

City of Kalamazoo Department Budget Request
 453 - General Solid Waste Vehicles & Equipment

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
SW 02 Skid Steer Loader B	4534131	500	107	500	0	500	(2,505)	1,200	0
13-SW 02 Skid Steer Loader S	4534133	1,000	141	1,000	24	800	476	1,500	0
#413-SW 02 Skid Steer Loader DSL	4534138	800	374	800	0	0	0	0	0
#413-SW 02 Skid Steer Loader REC	4534139	(5,780)	(376)	(5,780)	(173)	(17,500)	(906)	(17,500)	0
#414-SW 05 Int. Roll Off Truck AP&B	4534141	3,000	2,634	3,000	4,862	3,500	2,616	3,500	0
#414-SW 05 Int. Roll Off Truck M&S	4534143	6,000	16,584	6,000	10,520	6,000	6,387	6,000	0
#414-SW 05 Int. Roll Off Truck DSL	4534148	31,000	27,881	33,000	24,599	23,000	13,271	14,000	0
#414-SW 05 Int. Roll Off Truck REC	4534149	(49,600)	(40,602)	(49,600)	(34,301)	(32,000)	(25,309)	(32,000)	0
#415-SW 00 Int I Recycle Truck AP&B	4534151	3,000	2,325	3,000	2,054	3,000	5,373	3,500	0
#415-SW 00 Int I Recycle Truck M&S	4534153	6,000	6,133	6,000	10,879	6,000	12,804	6,000	0
#415-SW 00 Int I Recycle Truck DSL	4534158	1,500	19,252	19,000	33,842	26,000	21,583	22,000	0
#415-SW 00 Int I Recycle Truck REC	4534159	(27,900)	(30,636)	(27,900)	(49,403)	(35,000)	(50,566)	(35,000)	0
#416-SW 01 Int I Recycle AP&B	4534161	1,500	1,591	2,000	2,201	3,000	4,505	3,500	0
#416-SW 01 Int I Recycle M&S	4534163	3,000	3,778	3,000	9,502	3,500	9,109	5,500	0
#416-SW 01 Int I Recycle Deisel	4534168	4,000	10,584	10,300	8,892	8,500	7,297	8,000	0
#416-SW 01 Int I Recycle REC	4534169	(17,200)	(44,355)	(22,145)	(35,672)	(25,000)	(41,265)	(25,000)	0
#417-SW 00 Freightliner Loader Side Ld AP&B	4534171	1,000	0	1,000	424	1,000	1,066	1,200	0
7-SW 00 Freightliner Loader Ld M&S	4534173	2,000	0	2,000	445	2,000	1,873	2,000	0
17-SW 00 Freightliner Loader Side Ld DSL	4534178	3,000	7,106	3,400	8,501	7,000	6,274	6,500	0
#417-SW 00 Freightliner Loader Side Ld REC	4534179	(13,500)	(4,118)	(13,500)	(11,228)	(4,500)	(5,380)	(4,500)	0
#418- 03SW Jones Rd. Dozer AP&B	4534181	2,000	591	2,000	1,558	2,000	895	2,500	0
#418- 03SW Jones Rd. Dozer M&S	4534183	35,500	6,083	3,000	3,961	4,000	4,008	4,500	0
#418- 03SW Jones Rd. Dozer DSL	4534188	4,000	8,553	6,000	8,599	7,000	7,666	7,000	0
#418- 03SW Jones Rd. Dozer REC	4534189	(18,000)	(12,105)	(18,000)	(18,484)	(18,000)	(11,610)	(18,000)	0
#419 - Compactor AP&B	4534191	1,500	259	1,500	608	1,500	966	1,500	0
#419 - Compactor M&S	4534193	5,000	12,721	5,000	15,598	6,000	13,942	6,000	0
#419 - Compactor Diesel	4534198	0	65,428	72,000	75,184	72,000	51,256	70,000	0
#419 - Compactor REC	4534199	(97,500)	(61,667)	(97,500)	(58,203)	(68,000)	(58,183)	(68,000)	0
Allocated pay & benefits	4534201	2,500	4,210	2,500	2,059	2,500	2,639	2,500	0
Materials & Supplies	4534203	5,000	11,021	5,000	8,632	5,500	4,106	5,500	0
Diesel	4534208	12,000	11,290	13,000	8,005	8,000	6,170	8,000	0
Recovery from Charge	4534209	(22,750)	0	(22,750)	0	(22,000)	0	(22,000)	0
Allocated Pay & Benefits	4534211	1,500	571	1,500	1,588	1,500	1,081	2,500	0
Materials & Supplies	4534213	5,000	10,733	5,000	10,279	6,000	13,022	6,000	0
Diesel	4534218	22,000	16,047	15,000	16,084	15,000	13,982	15,000	0
Recovery from Charge	4534219	(32,500)	(23,810)	(32,500)	(56,495)	(35,000)	(60,705)	(35,000)	0
Allocated Pay & Benefits	4534221	1,000	249	1,000	651	1,000	2,886	1,500	0
Materials & Supplies	4534223	2,500	1,545	2,500	6,931	2,500	2,389	2,500	0
Recovery from Charge	4534229	(17,500)	(425)	(17,500)	(15,928)	(12,000)	(16,134)	(12,000)	0
Allocated Pay & Benefits	4534231	1,000	298	1,000	595	1,000	2,050	1,500	0
Materials & Supplies	4534233	2,500	6,405	2,500	1,634	2,500	1,637	2,500	0
Recovery from Charge	4534239	(17,500)	(550)	(17,500)	(16,525)	(17,000)	(16,778)	(17,000)	0
Allocated Pay & Benefits	4534241	1,000	1,991	1,000	2,093	1,500	3,990	2,500	0
Materials & Supplies	4534243	4,000	4,809	4,000	2,639	4,000	4,622	4,000	0
Recovery from charge	4534249	(12,500)	(788)	(12,500)	(9,612)	(12,500)	(13,856)	(12,500)	0

City of Kenora Department Budget Request
 453 - General Solid Waste Vehicles & Equipment

	2013		2014		2015		2016		
	Account	Budget	Actual	Budget	Actual	Budget	Actual	Budget	
ated Pay & Benefits	4534251	1,000	926	1,000	389	1,500	4,541	2,500	0
aterials & Supplies	4534253	4,000	3,703	4,000	3,414	4,000	2,332	4,000	0
covery from Charge	4534259	(12,500)	(88)	(12,500)	(4,754)	(12,500)	(2,538)	(12,500)	0
ortization	4539970	0	163,201	0	0	0	0	0	0
General Vehicles & Equip AP&B	4539991	0	170	0	0	1,000	226	1,000	0
General Vehicles & Equip CS	4539992	0	0	0	0	8,000	0	4,500	0
General Vehicles & Equip M&S	4539993	10,000	977	14,000	13,618	21,500	8,196	34,500	0
General Vehicles & Equip INS	4539994	14,309	12,710	12,291	10,504	9,033	9,120	9,480	0
General Vehicles & Equip DSL	4539998	5,000	0	5,000	0	5,000	0	0	0
General Vehicles & Equip REC	4539999	0	0	0	0	80,000	0	0	0
		(247,646)	94,198	(205,959)	(91,645)	(101,007)	(276,815)	(201,300)	0
Net Total		247,646	(94,198)	205,959	91,645	101,007	276,815	201,300	0

City of Mora Department Budget Request
 458 - Solid Waste Supervisor

Account	2013		2014		2015		2016		
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
Expenses									
Time Earnings	4486030	0	0	39,521	0	41,867	0	43,873	
Ill Time Earnings	4586030	36,619	35,248	0	39,911	0	40,980	0	
Allocated Payroll	4586050	0	0	0	0	0	0	0	
Benefits	4586105	0	1,193	0	1,240	0	1,159	0	
Unemploy Insurance	4586110	0	572	0	600	0	563	0	
E. H. T.	4586115	0	720	0	789	0	819	0	
Health Plan Contributions	4586120	0	2,890	0	2,089	0	2,138	0	
OMERS Contributions	4586125	0	3,949	0	4,420	0	4,699	0	
Insurance Plan Contrib.	4586130	0	397	0	440	0	420	0	
Workers Compensation	4586135	0	822	0	903	0	1,167	0	
Other Benefits	4586199	0	65	0	0	0	64	0	
Administration	4587020	64,479	64,479	78,682	78,682	83,139	83,139	106,325	
Materials & Supplies	4587400	0	554	0	134	200	203	200	
Subscript/Memberships	4587800	500	1,771	1,000	1,127	1,000	2,538	1,200	
Telephone & Utilities	4587840	0	435	2,000	1,869	2,000	1,378	2,000	
Training	4587850	1,500	543	1,500	381	1,500	4,305	2,000	
Travel & Conference	4587900	3,000	3,793	3,000	0	1,500	1,000	1,500	
Canada Pension Plan	6105	1,913	0	1,213	0	1,240	0	1,272	
Employment Insurance	6110	727	0	586	0	604	0	619	
EHT	6115	754	0	771	0	816	0	856	
Health Plan Contributions	6120	2,060	0	2,059	0	2,282	0	2,404	
O.M.E.R.S	6125	4,538	0	4,300	0	4,643	0	4,936	
Insurance Plan Contributions	6130	426	0	455	0	482	0	522	
W.S.I.B	6135	866	0	423	0	448	0	469	
Misc Benefits	6199	0	0	476	0	552	0	552	
		117,381	117,430	135,986	132,586	142,273	144,571	168,727	0
Total		(117,381)	(117,430)	(135,986)	(132,586)	(142,273)	(144,571)	(168,727)	0



Appendix 3



CITY OF KENORA - SOLID WASTE OPERATIONS
FIVE YEAR CAPITAL PROJECTIONS

23/03/2010

DESCRIPTION	TOTAL COST				
	2016	2017	2018	2019	2020
Transfer Facility					
Garbage Building Floor	50,000				
Purchase Of 40 yds Roll off bin			30,000		
Kenora Area Landfill					
Construction of Retention Basin	50,000				
Peripheral Road	100,000	100,000			
Landfill Development		50,000			
Installation of Camera at The landfill		35,000			
Aggregate Area		150,000			
SW Vehicles & Equipment					
Wood Grinder & Building	550,000				
Landfill Compactor	300,000				
Buldozer replacement		225,000			
Garbage trailer		130,000			
Recycle Collection Truck			175,000		
Highway Tractor			165,000		
Garbage Collection Truck				200,000	
Garbage Trailer				130,000	
Transfer St Loader					220,000
Co Mingle Truck					200,000
Rec Trailer					185,000
TOTAL PROJECTED COSTS	1,050,000	690,000	370,000	330,000	605,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2016

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
16.448.01	Transfer Facility Garbage Building Floor	50,000	-	-	-	50,000
16.450.01	Kenora Area Landfill Construction of Retention Basin	50,000	-	-	-	50,000
16.450.02	Peripheral Road	100,000	-	-	-	100,000
16.453.01	Solid Waste Vehicles & Equipment Wood Grinder & Building	550,000	-	-	-	550,000
16.453.02	Landfill Compactor	300,000	-	-	-	300,000
FUNCTIONAL TOTALS		1,050,000	-	-	-	1,050,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2017

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	Jones Road Landfill					
17.450.01	Landfill Development	50,000	-	-	-	50,000
17.450.02	Installation of Camera at The landfill	35,000	-	-	-	35,000
17.450.03	Aggregate Area	150,000	-	-	-	150,000
17.450.04	Peripheral Road	100,000	-	-	-	100,000
	SW Vehicles & Equipment					
17.453.01	Buldozer replacement	225,000	-	-	-	225,000
17.453.02	Garbage trailer	130,000	-	-	-	130,000
	FUNCTIONAL TOTALS	690,000	-	-	-	690,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2018

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
18.448.01	Transfer Facility Purchase Of 40 yds Roll off bim	30,000	-	-	-	30,000
18.453.01	SW Vehicles & Equipment Recycle Collection Truck	175,000	-	-	-	175,000
18.453.02	Highway Tractor	165,000	-	-	-	165,000
FUNCTIONAL TOTALS		370,000	-	-	-	370,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2019

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	SW Vehicles & Equipment					
19.453.01	Garbage Collection Truck	200,000	-	-	-	200,000
19.453.02	Garbage Trailer	130,000	-	-	-	130,000
FUNCTIONAL TOTALS		330,000	-	-	-	330,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2020

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	SW Vehicles & Equipment					
20.453.01	Transfer St Loader	220,000	-	-	-	220,000
20.453.02	Co Mingle Truck	200,000	-	-	-	200,000
20.453.03	Rec Trailer	185,000	-	-	-	185,000
	FUNCTIONAL TOTALS	605,000	-	-	-	605,000