



Solid Waste Budget

2015

The City of Kenora, Ontario, Canada

Lake of the Woods
KENORA





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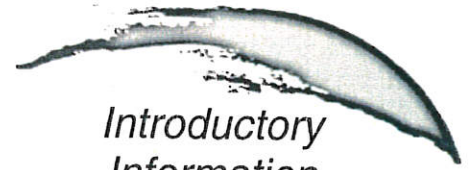
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Solid Waste Operations

The City's solid waste operations are responsible for the collection and disposal of solid waste for the City of Kenora. In 2014, the City processed approximately 26,362 tons of waste, including recycling. The following table shows the annual distribution of municipal solid waste in 2014 in terms of weight. The quantities of municipal solid waste collected in 2014 were 17% higher than those collected in 2013. 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.

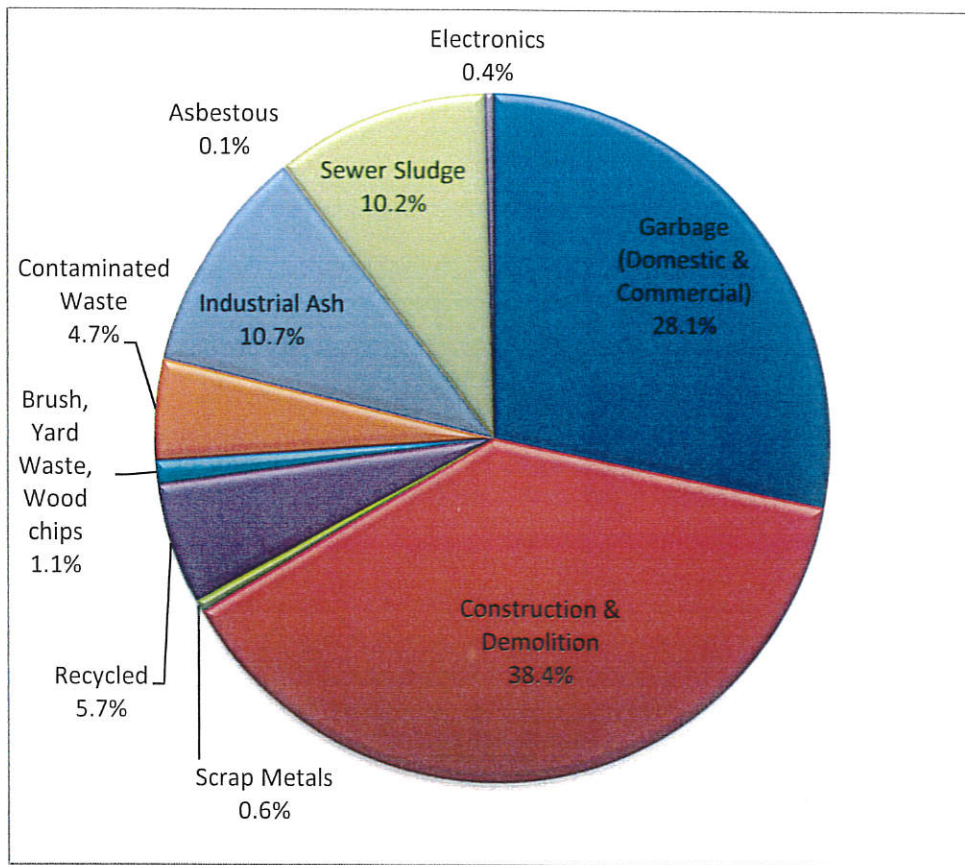


*Introductory
Information*

Solid Waste Operations

S.No	Description	Weight (Tons)	Distribution By Weight
1	Garbage	7,417	28.1%
2	Construction and Demolition	10,130	38.4%
3	Scrap Metals	153	0.6%
4	Recycled (OCC,Paper,Comingle)	1,492	5.7%
5	Brush, Yard Waste, Wood chips	293	1.1%
6	Approved Contaminated Waste	1,250	4.7%
7	Industrial Ash	2,823	10.7%
8	Asbestos	17	0.1%
9	Sewer Sludge	2,677	10.2%
10	Electronics	111	0.4%
	Total	26,362	





Introductory Information

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.

Solid Waste Operations (Cont.)

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



City of Kenora 2015 Solid Waste Budgets

options for residential and commercial customers. The city has installed additional Big Bellies in the downtown area to capture more recycle from the public space.

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 2014, the Transfer Station shipped 1,492 tonnes of recyclables to Cascades Recovery Inc. in Winnipeg. The City has collected 465 tonnes of recyclable waste materials from the curbside (residential, ICI and Multi) which is 31% 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 1,260 tonnes of Dryden's recyclable material in 2014.

The City diverted 111 tons of electronic waste from the landfill in 2014. The City also held a Municipal Hazardous Waste Day on August 10, 2014 and was able to divert 19.7 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 4.5% by weight of residential waste and recycling that is handled through the waste transfer facility. This is in contrast to 100% previously collected in 1999. The curbside collection routes currently average 1,800 pick-ups per cycle, 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.

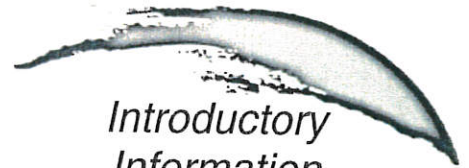
Blue Box - 4 Day rotation

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 is reviewing its tipping fees and is anticipating an increase by mid-2015.



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 Certificate of Approval (C of A) from the Ministry of Environment. The C of 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.

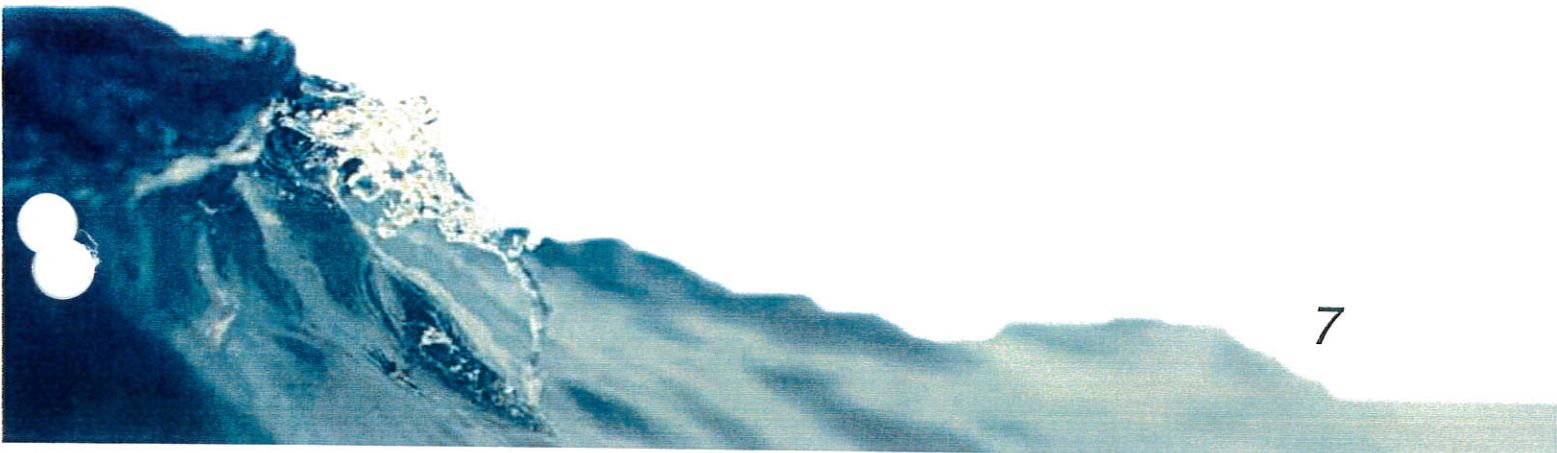


Existing Solid Waste
Infrastructure

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

	Replacement Cost	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 33 years.



City of Kenora 2015 Solid Waste Budgets

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.

Operational Restructuring

The following operational changes were made in 2014 in order to improve the overall operational efficiencies of the City Transfer Facility and landfill:

- ❑ The operating hours of the transfer station on Sunday were increased by 4 hours from June to September.
- ❑ Fluorescent tube lights and batteries are now collected at the transfer station.
- ❑ The first phase of the landscaping work at the Kenora area landfill was completed.
- ❑ A new roll-off truck, 3 sets of 40-yard bins and a new loader were purchased to make the operations more efficient.
- ❑ Nine pairs of additional Big Bellies were installed around downtown and other locations to capture more recyclable materials.

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.



Introductory Information

Operational Restructuring

City of Kenora 2015 Solid Waste Budgets

2015 Budget Highlights

The 2015 operating budget projects total combined revenues of \$1.96 million and expenditures of \$1.57 million, resulting in a system operating surplus of approximately \$.42 million before capital expenditures. Proposed capital expenditures for 2015 are \$.56 million. Larger value projects included in the 2015 capital expenditures are as follows:

- Purchase of a wood grinder \$0.3 million
- Construction of a hazardous waste building \$0.1 million
- Continued construction of the peripheral road at Jones \$0.1 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 2015 and for the next five years, the City is projecting regular growth 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.



2015 Budget Highlights

Actual and Projected System Funding Available





Appendix 1



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

*5M in 30yrs
for landfill*

	ACTUAL SYSTEM SURPLUS (DEFICIT)				
	2010	2011	2012	2013	2014
COLLECTION					*
Garbage Collection	-2,529	2,815	-3,679	7,248	-19,529
DISPOSAL					
Household Hazardous Waste Day	-31,252	4,275	-862	-10,538	-11,404
Transfer Facility	293,300	181,032	177,178	189,908	251,341
Kenora Area Landfill	159,650	137,175	157,344	112,236	265,566
Trilake Landfill	-1,236	-4,503	-7,461	-5,299	-7,606
VEHICLES & EQUIPMENT	313,174	293,112	135,897	69,003	92,663
ADMINISTRATION	-120,768	-123,237	-76,660	-117,430	-130,346
	610,339	490,669	381,757	245,128	440,685
SYSTEM FUNDING BALANCE					
Opening System Funding	828,894	675,905	731,245	830,587	790,245
Net Operations	610,339	490,669	381,757	245,128	440,685
	1,439,233	1,166,574	1,113,002	1,075,715	1,230,930
CAPITAL WORKS					
Funded through System Funding	-763,328	-435,329	-282,415	-285,470	-318,741
BALANCE - SYSTEM FUNDING	675,905	731,245	830,587	790,245	912,189

* Based on preliminary operating and capital results..

	PROJECTED SYSTEM SURPLUS (DEFICIT)				
	2015	2016	2017	2018	2019
OPENING BALANCE	912,189	840,758	910,491	977,650	1,059,848
ACTIVITY					
Operations Projected Surplus	490,569	482,732	452,159	422,198	392,836
Capital	-562,000	-413,000	-385,000	-340,000	-330,000
BALANCE - SYSTEM FUNDING	840,758	910,491	977,650	1,059,848	1,122,685



Appendix 2



**CITY OF KENORA
SOLID WASTE
OPERATING BUDGET
2015**

02-Feb-15

	PSEUDO CODE	2012		2013		2014		2015	
		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	1,932,580	2,035,404	0
Province of Ontario Grants		0	2,240	0	2,328	0	3,251	0	0
Other Income		23,000	0	18,500	10,671	25,000	16,728	15,000	0
		1,759,200	1,708,638	1,786,700	1,843,198	1,855,650	1,952,559	2,050,404	0
EXPENDITURES									
Collection									
Garbage Collection	4410000	285,679	237,382	281,809	232,632	283,960	258,506	271,454	0
Disposal									
Household Hazardous Waste Day	4450000	36,800	4,242	31,900	23,579	33,290	30,922	34,650	0
Transfer Facility	4480000	716,906	903,226	858,959	927,831	832,098	908,810	915,229	0
Kenora Area Landfill Site	4500000	298,677	233,807	248,149	360,302	243,901	268,347	290,886	0
Trilake Landfill Site	4510000	10,301	7,461	8,325	5,299	5,200	7,606	6,350	0
		1,062,684	1,148,736	1,147,333	1,317,011	1,114,489	1,215,685	1,247,115	0
Solid Waste Vehicles & Equipment	4530000	-260,523	-135,897	-247,646	-69,003	-205,959	-92,663	-101,007	0
Solid Waste Supervisor	4580000	144,476	76,660	117,381	117,430	135,986	130,346	142,273	0
TOTAL EXPENDITURES		1,232,316	1,326,881	1,298,877	1,598,070	1,328,476	1,511,874	1,559,835	0
NET REVENUE (EXPENDITURE)		526,884	381,757	487,823	245,128	527,174	440,685	490,569	0

City of Kenora - Department Budget Request

441 - Garbage Collection

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Revenues									
Bag Tag Sales	4414710	93,000	100,783	100,000	106,329	110,000	113,274	115,000	2,280
Bag Tag Sales Discount	4414711	120,000	132,920	125,000	133,551	135,000	125,763	125,000	0
Garbage Pick Equip & Rent	4414721	0	0	0	0	0	0	0	0
		213,000	233,703	225,000	239,880	245,000	239,037	240,000	2,280
Expenditures									
Full Time Earnings	4416030	72,005	51,268	71,347	48,432	73,890	49,792	75,146	4,772
Part Time Earnings	4416040	20,048	0	17,446	4,043	12,000	20,011	18,362	0
Allocated Payroll	4416050	745	544	750	0	0	0	(20,000)	0
Benefits	4416105	21,646	2,598	0	2,266	0	2,560	0	132
Unemploy Insurance	4416110	0	0	0	0	0	233	0	0
E. H. T.	4416115	0	1,103	0	961	0	1,095	0	56
Health Plan Contributions	4416120	0	6,320	0	5,316	0	3,451	0	0
O.M.E.R.S.	4416125	0	4,959	0	4,412	0	4,215	0	257
Insurance Plan Contrib.	4416130	0	1,773	0	1,729	0	1,642	0	0
Workers Compensation	4416135	0	1,240	0	1,097	0	1,258	0	82
Other Benefits	4416199	0	225	0	165	0	210	0	0
Allocated Pay & Benefits	4416911	0	0	0	425	0	0	0	232
Advertising	4417040	500	0	750	0	700	249	500	90
Allocated Garage	4417047	91,510	89,006	86,530	86,530	93,701	93,702	96,129	0
Contracted Services	4417110	0	0	0	0	0	0	0	0
Materials & Supplies	4417400	5,000	4,586	5,500	2,501	7,500	7,606	4,000	0
Rental of Own Equipment	4417700	74,225	73,761	75,000	74,754	70,000	72,482	70,000	0
Canada Pension Plan	6105	0	0	4,488	0	4,551	0	3,967	0
Employment Insurance	6110	0	0	1,704	0	1,729	0	1,758	0
EHT	6115	0	0	1,768	0	1,793	0	1,823	0
Health Plan Contributions	6120	0	0	5,553	0	5,568	0	6,205	0
O.M.E.R.S	6125	0	0	6,500	0	6,551	0	6,662	0
Insurance Plan Contributions	6130	0	0	2,464	0	2,513	0	2,585	0
W.S.I.B	6135	0	0	2,009	0	2,035	0	2,661	0
Misc Benefits	6199	0	0	0	0	1,429	0	1,655	0
		285,679	237,382	281,809	232,632	283,960	258,506	271,454	5,622
Net Total		(72,679)	(3,680)	(56,809)	7,248	(38,960)	(19,469)	(31,454)	(3,342)

City of Kenora - Department Budget Request

445 - Hazardous Waste Day

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
venues									
Tipping Fees	4454710	3,200	3,380	3,200	2,370	3,200	2,790	3,100	0
Stewardship/WDO Funding	4455410	23,000	0	18,500	10,671	25,000	16,728	15,000	0
		26,200	3,380	21,700	13,041	28,200	19,518	18,100	0
Expenditures									
Allocated Payroll	4456050	1,000	0	1,000	331	1,690	1,082	2,050	0
Advertising	4457040	500	0	600	244	500	643	1,000	0
Contracted Services	4457110	35,000	4,242	30,000	22,399	31,000	28,693	31,000	0
Materials & Supplies	4457400	300	0	300	605	100	504	600	0
		36,800	4,242	31,900	23,579	33,290	30,922	34,650	0
Net Total		(10,600)	(862)	(10,200)	(10,539)	(5,090)	(11,404)	(16,550)	0

City of Kenora - Department Budget Request

448 - Transfer Facility

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Revenues									
Tipping Fees	4484710	1,100,000	1,078,164	1,100,000	1,090,586	1,100,000	1,135,461	1,209,184	0
Miscellaneous Revenue	4484799	0	0	20,000	24,825	12,450	21,439	22,511	399
MNDM Funding	4484845	0	2,240	0	2,328	0	3,251	0	0
		1,100,000	1,080,404	1,120,000	1,117,739	1,112,450	1,160,150	1,231,695	399
Expenditures									
Full Time Earnings	4486030	310,054	390,502	344,238	340,471	357,679	364,565	365,486	27,120
Part Time Earnings	4486040	35,192	9,702	38,104	57,295	39,422	55,416	64,596	3,452
Allocated Payroll	4486050	(27,655)	11,399	(2,000)	10,723	0	7,004	10,000	315
Benefits	4486105	87,586	20,832	0	26,259	0	25,241	0	2,115
E.I.	4486110	0	10,571	0	12,669	0	12,404	0	1,126
E.H.T.	4486115	0	9,840	0	11,366	0	10,837	0	891
Health Plan Contributions	4486120	0	34,584	0	39,826	0	22,845	0	0
OMERS Contributions	4486125	0	36,802	0	47,717	0	43,820	0	3,616
Insurance Plan Contrib.	4486130	0	12,515	0	16,073	0	13,544	0	0
W.S.I.B.	4486135	0	10,883	0	18,921	0	12,434	0	1,316
Other Benefits	4486199	0	1,533	0	1,453	0	841	0	417
Advertising	4487040	2,200	753	1,500	888	1,500	2,489	1,500	0
Contracted Services	4487110	2,000	7,666	7,950	14,276	17,890	13,870	13,500	0
Allocated Pay & Benefits	4487171	26,000	15,264	18,000	15,238	0	0	0	0
Hauling	4487172	0	37,960	36,000	28,249	0	0	0	0
Landfill	4487173	0	0	0	123	0	0	0	0
Rental of Own Equipment	4487176	0	59,625	60,955	54,584	60,955	0	0	0
Insurance	4487250	1,189	1,165	1,180	1,763	1,696	1,211	762	0
Materials & Supplies	4487400	26,700	23,344	26,000	15,085	15,000	18,994	15,000	0
M & S-Big Green Clean	4487410	7,500	6,615	7,000	3,807	3,000	0	3,000	0
Rental of Own Equipment	4487700	198,480	154,274	155,940	139,498	155,940	236,184	250,940	0
Repairs / Maintenance / Cleaning	4487750	10,162	12,609	10,840	19,825	20,840	21,049	20,900	102
Taxes & Licences	4487820	23,998	23,836	31,771	34,266	32,185	31,714	31,837	273
Telephone & Utilities	4487840	7,500	8,535	8,270	10,257	9,500	9,426	9,000	131
Training	4487850	6,000	2,419	6,000	7,199	5,000	7,515	7,000	1,582
Amortization	4489970	0	35,375	0	0	0	0	0	0
Canada Pension Plan	6105	0	0	18,085	0	20,522	0	22,374	0
Employment Insurance	6110	0	0	7,226	0	7,309	0	7,902	0
EHT	6115	0	0	7,495	0	7,743	0	8,387	0
Health Plan Contributions	6120	0	0	17,059	0	14,782	0	16,422	0
O.M.E.R.S	6125	0	0	38,606	0	35,357	0	36,334	0
Insurance Plan Contributions	6130	0	0	10,129	0	11,150	0	11,487	0
W.S.I.B	6135	0	0	8,610	0	8,433	0	11,629	0
Misc Benefits	6199	0	0	0	0	6,194	0	7,174	0
		716,906	938,601	858,959	927,831	832,098	911,401	915,229	42,455
Net Total		383,094	141,804	261,041	189,908	280,352	248,749	316,466	(42,055)

City of Kenora - Department Budget Request

450 - Kenora Area Landfill

Jones Road

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Revenues									
Kenora Area Landfill	4500057	0	0	0	61,500	0	0	0	0
Tipping Fees	4504710	420,000	391,151	420,000	473,538	470,000	533,913	560,609	0
		420,000	391,151	420,000	535,038	470,000	533,913	560,609	0
Expenditures									
Full Time Earnings	4506030	100,962	39,740	100,963	64,890	104,456	82,339	106,232	5,355
Allocated Payroll	4506050	(973)	33,201	(30,000)	2,346	(30,000)	1,220	(20,000)	0
Benefits	4506105	27,260	2,565	0	286	0	2,097	0	194
Employment Insurance	4506110	0	1,180	0	146	0	1,004	0	102
Employer Health Tax	4506115	0	1,101	0	121	0	919	0	82
Health Plan Contributions	4506120	0	1,518	0	3,321	0	3,366	0	0
OMERS Contributions	4506125	0	4,597	0	547	0	4,174	0	373
Insurance Plan Contrib.	4506130	0	1,883	0	132	0	1,633	0	0
W.S.I.B.	4506135	0	1,236	0	138	0	1,056	0	121
Other Benefits	4506199	0	0	0	0	0	0	0	62
Monitoring Program AP&B	4506931	1,691	4,002	6,000	2,964	0	866	0	0
Monitoring Program CE&CS	4506932	30,000	14,355	15,000	11,038	10,000	10,174	10,500	0
Monitoring Program M&S	4506933	0	722	500	1,922	500	2,054	2,500	0
Monitoring Program ROE	4506936	0	318	0	124	0	738	0	0
Landfill Liaison Committee CE&CS	4506972	250	0	0	0	0	0	0	0
Landfill Liaison Committee M&S	4506973	250	0	250	0	0	0	0	0
Advertising	4507040	1,000	0	250	468	500	0	500	0
Consulting & Engineering	4507100	2,000	748	0	1,183	23,000	18,316	20,000	0
Contracted Services	4507110	2,150	420	1,000	144,332	1,000	1,390	1,000	0
Insurance	4507250	87	0	0	0	0	0	0	0
Materials & Supplies	4507400	15,000	12,764	7,000	22,624	5,500	4,931	5,000	0
Capital Non-Own Equipment	4507690	0	0	0	0	0	0	0	0
Capital of Own Equipment	4507700	105,500	103,661	105,000	92,059	84,550	116,190	110,000	0
Repairs / Maintenance / Cleaning	4507750	6,000	72	2,000	1,940	2,000	2,185	2,500	36
Telephone & Utilities	4507840	7,500	9,724	9,500	9,721	9,000	13,694	17,000	0
Canada Pension Plan	6105	0	0	4,712	0	4,851	0	4,912	0
Employment Insurance	6110	0	0	1,898	0	1,964	0	1,997	0
EHT	6115	0	0	1,969	0	2,037	0	2,072	0
Health Plan Contributions	6120	0	0	7,316	0	7,294	0	8,140	0
O.M.E.R.S	6125	0	0	9,087	0	9,401	0	9,561	0
Insurance Plan Contributions	6130	0	0	3,443	0	3,602	0	3,705	0
W.S.I.B	6135	0	0	2,262	0	2,340	0	3,059	0
Misc Benefits	6199	0	0	0	0	1,906	0	2,207	0
		298,677	233,807	248,149	360,302	243,901	268,347	290,886	6,325
Net Total		121,323	157,344	171,851	174,736	226,099	265,566	269,723	(6,325)

City of Kenora - Department Budget Request

451 - Tri Municipal Landfill Site

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Expenditures									
Full-time Earnings	4516030	0	0	0	175	0	75	0	0
Part Time Earnings	4516040	0	0	0	14	0	0	0	0
Allocated Payroll	4516050	0	0	0	354	0	0	0	0
Monitoring Program AP&B	4516931	676	2,753	3,000	1,125	0	0	0	0
Monitoring Program CE&CS	4516932	5,000	3,545	5,000	5,141	4,000	4,528	4,500	0
Monitoring Program M&S	4516933	500	240	250	59	200	0	350	0
Monitoring Program ROE	4516936	0	64	75	0	0	0	0	0
Advertising	4517040	0	0	0	86	0	0	0	0
Consulting & Engineering	4517100	3,000	3,241	0	0	1,000	1,063	1,500	0
Contracted Services	4517110	0	0	0	726	0	763	0	0
Materials & Supplies	4517400	600	(2,589)	0	(2,381)	0	1,176	0	0
Rental Non-Own Equipment	4517690	200	0	0	0	0	0	0	0
Rental of Own Equipment	4517700	100	0	0	0	0	0	0	0
Telephone & Utilities	4517840	225	208	0	0	0	0	0	0
Amortization	4519970	0	1,170	0	0	0	0	0	0
		10,301	8,631	8,325	5,299	5,200	7,606	6,350	0
Net Total		(10,301)	(8,631)	(8,325)	(5,299)	(5,200)	(7,606)	(6,350)	0

City of Kenora - Department Budget Request

453 - General Solid Waste Vehicles & Equipment

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Expenditures									
#401-SW 89 Ford Packer AP&B	4534011	1,000	4,587	1,500	4,606	2,000	2,134	2,500	240
#401-SW 89 Ford Packer M&S	4534013	4,500	20,519	3,000	6,786	2,000	9,546	5,000	0
#401-SW 89 Ford Packer DSL	4534018	12,000	10,218	13,000	10,960	13,000	14,684	13,000	0
#401-SW 89 Ford Packer REC	4534019	(57,000)	(42,957)	(43,000)	(46,419)	(43,000)	(52,571)	(43,000)	0
#402-SW 01 Sterling Packer AP&B	4534021	1,500	2,478	1,500	4,697	2,000	4,244	2,500	226
#402-SW 01 Sterling Packer M&S	4534023	4,500	10,895	3,000	13,130	2,500	11,906	5,000	655
#402-SW 01 Sterling Packer DSL	4534028	13,000	12,115	13,000	11,419	13,000	12,523	13,000	0
#402-SW 01 Sterling Packer REC	4534029	(57,000)	(51,041)	(47,300)	(46,841)	(43,000)	(13,968)	(43,000)	0
#403-SW 04 621D Case AP&B	4534031	2,000	3,231	2,500	1,097	800	2,035	1,000	0
#403-SW 04 621D Case M&S	4534033	17,400	7,074	8,000	2,084	9,000	3,397	800	0
#403-SW 04 621D Case DSL	4534038	5,000	5,596	5,000	5,568	5,000	9,104	15,000	0
#403-SW 04 621D Case REC	4534039	(25,000)	(29,776)	(20,040)	(19,773)	(20,040)	(38,054)	(70,000)	0
#404-SW 87 936LF Compactor AP&B	4534041	2,000	2,759	2,000	1,153	1,500	4,221	2,000	113
#404-SW 87 936LF Compactor M&S	4534043	4,000	9,028	5,000	6,735	5,000	23,725	14,000	14
#404-SW 87 936LF Compactor DSL	4534048	13,500	1,040	15,000	8,423	20,000	16,306	5,000	0
#404-SW 87 936LF Compactor REC	4534049	(115,000)	(90,798)	(73,480)	(90,932)	(73,480)	(68,056)	(45,000)	0
#405-SW Unused AP&B	4534051	1,500	911	1,200	728	1,200	1,051	1,500	423
#405-SW Unused M&S	4534053	4,000	2,511	4,000	3,548	4,000	2,588	3,000	288
#405-SW Unused DSL	4534058	6,500	5,991	6,000	6,380	6,500	6,186	6,500	0
#405-SW Unused REC	4534059	(35,000)	(35,162)	(30,100)	(35,034)	(31,100)	(34,314)	(32,000)	0
#406-SW 4900 International Packer AP&B	4534061	500	213	500	0	200	208	500	0
#406-SW 4900 International Packer M&S	4534063	1,000	2,172	1,600	67	200	92	500	0
#406-SW 4900 International Packer DSL	4534068	3,000	2,649	2,200	0	200	0	100	0
#406-SW 4900 International Packer REC	4534069	(3,000)	0	(2,800)	0	(440)	97	440	0
#407-SW 98 1500LT Pickup AP&B	4534071	800	684	500	203	500	245	500	0
#407-SW 98 1500LT Pickup M&S	4534073	1,200	894	500	686	500	432	500	0
#407-SW 98 1500LT Pickup GAS	4534077	2,500	1,916	2,000	2,343	2,500	2,658	2,500	0
#407-SW 98 1500LT Pickup REC	4534079	(6,000)	(1,580)	(2,400)	(1,048)	(2,400)	(1,665)	2,000	0
#408-SW 94 F150 Pickup AP&B	4534081	700	1,361	500	82	500	467	500	49
#408-SW 94 F150 Pickup M&S	4534083	400	604	500	747	500	2,090	1,800	0
#408-SW 94 F150 Pickup GAS	4534087	1,200	18,185	4,200	15,988	4,500	5,148	4,500	0
#408-SW 94 F150 Pickup REC	4534089	(3,000)	(824)	(960)	(2,752)	(3,000)	(5,129)	(3,000)	0
#409-SW 02 GMC 1/2 Ton AP&B	4534091	500	427	500	980	500	974	800	50
#409-SW 02 GMC 1/2 Ton M&S	4534093	800	1,683	500	714	500	1,405	800	0
#409-SW 02 GMC 1/2 Ton GAS	4534097	2,500	3,177	2,800	2,788	3,300	2,232	3,000	0
#409-SW 02 GMC 1/2 Ton REC	4534099	(2,000)	(724)	(960)	(1,724)	(2,000)	(700)	(2,000)	0
#410-SW 00 Deep Water Boat AP&B	4534101	300	583	500	589	500	444	600	0
#410-SW 00 Deep Water Boat M&S	4534103	400	1,258	1,000	1,120	800	348	800	0
#410-SW 00 Deep Water Boat GAS	4534107	400	0	500	107	500	206	500	0
#410-SW 00 Deep Water Boat REC	4534109	(2,000)	(1,375)	(2,200)	(314)	(2,200)	(1,474)	(1,500)	0
#411-SW 01 Mad Vac AP&B	4534111	300	598	2,500	1,707	2,500	3,740	3,000	450
#411-SW 01 Mad Vac M&S	4534113	200	7,868	25,000	50,365	13,000	31,232	9,000	0
#411-SW 01 Mad Vac DSL	4534118	200	3,694	8,000	8,037	5,800	6,674	9,000	0
#411-SW 01 Mad Vac REC	4534119	(1,500)	(20,562)	(20,425)	(39,842)	(20,425)	(50,588)	(39,000)	0
#412-PW 86 544E JD Loader AP&B	4534121	600	2,165	1,000	1,061	1,000	1,534	1,000	0
#412-PW 86 544E JD Loader M&S	4534123	500	4,188	2,000	2,593	2,000	3,856	2,000	0
#412-PW 86 544E JD Loader DSL	4534128	10,000	4,045	4,000	8,347	3,400	12,666	7,000	0
#412-PW 86 544E JD Loader REC	4534129	(30,000)	(19,890)	(13,360)	(30,427)	(19,890)	(26,517)	(19,980)	0

City of Kenora - Department Budget Request

453 - General Solid Waste Vehicles & Equipment

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
.13-SW 02 Skid Steer Loader AP&B	4534131	500	54	500	107	500	0	500	0
#413-SW 02 Skid Steer Loader M&S	4534133	800	108	1,000	141	1,000	24	800	0
#413-SW 02 Skid Steer Loader DSL	4534138	500	201	800	374	800	0	0	0
#413-SW 02 Skid Steer Loader REC	4534139	(2,200)	(381)	(5,780)	(376)	(5,780)	(173)	(17,500)	0
#414-SW 05 Int. Roll Off Truck AP&B	4534141	3,000	2,446	3,000	2,634	3,000	4,862	3,500	56
#414-SW 05 Int. Roll Off Truck M&S	4534143	8,000	10,212	6,000	16,584	6,000	10,520	6,000	0
#414-SW 05 Int. Roll Off Truck DSL	4534148	23,000	30,398	31,000	27,881	33,000	24,599	23,000	0
#414-SW 05 Int. Roll Off Truck REC	4534149	(43,000)	(54,979)	(49,600)	(40,602)	(49,600)	(34,301)	(32,000)	0
#415-SW 00 Int I Recycle Truck AP&B	4534151	25,000	4,782	3,000	2,325	3,000	2,021	3,000	125
#415-SW 00 Int I Recycle Truck M&S	4534153	6,000	12,320	6,000	6,133	6,000	10,879	6,000	0
#415-SW 00 Int I Recycle Truck DSL	4534158	13,000	16,995	1,500	19,252	19,000	33,842	26,000	0
#415-SW 00 Int I Recycle Truck REC	4534159	(30,000)	(32,597)	(27,900)	(30,636)	(27,900)	(49,403)	(35,000)	0
#416-SW 01 Int I Recycle AP&B	4534161	800	1,184	1,500	1,591	2,000	2,201	3,000	353
#416-SW 01 Int I Recycle M&S	4534163	500	4,409	3,000	3,778	3,000	9,502	3,500	0
#416-SW 01 Int I Recycle Deisel	4534168	1,500	8,376	4,000	10,584	10,300	8,892	8,500	0
#416-SW 01 Int I Recycle REC	4534169	(20,000)	(39,883)	(17,200)	(44,355)	(22,145)	(35,672)	(25,000)	0
#417-SW 00 Freightliner Loader Side Ld AP&B	4534171	2,000	1,313	1,000	0	1,000	364	1,000	665
#417-SW 00 Freightliner Loader Side Ld M&S	4534173	2,000	2,830	2,000	0	2,000	445	2,000	179
#417-SW 00 Freightliner Loader Side Ld DSL	4534178	4,000	2,954	3,000	7,106	3,400	8,501	7,000	0
#417-SW 00 Freightliner Loader Side Ld REC	4534179	(9,000)	(4,275)	(13,500)	(4,118)	(13,500)	(11,228)	(4,500)	0
#418- 03SW Jones Rd. Dozer AP&B	4534181	1,800	321	2,000	591	2,000	1,558	2,000	0
#418- 03SW Jones Rd. Dozer M&S	4534183	3,000	10,267	35,500	6,083	3,000	3,961	4,000	0
#418- 03SW Jones Rd. Dozer DSL	4534188	9,000	3,903	4,000	8,553	6,000	8,599	7,000	814
#418- 03SW Jones Rd. Dozer REC	4534189	(30,000)	(21,578)	(18,000)	(12,105)	(18,000)	(18,484)	(18,000)	0
#419 - Compactor AP&B	4534191	1,800	974	1,500	259	1,500	592	1,500	0
#419 - Compactor M&S	4534193	8,000	11,039	5,000	12,721	5,000	15,598	6,000	0
Diesel	4534198	0	32,491	0	65,428	72,000	75,184	72,000	0
#419 - Compactor REC	4534199	(40,000)	(69,298)	(97,500)	(61,667)	(97,500)	(58,203)	(68,000)	0
Allocated pay & benefits	4534201	2,500	2,433	2,500	4,210	2,500	2,059	2,500	95
Materials & Supplies	4534203	7,000	7,610	5,000	11,021	5,000	8,632	5,500	0
Diesel	4534208	16,000	15,072	12,000	11,290	13,000	8,005	8,000	0
Recovery from Charge	4534209	(48,000)	0	(22,750)	0	(22,750)	0	(22,000)	0
Allocated Pay & Benefits	4534211	1,500	2,009	1,500	571	1,500	1,588	1,500	176
Materials & Supplies	4534213	7,000	15,058	5,000	10,733	5,000	10,279	6,000	0
Diesel	4534218	45,000	38,532	22,000	16,047	15,000	16,084	15,000	0
Recovery from Charge	4534219	(75,000)	(42,118)	(32,500)	(23,810)	(32,500)	(56,495)	(35,000)	0
Allocated Pay & Benefits	4534221	500	197	1,000	249	1,000	613	1,000	129
Materials & Supplies	4534223	5,000	1,976	2,500	1,545	2,500	6,931	2,500	484
Recovery from Charge	4534229	0	(150)	(17,500)	(425)	(17,500)	(15,928)	(12,000)	0
Allocated Pay & Benefits	4534231	500	227	1,000	298	1,000	310	1,000	1,007
Materials & Supplies	4534233	3,000	2,643	2,500	6,405	2,500	1,634	2,500	977
Recovery from Charge	4534239	0	0	(17,500)	(550)	(17,500)	(16,525)	(17,000)	0
Allocated Pay & Benefits	4534241	1,000	442	1,000	1,991	1,000	2,093	1,500	0
Materials & Supplies	4534243	3,000	4,711	4,000	4,809	4,000	2,639	4,000	0
Recovery from charge	4534249	0	(375)	(12,500)	(788)	(12,500)	(9,612)	(12,500)	0

City of Kenora - Department Budget Request

453 - General Solid Waste Vehicles & Equipment

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Allocated Pay & Benefits	4534251	1,000	871	1,000	926	1,000	389	1,500	0
Materials & Supplies	4534253	3,000	2,522	4,000	3,703	4,000	3,414	4,000	0
Recovery from Charge	4534259	0	(400)	(12,500)	(88)	(12,500)	(4,754)	(12,500)	0
Amortization	4539970	0	172,744	0	0	0	0	0	0
General Vehicles & Equip AP&B	4539991	1,000	0	0	170	0	0	1,000	0
General Vehicles & Equip CS	4539992	0	0	0	0	0	0	8,000	0
General Vehicles & Equip M&S	4539993	5,000	271	10,000	977	14,000	13,618	21,500	0
General Vehicles & Equip INS	4539994	13,577	13,311	14,309	12,710	12,291	10,504	9,033	0
General Vehicles & Equip GAS	4539997	4,000	0	0	0	0	0	0	0
General Vehicles & Equip DSL	4539998	19,000	2,045	5,000	0	5,000	0	5,000	0
General Vehicles & Equip REC	4539999	0	0	0	0	0	0	80,000	0
		(260,523)	36,847	(247,646)	(69,003)	(205,959)	(92,481)	(101,007)	7,567
Net Total		260,523	(36,847)	247,646	69,003	205,959	92,481	101,007	(7,567)

City of Kenora - Department Budget Request

458 - Solid Waste Supervisor

	Account	2012		2013		2014		2015	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Expenditures									
Full Time Earnings	4486030	0	0	0	0	39,521	0	41,867	0
Full Time Earnings	4586030	70,053	13,286	36,619	35,248	0	38,232	0	3,062
Allocated Payroll	4586050	0	194	0	0	0	0	0	0
Benefits	4586105	18,914	669	0	1,193	0	1,159	0	144
Unemploy Insurance	4586110	0	325	0	572	0	559	0	74
E. H. T.	4586115	0	277	0	720	0	756	0	59
Health Plan Contributions	4586120	0	1,247	0	2,890	0	1,951	0	0
OMERS Contributions	4586125	0	1,362	0	3,949	0	4,232	0	333
Insurance Plan Contrib.	4586130	0	51	0	397	0	410	0	0
Workers Compensation	4586135	0	312	0	822	0	854	0	88
Other Benefits	4586199	0	68	0	65	0	0	0	0
Administration	4587020	52,034	52,034	64,479	64,479	78,682	78,682	83,139	0
Materials & Supplies	4587400	0	191	0	554	0	134	200	0
Rental of Own Equipment	4587700	0	0	0	0	0	0	0	0
Subscript/Memberships	4587800	475	224	500	1,771	1,000	1,127	1,000	504
Telephone & Utilities	4587840	0	0	0	435	2,000	1,869	2,000	51
Training	4587850	1,500	2,101	1,500	543	1,500	381	1,500	0
Travel & Conference	4587900	1,500	4,318	3,000	3,793	3,000	0	1,500	0
Canada Pension Plan	6105	0	0	1,913	0	1,213	0	1,240	0
Employment Insurance	6110	0	0	727	0	586	0	604	0
EHT	6115	0	0	754	0	771	0	816	0
Health Plan Contributions	6120	0	0	2,060	0	2,059	0	2,282	0
O.M.E.R.S	6125	0	0	4,538	0	4,300	0	4,643	0
Insurance Plan Contributions	6130	0	0	426	0	455	0	482	0
W.S.I.B	6135	0	0	866	0	423	0	448	0
Misc Benefits	6199	0	0	0	0	476	0	552	0
		144,476	76,660	117,381	117,430	135,986	130,346	142,273	4,315
Net Total		(144,476)	(76,660)	(117,381)	(117,430)	(135,986)	(130,346)	(142,273)	(4,315)



Capital Projects

Appendix 3



**CITY OF KENORA - SOLID WASTE OPERATIONS
FIVE YEAR CAPITAL PROJECTIONS**

DESCRIPTION	TOTAL COST				
	2015	2016	2017	2018	2019
Hazardous Waste Day					
Hazardous Waste Depot Building	100,000				
Transfer Facility					
4' Safety Pipe at the C and D area	20,000				
Replacing Existing Window Glass	10,000				
Garbage Building Floor		50,000			
Roll Off Bins			30,000		
Kenora Area Landfill					
Construction of Peripheral Road at Jon	100,000				
Construction of Retention Basin		50,000			
SW Vehicles & Equipment					
Half Ton Truck	32,000				
Wood Grinder	300,000				
Landfill Compactor		300,000			
New Out Board Motor		13,000			
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
TOTAL PROJECTED COSTS	562,000	413,000	385,000	340,000	330,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2015

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
15.445.01	Hazardous Waste Day Hazardous Waste Depot Building	100,000	-	-	-	100,000
15.448.01	Transfer Facility 4' Safety Pipe at the C and D area	20,000	-	-	-	20,000
15.448.02	Replacing Existing Window Glass	10,000	-	-	-	10,000
15.450.01	Kenora Area Landfill Construction of Peripheral Road at Jones Part 2	100,000	-	-	-	100,000
15.453.01	SW Vehicles & Equipment Half Ton Truck	32,000	-	-	-	32,000
15.453.02	Wood Grinder	300,000	-	-	-	300,000
FUNCTIONAL TOTALS		562,000	-	-	-	562,000

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
16.453.01	Solid Waste Vehicles & Equipment Landfill Compactor	300,000	-	-	-	300,000
16.453.02	New Out Board Motor	13,000	-	-	-	13,000
FUNCTIONAL TOTALS		413,000	-	-	-	413,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2017

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
17.448.01	Transfer Facility Roll Off Bins	30,000	-	-	-	30,000
17.453.01	SW Vehicles & Equipment Buldozer replacement	225,000	-	-	-	225,000
17.453.02	Garbage trailer	130,000	-	-	-	130,000
FUNCTIONAL TOTALS		385,000	-	-	-	385,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2018

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	SW Vehicles & Equipment					
18.453.01	Recycle Collection Truck	175,000	-	-	-	175,000
18.453.02	Highway Tractor	165,000	-	-	-	165,000
	FUNCTIONAL TOTALS	340,000	-	-	-	340,000

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