



Solid Waste Budget

2019

The City of Kenora, Ontario, Canada

Lake of the Woods
KENORA





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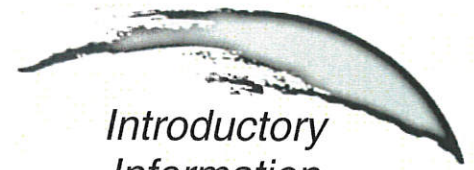
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Solid Waste Operations

The City's solid waste operations are responsible for the collection and disposal of solid waste for the City of Kenora. In 2017, the City collected approximately 32,460 tons of waste, including recycling. The following table shows the annual distribution of municipal solid waste in 2017 in terms of weight. The quantities of municipal solid waste collected in 2017 were 3% higher than those collected in 2016. 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. Below, the 2018 weights to date at December 5, 2018, are also included for comparison purposes.



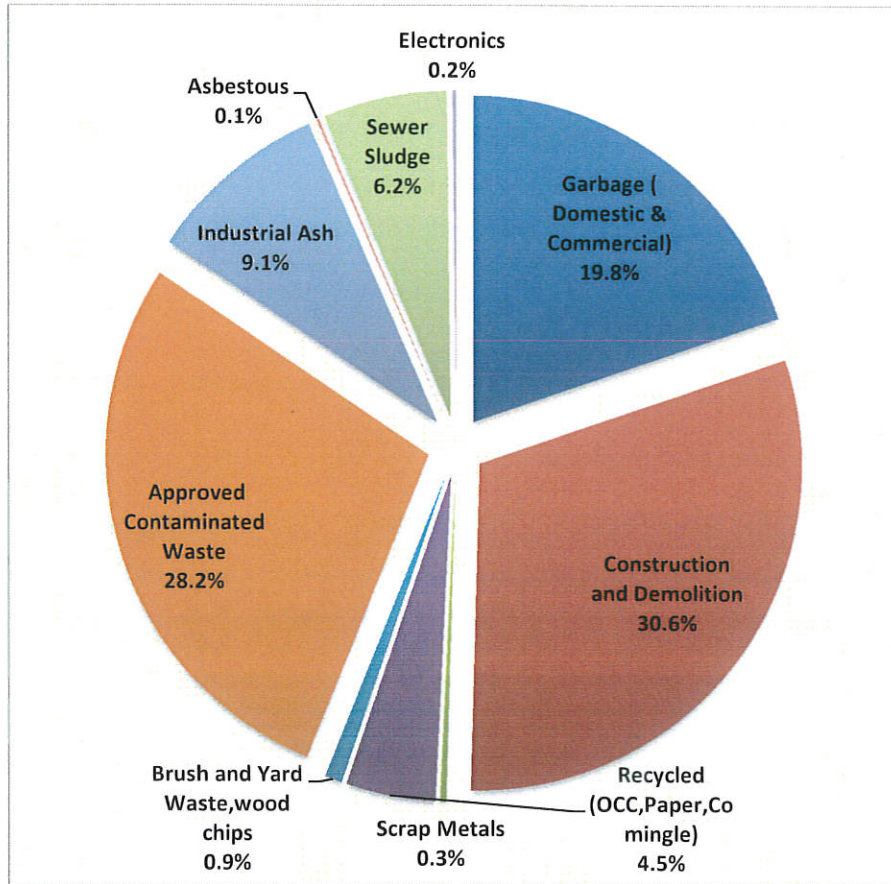
*Introductory
Information*

Solid Waste Operations

S.No	Description	2017 Weight (Tonnes)	Distribution	2018 Weight (Tonnes)	Distribution
1	Garbage (Domestic & Commercial)	6,430.00	19.8%	6,271.00	28.2%
2	Construction & Demolition Waste	9,928.00	30.6%	8,274.00	37.2%
3	Scrap Metals	103.38	0.3%	113.54	0.5%
4	Recycled (OCC, Paper, Comingle)	1,472.18	4.5%	1,294.00	5.8%
5	Brush, Yard Waste and Wood Chips	284.96	0.9%	418.29	1.9%
6	Approved Contaminated Waste	9,145.00	28.2%	591.20	2.7%
7	Industrial Ash	2,953.00	9.1%	2,497.28	11.2%
8	Asbestos	45.00	0.1%	11.61	0.1%
9	Sewer Sludge	2,012.00	6.2%	2,703.54	12.1%
10	Electronics Waste	63.00.	0.2%	52.30	0.2%
11	Hazardous Waste	39.00	0.1%	34.20	0.2%
	Total	32,476		22,261	



Solid Waste Operations (Cont.)



Introductory Information

Solid Waste Operations (Cont.)

The City's current solid waste operations are staffed by a complement of 14 Full-Time Employees, 2 Part-Time Employees and 4 Seasonal employees. The Division deploys their staff to other areas of the City, such as the Roads Division, as required, based on workload demands, resulting in efficiencies within the Division where possible.

There are four (4) types of curbside collection within the City – Urban Residential, Rural Residential, Industrial / Commercial / Institutional (ICI) and Multi Dwellings collection. The City currently provides both urban and rural residential collection that operates 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 recyclables collection service to Coney Island during the spring and summer seasons. In addition to this, the City also collects recycle and garbage from the downtown receptacles. Private companies also offer various collection options for residential and commercial customers.



City of Kenora 2019 Solid Waste Budgets

Solid Waste Operations (Cont.)

The Blue Box Recycle Program is provided at no cost to residential users. 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 2017, the Transfer Station shipped 1,472 tonnes of recyclables to Cascades Recovery Inc. in Winnipeg. The City has collected 388 tonnes of recyclable waste materials from the curbside (residential, ICI and Multi) which is 26% of all recycle materials handled by the Division.

The City of Kenora also hauls the City of Dryden's recyclable waste to Winnipeg. The City of Kenora hauled 796.8 tonnes of Dryden's recyclable material in 2017.

The City diverted 63 tons of electronic waste from the landfill in 2017. The City collected 39 tons of Household Hazardous Waste in 2017 and diverted from the landfill.

Revenue Impacts

The City continues to comply with the Waste Diversion Act and makes changes in its Solid Waste Division to provide this service. Ongoing changes to this Division 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 14% by weight of waste and recycling that is handled through the Waste Transfer Facility. The blue box curbside collection routes currently average 2,091 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



City of Kenora 2019 Solid Waste Budgets

Revenue Impacts (Cont.)

The City currently offers the following pick up services for solid waste and the 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 Service 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 vehicles 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 Service is performed on the same collection route as the garbage route with the 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-Unit 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-unit 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 a loss of revenues which ultimately impacts the bottom line of the Solid Waste Division. As a result, in 2015, the City reviewed its tipping fees and the rate was increased. The bag tag rate remained the same.



Introductory Information

Revenue Impacts (Cont.)



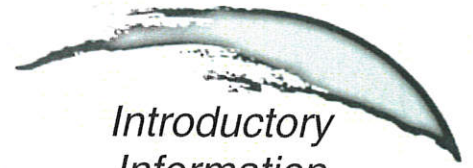
Existing Solid Waste Infrastructure

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 an Environmental Compliance Approval (ECA) from the Ministry of Environment and Climate Change (MOECC). The ECA 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 (25) years following the closure of the site in 2000.

The remaining useful life of the Kenora Area Landfill site is directly related to the volume of waste hauled into it. In 2017, the City has disposed \$30,800 tons of municipal solid waste to the landfill. The estimated total tons of municipal waste disposed to the Kenora Area Landfill up to date is 230,856 tons. With the diversion of the City's solid waste to this site, the anticipated remaining life of the site is projected at 40 years.

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 \$2.3 million.



Introductory Information

Existing Solid Waste Infrastructure

Operational Efficiencies

The following operational changes were made in 2018 in order to improve the overall operational efficiencies of the City Transfer Facility and landfill:

- ❑ Consultants were brought in to complete a design of an extension of the current scale building.
- ❑ A new loader was purchased to replace the existed one.
- ❑ A new bulldozer was purchased to replace the existed one.
- ❑ The permit application to the MNR for an aggregate pit near the landfill to supply enough daily cover materials, is still in progress.

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 Efficiencies

City of Kenora 2019 Solid Waste Budgets

2019 Budget Highlights

The 2019 operating budget projects total combined revenues of \$2.25 million and expenditures of \$1.7 million, resulting in a system operating surplus of approximately \$.55 million before capital expenditures. Proposed capital expenditures for 2019 are \$.52 million. Larger value projects included in the 2019 capital expenditures are as follows:

- Development of Aggregate Pit/Fire break road - \$.15 million
- Extension of Scale Building - \$.34 million

Actual and Projected System Funding Available

Over the next five years, the City is projecting that the solid waste reserves maintain their current balance. While this does look positive for the next five years it should be noted that net operations is steadily decreasing over the next 5 years due to increasing expenses. A further review of the City's tipping fees will be required, with the intent of ensuring sufficient funds are set aside annually to pay for ongoing capital, together with future landfill replacement costs.

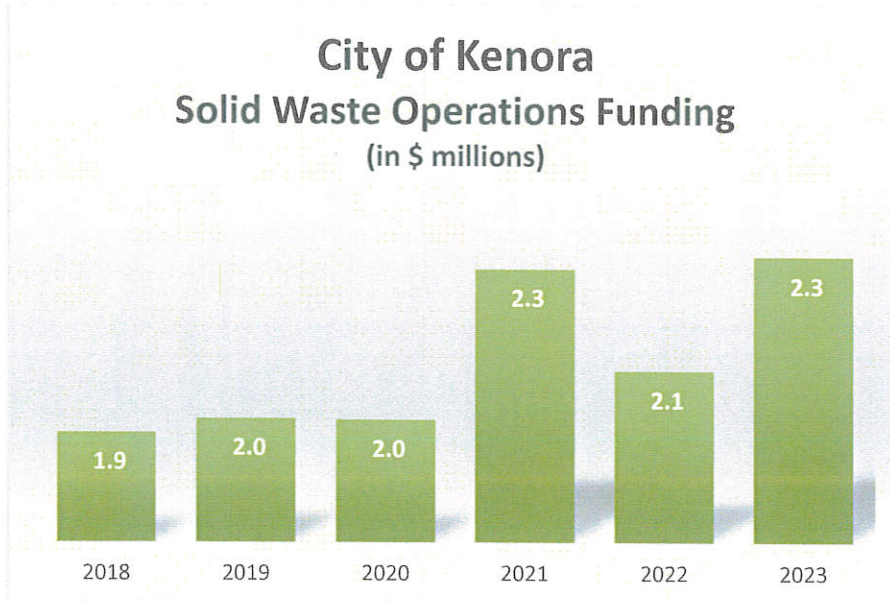
The following table outlines the solid waste accumulated reserves projected over the next five-year period. The analysis included in Appendix 1 provides this information in greater detail.



Budget Overview

2019 Budget Highlights

Actual and Projected System Funding Available





Appendix 1



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

	2014	2015	2016	2017	2018
COLLECTION					*
Garbage Collection	-25,325	-11,512	-6,956	-4,636	-3,636
DISPOSAL					
Household Hazardous Waste Day	-11,404	-21,573	-80,045	-54,422	-39,151
Transfer Facility	205,621	169,306	217,100	141,426	181,946
Kenora Area Landfill	262,670	607,292	672,382	594,266	336,077
Tri Municipal Landfill	-7,606	-6,810	-5,918	-7,019	-9,950
VEHICLES & EQUIPMENT	89,499	251,363	202,982	155,095	118,812
ADMINISTRATION	-133,603	-145,400	-141,036	-182,803	-214,405
	379,852	842,667	858,509	641,906	369,691
OTHER IMPACTS					
Allocated to operating	-11,088	0	0	-29669	0
SYSTEM FUNDING BALANCE					
Opening System Funding	791,245	885,885	1,572,819	2,195,352	2,549,971
Net Operations	379,852	842,667	858,509	641,906	369,691
	1,160,008	1,728,552	2,431,328	2,807,590	2,919,662
CAPITAL WORKS					
Funded through System Funding	-274,123	-155,733	-235,976	-257,619	-990,000
BALANCE - SYSTEM FUNDING	885,885	1,572,819	2,195,352	2,549,971	1,929,662

* Based on preliminary operating and capital results (Operating results prorated for the portion of the year not yet completed).

	2019	2020	2021	2022	2023
OPENING BALANCE	1,929,662	1,960,173	1,956,534	2,273,062	2,059,061
ACTIVITY					
Operations Projected Surplus	545,511	511,361	476,528	440,999	404,759
Capital	-515,000	-515,000	-160,000	-655,000	-165,000
BALANCE - SYSTEM FUNDING	1,960,173	1,956,534	2,273,062	2,059,061	2,298,819



Operating Budget

Appendix 2



**CITY OF KENORA
SOLID WASTE
OPERATING BUDGET
2019**

30-Nov-18

Account	2016		2017		2018		2019		
	BUDGET	ACTUAL	BUDGET	PRELIM	BUDGET	PRELIM	BUDGET	PRELIM	
REVENUES									
User Charges	2,075,000	2,476,201	2,181,600	2,358,553	2,464,000	2,033,599	2,253,000	-	
Province of Ontario Grants	0	-	-	-	-	-	-	-	
Other Income	7,000	-	-	-	-	-	-	-	
	2,082,000	2,476,201	2,181,600	2,358,553	2,464,000	2,033,599	2,253,000	-	
EXPENDITURES									
Collection									
Garbage Collection	4410000	270,441	260,352	292,252	262,260	292,007	266,962	321,028	-
Disposal									
Household Hazardous Waste	4450000	53,250	84,125	82,000	59,433	71,100	39,151	70,800	-
Transfer Facility	4480000	930,524	996,806	994,642	1,042,607	964,979	951,241	948,511	-
Kenora Area Landfill	4500000	360,044	332,437	422,940	317,619	410,237	301,010	373,177	-
Tri Municipal Landfill Site	4510000	6,500	5,918	6,000	7,019	7,600	9,950	8,200	-
		1,350,318	1,419,286	1,505,582	1,426,678	1,453,916	1,301,353	1,400,688	-
Vehicles & Equip	4530000	-201,300	- 202,982	- 261,407	- 155,095	- 151,183	- 118,812	- 214,215	-
SW Supervisor	4580000	168,728	141,036	188,930	182,803	201,669	214,405	199,988	-
TOTAL EXPENDITURES		1,588,187	1,617,692	1,725,357	1,716,646	1,796,409	1,663,908	1,707,489	-
NET REVENUE (EXPENDITURE)		493,813	858,509	456,243	641,906	667,591	369,691	545,511	-

City of Kenora - Department Budget Request

441 - Garbage Collection

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues							
Garbage Collection User Fee Bag Tag Sales	4414710	122,000	130,664	132,000	129,754	132,000	0
Garbage Collection User Fee Bag Tag Sales Discount	4414711	132,000	126,960	127,000	116,607	127,000	0
		254,000	257,624	259,000	246,361	259,000	0
Expenditures							
Garbage Collection FT Wages	4416030	77,405	68,205	78,577	56,155	80,619	0
Garbage Collection PT Wages	4416040	18,918	6,843	19,200	15,526	21,760	0
Garbage Collection CPP	4416105	4,768	3,168	4,199	3,244	9,377	0
Garbage Collection EI	4416110	1,570	1,478	1,441	1,523	3,155	0
Garbage Collection EHT	4416115	1,878	1,391	1,907	1,391	1,979	0
Garbage Collection Health Plan Contrib	4416120	4,874	8,581	4,454	3,496	6,591	0
Garbage Collection OMERS	4416125	6,863	5,699	7,890	4,854	7,071	0
Garbage Collection Insurance Contrib	4416130	3,014	2,274	3,251	1,508	3,300	0
Garbage Collection WSIB	4416135	2,938	2,178	3,129	2,282	3,198	0
Garbage Collection Misc Benefits	4416199	2,475	0	0	392	0	0
Garbage Collection Advertising	4417040	500	685	750	373	750	0
Garbage Collection Alloc Garage	4417047	78,048	78,048	78,156	78,156	92,345	0
Garbage Collection Materials & Supplies	4417400	14,000	13,857	16,000	13,462	16,000	0
Garbage Collection Rent Own Equip	4417700	75,000	69,853	72,000	57,952	75,000	0
		292,252	262,260	290,954	240,313	321,144	0
Net Total		(38,252)	(4,637)	(31,954)	6,048	(62,144)	0

City of Kenora - Department Budget Request

445 - Hazardous Waste Day

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues							
HHWD-Household-Sale of Hazardous Waste	4455400	7,600	5,011	5,000	193	4,000	0
		7,600	5,011	5,000	193	4,000	0
Expenditures							
Household Haz Waste Day FT Wages	4456030	9,000	5,689	6,000	5,656	6,000	0
Household Hazardous Waste--PT Wages	4456040	0	246	500	0	0	0
Household Haz-General- Benefits	4456104	3,300	1,876	2,000	2,030	2,000	0
Household Haz Waste Day Advertising	4457040	500	572	600	627	800	0
Household Haz Waste Day Contract Services	4457110	71,000	49,347	50,000	27,770	45,000	0
Household Haz Waste Day Materials & Supplies	4457400	1,500	1,704	12,000	381	17,000	0
		85,300	59,433	71,100	36,465	70,800	0
Net Total		(77,700)	(54,423)	(66,100)	(36,272)	(66,800)	0

City of Kenora - Department Budget Request

448 - Transfer Facility

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Revenues							
Transfer Facility User Fee Tipping Fees	4484710	1,190,000	1,169,342	1,180,000	1,034,528	1,180,000	0
Transfer Facility User Fee Miscellaneous	4484799	30,000	14,691	20,000	9,810	10,000	0
		1,220,000	1,184,033	1,200,000	1,044,338	1,190,000	0
Expenditures							
Garage & Shop FT Wages	3926030	12,817	0	0	0	0	0
Garage & Shop CPP	3926105	513	0	0	0	0	0
Garage & Shop EI	3926110	205	0	0	0	0	0
Garage & Shop EHT	3926115	250	0	0	0	0	0
Garage & Shop Health Plan Contrib	3926120	826	0	0	0	0	0
Garage & Shop OMERS	3926125	1,252	0	0	0	0	0
Garage & Shop Insurance Contrib	3926130	507	0	0	0	0	0
Garage & Shop WSIB	3926135	391	0	0	0	0	0
Garage & Shop Misc Benefits	3926199	330	0	0	0	0	0
Sanitary System FT Wages	4116030	3,446	0	0	0	5,679	0
Sanitary System CPP	4116105	128	0	0	0	220	0
Sanitary System EI	4116110	53	0	0	0	87	0
Sanitary System EHT	4116115	67	0	0	0	111	0
Sanitary System Health Plan Contrib	4116120	206	0	0	0	352	0
Sanitary System OMERS	4116125	348	0	0	0	572	0
Sanitary System Insurance Contrib	4116130	136	0	0	0	239	0
Sanitary System WSIB	4116135	37	0	0	0	179	0
Sanitary System Misc Benefits	4116199	83	0	0	0	0	0
Transfer Facility FT Wages	4486030	379,853	450,781	388,537	416,098	395,478	0
Transfer Facility PT Wages	4486040	78,391	76,088	80,509	61,206	82,695	0
Transfer Facility CPP	4486105	20,668	22,170	20,312	20,651	20,838	0
Transfer Facility EI	4486110	7,245	9,842	7,210	9,452	7,119	0
Transfer Facility EHT	4486115	8,936	10,035	9,126	9,104	9,282	0
Transfer Facility Health Plan Contrib	4486120	24,485	43,693	25,934	26,322	28,082	0
Transfer Facility OMERS	4486125	37,440	44,169	34,316	37,578	35,783	0
Transfer Facility Insurance Contrib	4486130	13,536	15,182	15,775	13,097	16,011	0
Transfer Facility WSIB	4486135	13,976	15,596	8,756	14,906	8,779	0
Transfer Facility Misc Benefits	4486199	15,291	2,503	0	448	0	0
Transfer Facility Advertising	4487040	3,000	3,119	3,000	2,498	3,000	0
Transfer Facility Computer Maintenance	4487090	0	0	6,300	0	0	0
Transfer Facility Contract Services	4487110	22,500	22,236	25,000	6,877	25,000	0
Transfer Facility Insurance	4487250	808	971	1,164	573	1,161	0
Transfer Facility Materials & Supplies	4487400	24,000	42,493	32,100	18,538	32,200	0
Transfer Facility Rent Own Equip	4487700	250,000	211,008	220,000	166,441	200,000	0
Transfer Facility Repairs & Maintenance	4487750	27,500	28,069	31,000	27,948	30,000	0
Transfer Facility Taxes & Licenses	4487820	27,419	31,121	30,849	30,417	30,144	0
Transfer Facility Utilities	4487840	11,500	9,850	11,500	5,996	9,000	0
Transfer Facility Training	4487850	6,500	3,679	6,500	5,003	6,500	0
Jones Road Landfill FT Wages	4506030	0	0	0	0	59,186	0
Jones Road Landfill CPP	4506105	0	0	0	0	1,924	0
Jones Road Landfill EI	4506110	0	0	0	0	704	0
Jones Road Landfill EHT	4506115	0	0	0	0	1,154	0
Jones Road Landfill Health Plan Contrib	4506120	0	0	0	0	3,076	0
Jones Road Landfill OMERS	4506125	0	0	0	0	6,411	0
Jones Road Landfill Insurance Contrib	4506130	0	0	0	0	2,486	0
		994,642	1,042,607	957,889	873,153	1,023,452	0
Net Total		225,358	141,426	242,111	171,185	166,548	0

City of Kenora - Department Budget Request

450 - Kenora Area Landfill

Account	2017		2018		2019	
	Budget	Actual	Budget	Actual	Budget	Actual
Revenues						
Jones Road Landfill Approp fr Reserve Fund	4500257	0	20,282	0	0	0
Jones Road Landfill User Fee Tipping Fees	4504710	700,000	911,885	1,000,000	596,798	800,000
		700,000	932,166	1,000,000	596,798	800,000
Expenditures						
Garage & Shop FT Wages	3926030	9,430	0	0	0	0
Garage & Shop CPP	3926105	385	0	0	0	0
Garage & Shop EI	3926110	152	0	0	0	0
Garage & Shop EHT	3926115	184	0	0	0	0
Garage & Shop Health Plan Contrib	3926120	619	0	0	0	0
Garage & Shop OMERS	3926125	912	0	0	0	0
Garage & Shop Insurance Contrib	3926130	373	0	0	0	0
Garage & Shop WSIB	3926135	288	0	0	0	0
Garage & Shop Misc Benefits	3926199	248	0	0	0	0
Jones Road Landfill FT Wages	4506030	164,174	112,897	166,608	94,815	109,918
Jones Road Landfill CPP	4506105	7,692	5,832	7,781	4,844	3,574
Jones Road Landfill EI	4506110	2,676	2,407	2,716	2,167	1,307
Jones Road Landfill EHT	4506115	3,201	2,542	3,249	2,031	2,143
Jones Road Landfill Health Plan Contrib	4506120	12,384	8,343	13,182	7,055	5,712
Jones Road Landfill OMERS	4506125	14,776	11,679	14,995	9,312	11,907
Jones Road Landfill Insurance Contrib	4506130	6,490	4,658	6,998	3,694	4,617
Jones Road Landfill WSIB	4506135	5,007	3,972	0	3,333	0
Jones Road Landfill Misc Benefits	4506199	4,950	0	0	0	0
Jones Road Landfill-Monitoring-CE&CS	4506932	0	0	0	0	0
Jones Road Landfill-Monitoring -M & S	4506933	10,000	9,662	7,000	12,662	10,000
Jones Road Landfill Contract Services	4507110	2,000	4,857	3,000	2,661	27,000
Jones Road Landfill Materials & Supplies	4507400	5,000	(18,542)	8,000	5,161	8,000
Jones Road Landfill Rent Own Equip	4507700	140,000	149,480	150,000	123,348	150,000
Jones Road Landfill Repairs & Maintenance	4507750	20,000	5,155	10,000	8,019	25,000
Jones Road Landfill Utilities	4507840	12,000	14,678	14,000	7,107	14,000
		422,940	317,619	407,528	286,210	373,177
Net Total		277,060	614,547	592,472	310,588	426,823

City of Kenora - Department Budget Request

451 - Tri Municipal Landfill Site

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Expenditures							
Tri-Municipal Landfill FT Wages	4516030	1,000	1,092	1,200	120	1,200	0
Tri-Municipal-General- Benefits	4516104	0	399	400	0	0	0
Tri-Municipal Landfill Contract Services	4517110	3,500	5,101	5,000	6,814	6,000	0
Tri-Municipal Landfill Materials & Supplies	4517400	1,000	427	500	1,358	1,000	0
Tri-Municipal Landfill Rent Own Equip	4517700	500	0	500	0	0	0
		6,000	7,019	7,600	8,292	8,200	0
Net Total		(6,000)	(7,019)	(7,600)	(8,292)	(8,200)	0

City of Kenora - Department Budget Request

453 - General Solid Waste Vehicles & Equipment

Account	2017		2018		2019	
	Budget	Actual	Budget	Actual	Budget	Actual
Revenues						
SW Vehicles & Equip-Approp from reserves	4530057	0	29,669	0	0	0
SW Vehicles & Equip Approp fr Reserve Fund	4530257	0	237,338	0	0	0
		0	267,007	0	0	0
Expenditures						
Garage & Shop FT Wages	3926030	48,375	0	54,963	0	62,566
Garage & Shop CPP	3926105	2,051	0	2,308	0	2,584
Garage & Shop EI	3926110	785	0	894	0	1,020
Garage & Shop EHT	3926115	943	0	1,072	0	1,220
Garage & Shop Health Plan Contrib	3926120	3,302	0	3,911	0	4,130
Garage & Shop OMERS	3926125	4,596	0	5,239	0	6,113
Garage & Shop Insurance Contrib	3926130	1,912	0	2,308	0	2,628
Garage & Shop WSIB	3926135	1,475	0	1,759	0	1,971
Garage & Shop Misc Benefits	3926199	1,320	0	0	0	0
SW Vehicles & Equip # 401 FT Wages	4534011	0	3,987	3,500	2,601	0
SW Vehicles & Equip # 401 Materials & Supplies	4534013	6,000	15,849	6,500	7,041	6,500
SW Vehicles & Equip # 401 Benefits	4534014	0	1,376	0	840	0
SW Vehicles & Equip # 401 Diesel	4534018	12,000	9,244	12,000	6,565	8,000
SW Vehicles & Equip # 401 Recovery	4534019	(43,000)	(51,686)	(52,000)	(26,445)	(52,000)
SW Vehicles & Equip # 402 FT Wages	4534021	0	5,528	6,000	5,276	0
SW Vehicles & Equip # 402 Materials & Supplies	4534023	2,000	7,536	6,500	5,742	6,500
SW Vehicles & Equip # 402 Benefits	4534024	0	2,312	0	2,013	0
SW Vehicles & Equip # 402 Diesel	4534028	8,500	8,573	8,500	8,894	8,500
SW Vehicles & Equip # 402 Recovery	4534029	(43,000)	(9,955)	(15,000)	(15,287)	(15,000)
SW Vehicles & Equip # 403 FT Wages	4534031	0	2,350	2,000	3,027	0
SW Vehicles & Equip # 403 Materials & Supplies	4534033	2,500	6,645	16,500	13,754	2,500
SW Vehicles & Equip # 403 Benefits	4534034	0	922	0	1,131	0
SW Vehicles & Equip # 403 Diesel	4534038	14,000	16,019	14,000	14,935	14,000
SW Vehicles & Equip # 403 Recovery	4534039	(70,000)	(89,070)	(90,000)	(76,060)	(80,000)
SW Vehicles & Equip # 404 FT Wages	4534041	0	2,123	2,500	1,955	0
SW Vehicles & Equip # 404 Materials & Supplies	4534043	2,500	36,216	3,500	3,366	3,500
SW Vehicles & Equip # 404 Benefits	4534044	0	635	0	760	0
SW Vehicles & Equip # 404 Diesel	4534048	4,500	4,362	3,500	3,571	3,500
SW Vehicles & Equip # 404 Recovery	4534049	(40,000)	(40,013)	(40,000)	(30,294)	(40,000)
SW Vehicles & Equip # 405 FT Wages	4534051	0	1,207	1,500	2,301	0
SW Vehicles & Equip # 405 Materials & Supplies	4534053	2,000	5,810	3,500	2,971	3,000
SW Vehicles & Equip # 405 Benefits	4534054	0	446	0	875	0
SW Vehicles & Equip # 405 Diesel	4534058	4,500	4,544	4,500	5,390	4,500
SW Vehicles & Equip # 405 Recovery	4534059	(32,000)	(32,896)	(32,000)	(30,315)	(32,000)
SW Vehicles & Equip # 406 FT Wages	4534061	0	0	200	0	0
SW Vehicles & Equip # 406 Materials & Supplies	4534063	400	13	200	0	200
SW Vehicles & Equip # 407 FT Wages	4534071	0	126	250	133	0
SW Vehicles & Equip # 407 Materials & Supplies	4534073	500	1,120	400	215	500
SW Vehicles & Equip # 407 Benefits	4534074	0	26	0	62	0
SW Vehicles & Equip # 407 Gasoline	4534077	2,500	2,602	2,500	1,851	2,500
SW Vehicles & Equip # 407 Recovery	4534079	(2,000)	(1,954)	(2,000)	(2,116)	(2,000)
SW Vehicles & Equip # 408 FT Wages	4534081	0	911	1,000	1,585	0
SW Vehicles & Equip # 408 Materials & Supplies	4534083	2,500	3,029	2,500	2,103	2,000
SW Vehicles & Equip # 408 Benefits	4534084	0	311	0	606	0
SW Vehicles & Equip # 408 Gasoline	4534087	4,000	4,464	4,000	3,102	3,500
SW Vehicles & Equip # 408 Recovery	4534089	(3,000)	(6,980)	(6,000)	(4,568)	(5,000)
SW Vehicles & Equip # 409 FT Wages	4534091	0	64	500	59	0
SW Vehicles & Equip # 409 Materials & Supplies	4534093	800	457	500	230	500
SW Vehicles & Equip # 409 Benefits	4534094	0	27	0	27	0
SW Vehicles & Equip # 409 Gasoline	4534097	2,100	1,573	1,500	1,156	1,500
SW Vehicles & Equip # 409 Recovery	4534099	(2,500)	(344)	(1,000)	(68)	(1,000)
SW Vehicles & Equip # 410 FT Wages	4534101	0	797	500	575	0
SW Vehicles & Equip # 410 Materials & Supplies	4534103	500	438	500	193	500
SW Vehicles & Equip # 410 Benefits	4534104	0	434	0	177	0
SW Vehicles & Equip # 410 Gasoline	4534107	200	85	200	388	400

City of Kenora - Department Budget Request

453 - General Solid Waste Vehicles & Equipment

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
/ Vehicles & Equip # 410 Recovery	4534109	(1,000)	(1,265)	(1,000)	(110)	(1,000)	0
SW Vehicles & Equip # 411 FT Wages	4534111	0	1,099	1,500	1,092	0	0
SW Vehicles & Equip # 411 Materials & Supplies	4534113	2,500	4,196	2,500	3,358	4,000	0
SW Vehicles & Equip # 411 Benefits	4534114	0	283	0	284	0	0
SW Vehicles & Equip # 411 Diesel	4534118	4,200	6,646	4,200	4,249	7,000	0
SW Vehicles & Equip # 411 Recovery	4534119	(45,000)	(75,750)	(75,000)	(64,448)	(65,000)	0
SW Vehicles & Equip # 412 FT Wages	4534121	0	2,317	2,500	1,874	0	0
SW Vehicles & Equip # 412 Materials & Supplies	4534123	2,000	10,982	53,000	54,293	10,000	0
SW Vehicles & Equip # 412 Benefits	4534124	0	747	0	699	0	0
SW Vehicles & Equip # 412 Diesel	4534128	4,400	5,532	4,400	5,623	7,000	0
SW Vehicles & Equip # 412 Recovery	4534129	(25,000)	(37,759)	(30,000)	(24,541)	(30,000)	0
SW Vehicles & Equip # 413 FT Wages	4534131	0	1,075	1,000	836	0	0
SW Vehicles & Equip # 413 Materials & Supplies	4534133	1,500	3,768	2,000	420	2,000	0
SW Vehicles & Equip # 413 Benefits	4534134	0	542	0	335	0	0
SW Vehicles & Equip # 413 Recovery	4534139	(17,500)	(12,000)	(12,000)	(10,963)	(12,000)	0
SW Vehicles & Equip # 414 FT Wages	4534141	0	4,491	2,500	2,084	0	0
SW Vehicles & Equip # 414 Materials & Supplies	4534143	3,500	13,996	1,500	2,675	1,500	0
SW Vehicles & Equip # 414 Benefits	4534144	0	1,380	0	696	0	0
SW Vehicles & Equip # 414 Diesel	4534148	8,000	5,215	8,000	20,721	20,000	0
SW Vehicles & Equip # 414 Recovery	4534149	(28,000)	(8,510)	(20,000)	(36,658)	(32,000)	0
SW Vehicles & Equip # 415 FT Wages	4534151	0	7,710	5,000	1,438	0	0
SW Vehicles & Equip # 415 Materials & Supplies	4534153	6,500	22,397	6,500	7,804	6,500	0
SW Vehicles & Equip # 415 Benefits	4534154	0	2,604	0	291	0	0
SW Vehicles & Equip # 415 Diesel	4534158	22,000	22,206	22,000	7,006	12,000	0
SW Vehicles & Equip # 415 Recovery	4534159	(35,000)	(45,834)	(45,000)	(12,106)	(12,000)	0
SW Vehicles & Equip # 416 FT Wages	4534161	0	2,333	2,500	1,737	0	0
SW Vehicles & Equip # 416 Materials & Supplies	4534163	5,500	10,491	6,000	4,815	6,000	0
SW Vehicles & Equip # 416 Benefits	4534164	0	781	0	536	0	0
SW Vehicles & Equip # 416 Diesel	4534168	2,500	720	2,500	0	2,500	0
/ Vehicles & Equip # 416 Recovery	4534169	(20,000)	(31,068)	(20,000)	(31,411)	(31,000)	0
SW Vehicles & Equip # 417 FT Wages	4534171	0	1,394	1,500	177	0	0
SW Vehicles & Equip # 417 Materials & Supplies	4534173	2,200	3,023	2,500	1,542	2,500	0
SW Vehicles & Equip # 417 Benefits	4534174	0	531	0	38	0	0
SW Vehicles & Equip # 417 Diesel	4534178	6,500	6,071	4,500	4,907	7,000	0
SW Vehicles & Equip # 417 Recovery	4534179	(6,500)	(9,293)	(7,000)	(10,845)	(8,000)	0
SW Vehicles & Equip # 418 FT Wages	4534181	0	1,482	1,800	1,445	0	0
SW Vehicles & Equip # 418 Materials & Supplies	4534183	4,500	2,040	4,500	1,324	4,500	0
SW Vehicles & Equip # 418 Benefits	4534184	0	573	0	353	0	0
SW Vehicles & Equip # 418 Diesel	4534188	7,100	7,253	6,500	12,668	7,000	0
SW Vehicles & Equip # 418 Recovery	4534189	(20,000)	(20,700)	(20,000)	(19,440)	(20,000)	0
SW Vehicles & Equip # 419 FT Wages	4534191	0	1,628	1,800	1,948	0	0
SW Vehicles & Equip # 419 Materials & Supplies	4534193	6,000	12,767	7,500	22,431	7,500	0
SW Vehicles & Equip # 419 Benefits	4534194	0	724	0	639	0	0
SW Vehicles & Equip # 419 Diesel	4534198	45,000	50,390	45,000	49,627	45,000	0
SW Vehicles & Equip # 419 Recovery	4534199	(58,000)	(48,300)	(50,000)	(40,682)	(50,000)	0
SW Vehicles & Equip # 420 FT Wages	4534201	0	3,087	2,500	2,629	0	0
SW Vehicles & Equip # 420 Materials & Supplies	4534203	5,500	6,115	5,500	6,013	3,500	0
SW Vehicles & Equip # 420 Benefits	4534204	0	1,056	0	1,035	0	0
SW Vehicles & Equip # 420 Diesel	4534208	6,500	2,362	4,500	4,672	4,500	0
SW Vehicles & Equip # 420 Recovery	4534209	(22,000)	0	0	0	0	0
SW Vehicles & Equip # 421 FT Wages	4534211	0	3,194	3,500	2,039	0	0
SW Vehicles & Equip # 421 Materials & Supplies	4534213	6,500	17,376	7,000	10,037	8,000	0
SW Vehicles & Equip # 421 Benefits	4534214	0	915	0	761	0	0
SW Vehicles & Equip # 421 Diesel	4534218	15,000	13,931	15,000	13,761	15,000	0
SW Vehicles & Equip # 421 Recovery	4534219	(40,000)	(64,033)	(65,000)	(52,772)	(65,000)	0
SW Vehicles & Equip # 422 FT Wages	4534221	0	1,749	2,000	3,367	0	0
SW Vehicles & Equip # 422 Materials & Supplies	4534223	3,000	5,711	3,000	7,956	3,000	0
SW Vehicles & Equip # 422 Benefits	4534224	0	599	0	1,622	0	0
/ Vehicles & Equip # 422 Recovery	4534229	(12,000)	(11,244)	(12,000)	(10,700)	(12,000)	0
SW Vehicles & Equip # 423 FT Wages	4534231	0	3,319	2,500	2,880	0	0
SW Vehicles & Equip # 423 Materials & Supplies	4534233	2,000	5,832	4,500	2,998	4,500	0
SW Vehicles & Equip # 423 Benefits	4534234	0	1,259	0	1,003	0	0

City of Kenora - Department Budget Request

453 - General Solid Waste Vehicles & Equipment

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Vehicles & Equip # 423 Recovery	4534239	(15,000)	(11,675)	(12,000)	(9,675)	(12,000)	0
SW Vehicles & Equip # 424 FT Wages	4534241	0	3,178	3,000	230	0	0
SW Vehicles & Equip # 424 Materials & Supplies	4534243	2,500	2,608	2,500	783	2,500	0
SW Vehicles & Equip # 424 Benefits	4534244	0	710	0	56	0	0
SW Vehicles & Equip # 424 Recovery	4534249	(14,000)	(6,088)	(8,500)	(2,988)	(8,500)	0
SW Vehicles & Equip # 425 FT Wages	4534251	0	2,240	2,500	874	0	0
SW Vehicles & Equip # 425 Materials & Supplies	4534253	3,500	713	2,500	787	2,500	0
SW Vehicles & Equip # 425 Benefits	4534254	0	857	0	384	0	0
SW Vehicles & Equip # 425 Recovery	4534259	(10,000)	(7,663)	(8,500)	(4,763)	(7,500)	0
SW Veh #427 06 Ford Pick Up-FT Wages	4534271	0	51	250	374	0	0
SW Veh #427 06 Ford Pick Up-Materials & Supplies	4534273	0	273	0	3,879	2,500	0
SW Veh #427 06 Ford Pick Up-Gasoline	4534277	0	851	1,000	2,184	2,200	0
SW Veh #427 06 Ford Pick Up-Recovery	4534279	0	0	0	(532)	(500)	0
SW Vehicles & Equip Insurance	4537250	9,934	9,258	8,859	4,364	7,903	0
SW Vehicles & Equip Unassigned FT Wages	4539991	0	442	500	855	0	0
SW Vehicles & Equip Unassigned Materials & Supplies	4539993	18,000	10,216	16,000	15,243	17,000	0
SW Vehicles & Equip Unassigned Recovery	4539999	0	(463)	0	(150)	(150)	0
		(261,407)	(155,095)	(151,986)	(101,714)	(214,215)	0
Net Total		261,407	422,102	151,986	101,714	214,215	0

City of Kenora - Department Budget Request

458 - Solid Waste Supervisor

Account	2017		2018		2019		
	Budget	Actual	Budget	Actual	Budget	Actual	
Expenditures							
Transfer Facility FT Wages	4486030	46,468	0	49,130	0	49,867	
Transfer Facility CPP	4486105	1,282	0	1,297	0	1,374	
Transfer Facility EI	4486110	533	0	546	0	546	
Transfer Facility EHT	4486115	906	0	958	0	972	
Transfer Facility Health Plan Contrib	4486120	2,352	0	2,454	0	2,454	
Transfer Facility OMERS	4486125	5,236	0	5,608	0	5,673	
Transfer Facility Insurance Contrib	4486130	568	0	624	0	633	
Transfer Facility WSIB	4486135	1,417	0	1,572	0	1,571	
Transfer Facility Misc Benefits	4486199	825	0	0	0	0	
Solid Waste Supervisor FT Wages	4586030	0	42,032	0	38,956	0	
Solid Waste Supervisor CPP	4586105	0	1,282	0	1,297	0	
Solid Waste Supervisor EI	4586110	0	533	0	546	0	
Solid Waste Supervisor EHT	4586115	0	917	0	895	0	
Solid Waste Supervisor Health Plan Contrib	4586120	0	2,357	0	2,136	0	
Solid Waste Supervisor OMERS	4586125	0	5,319	0	5,259	0	
Solid Waste Supervisor Insurance Contrib	4586130	0	555	0	558	0	
Solid Waste Supervisor WSIB	4586135	0	1,350	0	1,445	0	
Solid Waste Supervisor Admin	4587020	123,393	123,393	133,078	132,767	130,947	
Solid Waste Supervisor Materials & Supplies	4587400	250	129	250	20	250	
Solid Waste Supervisor Subscript & Memberships	4587800	1,200	1,942	1,200	529	1,200	
Solid Waste Supervisor Utilities	4587840	1,000	674	1,000	648	1,000	
Solid Waste Supervisor Training	4587850	2,000	1,548	2,000	0	2,000	
Solid Waste Supervisor Travel & Conference	4587900	1,500	774	1,500	2,928	1,500	
		188,930	182,803	201,217	187,984	199,988	0
Net Total		(188,930)	(182,803)	(201,217)	(187,984)	(199,988)	0



Capital Projects

Appendix 3



CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2019

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	Transfer Facility					
19.448.01	Purchase of 3 roll off bins	25,000	-	-	-	25,000
19.448.02	Extension of Scale Building	340,000	-	-	-	340,000
	Jones Road Landfill					
19.450.01	Development of Aggregate Pit/Fire break road	150,000	-	-	-	150,000
	FUNCTIONAL TOTALS	515,000	-	-	-	515,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2020

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	Jones Road Landfill					
20.450.01	Landfill Development Peripheral Road	250,000	-	-	-	250,000
20.450.02	Extension of Monitoring Well	15,000	-	-	-	15,000
	SW Vehicles & Equipment					
20.453.01	Co Mingle Truck 50%	125,000	-	-	-	125,000
20.453.02	Co Mingle Truck 50%	125,000	-	-	-	125,000
	FUNCTIONAL TOTALS	515,000	-	-	-	515,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2021

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
21.453.01	SW Vehicles & Equipment Garbage Trailer	160,000	-	-	-	160,000
	FUNCTIONAL TOTALS	160,000	-	-	-	160,000

CITY OF KENORA - SOLID WASTE OPERATIONS
 CAPITAL BUDGET
 2022

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	Transfer Facility					
U22.448.01	Garbage Building Floor Repair	60,000	-	-	-	60,000
	Solid Waste Vehicles & Equipment					
22.453.01	Landfill Loader	235,000	-	-	-	235,000
22.453.02	Highway Tandem Tractor	185,000	-	-	-	185,000
22.453.03	Highway Truck Tractor	175,000	-	-	-	175,000
	FUNCTIONAL TOTALS	655,000	-	-	-	655,000

**CITY OF KENORA - SOLID WASTE OPERATIONS
CAPITAL BUDGET
2023**

#	Description	Total Cost	Sources of Funding			System
			Subsidy	Recovery	Other	
	SW Vehicles & Equipment					
23.453.01	Co-mingle Truck	125,000	-	-	-	125,000
23.453.02	Pickup	40,000	-	-	-	40,000
	FUNCTIONAL TOTALS	165,000	-	-	-	165,000