

## City of Kenora Solid Waste Budget 2021



The Corporation of the City of Kenora Kenora, Ontario Canada

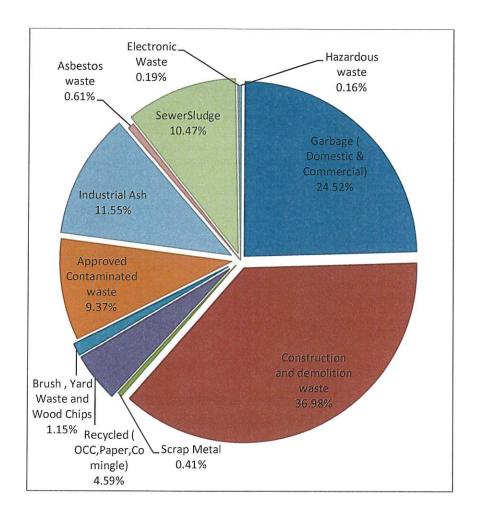
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#### **Solid Waste Operations**

The City's solid waste operations are responsible for the collection and disposal of solid waste for the City of Kenora. In 2020, the City received / collected approximately 25,686 tons of waste, including recycling. The following table shows the annual distribution of municipal solid waste in 2020 in terms of weight. 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 2020 weights to date at December 8, 2020, are included with 2019 weights for comparison purposes.

S.No	Description	2019 Weight (Tonnes)	Distribution	2020 Weight (Tonnes)	Distribution
1	Garbage ( Domestic & Commercial)	6,528	20.9%	6,298	24.5%
2	Construction & Demolition Waste	10,297	32.9%	9,499	37.0%
3	Scrap Metals	106	0.3%	105	0.4%
4	Recycled ( OCC, Paper, Comingle)	1,296	4.1%	1,179	4.6%
5	Brush, Yard Waste and Wood Chips	231	0.7%	296	1.1%
6	Approved Contaminated Waste	7,274	23.3%	2,408	9.4%
7	Industrial Ash	2,675	8.5%	2,966	11.5%
8	Asbestos	56	0.2%	156	0.6%
9	Sewer Sludge	2,729	8.7%	2,690	10.5%
10	Electronics Waste	53	0.2%	49	0.2%
11	Hazardous Waste	47	0.2%	40	0.2%
	Total	31,292		25,686	



The City's current solid waste operations are staffed by a complement of 14 Full- Time Employees, 2 Part-Time permanent Employees and 3 summer students and one Seasonal employee. 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 different compartments of the same truck.

The City also provides garbage and recyclables collection service to Coney Island residents 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.

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 2020, the Transfer Station shipped 1,179 tonnes of recyclables to Cascades Recovery Inc. in Winnipeg. The City has collected 424 tonnes of recyclable waste materials from the curbside (residential, ICI and Multi) which is 36% 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 547 tonnes of Dryden's recyclable material in 2020.

The City diverted 49 tons of electronic waste from the landfill in 2020. The City collected 40 tons of Household Hazardous Waste in 2020 and diverted from the landfill.

#### **Revenue Impacts**

The City continues to comply with the Waste Diversion Transition Act and the Resource Recovery & Circular Economy Act and continues to make 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 17% by weight of waste and recycling that is handled through the Waste Transfer Facility. The blue box curbside collection routes currently average 2,005 pick-ups per cycle.

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, in 2020. 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, in 2020, the curbside collection of recycle was almost same as of last year. 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 City has diverted 1,179 tons of blue box waste, 296 tons of composting, 49 tons of electronic and 40 tons of hazardous waste, 105 tons of scraps metals from the landfill. This diversion will contribute positive to the life of the landfill and also it will improve the environment. 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. With the increase in expenses it is recommended that another review of the tipping fees take place, a \$10 per ton increase has been budgeted in 2022 along with raising the minimum charge from \$15 to \$20. Noting that the bag tag rate again, would remain the same.

#### Producer Responsibility Model

The province of Ontario has officially announced that the blue box program would be transitioning to full producer responsibility where producers of blue box materials will be responsible for providing the blue box services in the community. The producer responsibility program will save operating cost of blue box to the municipalities. According to the proposed regulation, the transition of the municipalities will begin from Jan 1, 2023 to Dec 31, 2025. Upon completion of transition to the new producer responsibility regulation, the City would not be obligated to provide blue box collection to their residents. The City may choose to work with producers to provide collection services. This is not a requirement and would only be done through a mutually agreed upon contract. As per the resolution passed from the City Council, the City of Kenora would be looking to transition in January 2023.

#### **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 Conservation and Parks (MECP). The ECA for each site imposes stringent standards for the operations of each facility. The city also runs leaf and yard waste composting program at the landfill. It also collects hazardous waste at the Transfer Station in summer.

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 2020, the City has disposed 24,017 tons of municipal solid waste to the landfill. The estimated total tons of municipal waste disposed to the Kenora Area Landfill up to date are 297,711 tons. With the diversion of the City's solid waste to this site, the anticipated remaining life of the site is projected at 25.3 years.

Based on current requirements, any future City landfill site would be an engineered site with leachate containment and a leachate treatment facility to deal with the leachate. This type of site would be 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.

#### **Operational Efficiencies**

The following operational changes and equipment purchases were made in 2020 in order to improve the overall operational efficiencies of the City Transfer Facility and landfill:

- Two new comingle trucks were ordered to replace the two aging trucks.
- A new recycle compaction trailer was purchased to replace the old one to haul recycle to Winnipeg.
- Four sets of Big Bellies (smart solar waste bin) were purchased and installed in the downtown area.
- An aggregate pit was developed near the landfill to supply granular materials to cover the garbage daily.
- A concrete pad was constructed under the recycle canopy to better serve the recycle drop off customers.

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.

#### 2021 Budget Highlights

The 2021 operating budget projects total combined revenues of \$2.3 million and expenditures of \$1.91 million, resulting in a system operating surplus of approximately \$.4 million before capital expenditures. Proposed capital expenditures for 2021 are \$1.28 million. Larger value projects included in the 2021 capital expenditures are as follows:

- Bin area expansion \$200 thousand
- Landfill Development peripheral road \$500 thousand
- Garbage trailer \$169 thousand
- 2 co-mingle trucks shared with recycle at 50% \$304 thousand

#### **Actual and Projected System Funding Available**

Over the next five years, the City was projecting that the solid waste reserves would be significantly declining mainly due to the significant capital project related to the Land Development peripheral road. While the reserve balance does look positive for the next five years it should be noted that net operations were steadily decreasing as tipping fees have not changed since 2015 and expenses are increasing with inflation. A recommendation to increase tipping fees by \$10 per ton and increasing the minimum charge by \$5 in 2022 was included in this 5 year projection, 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.



### **System Funding**

Appendix 1

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

pascure lev	2016	2017	2018	2019	2020
COLLECTION					*
Garbage Collection	-6,956	-4,636	27,827	49,437	195,658
DISPOSAL					
Household Hazardous Waste Day	-80,045	-54,422	-55,477	-66,959	-53,481
Transfer Facility	217,100	141,426	189,995	167,588	
Kenora Area Landfill	672,382	594,266	315,393	515,416	327,391
Tri Municipal Landfill	-5,918	-7,019	-8,292	-4,048	-5,025
VEHICLES & EQUIPMENT	202,982	184,764	112,056	141,411	184,977
ADMINISTRATION	-141,036	-182,803	-192,948	-196,309	-202,092
	858,509	671,575	388,554	606,537	508,969
OTHER IMPACTS			1		
Allocated to operating	-	- 29,669	- 19,400	-	-
Additional expenses					- 20,320
SYSTEM FUNDING BALANCE					
Opening System Funding	1,572,819	2,195,352	2,579,639	2,359,486	2,705,521
Net Operations	858,509	671,575	388,554	606,537	508,969
	2,431,328	2,837,258	2,948,794	2,966,022	3,194,171
CAPITAL WORKS Funded through System Funding	-235,976	-257,619	-589,308	-260,501	-693,153
BALANCE - SYSTEM FUNDING	2,195,352	2,579,639	2,359,486	2,705,521	2,501,018

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

ESCAPPILE	2021	2022	2023	2024	2025
OPENING BALANCE	2,501,018	1,635,802	1,260,717	1,113,195	1,336,938
ACTIVITY Operations Projected Surplus Capital	398,446 -1,263,662	739,915 -1,115,000	714,478 -862,000	664,743 -441,000	613,715 -373,000
BALANCE - SYSTEM FUNDING	1,635,802	1,260,717	1,113,195	1,336,938	1,577,653

# Operating Budget Appendix 2

#### CITY OF KENORA SOLID WASTE OPERATING BUDGET 2021

29-Dec-20

		20	17	20	18	20	19	20	20	20	21
	Account	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	PRELIM	BUDGET	PRELIM
REVENUES User Charges Province of Ontario Grants Other Income		2,181,600 - -	2,358,553 - -	2,464,000 - -	2,170,320	2,253,000 - -	2,405,521 - -	2,305,500 - -	2,197,708 - -	2,305,500	-
		2,181,600	2,358,553	2,464,000	2,170,320	2,253,000	2,405,521	2,305,500	2,197,708	2,305,500	-
EXPENDITURES Collection Garbage Collection	4410000	292,252	262,260	290,954	263,076	315,351	260,954	291,568	296,369	299,555	
Disposal Household Hazardous Waste Transfer Facility Kenora Area Landfill Tri Municipal Landfill Site	4450000 4480000 4500000 4510000	82,000 994,642 422,940 6,000	59,433 1,042,607 317,619 7,019	71,100 957,889 410,237 7,600	55,670 1,016,946 358,748 8,292	70,800 1,027,564 373,944 8,200	72,618 1,085,798 320,669 4,048	66,800 1,047,130 371,161 4,700	56,245 995,463 318,521 5,025	74,811 1,086,033 415,401 5,500	# # #
		1,505,582	1,426,678	1,446,826	1,439,656	1,480,508	1,483,132	1,489,791	1,375,255	1,581,745	
Vehicles & Equip	4530000	- 261,407	- 155,095	- 151,183	- 76,972	- 213,655	- 141,411	- 58,045	- 184,977	- 195,447	-
SW Supervisor	4580000	188,930	182,803	201,669	192,948	201,015	196,309	213,292	202,092	221,201	
TOTAL EXPENDITURES		1,725,357	1,716,646	1,788,266	1,818,708	1,783,219	1,798,984	1,936,606	1,688,739	1,907,054	2
NET REVENUE (EXPENDITURE)		456,243	641,906	675,734	351,612	469,781	606,537	368,894	508,969	398,446	*

#### 441 - Garbage Collection

		201	9	202	0	2021	2022	2023
	Account	Budget	Actual	Budget	Actual	Budget	Budget	Budget
Revenues			1212-1-13111-1-1111-1-1-1-1-1-1-1-1-1-1-					
Garbage Collection User Fee Bag Tag Sales	4414710	132,000	162,503	150,000	284,058	160,000	160,000	160,000
Garbage Collection User Fee Bag Tag Sales Discount	4414711	127,000	144,458	140,000	196,517	145,000	145,000	145,00
Garbage Collection-Federal Funding-HRDC	4414802	0	3,430	0	6,566	0	0	
		259,000	310,391	290,000	487,141	305,000	305,000	305,000
Expenditures						1		
Garbage Collection FT Wages	4416030	80,619	58,031	64,907	56,118	61,283	62,256	63,25
Garbage Collection PT Wages	4416040	21,760	9,970	21,760	23,745	23,429	23,775	24,13
Garbage Collection CPP	4416105	9,377	3,303	4,503	3,495	4,540	4,611	4,68
Garbage Collection El	4416110	3,155	1,431	1,356	1,488	1,303	1,324	1,34
Garbage Collection EHT	4416115	1,979	1,365	1,673	1,426	1,632	1,657	1,68
Garbage Collection Health Plan Contrib	4416120	7,517	11,918	7,211	3,106	7,679	7,679	7,67
Garbage Collection OMERS	4416125	7,071	5,304	5,656	4,486	5,559	5,646	5,73
Garbage Collection Insurance Contrib	4416130	3,274	2,235	2,620	1,284	2,713	2,754	2,79
Garbage Collection WSIB	4416135	3,198	2,097	2,703	1,855	2,789	2,830	2,87
Garbage Collection Advertising	4417040	750	954	750	674	750	750	75
Garbage Collection Alloc Garage	4417047	85,651	85,651	95,429	87,477	111,829	114,737	117,72
Garbage Collection Materials & Supplies	4417400	16,000	11,929	8,000	8,297	10,000	10,000	10,00
Garbage Collection Rent Own Equip	4417700	75,000	66,766	75,000	61,635	66,050	66,050	66,05
	-	315,351	260,954	291,568	255,086	299,555	304,069	308,70
` Total		(56,351)	49,437	(1,568)	232,055	5,445	931	(3,705

#### 445 - Hazardous Waste

		2019	9	202	0	2021	2022	2023 Budget
	Account	Budget	Actual	Budget	Actual	Budget	Budget	
Revenues								
HHWD-Household-Sale of Hazardous Waste	4455400	4,000	5,659	5,500	3,886	5,500	5,500	5,500
L		4,000	5,659	5,500	3,886	5,500	5,500	5,500
expenditures						T		
Household Haz Waste FT Wages	4456030	6,000	6,117	6,000	4,042	5,000	5,000	5,000
Household Hazardous WastePT Wages	4456040	0	15	0	0	0	0	0
Household Haz-General- Benefits	4456104	2,000	2,263	2,000	1,544	1,700	1,700	1,700
Household Haz Waste Advertising	4457040	800	1,249	800	350	1,000	1,000	1,000
Household Haz Waste Contract Services	4457110	45,000	58,937	55,000	44,912	63,000	60,000	60,000
Household Haz Waste Insurance	4457250	0	39	0	90	111	123	129
Household Haz Waste Materials & Supplies	4457400	17,000	3,997	3,000	661	4,000	4,000	4,000
Leaves and the second s		70,800	72,618	66,800	51,599	74,811	71,823	71,829
let Total	1	(66,800)	(66,959)	(61,300)	(47,713)	(69,311)	(66,323)	(66,329)

448 - Transfer Facility

		201	19	20:	20	2021	2022	2023
	Account	Budget	Actual	Budget	Actual	Budget	Budget	Budget
evenues								
Transfer Facility Approp fr Reserve Fund	448257	0	252,946	0	0	0	0	
Transfer Facility User Fee Tipping Fees	4484710	1,180,000	1,231,336	1,195,000	1,027,315	1,180,000	1,414,520	1,414,5
Transfer Facility User Fee Miscellaneous	4484799	10,000	20,335	15,000	13,690	15,000	15,000	15,0
Transfer Facility-Federal Funding-HRDC	4484802	0	1,715	0	0	0	0	
	-	1,190,000	1,506,332	1,210,000	1,041,005	1,195,000	1,429,520	1,429,5
k penditures						1		
Sanitary System FT Wages	4116030	5,679	0	7,099	0	1,470	1,492	1,5
Sanitary System CPP	4116105	220	0	275	0	63	63	
Sanitary System El	4116110	87	0	104	0	22	22	
Sanitary System EHT	4116115	111	0	138	0	29	29	
Sanitary System Health Plan Contrib	4116120	401	0	601	0	143	143	- FEED TO FEE TO SEE THE SECOND
Sanitary System OMERS	4116125	572	0	708	0	146	149	
Sanitary System Insurance Contrib	4116130	237	0	296	0	61	62	William St. Co.
Sanitary System WSIB	4116135	179	0	224	0	46	47	
Garbage Collection FT Wages	4416030	0	0	31,425	0	32,548	33,035	33,
Garbage Collection CPP	4416105	0	0	1,649	0	1,774	1,800	1,
Garbage Collection El	4416110	0	0	497	0	514	522	
Garbage Collection EHT	4416115	0	0	613	0	635	644	
Garbage Collection Health Plan Contrib	4416120	0	0	3,606	0	4,289	4,289	4,
Garbage Collection OMERS	4416125	0	0	2,828	0	2,929	2,973	3,
Garbage Collection Insurance Contrib	4416130	0	0	1,310	0	1,357	1,377	1,
Garbage Collection WSIB	4416135	0	0	990	0	1,022	1,037	1,
Transfer Facility FT Wages	4486030	395,478	457,889	396,476	453,522	415,154	421,190	427,
Fransfer Facility PT Wages	4486040	82,695	98,022	82,695	77,726	87,881	89,194	90,
ansfer Facility CPP	4486105	20,838	24,867	22,421	23,849	25,697	25,810	25,
Fransfer Facility El	4486110	7,119	10,567	7,255	9,577	7,656	7,759	7,
Transfer Facility EHT	4486115	9,282	10,367	9,301		9,765		
Fransfer Facility Health Plan Contrib	4486120	31,866	72,734	41,694	10,088 37,278		9,908	10,
Transfer Facility OMERS	4486125	35,783				49,450	49,450	49,
			39,818	34,270	41,833	35,261	35,870	36,
Transfer Facility Insurance Contrib	4486130	15,878	17,505	15,891	14,944	16,439	16,686	16,
Fransfer Facility WSIB	4486135	8,779	16,978	8,811	15,353	9,310	9,444	9,
Fransfer Facility Misc Benefits	4486199	0	2,041	2,000	369	0	0	
Fransfer Facility Advertising	4487040	3,000	2,892	3,000	1,372	3,000	3,000	3,
Fransfer Facility Computer Maintenance	4487090	0	0	1,300	2,025	0	0	
Fransfer Facility Contract Services	4487110	25,000	19,313	20,000	21,772	25,000	25,000	25
Fransfer Facility Hauling Rent Own Equip	4487176	0	0	0	175	0	0	
Fransfer Facility Insurance	4487250	1,161	1,577	2,041	2,908	4,147	4,602	4,
Fransfer Facility Materials & Supplies	4487400	32,200	34,434	32,000	33,886	32,000	32,000	32,
Fransfer Facility Rent Own Equip	4487700	200,000	201,041	180,000	176,616	180,000	180,000	180,
Fransfer Facility Repairs & Maintenance	4487750	30,000	29,772	35,000	21,602	36,000	30,000	30,
Fransfer Facility Taxes & Licenses	4487820	30,144	29,646	29,513	29,416	28,837	29,587	30,
Fransfer Facility Utilities	4487840	9,000	7,394	8,000	6,380	7,493	7,688	7,
ransfer Facility Training	4487850	6,500	8,580	6,500	1,119	6,500	6,500	6,
ones Road Landfill FT Wages	4506030	59,186	0	42,276	0	43,774	44,429	45,
ones Road Landfill CPP	4506105	1,924	0	1,844	0	2,124	2,124	2,
lones Road Landfill El	4506110	704	0	624	0	652	659	
ones Road Landfill EHT	4506115	1,154	0	824	0	854	866	
ones Road Landfill Health Plan Contrib	4506120	3,508	0	3,756	0	4,468	4,468	4,
ones Road Landfill OMERS	4506125	6,411	0	4,183	0	4,326	4,397	4,
ones Road Landfill Insurance Contrib	4506130	2,467	0	1,762	0	1,824	1,852	1,
ones Road Landfill WSIB	4506135	0	0	1,332	0	1,374	1,395	1,
		1,027,564	1,085,798	1,047,130	981,808	1,086,033	1,091,561	1,102,

450 - Kenora Area Landfill

		201	9	202	0	2021	2022	2023
	Account	Budget	Actual	Budget	Actual	Budget	Budget	Budget
Revenues								
Jones Road Landfill User Fee Tipping Fees	4504710	800,000	836,085	800,000	694,620	800,000	887,330	887,330
		800,000	836,085	800,000	694,620	800,000	887,330	887,330
Expenditures	I				T	T		
Jones Road Landfill FT Wages	4506030	109,918	100,992	109,918	92,313	113,811	115,515	117,218
Jones Road Landfill CPP	4506105	3,574	5,031	4,793	4,884	5,522	5,522	5,52
Jones Road Landfill El	4506110	1,307	2,011	1,621	1,844	1,695	1,713	1,731
Jones Road Landfill EHT	4506115	2,143	2,071	2,143	1,934	2,219	2,253	2,286
Jones Road Landfill Health Plan Contrib	4506120	6,515	8,226	9,765	9,155	11,617	11,617	11,617
Jones Road Landfill OMERS	4506125	11,907	9,508	10,876	8,869	11,246	11,431	11,617
Jones Road Landfill Insurance Contrib	4506130	4,581	4,180	4,581	3,866	4,744	4,815	4,886
Jones Road Landfill WSIB	4506135	0	3,345	3,462	2,976	3,574	3,627	3,681
Jones Road Landfill-Monitoring -M & S	4506933	10,000	11,904	13,000	12,073	13,000	13,000	13,000
Jones Road Landfill Contract Services	4507110	27,000	6,356	48,000	34,047	50,000	43,000	43,000
Jones Road Landfill Insurance	4507250	0	0	0	1,353	2,949	3,272	3,436
Jones Road Landfill Materials & Supplies	4507400	8,000	4,985	8,000	7,564	8,000	8,000	8,000
Jones Road Landfill Rent Own Equip	4507700	150,000	138,651	135,000	117,502	140,000	140,000	140,000
Jones Road Landfill Repairs & Maintenance	4507750	25,000	14,499	10,000	6,304	35,000	15,000	15,000
Jones Road Landfill Utilities	4507840	14,000	8,909	10,000	9,462	12,024	12,258	12,500
		373,944	320,669	371,161	314,144	415,401	391,022	393,492
et Total	-	426,056	515,416	428,839	380,475	384,599	496,308	493,838

#### 451 - Tri Municipal Landfill Site

		201	9	202	0	2021	2022	2023
	Account	Budget	Actual	Budget	Actual	Budget	Budget	Budget
Expenditures								
Tri-Municipal Landfill FT Wages	4516030	1,200	146	1,200	0	0	0	0
Tri-Municipal Landfill Contract Services	4517110	6,000	3,438	3,000	4,606	5,000	5,000	5,000
Tri-Municipal Landfill Materials & Supplies	4517400	1,000	464	500	0	500	500	500
		8,200	4,048	4,700	4,606	5,500	5,500	5,500
Net Total		(8,200)	(4,048)	(4,700)	(4,606)	(5,500)	(5,500)	(5,500)

453 - General Solid Waste Vehicles & Equipment

		201	19	20:	20	2021	2022	2023
	Account	Budget	Actual	Budget	Actual	Budget	Budget	Budget
xpenditures								
Garage & Shop FT Wages	3926030	62,566	0	84,714	0	65,959	66,938	67,9
Garage & Shop CPP	3926105	2,584	0	3,656	0	3,071	3,071	3,0
Garage & Shop EI	3926110	1,020	0	1,334	0	1,042	1,058	1,0
Garage & Shop EHT	3926115	1,220	0	1,652	0	1,286	1,305	1,3
Garage & Shop Health Plan Contrib	3926120	4,711	0	7,354	0	6,934	6,934	6,9
Garage & Shop OMERS	3926125	6,113	0	8,048	0	6,285	6,427	6,5
Garage & Shop Insurance Contrib	3926130	2,608	0	3,531	0	2,749	2,790	2,8
Garage & Shop WSIB	3926135	1,971	0	2,668	0	2,071	2,102	2,1
SW Vehicles & Equip # 401 FT Wages	4534011	0	4,634	0	5,042	0	0	
SW Vehicles & Equip # 401 Materials & Supplies	4534013	6,500	10,398	6,500	13,945	4,000	4,000	4,0
SW Vehicles & Equip # 401 Benefits	4534014	0	1,506	0	1,736	0	0	
SW Vehicles & Equip # 401 Diesel	4534018	8,000	10,414	8,500	8,674	8,500	8,500	8,5
SW Vehicles & Equip # 401 Recovery	4534019	(52,000)	(44,279)	(35,000)	(39,840)	(40,000)	(40,000)	(40,0
SW Vehicles & Equip # 402 FT Wages	4534021	0	4,660	0	3,585	0	0	
SW Vehicles & Equip # 402 Materials & Supplies	4534023	6,500	17,522	7,000	6,556	4,000	4,000	4,0
SW Vehicles & Equip # 402 Benefits	4534024	0	1,664	0	1,226	0	0	-
SW Vehicles & Equip # 402 Diesel	4534028	8,500	10,496	8,500	8,644	8,500	8,500	8,8
SW Vehicles & Equip # 402 Recovery	4534029	(15,000)	(46,849)	(35,000)	(46,312)	(40,000)	(40,000)	(40,0
SW Vehicles & Equip # 403 FT Wages	4534031	0	1,432	0	1,830	0	0	
SW Vehicles & Equip # 403 Materials & Supplies	4534033	2,500	15,673	5,500	7,686	5,000	5,000	5,0
V Vehicles & Equip # 403 Benefits	4534034	0	420	0	652	0	0	
SW Vehicles & Equip # 403 Diesel	4534038	14,000	6,997	8,000	5,308	6,000	6,000	6,0
SW Vehicles & Equip # 403 Recovery	4534039	(80,000)	(41,099)	(35,000)	(39,454)	(35,000)	(35,000)	(35,0
SW Vehicles & Equip # 404 FT Wages	4534041	0	1,138	0	2,877	0	0	
SW Vehicles & Equip # 404 Materials & Supplies	4534043	3,500	19,434	5,000	6,252	5,500	5,500	5,5
SW Vehicles & Equip # 404 Benefits	4534044	0	367	0	1,107	0	0	
SW Vehicles & Equip # 404 Diesel	4534048	3,500	16,013	14,000	11,106	10,000	10,000	10,0
SW Vehicles & Equip # 404 Recovery	4534049	(40,000)	(86,940)	(60,000)	(82,380)	(85,000)	(85,000)	(85,0
SW Vehicles & Equip # 405 FT Wages	4534051	0	2,733	0	1,517	0	0	(00,0
SW Vehicles & Equip # 405 Materials & Supplies	4534053	3,000	5,514	3,500	2,531	4,000	4,000	4,0
SW Vehicles & Equip # 405 Benefits	4534054	0	893	0	566	0	0	-1,0
SW Vehicles & Equip # 405 Diesel	4534058	4,500	5,205	4,500	3,880	4,500	4,500	4,5
SW Vehicles & Equip # 405 Recovery	4534059	(32,000)	(32,121)	(3,000)	(28,462)	(30,000)	(30,000)	(30,0
SW Vehicles & Equip # 406 FT Wages	4534061	02,000)	0	(0,000)	161	0	(50,000)	(30,0
SW Vehicles & Equip # 406 Materials & Supplies	4534063	200	0	200	94	200	200	2
SW Vehicles & Equip # 406 Benefits	4534064	0	0	0	34	0	0	
SW Vehicles & Equip # 406 Recovery	4534069	0	(110)	0				/4/
SW Vehicles & Equip # 407 FT Wages	4534009	0	716	0	(77)	(100)	(100)	(1)
SW Vehicles & Equip # 407 Materials & Supplies						1.500	0	4.
	4534073	500	1,576	1,500	1,665	1,500	1,500	1,5
SW Vehicles & Equip # 407 Benefits	4534074	2.500	418	0	74	0	0	
SW Vehicles & Equip # 407 Gasoline	4534077	2,500	1,774	2,200	1,318	1,500	1,500	1,5
SW Vehicles & Equip # 407 Recovery	4534079	(2,000)	(1,908)	(2,000)	(1,324)	(1,500)	(1,500)	(1,5
W Vehicles & Equip # 408 FT Wages	4534081	0	1,214	0	1,182	0	0	
W Vehicles & Equip # 408 Materials & Supplies	4534083	2,000	2,090	2,000	1,818	3,700	2,500	2,5
SW Vehicles & Equip # 408 Benefits	4534084	0	383	0	365	0	0	

SW Vehicles & Equip # 408 Recovery	4534089	(5,000)	(5,024)	(5,000)	(4,072)	(4,500)	(4,500)	(4,500)
SW Vehicles & Equip # 409 FT Wages	4534091	0	76	0	95	0	0	(
'N Vehicles & Equip # 409 Materials & Supplies	4534093	500	378	500	721	500	500	500
SW Vehicles & Equip # 409 Benefits	4534094	0	21	0	25	0	0	(
SW Vehicles & Equip # 409 Gasoline	4534097	1,500	1,657	1,500	998	1,500	1,500	1,500
SW Vehicles & Equip # 409 Recovery	4534099	(1,000)	(452)	(500)	(124)	(500)	(500)	(500
SW Vehicles & Equip # 410 FT Wages	4534101	0	383	0	476	0	0	(
SW Vehicles & Equip # 410 Materials & Supplies	4534103	500	763	500	3,689	800	800	800
SW Vehicles & Equip # 410 Benefits	4534104	0	117	0	139	0	0	(
SW Vehicles & Equip # 410 Gasoline	4534107	400	322	400	118	400	400	400
SW Vehicles & Equip # 410 Recovery	4534109	(1,000)	(732)	(500)	(946)	(1,000)	(1,000)	(1,000)
SW Vehicles & Equip # 411 FT Wages	4534111	0	4,156	0	1,740	0	0	(
SW Vehicles & Equip # 411 Materials & Supplies	4534113	4,000	8,333	4,500	6,388	5,000	5,000	5,000
SW Vehicles & Equip # 411 Benefits	4534114	0	1,485	0	613	0	0	(
SW Vehicles & Equip # 411 Diesel	4534118	7,000	8,909	7,000	10,343	7,000	7,000	7,000
SW Vehicles & Equip # 411 Recovery	4534119	(65,000)	(71,126)	(65,000)	(63,972)	(65,000)	(65,000)	(65,000)
SW Vehicles & Equip # 412 FT Wages	4534121	0	1,524	0	1,564	0	0	(
SW Vehicles & Equip # 412 Materials & Supplies	4534123	10,000	4,809	8,000	6,764	5,000	5,000	5,000
SW Vehicles & Equip # 412 Benefits	4534124	0	526	0	440	0	0	
SW Vehicles & Equip # 412 Diesel	4534128	7,000	8,283	7,000	6,283	7,000	7,000	7,000
SW Vehicles & Equip # 412 Recovery	4534129	(30,000)	(38,560)	(30,000)	(31,959)	(30,000)	(30,000)	(30,000
SW Vehicles & Equip # 413 FT Wages	4534131	0	2,523	0	2,567	0	0	(
SW Vehicles & Equip # 413 Materials & Supplies	4534133	2,000	9,303	3,000	6,194	6,000	6,000	6,000
SW Vehicles & Equip # 413 Benefits	4534134	0	1,167	0	918	0	0	(
SW Vehicles & Equip # 413 Recovery	4534139	(12,000)	(9,994)	(10,000)	(15,388)	(12,000)	(12,000)	(12,000)
W Vehicles & Equip # 414 FT Wages	4534141	0	3,363	0	2,918	0	0	(-,
SW Vehicles & Equip # 414 Materials & Supplies	4534143	1,500	7,141	3,500	6,593	7,600	5,000	5,000
SW Vehicles & Equip # 414 Benefits	4534144	0	1,153	0	1,031	0	0	-,
SW Vehicles & Equip # 414 Diesel	4534148	20,000	16,254	15,000	13,507	15,000	15,000	15,000
SW Vehicles & Equip # 414 Recovery	4534149	(32,000)	(31,374)	(25,000)	(31,062)	(25,000)	(25,000)	(25,000)
SW Vehicles & Equip # 415 FT Wages	4534151	0	3,136	0	5,219	0	0	(==,===)
SW Vehicles & Equip # 415 Materials & Supplies	4534153	6,500	10,932	7,500	11,890	10,100	7,500	7,500
SW Vehicles & Equip # 415 Benefits	4534154	0	1,008	0	1,334	0	0	,,,,,,
SW Vehicles & Equip # 415 Diesel	4534158	12,000	15,099	12,000	10,284	10,000	10,000	10,000
SW Vehicles & Equip # 415 Recovery	4534159	(12,000)	(26,753)	(20,000)	(21,561)	(20,000)	(20,000)	(20,000)
SW Vehicles & Equip # 416 FT Wages	4534161	0	2,793	0	7,778	0	0	(20,000)
SW Vehicles & Equip # 416 Materials & Supplies	4534163	6,000	9,222	6,000	14,802	12,400	11,000	11,000
SW Vehicles & Equip # 416 Benefits	4534164	0	991	0	2,384	0	0	11,000
SW Vehicles & Equip # 416 Diesel	4534168	2,500	7,427	4,000	4,842	4,000	4,000	4,000
SW Vehicles & Equip # 416 Recovery	4534169	(31,000)	(31,928)	(25,000)	(24,106)	(30,000)	(30,000)	(30,000)
SW Vehicles & Equip # 417 FT Wages	4534171	0	577	0	990	0	0	(50,000)
SW Vehicles & Equip # 417 Materials & Supplies	4534173	2,500	3,190	3,000	7,989	3,300	3,300	3,300
SW Vehicles & Equip # 417 Benefits	4534174	0	186	0,000	343	0,500	0,500	3,300
SW Vehicles & Equip # 417 Diesel	4534178	7,000	7,941	7,000	6,107	7,000		7 000
SW Vehicles & Equip # 417 Bleser	4534179	(8,000)	(7,515)	(8,000)	(9,635)	(8,000)	7,000	7,000
SW Vehicles & Equip # 417 Recovery	4534179	(8,000)		(0,000)			(8,000)	(8,000
SW Vehicles & Equip # 416 F1 Wages SW Vehicles & Equip # 418 Materials & Supplies	4534183		472		284	3 000	2 000	2 000
W Vehicles & Equip # 418 Benefits		4,500	2,883	4,000	1,871	3,000	3,000	3,000
SW Vehicles & Equip # 418 Diesel	4534184 4534188	7,000	143		113	7,000	7,000	7.000
AND THE POWER OF THE PROPERTY AND A SOURCE A			9,155	7,000	5,472	7,000	7,000	7,000
SW Vehicles & Equip # 418 Recovery	4534189	(20,000)	(16,358)	(20,000)	(7,155)	(15,000)	(15,000)	(15,00

Total	7	213,655	141,411	58,045	178,710	195,447	202,534	200,50
		(213,655)	(141,411)	(58,045)	(178,710)	(195,447)	(202,534)	(200,507
W Vehicles & Equip Unassigned Recovery	4539999	(150)	(175)	0	(125)	(150)	(150)	(150
W Vehicles & Equip Unassigned Materials & Supplie		17,000	15,405	17,000	15,636	17,240	17,240	17,24
W Vehicles & Equip Unassigned FT Wages	4539991	7,903	989	7,190	1,355	13,304	15,051	The second second
W Vehicles & Equip Insurance	4537250	7,903	7,439	7,198	7,698	13,564	15,051	(1,000 15,80
W Vehicles & Equip #427 Gasonine W Vehicles & Equip #427 Recovery	4534277	(500)	2,438	2,000 (1,000)	1,964 (1,560)	1,500	1,500	1,50
W Vehicles & Equip #427 Materials & Supplies W Vehicles & Equip #427 Gasoline	4534273	2,500	2,691	2,500	1 064	3,400	2,600	2,60
W Vehicles & Equip #427 F1 Wages W Vehicles & Equip #427 Materials & Supplies	4534271						I Annual and the second	2.00
W Vehicles & Equip #420 F1 Wages W Vehicles & Equip #427 FT Wages	4534201	0	1,301	0	407	0	0	
W Vehicles & Equip # 426 FT Wages	4534259	(7,500)	(6,250)	(7,500)	(3,650)	(6,000)	(6,000)	(6,000
W Vehicles & Equip # 425 Benefits  W Vehicles & Equip # 425 Recovery	4534254	(7,500)	(6,250)	(7,500)	(3,850)	(6,000)	(6,000)	(e no
W Vehicles & Equip # 425 Materials & Supplies W Vehicles & Equip # 425 Benefits	4534253	2,500	167	2,500	1,712	2,500	2,500	2,50
W Vehicles & Equip # 425 P1 Wages W Vehicles & Equip # 425 Materials & Supplies	4534251	2,500	2,125	2,500	1,712	2,500		
W Vehicles & Equip # 424 Recovery W Vehicles & Equip # 425 FT Wages	4534249	(8,500)	693	(5,000)	2,264	(5,000)	(5,000)	(5,000
W Vehicles & Equip # 424 Benefits  W Vehicles & Equip # 424 Recovery	4534244	(8,500)	579 (7,675)	(5,000)	1,001 (7,613)	(5,000)	(5,000)	/F 004
W Vehicles & Equip # 424 Materials & Supplies W Vehicles & Equip # 424 Benefits	4534243 4534244	2,500	1,838	3,000	2,132	4,200	3,000	3,00
W Vehicles & Equip # 424 FT Wages	4534241	2 500	1,417	3,000	1,805	4 200	2,000	0.00
W Vehicles & Equip # 423 Recovery	4534239	(12,000)	(12,988)	(12,000)	(14,363)	(12,000)	(12,000)	(12,00
W Vehicles & Equip # 423 Benefits	4534234	(42,000)	861	(42,000)	840	(42,000)	0	
W Vehicles & Equip # 423 Materials & Supplies	4534233	4,500	6,443	4,500	6,227	6,500	6,500	6,50
W Vehicles & Equip # 423 FT Wages	4534231	0	2,160	0	1,816	0 500	0	
W Vehicles & Equip # 422 Recovery	4534229	(12,000)	(12,106)	(10,000)	(3,838)	(12,000)	(12,000)	(12,000
W Vehicles & Equip # 422 Benefits	4534224		595	(40,000)	985	(42,000)	0 (40,000)	(40.00
W Vehicles & Equip # 422 Materials & Supplies	4534223	3,000	3,085	3,000	1,060	3,000	3,000	3,00
W Vehicles & Equip # 422 FT Wages	4534221	2 000	2,302	0	2,698	0	0	0.00
W Vehicles & Equip # 421 Recovery	4534219	(65,000)	(42,854)	(30,000)	(23,223)	(35,000)	(35,000)	(35,000
W Vehicles & Equip # 421 Diesel	4534218	15,000	31,694	15,000	10,339	12,000	12,000	12,00
W Vehicles & Equip # 421 Benefits	4534214	0	813	0	1,060	0	0	
W Vehicles & Equip # 421 Materials & Supplies	4534213	8,000	13,349	9,000	10,799	10,000	10,000	10,00
W Vehicles & Equip # 421 FT Wages	4534211	0	2,440	0	2,666	0	0	
W Vehicles & Equip # 420 Recovery	4534209	0	(7,102)	(45,000)	(69,889)	(70,000)	(70,000)	(70,000
W Vehicles & Equip # 420 Diesel	4534208	4,500	2,324	45,000	33,901	30,000	30,000	30,00
W Vehicles & Equip # 420 Benefits	4534204	0	1,472	0	430	0	0	
W Vehicles & Equip # 420 Materials & Supplies	4534203	3,500	9,863	3,500	11,720	10,000	10,000	10,00
W Vehicles & Equip # 420 FT Wages	4534201	0	4,115	0	1,725	0	0	
W Vehicles & Equip # 419 Recovery	4534199	(50,000)	(39,634)	0	(7,930)	(10,000)	(10,000)	(10,000
W Vehicles & Equip # 419 Diesel	4534198	45,000	32,669	15,000	3,451	5,000	5,000	5,00
'N Vehicles & Equip # 419 Benefits	4534194	0	1,180	0	1,318	0	0	
		7,500	20,073	7,500	9,049	8,000	8,000	8,00

458 - Solid Waste Supervisor

		201	9	202	0	2021	2022	2023
	Account	Budget	Actual	Budget	Actual	Budget	Budget	Budget
Expenditures								
Transfer Facility FT Wages	4486030	49,867	0	50,864	0	51,627	52,402	53,188
Transfer Facility CPP	4486105	1,374	0	1,374	0	1,583	1,583	1,583
Transfer Facility El	4486110	546	0	522	0	559	559	559
Transfer Facility EHT	4486115	972	0	992	0	1,007	1,022	1,037
Transfer Facility Health Plan Contrib	4486120	2,790	0	3,302	0	3,908	3,908	3,908
Transfer Facility OMERS	4486125	5,673	0	5,783	0	5,813	5,926	6,041
Transfer Facility Insurance Contrib	4486130	617	0	630	0	639	649	658
Transfer Facility WSIB	4486135	1,571	0	1,602	0	1,621	1,645	1,670
Solid Waste Supervisor FT Wages	4586030	0	45,630	0	42,947	0	0	(
Solid Waste Supervisor CPP	4586105	0	1,385	0	1,429	0	0	(
Solid Waste Supervisor EI	4586110	0	550	0	531	0	0	(
Solid Waste Supervisor EHT	4586115	0	988	0	996	0	0	(
Solid Waste Supervisor Health Plan Contrib	4586120	0	2,627	0	3,040	0	0	0
Solid Waste Supervisor OMERS	4586125	0	5,786	0	5,829	0	0	0
Solid Waste Supervisor Insurance Contrib	4586130	0	616	0	609	0	0	C
Solid Waste Supervisor WSIB	4586135	0	1,464	0	1,377	0	0	C
Solid Waste Supervisor Admin	4587020	131,653	131,653	142,123	130,279	148,344	152,200	156,158
Solid Waste Supervisor Materials & Supplies	4587400	250	51	100	70	100	100	100
Solid Waste Supervisor Subscript & Memberships	4587800	1,200	1,216	1,500	1,533	1,500	1,500	1,500
Solid Waste Supervisor Utilities	4587840	1,000	427	500	99	500	500	500
olid Waste Supervisor Training	4587850	2,000	2,563	2,500	406	2,500	2,500	2,500
Solid Waste Supervisor Travel & Conference	4587900	1,500	1,352	1,500	296	1,500	1,500	1,500
		201,015	196,309	213,293	189,441	221,201	225,994	230,902
et Total	2	(201,015)	(196,309)	(213,293)	(189,441)	(221,201)	(225,994)	(230,902)

## **Capital Projects**

Appendix 3

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

	TOTAL COST						
DESCRIPTION	2021	2022	2023	2024	2025		
Transfer Facility	1 1						
Purchase of 40 yds roll off bin	30,000						
Bin area expansion	200,000						
Purchase of new scale				200,000			
Garbage building floor repair	1 1	60,000					
Kenora Area Landfill	1 1						
Landfill development peripheral road	500,000	500,000	700,000				
SW Vehicles & Equipment	1 1						
Garbage trailer	169,000						
Pickup truck	49,000			44,000	45,000		
Side-by-side	28,000						
Co Mingle Collection Truck 50%	151,835		162,000				
Co Mingle Collection Truck 50%	151,835						
Landfill loader - Landfill	1	287,000					
Landfill loader - Transfer Station	1 1	268,000					
Tandem tractor				197,000			
Rock truck					328,000		
TOTAL PROJECTED COSTS	1,279,670	1,115,000	862,000	441,000	373,000		

		Total Cost	So	System		
#	Description	Total Cost	Subsidy	Recovery	Other	System
	Transfer Facility					
21.448.01	Purchase of 3 40 yrd roll-off bin	30,000	-	-	-	30,000
21.448.02	Bin area expansion	200,000	-	-	-	200,000
		***************************************				
	Jones Road Landfill					
21.450.01	Landfill development peripheral road	500,000	-			500,000
1	SW Vehicles & Equipment					
21.453.01	N	160,000	11,922	2000	Marie .	160,000
Control of the contro	Garbage trailer	169,000	-	-	-	169,000
21.453.02	Pickup truck	49,000	-	-	-	49,000
21.453.03	Side-by-side	28,000	-	-	-	28,000
21.453.04	Co-mingle truck 50% cf	151,835	N <del>a</del>	8,004	-	143,831
21.453.05	Co-mingle truck 50% cf	151,835	-	8,004	-	143,831
	FUNCTIONAL TOTALS	1,279,670	_	16,008		1,263,662
		•				

	TO SERVICE SER	LOTAL COST		urces of Fund	ling	System
#	Description	Total Cost	Subsidy	Recovery	Other	system
U22.448.01	<b>Transfer Facility</b> Garbage building floor repair	60,000	-	ş-	-	60,000
22.450.01	Jones Road Landfill Landfill development peripheral road	500,000	-	-	8	500,000
22.453.01 22.453.02	Solid Waste Vehicles & Equipment Landfill loader - Landfill Landfill loader - Transfer Station	287,000 268,000		i=  -	-	287,000 268,000
	FUNCTIONAL TOTALS	1,115,000	-	-	-	1,115,000

#	Description	Total Cost	Sources of Funding Subsidy Recovery Other			System
23.450.01 23.453.01	Jones Road Landfill  Landfill development peripheral road  SW Vehicles & Equipment  Co-mingle truck	700,000 162,000	-	-	-	700,000 162,000
	FUNCTIONAL TOTALS	862,000	-	:-	-	862,000

#	Description	Total Cost	So Subsidy	urces of Fund Recovery	ling Other	System
24.448.01	<b>Transfer Facility</b> Purchase of a new scale	200,000	-	-	-	200,000
24.453.01 24.453.02	Solid Waste Vehicles & Equipment Pickup truck Tandem tractor	44,000 197,000	-	-	(#) (#)	44,000 197,000
	FUNCTIONAL TOTALS	441,000	r	-	-	441,000

#	Description	Total Cost	So Subsidy	urces of Func Recovery	ling Other	System
25.453.01 25.453.02	Solid Waste Vehicles & Equipment Pickup truck Rock Truck	45,000 328,000		-	-	45,000 328,000
) <del> </del>	FUNCTIONAL TOTALS	373,000	=	-	-	373,000