



**City of Kenora
Special Committee of the Whole Meeting**

AGENDA

**Thursday, September 14, 2023
City Hall Council Chambers
4:00 p.m.**

Live Stream Access: <https://kenora.civicweb.net/Portal/>

A. Call Meeting to Order

B. Land Acknowledgement – Councillor Manson

C. Public Information Notices

N/A

D. Declaration of Pecuniary Interest & the General Nature Thereof

Any Member of Council to Declare any Pecuniary Interest and the General Nature Thereof pertaining to any items as follows: -

- 1) On Today's Agenda
- 2) From a Meeting at which a Member was not in Attendance

Subject

1. **2024 Draft Water and Wastewater & Solid Waste Utility Budgets**
2. **Adjournment**

2024 Draft Budget

Water and Wastewater & Solid Waste Utility

Water / Wastewater

Water & Wastewater – The Water and Wastewater Utility treats and distributes safe drinking, services fire protection water, collects and treats wastewater for both the City of Kenora and Wauzhushk Onigum Nation. The water supply originates from Lake of the Woods and treated wastewater discharges into the Winnipeg River. The Water and Wastewater Utility Budget funds all aspects of treatment, distribution, collection, instrumentation, chemical and infrastructure costs associated with this level of service. The City's residential drinking water system is Municipal Drinking Water Licensed in accordance with Ontario Regulation 188/07 under the Safe Drinking Water Act (SDWA), 2002.

SERVICE DESCRIPTIONS – WATER & WASTEWATER

Water Treatment Plant:

Treats and supplies safe drinking water, service water and fire protection water. The plant protects the public through treatment processes of clarification, dual media filtration, chlorine disinfection, pH adjustment and ammonia addition for secondary chlorination to preserve water quality in the distribution system.

The plant is staffed 7 days per week during the day and staff are on call overnight should the process require attention. Plant staff perform regular water sampling and lab testing and make process adjustments to ensure compliance with the Provincial regulations and the health unit. Routine maintenance and upkeep of the plant is also performed by staff. Plant upgrades and larger projects or maintenance work are contracted out as identified.

Wastewater Treatment Plant:

Treats and releases wastewater to the environment. The plant protects the natural environment through treatment processes of grit removal, aeration, contact stabilization, secondary clarification and UV disinfection prior to release. The plant is staffed 5 days per week during the day and staff are on call overnight and weekends. Plant staff perform regular wastewater sampling and lab testing to ensure compliance with Provincial regulations. Biosolids is collected and removed by a belt press prior to trucking to the Kenora Area Landfill.

Hydrants and Flushing Program

The Underground Services department performs maintenance and repairs on the City's 750 fire hydrants, including annual winterization and inspection. On a 3 year cycle, the department contracts out a unidirectional water main flushing program to ensure the water service is able to offer normal operating flows and to clear obstructions. Staff also perform storm drain flushing alongside the Roads department when the storm drain system has become clogged with debris, winter sand etc.

Grinder Pumps Maintenance

The Underground Services department maintains approximately 350 grinder pumps that pump wastewater in the low-pressure collection system. Staff complete pump maintenance, repair, winter thawing and replacement if needed. Grinder Pumps that are connected to the gravity collection system are the responsibility of the property owner to maintain.

Meter Reading and Repair

The Underground Services completes monthly meter reading of the City's 5205 water meters. Staff also complete move-in/move-out reads by notification. Water meters that have failed (stopped measuring water flow, will not connect with reader, etc.) are inspected and repaired or replaced.

Water Service Connect/Disconnect

The Underground Services Department operates the curb stop valves on the water distribution system based on requests from property owners or City needs. New service connections and meter installations are provided for new builds and renovation projects. Seasonally, water service is turned on and off at properties where residents are away for extended periods of time, or where summer service is required such as on Coney Island, portions of the Rideout area and West of Keewatin. Underground Services also provides troubleshooting (line thawing, rodding, and camera inspection) and leak detection services as requested or when detected by Staff.

Station Maintenance

The Underground Services Department maintains 2 bulk water fill stations where the City, businesses and residents can collect bulk water for their use via card-operated dispenser. Staff also perform maintenance and repairs on 67 wastewater lift stations throughout the City. Due to local topography and Canadian Shield bedrock, the City of Kenora has an extremely high number of stations in relation to the population. Lastly, staff maintain 3 standpipe water storage towers, which provide stored water to meet City demand and peak flow times. Maintenance services are provided 5 days a week and staff are on call overnight and on weekends.

Locates

The Underground Services department completes residential and commercial locating of underground utilities (water and wastewater piping) in conjunction with the Roads Department and Ontario One-Call on an as-requested basis.

Potable Water Delivery

The Underground Services department offers bulk water delivery service to a service area South of the Bypass. Staff can delivery up to 5.5 cubic meters of water in a single trip. Service requests can typically be met with next-day delivery.

Capital Project Inspection Support

The Underground Services department provides support to contractors who have been awarded Capital Project Water and Wastewater Replacement Projects. Disconnections and connections to existing piping are monitored and inspected to ensure water does not become contaminated and that wastewater is not inadvertently released to the environment.

Water / Wastewater

Water and Wastewater System Repairs

The Underground Services department performs repairs to the water and wastewater distribution and collection piping. Piping, fittings, and valves can fail for a variety of reasons, but primarily fail due to age, soil settlement and freezes. The City's topography requires that many lines are buried at or near the frost line due to the Canadian Shield bedrock. Repair work consists of piping, fitting and valve replacement, or the addition of repair clamps and other accessories to bring the line back into service. In addition to following strict connection and disconnection procedures, support is provided from the Water Treatment Plant staff to provide lab testing to ensure drinking water safety.

Water / Wastewater

Operations Budget	2022 Actual *	2023 Adopted Budget	2024 Draft Budget	2025 Projected	2026 Projected
Revenue					
Miscellaneous Revenue	\$917				
User Charges	\$10,893,332	\$11,099,244	\$11,463,735	\$11,817,883	\$12,402,312
Total Revenue	\$10,894,249	\$11,099,244	\$11,463,735	\$11,817,883	\$12,402,312
Expense					
Operating Expense	\$3,775,422	\$4,602,976	\$5,541,680	\$5,204,132	\$5,290,746
Salaries Expense	\$2,663,735	\$3,082,811	\$3,398,878	\$3,423,449	\$3,448,326
Total Expense	\$6,439,157	\$7,685,787	\$8,940,558	\$8,627,581	\$8,739,072
Net Total	\$4,455,092	\$3,413,457	\$2,523,177	\$3,190,302	\$3,663,240
Subservice					
	2022 Actual *	2023 Adopted Budget	2024 Draft Budget	2025 Projected	2026 Projected
Wastewater	\$1,898,440	\$1,491,794	\$876,473	\$1,290,802	\$1,548,654
Water	\$2,556,652	\$1,921,663	\$1,646,704	\$1,899,500	\$2,114,586
Net Total	\$4,455,092	\$3,413,457	\$2,523,177	\$3,190,302	\$3,663,240

Full-Time Equivalent Positions 30.23 31.56 31.56 31.56

* 2022 Actuals are Unaudited

Explanations of Changes from 2023 Adopted Budget to 2024 Draft Budget

1. Revenue

Increase in revenue reflects annual increase in sewer and water rates reflective approved bylaws. \$364,491

2. Expenses

Increase in Contracted Services:

Capital needs assessment	\$250,000
Wastewater Treatment Plant Facility Upgrades	\$200,000
Water Rate Review	\$150,000
Water and Wastewater dig repairs	\$49,200
Sanitary Truck	\$5,000
Standpipe (Water Tower) maintenance	(\$26,000)
Lift Station vac Truck services	(\$11,000)
Manhole cover replacements	(\$10,500)
Increase in Utilities	\$74,000
Increase in Fleet/Garage and Equipment usage	\$74,000
Increase in Administration Support/Overhead (includes Customer Services, Communications, HR, Finance, and IT support)	\$68,000
Increase in Instrument purchases for modernization	\$60,000
Increase in Materials and Supplies	\$34,060
Increase in Salary and Benefits including 0.5 FTE for Heavy Equipment Operating, 0.5 FTE Truck Driver and allocation 0.33 FTE General Manager, labour increases, pension and other general increases.	\$288,959
Increase in Overtime	\$27,108
Increase in Insurance	\$16,195
Increase in Training	\$5,749
	<u>\$1,254,771</u>

2024 Draft Budget

Reserve Details - Water and Wastewater

Reserve Name: Water and Wastewater Reserve

Purpose:

The establishment of an adequate Water and Wastewater reserve enhances the ability to manage potential risks, manage reserve fluctuations and is the primary source of capital financing.

The reserve is funded through water and waster water user fees with operations surplus transferred to the reserve fund. The target balance of the reserve is supported by a current Long Range Financial Plan, which considers Capital needs, sustainable cashflows and appropriate

Fund Manager Director of Engineering and Infrastructure

Financial Projections	2021 Actuals	2022 Actuals *	2023 Forecast	2024 Draft Budget	2025 Proj Budget	2026 Proj Budget	2027 Proj Budget	2028 Proj Budget
Balance, beginning of year	1,553,916	2,136,599	2,958,100	2,923,557	1,050,609	200,611	(243,749)	(1,122,175)
Add:								
Surplus from Operations	4,774,096	4,455,092	3,413,457	2,523,177	3,190,302	3,663,240	3,125,573	3,125,573
	6,328,012	6,591,691	6,371,557	5,446,734	4,240,911	3,863,851	2,881,825	2,003,398
Deduct:								
Unusual Spend	180,570		-	-	-	-	-	
Capital	4,010,843	3,633,591	3,448,000	4,396,125	4,040,300	4,107,600	4,004,000	4,458,350
	4,191,413	3,633,591	3,448,000	4,396,125	4,040,300	4,107,600	4,004,000	4,458,350
Balance, December 31	2,136,599	2,958,100	2,923,557	1,050,609	200,611	(243,749)	(1,122,175)	(2,454,952)

Assumptions/Notes/Comments:

* 2022 actuals are unaudited

City of Kenora Funding Source with Capital Projects							
Funding Source	2024	2025	2026	2027	2028	2029-2033	Total
Water & Sewer							
YOTHER Debt Financing							
412-001 Lift Station Upgrades	375,000						375,000
Total YOTHER Debt Financing	375,000						375,000
Z40002 400 Sewer/Water							
411-01 Wastewater Collection Program	1,415,500	1,495,500	765,000	1,650,000	900,000	10,360,559	16,586,559
411-002 Sanitary Relining Program	400,000					200,000	600,000
411-002 DTR Matheson & First St S Sewer Main Renewal			500,000				500,000
412-001 Lift Station Upgrades	112,000	133,000	137,000	210,000	200,000	1,150,000	1,942,000
412-01 Roof Replacement on Pumping Stations	80,000	80,000					160,000
412-03 Replacement of Wastewater Pumps	76,875	78,800	80,750	82,750	84,850	457,250	861,275
412-002 Delta to Wye conversion	51,250	52,500	53,850	55,250	56,500	304,750	574,100
413-001 Repair Air Leaks to Aeration Tanks	50,000	200,000					250,000
413-001 Replace Bent Sluice Gate and Valve Stem		20,000	180,000				200,000
413-002 Replace Screw Pump Generator		50,000	450,000				500,000
413-001 Replace MCC Electrical Panel in 400 Building			35,000	125,000			160,000
413-002 Replace Scum Box East Clarifier				25,000			25,000
414-01 Fleet - Water and Wastewater Vehicles and Equipment	390,000	335,000	241,000	106,000	167,000	855,800	2,094,800
431-002 Coney Island Water Main Replacement Phases #1-3	60,000		150,000		150,000	150,000	510,000
431-01 Watermain Program	1,415,500	1,495,500	765,000	1,650,000	900,000	10,360,550	16,586,550
431-004 DTR Matheson First St S Watermain Renewal			650,000				650,000
432-002 Design and Costing of New Pump PLC Panel/Selector Switches	30,000						30,000
432-01 Upgrading Brinkman and Crawford Water Dispensers	80,000						80,000
433-001 Door Replacement and Repair	100,000						100,000
433-01 Pump Replacement	100,000	100,000	100,000	100,000			400,000
433-001 Kitchen and Lab area upgrades at Water Treatment Plant	35,000						35,000
Total Z40002 400 Sewer/Water	4,396,125	4,040,300	4,107,600	4,004,000	2,458,350	23,838,909	42,845,284
Total Water & Sewer	4,771,125	4,040,300	4,107,600	4,004,000	2,458,350	23,838,909	43,220,284

Capital Project Summary of Changes
Adopted vs Forecast 2024 - 2028

	2023-2027	2024-2028	Change	2023-2027	2024-2028	Change	2023-2027	2024-2028	Change	2023-2027	2024-2028	Change	2024-2028
Capital Project	Adopted	Submission	to Capital	Adopted	Submission	to Capital	Adopted	Submission	to Capital	Adopted	Submission	to Capital	Submission
	2024	2024	2024	2025	2025	2025	2026	2026	2026	2027	2027	2027	2028
02 Water & Sewer													
Water and Wastewater													
411 Sanitary System													
23-411-01 Wastewater Collection Program	1,415,500	1,415,500		1,495,500	1,495,500		1,340,000	765,000	575,000	1,650,000	1,650,000		900,000
24-411-002 Sanitary Relining Program	400,000	400,000											
27-411-002 DTR Matheson & First St S Sewer Main Renewal								500,000	(500,000)	500,000		500,000	
412 Sewer Lift Station													
23-412-001 Lift Station Upgrades	437,000	487,000	(50,000)	62,000	133,000	(71,000)		137,000	(137,000)		210,000	(210,000)	200,000
23-412-01 Roof Replacement on Pumping Stations	80,000	80,000		80,000	80,000		80,000		80,000				
23-412-03 Replacement of Wastewater Pumps	75,000	76,875	(1,875)	75,000	78,800	(3,800)	75,000	80,750	(5,750)	75,000	82,750	(7,750)	84,850
24-412-002 Delta to Wye conversion	50,000	51,250	(1,250)	50,000	52,500	(2,500)	50,000	53,850	(3,850)	50,000	55,250	(5,250)	56,500
413 Sewage Treatment Plant													
24-413-001 Repair Air Leaks to Aeration Tanks	250,000	50,000	200,000		200,000	(200,000)							
26-413-001 Replace Bent Sluice Gate and Valve Stem					20,000	(20,000)	200,000	180,000	20,000				
26-413-002 Replace Screw Pump Generator					50,000	(50,000)	500,000	450,000	50,000				
27-413-001 Replace MCC Electrical Panel in 400 Building								35,000	(35,000)	100,000	125,000	(25,000)	
27-413-002 Replace Scum Box East Clarifier										25,000	25,000		
414 W&S Vehicles & Equip													
23-414-01 Fleet - Water and Wastewater Vehicles and Equipment	325,000	390,000	(65,000)	92,000	335,000	(243,000)	146,000	241,000	(95,000)	105,000	106,000	(1,000)	167,000
431 Waterworks													
23-431-002 Coney Island Water Main Replacement Phases #1-3	50,000	60,000	(10,000)	50,000		50,000	50,000	150,000	(100,000)	50,000		50,000	150,000
23-431-01 Watermain Program	1,415,500	1,415,500		1,495,500	1,495,500		1,340,000	765,000	575,000	1,650,000	1,650,000		900,000
27-431-004 DTR Matheson First St S Watermain Renewal								650,000	(650,000)	650,000		650,000	
432 Standpipe & Booster													
24-432-002 Design and Costing of New Pump PLC Panel/Selector Switches		30,000	(30,000)										
24-432-01 Upgrading Brinkman and Crawford Water Dispensers	80,000	80,000											
433 Water Treatment Plant													
23-433-001 Door Replacement and Repair	100,000	100,000											
23-433-01 Pump Replacement	100,000	100,000		100,000	100,000		100,000	100,000		100,000	100,000		
24-433-001 Kitchen and Lab area upgrades at Water Treatment Plant		35,000	(35,000)										
Total Water and Wastewater	4,778,000	4,771,125	6,875	3,500,000	4,040,300	(540,300)	3,881,000	4,107,600	(226,600)	4,955,000	4,004,000	951,000	2,458,350



**City of Kenora
Capital Projects**

Project	23-411-01 Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Replacement and rehab of the wastewater collection piping system.

As the wastewater collection system ages, it is prone to developing leaks, which can lead to backups, freezing, etc. The city completes annual cctv inspections, on a 5 year zone cycle, of the system to evaluate the condition and base decision making for replacement. Review of the locations of high service calls also play a role. Further, work is aligned with municipal paving needs to progress the renewal of the City's road network.

2024: Park Street from 10th Ave S Intersection to Maple Street, Preston Street, Mikado Ave N of 10th Street N and 10th Street N from Mikado Ave to Rupert Road

2025: Rupert Road from 9th Street N to Dead End and 10th Street N to Mellick Ave; Laneway between 3rd and 4th Ave s and 7th and 5th Street S

2026: River Drive from 7th Ave S to 9th Ave S, 3rd Street North from 4th Ave N to 2nd Street N

2027: Mascott Ave from Veterans Drive to Dead end and 10th Street N to Mikado Ave, Regina Avenue from Veterans Drive to 10th Street N

2028: 13th Ave N from dead end to 9th Street N and 8th Street N from 14th Ave N to the west

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	16,586,559	1,415,500	1,495,500	765,000	1,650,000	900,000	10,360,559
Funding							
400							
400 Sewer/Water	(16,586,559)	(1,415,500)	(1,495,500)	(765,000)	(1,650,000)	(900,000)	(10,360,559)
	(16,586,559)	(1,415,500)	(1,495,500)	(765,000)	(1,650,000)	(900,000)	(10,360,559)
Funding Total	(16,586,559)	(1,415,500)	(1,495,500)	(765,000)	(1,650,000)	(900,000)	(10,360,559)



Project	411-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget		2024

Gallery

2024:

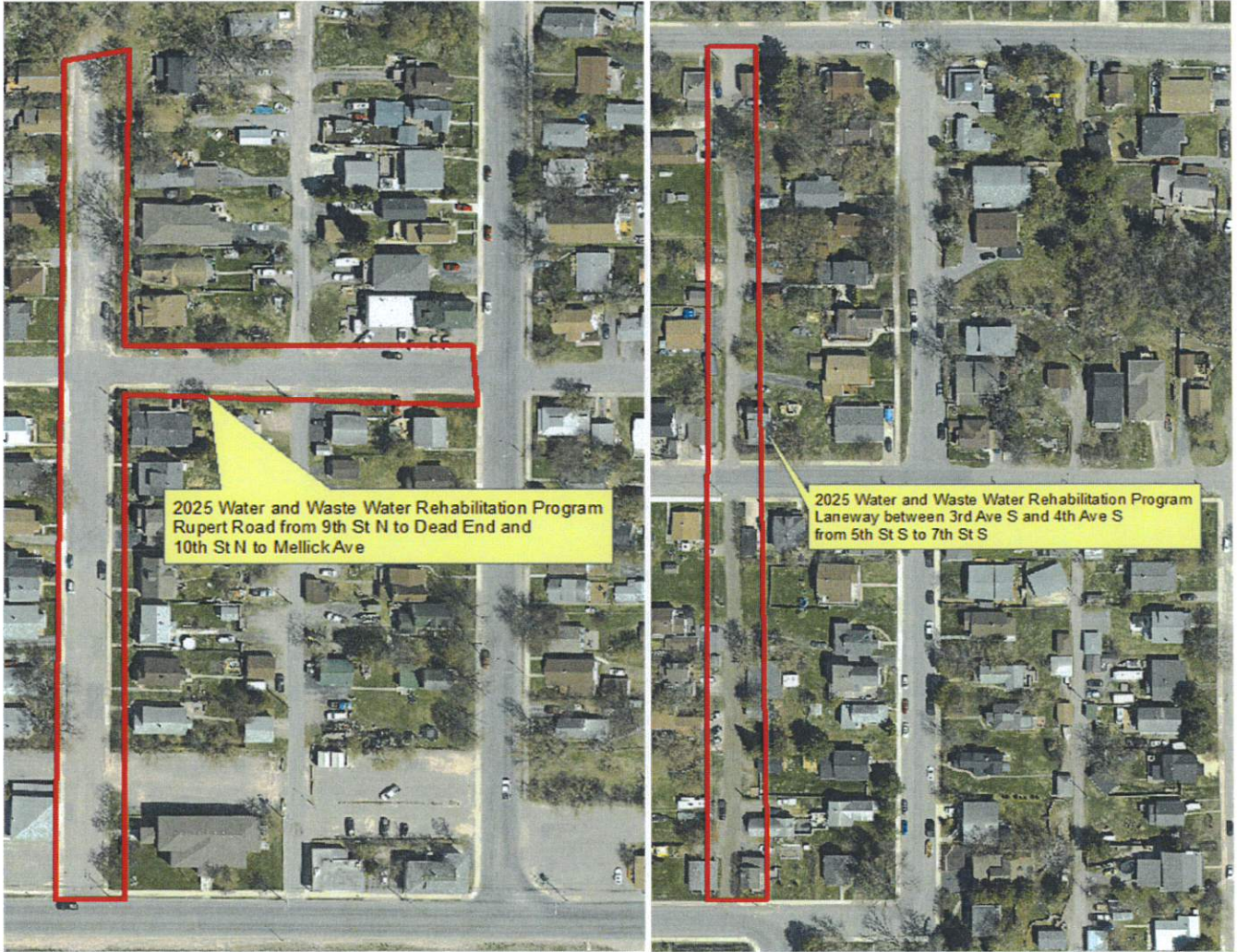




Project	411-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget	2024	

Gallery

2025:





Project	411-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget	2024	

Gallery

2026:





Project	411-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget		2024

Gallery





Project	411-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget		2024

Gallery

2028:





**City of Kenora
Capital Projects**

Project	24-411-002 Sanitary Relining Program		
Department	Sanitary System		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Project to reline 1.3 km of wastewater collection mains. Relining is a rehabilitation method where a new pipe is pulled through an existing pipe to renew the infrastructure without excavation.

There are numerous wastewater collection mains that are due for replacement however, a typical excavation replacement is not of good value. The areas selected are typically under streets with good surface condition ratings, in close proximity to structures or private property or are not easily accessible for typical excavation.

Location 1: 315 m From Round About through 7 Generation Property to 3rd Street N
 Location 2: 258 m 7th Ave S to 8th Ave S through backyards south of 2nd Street S and across the Lawrensons Creek.
 Location 3: 235 m South of 3rd Steet S from 450 Laursons Ln to 603 3rd Street S
 Location 4: 75 m Pedestrian Stairs on 3rd Street N to Laneway between Matheson Street and Main Street N
 Location 5: 263 m North of CP Tracks from Norman Drive to First Ave W
 Location 6: 200 m of Sanitary line in Easements/ Private Property

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	600,000	400,000					200,000
Funding							
400							
400 Sewer/Water	(600,000)	(400,000)					(200,000)
	(600,000)	(400,000)					(200,000)
Funding Total	(600,000)	(400,000)					(200,000)



City of Kenora

Capital Projects

Project	27-411-002 DTR Matheson & First St S Sewer Main Renewal		
Department	Sanitary System		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The Downtown Revitalization (DTR) project involves the replacement of sewer infrastructure located on Matheson St S from Second St S to McClellan Ave and First St S from Matheson St S to Main St S

This is the next phase of Downtown Revitalization related to replace some of the oldest sanitary infrastructure in the City.

This project is linked and coordinated with projects 27-431-002 and 27-851 Infrastructure DTR.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	500,000			500,000			
Funding							
400							
400 Sewer/Water	(500,000)			(500,000)			
	(500,000)			(500,000)			
Funding Total	(500,000)			(500,000)			



**City of Kenora
Capital Projects**

Project	23-412-001 Lift Station Upgrades		
Department	Sewer Lift Station		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION	
Consulting services to evaluate the pumping, mechanical and control systems of the sewage lift stations, replace generators and repair mechanical systems. Stations are reaching the end of their service life and require maintenance and upgrade .	
2024	- \$102,000 North Hamilton Station Generator Supply and Installation \$375,000 North Hamilton pumping system upgrades \$10,000 Preston St Generator Replacement Engineering Design
2025	- \$122,000 Preston St Generator Supply and Installation \$11,000 Crawford Rd Generator Replacement Engineering Design
2026	- \$125,000 Crawford Rd Generator Supply and Installation \$12,000 Valley Dr Generator Replacement Engineering Design
2027	- \$128,000 Valley Dr Generator Supply and Installation \$22,000 Subway Station Generator Engineering Design \$60,000 Engineering Study - Future Lift Station Upgrades
2028	- \$200,000 Subway Station Generator Supply and Installation
2029 - 2033	- \$1,150,000 Lift Station Upgrades based on Engineering Study Report

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	2,317,000	487,000	133,000	137,000	210,000	200,000	1,150,000
Funding							
400							
400 Sewer/Water	(1,942,000)	(112,000)	(133,000)	(137,000)	(210,000)	(200,000)	(1,150,000)
	<u>(1,942,000)</u>	<u>(112,000)</u>	<u>(133,000)</u>	<u>(137,000)</u>	<u>(210,000)</u>	<u>(200,000)</u>	<u>(1,150,000)</u>
All							
Debt Financing	(375,000)	(375,000)					
	<u>(375,000)</u>	<u>(375,000)</u>					
Funding Total	(2,317,000)	(487,000)	(133,000)	(137,000)	(210,000)	(200,000)	(1,150,000)



**City of Kenora
Capital Projects**

Project	23-412-01 Roof Replacement on Pumping Stations		
Department	Sewer Lift Station		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The City of Kenora owns 28 above-ground wastewater pumping stations. 14 have flat roofs. This project is to convert the flat roof to a peaked metal roof which will save on maintenance and upkeep. Existing flat roofs need to be inspected every year to clean the drains, remove vegetation and more and while doing inspections have noticed multiple rips, tears, drain leaks and more putting the facilities at risk.

2 of the roofs were replaced in 2022 and 6 were replaced in 2023. 3 are remaining in 2024 and 3 in 2025. Work takes place through the Summer and Fall of each year.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	160,000	80,000	80,000				
Funding							
400							
400 Sewer/Water	(160,000)	(80,000)	(80,000)				
	(160,000)	(80,000)	(80,000)				
Funding Total	(160,000)	(80,000)	(80,000)				



**City of Kenora
Capital Projects**

Project	23-412-03 Replacement of Wastewater Pumps	
Department	Sewer Lift Station	
Version	2024-2028	Year 2024

Description

PROJECT DESCRIPTION

Sewage Lift Station Pumps are continuing to age, requiring pump rebuild and replacement based on their utilization.

Annual capital budget funding for rebuild or replacement of existing lift station pumps to maintain an operational wastewater collection system.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	861,275	76,875	78,800	80,750	82,750	84,850	457,250
Funding							
400							
400 Sewer/Water	(861,275)	(76,875)	(78,800)	(80,750)	(82,750)	(84,850)	(457,250)
	(861,275)	(76,875)	(78,800)	(80,750)	(82,750)	(84,850)	(457,250)
Funding Total	(861,275)	(76,875)	(78,800)	(80,750)	(82,750)	(84,850)	(457,250)



**City of Kenora
Capital Projects**

Project	24-412-002 Delta to Wye conversion		
Department	Sewer Lift Station		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Delta to Wye Transformer Wiring Reconfiguration for lift stations.

Delta-configuration transformers do not include a connection to ground at the pole. Equipment failures occur as there is no ground fault protection for the control system equipment. Replacement with Wye-configuration transformers will include the ground connection and adding ground fault protection.

There are approximately 20 lift stations remaining to upgrade. we would like to complete one station per year. Replacement is dependent on the availability of Synergy North and can be scheduled with their cooperation each year.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	574,100	51,250	52,500	53,850	55,250	56,500	304,750
Funding							
400							
400 Sewer/Water	(574,100)	(51,250)	(52,500)	(53,850)	(55,250)	(56,500)	(304,750)
	<u>(574,100)</u>	<u>(51,250)</u>	<u>(52,500)</u>	<u>(53,850)</u>	<u>(55,250)</u>	<u>(56,500)</u>	<u>(304,750)</u>
Funding Total	(574,100)	(51,250)	(52,500)	(53,850)	(55,250)	(56,500)	(304,750)



**City of Kenora
Capital Projects**

Project	24-413-001 Repair Air Leaks to Aeration Tanks		
Department	Sewage Treatment Plant		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The piping that supplies the aeration tanks at the Wastewater Treatment Plant with air are leaking and need to be repaired. The loss of air to the aeration tanks can impact the aeration process by supplying an insufficient amount of air for the biological treatment process to function correctly. Additionally, the blowers that supply the air must work harder to compensate for the loss which increases power consumption and prematurely ages the blowers. Loss of the ability to deliver air to the aeration tanks would result in failure of the treatment process.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	250,000	50,000	200,000				
Funding							
400							
400 Sewer/Water	(250,000)	(50,000)	(200,000)				
	(250,000)	(50,000)	(200,000)				
Funding Total	(250,000)	(50,000)	(200,000)				



City of Kenora

Capital Projects

Project	26-413-001 Replace Bent Sluice Gate and Valve Stem		
Department	Sewage Treatment Plant		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Replace/repair clarifier sluice gate valve and valve stem
 The Sluice Gates control the flow of wastewater into the Secondary Clarifiers at the Wastewater Treatment Plant. Cleaning and monitoring of the tanks requires the ability to completely shut of the flow of wastewater. The gate valves are currently leaking and require repair/replacement.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	200,000		20,000	180,000			
Funding							
400							
400 Sewer/Water	(200,000)		(20,000)	(180,000)			
Funding Total	(200,000)		(20,000)	(180,000)			



**City of Kenora
Capital Projects**

Project	26-413-002 Replace Screw Pump Generator		
Department	Sewage Treatment Plant		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Project to replace screw pump diesel generator
 The screw pump diesel generator will be approaching the end of its useful life and is critical in keeping the plant functioning during power interruptions.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	500,000		50,000	450,000			
Funding							
400							
400 Sewer/Water	(500,000)		(50,000)	(450,000)			
	(500,000)		(50,000)	(450,000)			
Funding Total	(500,000)		(50,000)	(450,000)			



**City of Kenora
Capital Projects**

Project	27-413-001 Replace MCC Electrical Panel in 400 Building		
Department	Sewage Treatment Plant		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Replace the electrical Motor Control Center in the 400 Building at the Wastewater Treatment Plant. This is an original panel that needs to be replaced as it is approaching the end of its useful life and the wiring is becoming brittle which increases the likelihood of panel failure.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	160,000			35,000	125,000		
Funding							
400							
400 Sewer/Water	(160,000)			(35,000)	(125,000)		
	(160,000)			(35,000)	(125,000)		
Funding Total	(160,000)			(35,000)	(125,000)		



**City of Kenora
Capital Projects**

Project	27-413-002 Replace Scum Box East Clarifier		
Department	Sewage Treatment Plant		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Replacement of the scum box for east clarifier at the wastewater plant is required. The scum box collects grease, oils and fats from the surface of the secondary treatment tanks. It is anticipated this scum box will need replacement as the west one was replaced in 2022.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	25,000				25,000		
Funding							
400							
400 Sewer/Water	(25,000)				(25,000)		
	(25,000)				(25,000)		
Funding Total	(25,000)				(25,000)		

Project	27-413-002 Replace Scum Box East Clarifier		
Department	Sewage Treatment Plant		
Version	2024-2028	Year	2024

Gallery

C:\Users\kjunko\Pictures\Scum Box Picture for Capital Project.jpg





**City of Kenora
Capital Projects**

Project	23-414-01 Fleet - Water and Wastewater Vehicles and Equipment		
Department	W&S Vehicles & Equip		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

This budget supports the renewal of vehicles used by the water and waste water utility operations and includes all underground repair and maintenance services, water and waste water treatment plants, water booster stations, waste water pumping stations and meter reading. Within the utility there are select fleet units where reliability is of utmost importance. These units are generally within the underground repair and maintenance area of the utility as the work is generally critical and time sensitive in nature. The fleet manager replaces these units once reliability becomes a concern and they are repurposed to a seasonal or lower usage unit to extend the assets life span.

- 2024: Single Axel Wastewater Vacuum Truck
- 2025: Water Delivery Truck
- 2026: Underground Services Walk-In Repair Van
- 2026: 3/4 Ton Pickup Truck
- 2026: Utility Boat
- 2027: 3/4 Ton Pickup Truck Equipped with a Hoist

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	2,094,800	390,000	335,000	241,000	106,000	167,000	855,800
Funding							
400							
400 Sewer/Water	(2,094,800)	(390,000)	(335,000)	(241,000)	(106,000)	(167,000)	(855,800)
	(2,094,800)	(390,000)	(335,000)	(241,000)	(106,000)	(167,000)	(855,800)
Funding Total	(2,094,800)	(390,000)	(335,000)	(241,000)	(106,000)	(167,000)	(855,800)



**City of Kenora
Capital Projects**

Project	23-431-002 Coney Island Water Main Replacement Phases #1-3		
Department	Waterworks		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The project includes Replacing the above ground water main on Coney Island between the Coney foot bridge and camp # 850.

The water distribution line is approaching end of life span. Replacement is required to ensure health and safety of water quality as line is above ground.

2024 - \$60,000 Engineering Design of Coney Island Watermain Replacement
 2026 - \$150,000 Phase 1 Replacement Works
 2028 - \$150,000 Phase 2 Replacement Works
 2029 and 2030 - \$150,000 Phase 3 Replacement Works

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	510,000	60,000		150,000		150,000	150,000
Funding							
400							
400 Sewer/Water	(510,000)	(60,000)		(150,000)		(150,000)	(150,000)
	(510,000)	(60,000)		(150,000)		(150,000)	(150,000)
Funding Total	(510,000)	(60,000)		(150,000)		(150,000)	(150,000)



**City of Kenora
Capital Projects**

Project	23-431-01 Watermain Program		
Department	Waterworks		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

Replacement and rehab of the watermain distribution piping system.

As the water distribution system ages, it becomes increasingly prone to developing leaks and breaks that would require immediate repair. The City uses the age of the system, previous water main break locations, staff consultation and frequent freezing to prioritize locations.

2024: Location 1: Park Street from 10th Ave S Intersection to Maple Street
 Location 2 : Preston Street
 Location 3 : Mikado Ave N of 10th Street N and 10th Street N from Mikado Ave to Rupert Road

2025: Location 1: Rupert Road from 9th Street N to Dead End and 10th Street N to Mellick Ave;
 Location 2: Laneway between 3rd and 4th Ave s and 7th and 5th Street S

2026: Location 1: River Drive from 7th Ave S to 9th Ave S
 Location 2 : 3rd Street North from 4th Ave N to 2nd Street N

2027: Location 1 : Mascott Ave from Veterans Drive to Dead end and 10th Street N to Mikado Ave
 Location 2 : Regina Avenue from Veterans Drive to 10th Street N

2028: Location 1 : 13th Ave N from dead end to 9th Street N and 8th Street N from 14th Ave N to the west

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	16,586,550	1,415,500	1,495,500	765,000	1,650,000	900,000	10,360,550
Funding							
400							
400 Sewer/Water	(16,586,550)	(1,415,500)	(1,495,500)	(765,000)	(1,650,000)	(900,000)	(10,360,550)
	(16,586,550)	(1,415,500)	(1,495,500)	(765,000)	(1,650,000)	(900,000)	(10,360,550)
Funding Total	(16,586,550)	(1,415,500)	(1,495,500)	(765,000)	(1,650,000)	(900,000)	(10,360,550)



Project	431-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget		2024

Gallery

2024:

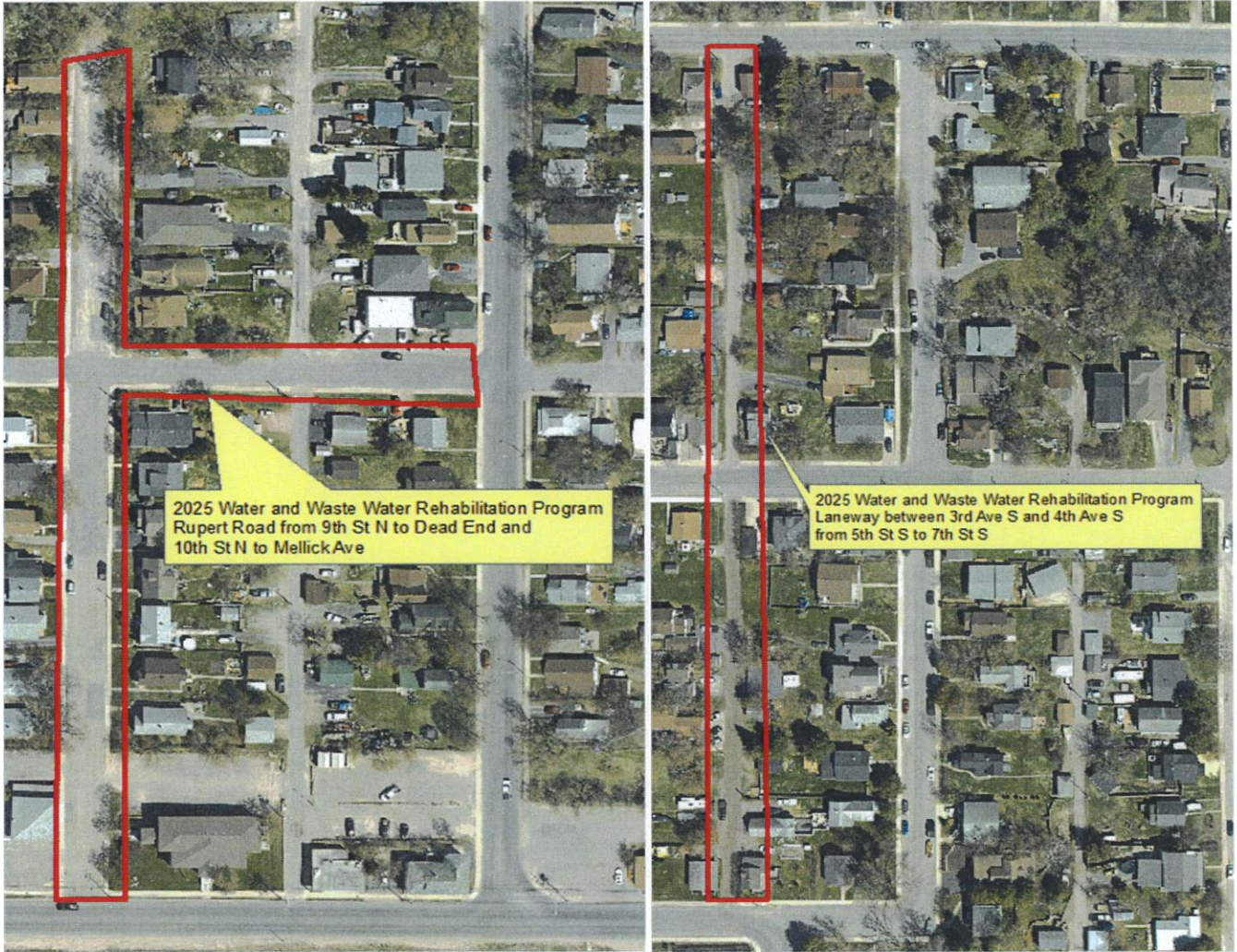




Project	431-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget	2024	

Gallery

2025:



Project	431-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget	2024	

Gallery

2026:



Project	431-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget	2024	

Gallery





Project	431-01a Wastewater Collection Program		
Department	Sanitary System		
Version	2024-2028 Draft Budget		2024

Gallery

2028:





**City of Kenora
Capital Projects**

Project	27-431-004 DTR Matheson First St S Watermain Renewal		
Department	Waterworks		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The Downtown Revitalization (DTR) project involves the replacement of water infrastructure located on Matheson St S from Second St S to McClellan Ave and First St S from Matheson St S to Main St S.

This is the next phase of Downtown Revitalization related to replace some of the oldest sanitary infrastructure in the City.

This project is linked and coordinated with project 27-411-011 and 27-851 Infrastructure (DTR) for a complete project.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	650,000			650,000			
Funding							
400							
400 Sewer/Water	(650,000)			(650,000)			
	(650,000)			(650,000)			
Funding Total	(650,000)			(650,000)			



City of Kenora

Capital Projects

Project	24-432-002 Design and Costing of New Pump PLC Panel/Selector Switches	
Department	Standpipe & Booster	
Version	2024-2028	Year 2024

Description

PROJECT DESCRIPTION

Design and market costing for replacement of the Programmable Logic Controller (PLC) panel, and selector switches for the Norman Booster Station. The new PLC panel and switches will allow operations to switch pumps remotely, reducing the need for staff to be on site to perform process changes or deal with alarms.

Functionality of this station needs to be upgraded to allow communication to the City's Supervisory Control And Data Acquisition (SCADA) control software, allowing for enhanced operational control, process monitoring, and modernization of the City's operations.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	30,000	30,000					
Funding							
400							
400 Sewer/Water	(30,000)	(30,000)					
	(30,000)	(30,000)					
Funding Total	(30,000)	(30,000)					



**City of Kenora
Capital Projects**

Project	24-432-01 Upgrading Brinkman and Crawford Water Dispensers	
Department	Standpipe & Booster	
Version	2024-2028	Year 2024

Description

PROJECT DESCRIPTION

Upgrading the Crawford and Brinkman bulk water filling stations.
Upgrading and recapitalization of filling station equipment that has be in service for several years and will be becoming redundant and problematic.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	80,000	80,000					
Funding							
400							
400 Sewer/Water	(80,000)	(80,000)					
	(80,000)	(80,000)					
Funding Total	(80,000)	(80,000)					



**City of Kenora
Capital Projects**

Project	23-433-001 Door Replacement and Repair	
Department	Water Treatment Plant	
Version	2024-2028	Year 2024

Description

PROJECT DESCRIPTION

Window and door corrective measures at the Water Treatment Plant. Replace several windows and two doors on the upper floor, repair multiple entrance doors to prevent leakage and promote proper building security

During the roof replacement in 2020 a number of deficiencies were discovered including damaged seals on the glazing, a missing door to access the roof top filters, damaged door on other side of building to access roof top exhaust fans, damaged weather stripping and building envelope issues.

Service Impact: Impact to the operators will be negligible as work will be outside of their normal work area.

Schedule: Work will be completed during the fall of 2024

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	100,000	100,000					
Funding							
400							
400 Sewer/Water	(100,000)	(100,000)					
	(100,000)	(100,000)					
Funding Total	(100,000)	(100,000)					

Project	23-433-001 Door Replacement and Repair		
Department	Water Treatment Plant		
Version	2024-2028	Year	2024

Gallery

S:\Facilities\Water treatment Plant\IMG_8489.JPG





**City of Kenora
Capital Projects**

Project	23-433-01 Pump Replacement		
Department	Water Treatment Plant		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The Water Treatment Plant has 6 pumps in the lower level that take in and pump out water into the distribution system. The low lift pumps bring water into the plant to be treated, and the high lift pumps convey water out to the distribution system.

This project consists of the replacement of the plant's high lift and low lift pumps as part of a 5 year 2023 to 2027 change out of the 6 pumps.

All high lift and low lift pumps at the Water Treatment Plant are original and over 40 years old and beyond their life cycle. The high lift pumps have leaks which are difficult to repair due to age and condition of seals. The low lift pumps have experienced a drop in operational efficiency over time, and have similar issues with leakage.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	400,000	100,000	100,000	100,000	100,000		
Funding							
400							
400 Sewer/Water	(400,000)	(100,000)	(100,000)	(100,000)	(100,000)		
	(400,000)	(100,000)	(100,000)	(100,000)	(100,000)		
Funding Total	(400,000)	(100,000)	(100,000)	(100,000)	(100,000)		



City of Kenora

Capital Projects

Project	24-433-001 Kitchen and Lab area upgrades at Water Treatment Plant		
Department	Water Treatment Plant		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

This project is to install new cabinets, sinks, lighting and flooring in the kitchen / lab area of the Water Treatment Plant.

Kitchen and Lab areas are 35+ years old. The area is worn and difficult to disinfect and cleanup.

Minor impact to staff during renovations so alternative testing area will be considered short term.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	35,000	35,000					
Funding							
400							
400 Sewer/Water	(35,000)	(35,000)					
	(35,000)	(35,000)					
Funding Total	(35,000)	(35,000)					

**Water and Wastewater Debt
as of 2023**

	2024 Outstanding		2024 Annual Repayment			Expires
	Principle	Interest	Principle	Interest	Total	
Water and Wastewater						
Downtown Rehabilitation - Water and Wastewater	1,086,785	357,193	38,912	29,849	68,761	2044
Generator - Water and Wastewater	713,897	117,552	74,128	22,620	96,748	2032
	1,800,682	474,745	113,040	52,469	165,509	
Forecasted Debt (2025)			Annual Payment		Total	
Lift Station Upgrades (2025)	375,000	321,923	7,361	20,516	27,877	2049
Total Debt and Forecasted Debt 25-28	2,175,682	796,669	120,401	72,985	193,386	

Solid Waste

PURPOSE

Solid Waste – The Solid Waste Department manages the City’s solid waste through processing both garbage and recyclable materials. The Garbage service is a City Utility meaning it is self-funded by user fees such as bag tags and tipping fees. The City operates a curbside collection program, with materials being brought to the Kenora Area Landfill. The City also operates a transfer station where users can bring smaller loads not collected at the curb. Depots are provided for material drop off North of the Bypass. Staff act as environmental stewards, planning a variety of educational events in conjunction with community partners and the Sustainability Advisory Committee.

Service Description - Solid Waste

Landfill and Transfer Station Sites:

The Solid Waste Department operates the Kenora Area landfill on the Jones Road and Transfer Station on Mellick Ave. The transfer station is open 7 days per week and closed on statutory holidays. Three rural garbage depots are located at Peterson Road, Austin Lake and Ritchie Road

All of the collected garbage is eventually transferred to Kenora Area Landfill and staff track and monitor the incoming tonnages for the purposes of projecting the remaining landfill life. It is expected that in approximately 17 years, the City will require the construction of a new landfill.

Household Hazardous Waste Program/Waste Electronics

During the summer months, the Solid Waste Department holds a Household Hazardous Waste Disposal Program every Thursday at the Transfer Station. The program also allows for the collection of electronic waste. These waste streams are collected at the end of the season by third party contractors for disposal. Hazardous waste also includes batteries, oils and paints. At the end of the season, materials are transported to handling facilities in Winnipeg and Thunder Bay. Approximately 38 tonnes of Hazardous and Electronic Waste were collected in 2022.

Industrial Waste (Weyerhaeuser)

Waste ash from the Weyerhaeuser mill is delivered to the Area Landfill and used for capping material. Approximately 2900 tonnes were processed in 2022. Hog fuel (Scrap wood and bark) totaling approximately 12000 tonnes was also received.

Monitoring for Environmental Compliance

The Solid Waste Department conducts routine sampling to measure ground water as part of the City’s environmental compliance obligations. The Tri-Lake Landfill on the East highway is included in the sampling program.

Curbside Collection

The Solid Waste Department collects garbage and recyclable materials with a fleet of 4 collection vehicles that complete the City’s routes on a weekly rotation. In 2022, a total of 982 tonnes of garbage was collected from residences and the depots.

Scrap Metals and Construction Waste

Scrap metal is collected and separated from the incoming material and temporarily stored for diversion to a metals recycling contractor. Construction waste is tracked separately from household garbage but is transferred alongside household garbage to the Area Landfill. In 2022, approximately 103 tonnes of metal were diverted out of the solid waste stream, and 9400 tonnes of Construction Waste was brought to the landfill.

Organic Waste/Green Compost

The Transfer Station and Landfill accept organic waste including wood chips from tree and brush maintenance. In 2022, approximately 412 tonnes of organic waste was collected and transferred to the area landfill. It is put to use as capping material.

Christmas Tree Recycling

Christmas trees can also be brought to the Transfer Station for recycling. They are collected and transported to the landfill for chipping and integration into the capping material.

Support Spring Clean Up Community Initiatives

The City provides garbage bags and pick up of garbage and recyclables for community clean up initiatives.

Solid Waste

Operations Budget	2022 Actual *	2023 Adopted Budget	2024 Draft Budget	2025 Projected	2026 Projected
Revenue					
Miscellaneous Revenue	\$5,196	\$5,500	\$10,600	\$10,600	\$10,600
User Charges	\$2,989,734	\$3,178,857	\$3,113,784	\$3,176,584	\$3,240,957
Total Revenue	\$2,994,930	\$3,184,357	\$3,124,384	\$3,187,184	\$3,251,557
Expense					
Operating Expense	\$945,978	\$1,110,922	\$1,300,858	\$1,232,842	\$1,283,646
Salaries Expense	\$1,181,495	\$1,329,376	\$1,434,533	\$1,440,585	\$1,445,056
Total Expense	\$2,127,473	\$2,440,298	\$2,735,391	\$2,673,427	\$2,728,702
Net Total	\$867,457	\$744,059	\$388,993	\$513,757	\$522,855

Subservice	2022 Actual	2023 Adopted Budget	2024 Draft Budget	2025 Projected	2026 Projected
Collections	\$255,662	\$231,968	\$102,439	\$113,112	\$95,640
Disposals	\$611,795	\$512,091	\$286,554	\$400,646	\$427,215
Net Total	\$867,457	\$744,059	\$388,993	\$513,757	\$522,855

Full-Time Equivalent Positions 16.3 16.3 16.3 16.3

* 2022 Actuals are Unaudited

Explanations of Changes from 2023 Adopted Budget to 2024 Draft Budget

1. Revenue	
Decrease in forecasted volume/sales based current trends	(\$59,973)
2. Expenses	
Increase in Salary and Benefits for the allocation of a portion of the General Manager salary previously budgeted in Engineering, increase for overtime, and general salary increases.	\$105,157
Increase in Fleet costs and Equipment usage	\$77,781
Increase in Materials and Supplies	\$47,100
Increase in Administration Support/Overhead (includes Customer Services, Communications, HR, Finance, and IT support)	\$43,303
Increase in Facility Repairs and Maintenance	\$16,000
Increase in Training and Travel & Conference	\$10,500
Decrease in Contracted Services - one time 2023 projects	(\$24,350)
Increase in Licenses and Insurance	\$2,472
Miscellaneous Adjustments	\$17,130
	<u>\$295,093</u>

2024 Draft Budget

Reserve Details - Solid Waste

Reserve Name: Solid Waste Reserve

Purpose:

The establishment of an adequate Solid Waste reserve ensures financial stabilization, the ability to manage potential risks, manage reserve fluctuations and is the primarily source of capital financing. The principle responsibility of the reserve is to ensure the future financial obligations the landfill closure are met along with financing the construction of a new site. The reserve is funded through solid waste user fees with operations surplus transferred to the reserve fund.

Fund Manager Director of Engineering and Infrastructure

Financial Projections	2021 Actuals	2022 Actuals *	2023 Forecast	2024 Draft Budget	2025 Proj Budget	2026 Proj Budget	2027 Proj Budget	2028 Proj Budget
Balance, beginning of year	3,076,127	3,354,724	3,480,436	3,064,495	2,683,488	3,062,245	3,185,100	3,418,802
Add:								
Surplus from Operations	777,295	867,457	744,059	388,993	513,757	522,855	475,202	475,202
	3,853,422	4,222,181	4,224,495	3,453,488	3,197,245	3,585,100	3,660,302	3,894,004
Deduct:								
Unusual Spend	25,907		-	-	-	-	-	
Capital	472,791	741,745	1,160,000	770,000	135,000	400,000	241,500	393,000
	498,698	741,745	1,160,000	770,000	135,000	400,000	241,500	393,000
Balance, December 31	3,354,724	3,480,436	3,064,495	2,683,488	3,062,245	3,185,100	3,418,802	3,501,004

Assumptions/Notes/Comments:

* 2022 actuals are unaudited

City of Kenora Funding Source with Capital Projects							
Funding Source	2024	2025	2026	2027	2028	2029-2033	Total
Solid Waste							
Z40003 400 Solid Waste Reserve							
448-001 Replacement Transfer Station 40yds Bins	45,000			50,000		50,000	145,000
450-001 New landfill consulting services	35,000						35,000
450-002 Purchasing a Grizzly screener for the landfill	25,000						25,000
453-01 Solid Waste Vehicles and Equipment	665,000	135,000	400,000	191,500	393,000	2,095,000	3,879,500
Total Z40003 400 Solid Waste Reserve	105,000	0	0	50,000	0	50,000	205,000
Total Solid Waste	105,000	0	0	50,000	0	50,000	205,000

Capital Project Summary of Changes
Adopted vs Forecast 2024 - 2028

	2023-2027	2024-2028	Change	2023-2027	2024-2028	Change	2023-2027	2024-2028	Change	2023-2027	2024-2028	Change	2024-2028
Capital Project	Adopted	Submission	to Capital	Adopted	Submission	to Capital	Adopted	Submission	to Capital	Adopted	Submission	to Capital	Submission
	2024	2024	2024	2025	2025	2025	2026	2026	2026	2027	2027	2027	2028
03 Solid Waste													
Solid Waste													
448 Transfer Facility													
24-448-001 Replacement Transfer Station 40yds Bins		45,000	(45,000)								50,000	(50,000)	
450 Jones Road Landfill													
24-450-001 New landfill consulting services		35,000	(35,000)										
24-450-002 Purchasing a Grizzly screener for the landfill		25,000	(25,000)										
453 SW Vehicles & Equip													
23-453-01 Solid Waste Vehicles and Equipment	127,000	665,000	(538,000)	600,000	135,000	465,000	400,000	400,000		190,000	191,500	(1,500)	393,000
Total Solid Waste	127,000	770,000	(643,000)	600,000	135,000	465,000	400,000	400,000		190,000	241,500	(51,500)	393,000



**City of Kenora
Capital Projects**

Project	24-448-001 Replacement Transfer Station 40yds Bins		
Department	Transfer Facility		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The Transfer Station uses 40yd bins to transport Construction and Demolition waste to the Landfill. 3 bins require replacement in each 2024, 2027 and 2030.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	145,000	45,000			50,000		50,000
Funding							
400							
400 Solid Waste Reserve	(145,000)	(45,000)			(50,000)		(50,000)
	(145,000)	(45,000)			(50,000)		(50,000)
Funding Total	(145,000)	(45,000)			(50,000)		(50,000)



**City of Kenora
Capital Projects**

Project	24-450-001 New landfill consulting services		
Department	Jones Road Landfill		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

The Kenora Area Landfill has an approximate remaining lifespan of 20 years. A New Landfill will require development to serve the region beyond this timeline. The new landfill will be an engineered landfill with a leachate collection system as well as a gas management system.

The City plans to engage a consultant in 2024 to develop an RFP for consulting services to support the application, approval, design and construction of the new landfill. The RFPs received through this process will support the budget development in future years.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	35,000	35,000					
Funding							
400							
400 Solid Waste Reserve	(35,000)	(35,000)					
	(35,000)	(35,000)					
Funding Total	(35,000)	(35,000)					



City of Kenora

Capital Projects

Project	24-450-002 Purchasing a Grizzly screener for the landfill	
Department	Jones Road Landfill	
Version	2024-2028	Year 2024

Description

PROJECT DESCRIPTION

The Kenora Area Landfill requires a Grizzly Screener which aids in the screening and removal of boulders from the cover material sourced from the on-site aggregate pit to ensure best fill and compaction.

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	25,000	25,000					
Funding							
400							
400 Solid Waste Reserve	(25,000)	(25,000)					
	(25,000)	(25,000)					
Funding Total	(25,000)	(25,000)					



**City of Kenora
Capital Projects**

Project	23-453-01 Solid Waste Vehicles and Equipment		
Department	SW Vehicles & Equip		
Version	2024-2028	Year	2024

Description

PROJECT DESCRIPTION

This allocated budget pertains to the vehicle fleet dedicated to supporting solid waste operations, spanning across the Transfer Station, Kenora Area Landfill, and Curbside/Community collection services. It's noteworthy that vehicles and equipment engaged in solid waste management consistently log substantial mileage and operational hours when compared with their counterparts in other departments. This heightened activity is attributed to the Landfill and Transfer Station's seven-day-a-week operations.

This volume of utilization eventually leads these vehicles reaching a critical juncture where the maintenance expenditures and reliability tilts unfavorably in comparison to the option of replacement.

2024 - Solid Waste - Landfill Packer
 2025 - Solid Waste - Two - Half Ton Pickup Trucks
 2026 - Solid Waste - Tandem Roll Off Truck
 2027 - Solid Waste - Co-Mingle Curbside Truck
 2028 - Solid Waste - Rubber Tire Loader

Budget

	Total	2024	2025	2026	2027	2028	2029-2033
Expenditures	3,879,500	665,000	135,000	400,000	191,500	393,000	2,095,000
Funding							
400							
400 Solid Waste Reserve	(3,879,500)	(665,000)	(135,000)	(400,000)	(191,500)	(393,000)	(2,095,000)
	(3,879,500)	(665,000)	(135,000)	(400,000)	(191,500)	(393,000)	(2,095,000)
Funding Total	(3,879,500)	(665,000)	(135,000)	(400,000)	(191,500)	(393,000)	(2,095,000)