Capital Projects By Year	2024	2024	2024	2025	2025	2026	2027	2028	
	Budget	Actuals	CarryForward	Budget	Forecast	Budget	Budget	Budget	
	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	Note
Accessibility Audit and Implementation	-	351	991	-	157	220	300	-	
Aquatic Centre	3,588	31,452	2,965	-	2,965	170	-	-	
Arbour Development Study	25	-	68	-	-	-	-	-	
Asset Management System Development and Implementation	430	433	701	-	316	126	-	-	
Budget Management	-	-	25	-	-	-	-	-	
Cemetery Expansion	-	-	-	-	-	323	-	-	
City Hall Retrofit	300	82	377	300	-	-	-	-	
Climate Action Plan	100	41	238	-	100	-	-	2,000	
Community Services Land Fund Projects	-	-	1,666	-	-	-	-	-	
Curling Club Upgrades	-	719	-	-	5	-	-	-	
Development & Building Permit System	-	-	56	-	56	-	-	-	
mergency Radio Infrastructure Renewal	450	-	450	-	450	-	-	-	
mergency Response Plan - Solid Waste Management	-	-	-	-	-	150	-	-	
iddler's Lake Treatment System	150	56	295	-	-	-	-	-	
ieldhouse Floor Cover	300	593	36	-	-	-	-	-	
ire Hall Equipment	58	75	51	77	100	58	58	58	
ire Hall Expansion/Renovation	4,449	329	8,214	2,309	22	-	-	-	
leet Management	2,097	1,223	4,437	2,314	6,751	2,703	2,789	1,055	
uel Tank Replacement - Community Arena and City Hall	-	-	-	100	75	1,215	-	-	
Great Slave Lake Monitoring Program	80	242	-	250	75	100	-	-	
lagel Cresent Park Development	-	-	-	-	-	270	-	-	
Housing Accelerator Fund (HAF)	-	84	-	1,740	202	1,657	1,634	-	
lydrogeological Study and Groundwater Analysis	-	-	-	-	-	41	101	-	
nformation Technology Infrastructure Renewal	440	253	187	295	482	560	440	360	
agoon Sludge Removal	2,800	73	7,735	-	-	-	-	-	
andfill Gas Assessment	-	-	-	-	-	50	25	-	
and Fund Capital Projects	2,200	32	4,869	-	1,500	-	500	500	
and Surveying (Commissioners)	-	-	600	-	-	-	-	-	
andfill Leachate Retention & Treatment	-	-	250	-	-	-	-	-	

Capital Projects By Year	2024	2024	2024	2025	2025	2026	2027	2028	
	Budget	Actuals	CarryForward	Budget	Forecast	Budget	Budget	Budget	
	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	Note
Lift Station #1 Replacement	500	313	3,576	15,900	15,900	12,900	19,724	2,600	
Multiplex Cooler Replacement	-	-	-	675	572	-	-	-	
New Landfill / Landfill Expansion	2,160	80	2,382	4,500	9,281	-	-	-	
Park Development	305	79	269	-	9	560	-	120	
Park Equipment Replacement	490	262	126	170	296	240	1,151	620	
Patching Program	338	381	110	349	459	370	400	430	
Paving Program	-	724	1,989	200	2,189	1,150	-	-	
Paving Program - ICIP	-	148	94	-	117	-	-	-	
Ruth Inch Memorial Pool Repurposing - Phase One	-	76	-	-	-	200	2,500	2,500	
Sampling Station Improvements	-	-	-	-	-	50	-	-	
Site Restoration/Landfill Closure	75	-	75	-	-	-	-	-	
nowblower	-	-	-	-	-	350	-	-	
Solid Waste Management Plan Implementation	50	-	50	-	-	-	-	-	
Stormwater Receiving Study	-	-	-	50	-	-	50	-	
Submarine Water Supply Line Replacement	-	107	2,400	-	75	-	-	1,000	
echnology Investments	-	-	-	-	-	1,500	1,500	1,500	
Tennis Court Resurfacing	-	-	-	-	-	200	100	-	
raffic Light Upgrades	70	59	32	80	112	1,935	-	-	
ransfer Station and Cell Access Improvement	-	-	99	-	-	-	-	-	
ransportation Plan	-	-	-	300	150	958	958	-	
Vater License - Solid Waste Management	150	277	-	225	67	-	-	-	
Nater & Sewer Replacement - Paving - ICIP	-	381	-	-	-	-	-	-	
Nater & Sewer Infrastructure Replacement	100	281	-	6,800	6,800	-	-	-	
Nater & Sewer Replacement - Paving	-	-	-	600	225	2,475	-	500	
Vater Treatment Plan Flocculant Study and Implementation	111	30	-	300	300	-	-	-	
Vebsite Modernization	-	-	-	-	72	-	-	-	
Veigh Out Station at the Solid Waste Facility	1,650	194	1,456	-	1,456	-	-	-	
Nildfire Preparation	-	-	-	-	-	740	807	807	
Nildfire Protection Equipment		-	-	-	-	250	-		
Total Capital Projects	23,466	39,430	46,869	37,534	51,336	31,521	33,037	14,050	



Capital Projects By Funding	2026	Formula	Canada Community-	Other	Community Public	ΙΤ	Mobile Equipment Replacement	User	Land
	Budget	Funding	Building Fund	Grants	Infrastructure	Reserve	Reserve	Fees	Fund
	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)
Accessibility Implementation	220	-	-	-	(220)	-	-	-	-
Aquatic Centre	170	(170)	-	-	-	-	-	-	-
Asset Management System Development and Implementation	126	-	-	-	(126)	-	-	-	-
Cemetery Expansion	323	-	-	-	(323)	-	-	-	-
Emergency Response Plan - Solid Waste Management	150	(150)	-	-	-	-	-	-	-
Fire Hall Equipment	58	-	-	-	(58)	-	-	-	-
Fleet Management	2,703	-	-	-	-	-	(2,703)	-	-
Fuel Tank Replacement - Community Arena and City Hall	1,215	-	-	-	(1,215)	-	-	-	-
Great Slave Lake Monitoring Program	100	-	-	-	-	-	-	(100)	-
Hagel Crescent Park Development	270	-	-	-	-	-	-	-	(270)
Housing Accelerator Fund (HAF)	1,657	-	-	(1,657)	-	-	-	-	-
Hydrogeological Study and Groundwater Analysis	41	-	-	-	-	-	-	(41)	-
Information Technology Infrastructure Renewal	560	-	-	-	-	(560)	-	-	-
Landfill Gas Assessment	50	-	(50)	-	-	-	-	-	-
Lift Station #1 Replacement	12,900	-	-	(9,675)	-	-	-	(3,225)	-
Park Development	560	-	-	-	(560)	-	-	-	-
Park Equipment Replacement	240	-	-	(80)	(160)	-	-	-	-
Patching Program	370	-	(370)	-	-	-	-	-	-
Paving Program	1,150	-	(1,150)	-	-	-	-	-	-
Ruth Inch Memorial Pool Repurposing - Phase One	200	-	-	-	(200)	-	-	-	-
Sampling Station Improvements	50	-	-	-	-	-	-	(50)	-
Snowblower	350	-	-	-	(350)	-	-	-	-
Technology Investments	1,500	(204)	-	-	(1,296)	-	-	-	-
Tennis Court Resurfacing	200	-	-	-	(200)	-	-	-	-
Traffic Light Upgrades	1,935	-	-	-	(1,935)	-	-	-	-
Transportation Plan	958	-	-	(718)	(240)	-	-	-	-
Water & Sewer Replacement - Paving	2,475	-	(1,938)	-	(537)	-	-	-	-
Wildfire Preparation	740	-	-	(740)	-	-	-	-	-
Wildfire Protection Equipment	250	(250)	-	-	-	-	-	-	-
Total Capital Projects	31,521	(774)	(3,508)	(12,870)	(7,420)	(560)	(2,703)	(3,416)	(270)

Department Project	Community Services Accessibility Implementation		Division	Parks
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	220,000	300,000	
	Funding			
	Community Public Infrastructure Funding	220,000	300,000	
	Total Funding	220,000	300,000	

Description

Purpose

The Accessibility Audit of the City's Facilities, Trails, Parks and Playgrounds identified key areas where barrier removal is required. A prioritized implementation strategy was developed and approved by Council, to ensure the City moves towards full accessibility in these key areas. The City continues to implement accessibility improvements.

Project Details

The Accessibility Audit findings, originally advanced by City Council in the 2017 Budget continues to be implemented. The scope included auditing the City's facilities and infrastructure, specifically the structural design of facilities as well as their functional usability based on accessibility needs of individuals with a wide range of challenges including mobility, visual, hearing, cognitive and sensory disabilities. The audit identified a number of projects for a variety of facilities that will assist Council in achieving their Community and Corporate Vision of an inclusive City and move towards a community that ensures a high quality of life for all, including future generations. The audit identified the need for approximately \$5,000,000 worth of work to be completed over a ten-year period to strategically remove barriers using a priority-based approach.

Plans for 2026 and 2027 include:

- Installing accessible parking pads, multipurpose courts, picnic tables and benches at a variety of parks;
- Developing accessible basketball courts and playgrounds with accessible amenities;
- Continue upgrading facility components such as accessible door openers, lighting and exit signs;
- Additional playgrounds with accessible amenities;
- Developing accessible wayfinding signage;
- · Adding accessible parking spaces and curbing; and
- Continuing the development of accessible paths, benches, and tables at playgrounds and parks.



Department Community Services Division Parks

Project Accessibility Implementation

The drivers for this project are to increase the City's level of service in an efficient way, possibly increase revenue due to additional user groups being able to use the areas, ensure that we are using the best practices for the industry for operation and accessibility compliance to reduce risk and increase community trust and reduce our health and safety and operational risks.

Operational Impact

City Facilities will become more accessible by improving functional usability for more residents. Incremental playgrounds, trails and pads will require ongoing repairs and maintenance.

Department Project	Corporate Services Asset Management System Development and Imp	plementation	Division	Asset Management & GIS	
		Budget			
		2026	2027	2028	
		\$	\$	\$	
	Expenditures	125,802			
	Funding				
	Community Public Infrastructure Funding	125,802			
	Total Funding	125,802			

Description

Purpose

To develop City-wide asset management best practices that help ensure the sustainable delivery of services through responsible management of the City's assets.

Project Details

Work is ongoing to collate asset information, develop asset management plans across all City assets and to enhance those completed with validated asset and non-asset strategies. This work will include conducting critical, valuation and condition assessments, update asset registry with new information, develop and implement service-based asset management plans, develop and implement an overall enterprise investment management framework, establish investments plans and develop and implement a customized competency framework.

Operational Impact

While additional operating resources will be required to implement and sustain more structured asset management practices, properly maintained and managed assets will contribute to overall lower life-cycle costs and longer-serving assets, resulting in efficiencies and cost savings.



Department Project	Community Services Aquatic Centre		Division	Facilities
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	170,000		
	Funding			
	Formula Funding	170,000		
	Total Funding	170,000		_

Description

Purpose

The Aquatic Centre requires chlorine safety equipment to ensure the safety of the public and residents through automatic shut off for all chlorine tanks in the facility.

Project Details

The Aquatic Centre opened to residents of Yellowknife in May 2025. New technology has been designed to improve the chlorine system, with an automatic shut off for chlorine tanks. This component will improve the safety of the public and residents. The components will also be beneficial for the environment as they reduce possible spill size. It will also improve safety in emergency situations by stopping the release for repair and troubleshooting to occur in a safer work environment.

Operational Impact

The chlorine safety equipment will deliver safety benefits moving forward in operations and maintenance work and replacement. Incremental operations and maintenance costs are not anticipated.

Department Project	Community Services Cemetery Expansion	Div	ision Pai	rks
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	323,000		
	Funding			
	Community Public Infrastructure Funding	323,000		
	Total Funding	323,000		

Description

Purpose

Expansion of the Lakeview Cemetery through development of new sections to accommodate an additional 200 burial plots.

Project Details

The Lakeview Cemetery is nearing capacity for burials, requiring additional sections to be developed. The cemetery will be expanded beginning inside the fenced area, ultimately expanding outside of the current enclosure. The expansion will include a new access road, fencing, landscaping and watering option. The expansion looks to add 200 plots to meet demand for burials. The existing plots are reaching capacity, and many have been pre-purchased for future use.

Preparing identified areas for expansion will allow the City to expand the current cemetery in a logical and efficient manner. It is expected the expansion will address the needs for burial plots for eight years.

Operational Impact

Expansion of the existing cemetery anticipates some increases in operations and maintenance costs.



Department Project	Public Works & Engineering Emergency Response Plan - Solid Waste N	Management (Division	Solid Waste
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	150,000		
	Funding			
	Formula Funding	150,000		
	Total Funding	150,000		
		Description		

To prepare an Emergency Response Plan for the Solid Waste Facility required under the water license.

Project Details

Purpose

An Emergency Response Plan for the Solid Waste Facility will be prepared to include safety procedures and recommendations on best practices and future investments required to ensure any emergency at the Solid Waste Facility is efficiently addressed. Plan will include consultation on-site work for analysis and update of the existing 2007 Emergency Response Plan. Work also includes assessment of high risk and high likelihood scenarios and response procedures, as well as recommendations on future capital and operational investments to prevent and respond to landfill fires.

Operational Impact

Potential operating costs will be linked to the project's proposed recommendations, including employee training and specialized equipment requirements.

Department Project	Public Safety Fire Hall Equipment		Division	Fire
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	58,000	58,000	58,000
	Funding			
	Community Public Infrastructure Funding	58,000	58,000	58,000
	Total Funding	58,000	58,000	58,000

Description

Purpose

To maintain the preparedness and response capacity for an all hazards approach to meet the Council approved level of service, key functional and reliable equipment is required to protect the safety of our residents and staff. Stewardship of physical resources is a core principle of public safety.

Project Details

Equipment for emergency services is maintained and replaced based on best practices for ownership and recommended manufacturer replacement time frames.

In 2026, the Fire Division equipment asset and equipment replacement schedule includes the replacement of pneumatic airbags for rescue, and the start of the group replacement of semi-automated external defibrillators (AED). Yellowknife Fire Division (YKFD) provides a council approved level of service for emergency medical services (EMS) to the basic life support service level. EMS implements semi-automatic external defibrillation (AED) by primary care paramedics in the delivery of critical lifesaving interventions. These devices are designed to analyze the heart and provide an electrical stimulus (shock) to the heart during cardiac arrest, and/or provide cardiac monitoring in conjunction with symptom relief drug administration.

Operational Impact

No changes to operating costs or cost of ownership anticipated through the replacement of the semi-automated external defibrillator equipment.



Department Project	Public Works & Engineering Fleet Management		Division	City Garage
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	2,703,149	2,789,306	1,054,990
	Funding			
	Reserves	2,703,149	2,789,306	1,054,990
	Total Funding	2,703,149	2,789,306	1,054,990
_		Description		

Purpose

To continue replacing and redeploying fleet units according to the City of Yellowknife's Fleet Management practices.

Project Details

The reliability of the City's fleet equipment must be maintained to meet the service levels required. The City has a fleet of 128 pieces of heavy-duty and mobile equipment that support Fire and Ambulance, Road Maintenance, Water and Sewer Maintenance, Solid Waste, Parks, Arenas and Administrative functions, as well as 26 stationary engines for emergency power generation and fire pumping capacity. The current replacement value of the City's fleet is \$25.8 million.

Fleet management practices allow the City to maximize life cycle and properly budget and plan the replacement of all fleet vehicles on a regular basis. These policies and practices help to mitigate risk and repair costs associated with aged vehicles. As vehicles and equipment get older, the operation and maintenance costs of those vehicles increase, with limited resources available for maintenance and repairs. These vehicles should be replaced on a scheduled basis to reduce downtime due to repairs or failures, which could negatively affect the delivery of City services such as snow removal or water/sewer repairs.

Fleet Management practices allow the City to properly budget and plan the replacement of all fleet vehicles on a regular basis. These policies and practices help to mitigate risk and repair costs associated with aged vehicles. As vehicles and equipment get older, the operation and maintenance costs of those vehicles increase, with limited resources available for maintenance and repairs. These vehicles should be replaced on a scheduled basis to reduce downtime due to repairs or failures, which could negatively affect the delivery of City services such as snow removal or water and sewer repairs.

Operational Impact

The Fleet Management practices identify older equipment requiring high levels of operations and maintenance and prioritize replacement. Overseeing the condition, lifespan and usage of equipment in the fleet is key to mitigating risk and repair costs.

Department Project	Community Ser Fuel Tank Repla	vices acement – Community Arer	na and City Hall	Division	Facilities
			Budget		
			2026	2027	2028
			\$	\$	\$
	Expenditures		1,215,000		
	Funding				
	Reserves		1,215,000		
		Total Funding	1,215,000		

Description

Purpose

The removal and replacement of underground fuel tanks at the Community Arena and City Hall.

Project Details

The engineering and environmental assessment completed in 2025 determined the underground fuel tanks at the Community Arena and City Hall required removal and replacement. Replacement of the fuel tanks will be completed in summer construction season to ensure all heating requirements for the facilities are not impacted.

Operational Impact

The replacement of the fuel tanks will not impact the operations and maintenance expenditures.



Department Project	Public Works & Engineering Great Slave Lake Monitoring Program		Division	Environmental	& Regulatory
		Budget			
		2026	2027	2028	
		\$	\$	\$	_
	Expenditures	100,000			- -
	Funding				
	User Fees	100,000			_
	Total Funding	100,000			_
	•	· · · · · · · · · · · · · · · · · · ·			=

Description

Purpose

The City's water license requires numerous studies and plans to be completed prior to the expiry of the licence in 2037.

Project Details

The Great Slave Lake Monitoring Program consists of three main activities:

- 1. Investigation of the effluent plume extents in Great Slave Lake,
- 2. Design of the Monitoring Plan, and
- 3. Implementation of the Monitoring Plan and Reporting.

The City is currently completing the first activity, investigation of the effluent plume, in order to determine how best to meet the requirements of the Great Slave Lake Monitoring Program Design Plan. This is a multi-year project requiring a significant amount of data and studies to meet the requirements of the City's water licence.

Operational Impact

The operational impact is currently unknown and will depend heavily on the recommendations outlined in the program study. These recommendations may include additional equipment, additional sampling requirements, and increased in annual operating costs.

Department Project	Community Services Hagel Crescent Park Development		Division	Parks
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	270,000		
	Funding			
	Land Development Fund	270,000		
	Total Funding	270,000		

Description

Purpose

To design and install an outdoor playground in the Niven Lake, Hagel Crescent new development.

Project Details

Project includes groundwork, design and installation of a new playground including safety surfacing on Hagel Crescent. The new playground is added as part of the development plan for the community. The playground will have an anticipated lifespan of 20 years and will be funded through the Land Fund as committed to in development plans for the area.

Operational Impact

Operations and maintenance impacts will include ground maintenance, garbage pickup and ongoing upkeep.



Department Project	Planning & Development Housing Accelerator Fund (HAF)		Division	Planning & Envir	onment (HAF)
		Budget			
		2026	2027	2028	
		\$	\$	\$	
	Expenditures				
	Infill	277,355	273,473		
	Density	142,122	140,204		
	Disposal	337,841	333,274		
	Development Process	543,069	535,728	_	
	Development Incentives and Disincentives	173,675	171,329	_	
	Parking Revision	94,748	93,469	_	
	Affordable Housing	88,190	87,000		
	Total Expenditures	1,657,000	1,634,477		
	Funding				
	Other Grants	1,657,000	1,634,477		
	Total Funding	1,657,000	1,634,477		

Description

Purpose

The City of Yellowknife was successful in securing Federal funding through Canada Mortgage and Housing Corporation to fund the development of affordable, inclusive, equitable and climate-resilient housing. The Housing Accelerator Fund (HAF) includes incentive funding, provided to assist the City in removing barriers and to encourage local initiatives to build more homes faster.

Incentive funding is to be used for prescribed uses, which fall under 4 categories:

- 1. Investments in Housing Accelerator Fund Action Plans
- 2. Investments in Affordable Housing
- 3. Investments in Housing-Related Infrastructure
- 4. Investments in Community-Related Infrastructure that Supports Housing

Project Housing Accelerator Fund (HAF)

Project Details

An Action Plan was submitted by the City of Yellowknife and forms the basis of the programs to be completed from December 2023 to December 2027. The programs include the following and are required as outlined in the Agreement:

- Housing Needs Assessment
- Infill (Infill Development Promotion and Engagement)
- Density (Allowing increased housing density units, height)
- Disposal (of City Owned Land Assets)
- Development Process (Implementing a streamlined development process)
- Development Incentives and Disincentives
- Revised Parking Requirements

Additional items approved, however not specifically funded under Housing Accelerator Fund:

- Infrastructure Planning
- Climate Mitigation and Adaptation

The Planning and Development Department will dedicate priority to these items over the next four years. The City of Yellowknife land development areas that fall within the scope of infill and density include: Burwash Drive and Con Road, School Draw Avenue, Niven Drive, Taylor Road, Gitzel Road and Niven Phase 8.

Operational Impact

Agreement signed in December 2023 for expenditures and funding to 2027.



Department Project	Public Works & Engineering Hydrogeological Study and Groundwater	Analysis	Division	Environmental	& Regulatory
		Budget			
		2026	2027	2028	
		\$	\$	\$	
	Expenditures	41,000	101,000		
	Funding				
	Canada Community-Building Fund		101,000		
	User Fees	41,000			
	Total Funding	41,000	101,000		

Description

Purpose

The City's water license requires a Groundwater Monitoring Plan for the Solid Waste Facility by May 1, 2027.

Project Details

The project includes completion of a hydrogeological study of the existing and planned extend of the Solid Waste Disposal Facility and completion of a groundwater trend analysis report. The study and analysis will require extensive annual sampling and analysis of the results. The findings from these projects will update the Groundwater Monitoring Plan moving forward to adhere to the water license requirements.

Operational Impact

The project will have ongoing operational expenses to adhere to the water license requirements.

Department ProjectCorporate Services Information Technology Infrastructure Re	enewal	Division	Information Techr
	Budget		
	2026	2027	2028
	\$	\$	\$
Expenditures	560,000	440,000	360,000
Funding			
Reserves	560,000	440,000	360,000
Total Funding	560,000	440,000	360,000

Description

Purpose

To support the City of Yellowknife's ongoing, phased investment in information technology infrastructure, ensuring reliable service delivery while optimizing the lifespan and value of each component.

Project Details

Supporting the renewal of the City's information technology infrastructure, this project enables ongoing, strategic investment across four essential categories: servers and storage, network systems, printers and multi-function devices, and client hardware.

As the City's operations increasingly depend on digital services - from emergency dispatch and elections to transit systems and environmental monitoring - modernizing physical and virtual server infrastructure is crucial. The City's virtualization strategy has been effective in reducing hardware costs and increasing flexibility, but ongoing replacement and upgrades are necessary to meet growing demands for memory, storage, and application performance. Investing in these areas ensures the continuity and reliability of critical services while allowing for future scalability.

Equally important is the City's investment in its communications and connectivity network, which supports everything from workstations and traffic lights to supervisory control and data acquisition systems and emergency voice radios. Incremental upgrades to network hardware and security systems are vital to reducing outages, safeguarding corporate data, and keeping up with expanding operational demands. These enhancements also lead to cost savings, such as reduced reliance on third-party fiber networks and improved cyber resilience through advanced firewalls, spam filters, and staff training. Complementing this, a structured approach to managing printers and client hardware ensures cost-efficiency, consistency, and readiness for newer technologies like Windows 11 and M365, while supporting a growing and increasing mobile workforce.

Operational Impact

The renewal of the City's information technology infrastructure is critical to maintaining uninterrupted service delivery and operational efficiency. When components such as servers, storage, network equipment, printers, and client hardware fail or under-perform, they directly impact staff productivity and the City's ability to deliver timely and reliable services. Proactive and planned investments help prevent costly outages, reduce the need for emergency repairs, and ensure sufficient capacity to meet growing demands.



DepartmentCorporate ServicesDivisionInformation Technology

Project Information Technology Infrastructure Renewal

Without timely upgrades, the City risks increased system failures, reduced performance, higher support costs, and potential impacts on public health and safety. Maintaining infrastructure through scheduled replacements also supports legislative compliance, data security, and disaster recovery readiness, while maximizing service uptime across all departments.

Department Project	Public Works & Engineering Landfill Gas Assessment		Division	Environmental	& Regulatory
		Budget			
		2026	2027	2028	
		\$	\$	\$	
	Expenditures	50,000	25,000		.
	Funding				
	Canada Community-Building Fund	50,000	25,000		_
	Total Funding	50,000	25,000		<u>-</u>
		Description	1		
Purpose					

To undergo a Landfill Gas Assessment at the Solid Waste Facility required under the water license.

Project Details

A Landfill Gas Assessment will be undertaken to analyze, sample and report on findings of landfill gases at the Solid Waste Facility. Findings will be used to form recommendations incorporated into the Solid Waste Facility design, operations and closure plans including relevant timelines and procedures. The Landfill Gas Assessment will be undertaken over multiple years to follow industry standards and meet the requirements of the water license.

Operational Impact

The results of the Landfill Gas Assessment is likely to cause an increase in operational budget and monitoring requirements during and post closure of areas of the landfill.



Water & Sewer

Project	Lift Station #1 Replacement			
		Budget		
		2026	2027	2028
	Evnandituras	\$ 12,900,000	\$ 19,724,000	\$ 2,600,000
	Expenditures	12,900,000	19,724,000	2,600,000
	Funding			
	Other Grants	9,675,000	16,635,000	1,950,000
	Community Public Infrastructure Funding			650,000
	User Fees	3,225,000	3,089,000	
	Total Funding	12,900,000	19,724,000	2,600,000

Division

Description

Purpose

To continue the multi-year construction of the new lift station on the corner of Franklin Avenue and School Draw Avenue to replace existing Lift Station #1.

Project Details

Lift Station #1 (LS1), constructed in 1967, is the oldest of 14 lift stations in the City of Yellowknife (City). The lift station is located near the intersection of School Draw Avenue and Franklin Avenue. The station's catchment area in 1967 consisted of the downtown area and areas east of downtown. Lift Station #7 (LS7) was constructed in 1984 to serve the downtown area, thereby reducing the catchment area for LS1 to the areas east of downtown. LS1 also receives septage hauling from Old Town, Latham Island, and N'Dilo. The station originally pumped to a lagoon at Niven Lake but was redirected in 1981 to discharge into the gravity collection system for Lift Station 5 (LS5) through a common forcemain with LS7.

The existing lift station has exceeded its useful life and will not sustain increased demand from multi-residential developments in the catchment area.

The three main components of the project include:

Department Public Works & Engineering

- 1. Construction of a new Lift Station #1 while maintaining function of the existing lift station
- 2. Replacement of a section of forcemain between the new lift station and 44 Street along Franklin Avenue
- 3. Demolition of existing Lift Station #1 once commissioning of the new lift station is complete

Construction of the new Lift Station #1 commenced in 2025 and is scheduled for completion in 2028. Funding was secured in 2025 under the Canada Housing Infrastructure Fund (CHIF) at 75% of the total anticipated project cost.

Project Lift Station #1 Replacement

Operational Impact

Changes to operating costs are anticipated, however, will evolve from project design components and finalized facility where modernization and efficiencies may be realized. Expectation is that operating costs will be similar to the existing facility.



Department Project	Community Services Park Development		Division	Parks
	Bu	ıdget		
		2026	2027	2028
	<u>_</u>	\$	\$	\$
	Expenditures	560,000		120,000
	Funding			
	Community Public Infrastructure Funding	560,000		120,000
	Total Funding	560,000		120,000

Description

Purpose

Outdoor recreation projects will see the installation of equipment and materials to ensure that the City's parks are maintained to a high standard of safety, demonstrate effective and efficient use of resources and provide the community with a variety of activities to promote and enhance a healthy and active lifestyle.

Project Details

Engineering and construction to replace the Pilot's Monument stairs to ensure safety and compliance with the National Building Code 2020. A portion of the stairs were damaged in 2025 resulting in several portions of the stairs requiring full replacement.

Operational Impact

No impacts to operations and maintenance expenditures anticipated.

Department Project	Community Services Park Equipment Replacement		Division	Parks
	Bu	dget		
		2026	2027	2028
	_	\$	\$	\$
	Expenditures	240,000	1,151,000	620,000
	Funding			
	Other Grants	80,000	80,000	80,000
	Community Public Infrastructure Funding	160,000	1,071,000	540,000
	Total Funding	240,000	1,151,000	620,000

Description

Purpose

Ongoing refurbishment and replacement of amenities in the City's playgrounds and parks. Playground equipment is upgraded on a rotational schedule, while features such as asphalt pads and surfaces are replaced as they show signs of wear and deterioration. This proactive approach ensures that public spaces remain safe, functional, and trustworthy, supporting responsible asset management and maintaining public confidence.

Project Details

The City of Yellowknife follows a rotational plan to replace aging playgrounds to ensure equipment continues to meet current safety standards and remains enjoyable for community use. Playgrounds are typically replaced on a 20-year life cycle with modern, safe, and engaging apparatus. Neighbourhood consultation is conducted to ensure the replacement reflects the unique needs of the surrounding community. In 2026, the City proposes to replace the Latham Island Park playground. To support high accessibility standards, the new playground will feature a soft-fall rubber tile surface, consistent with other accessible surfaces used across the City. This ongoing investment in outdoor recreation infrastructure supports the City's commitment to strategic asset management, optimizing function, safety, and community service.

Operational Impact

Playgrounds undergo an extensive inspection process as per the Canadian Playground Safety Institute Program. Replacement of existing outdoor recreation infrastructure will not increase operations and maintenance expenditures.



Department Project	Public Works & Engineering Patching Program		Division	Roads & Sidew
		Budget		
		2026	2027	2028
	_	\$	\$	\$
	Expenditures	370,000	400,000	430,000
	Funding			
	Canada Community-Building Fund	370,000	400,000	430,000
	Total Funding	370,000	400,000	430,000

Description

Purpose

To maintain serviceability standards of city streets and sidewalks.

Project Details

The annual patching program identifies and repairs sections of road and sidewalks to extend the life expectancy of the street and ensure it maintains adequate serviceability standards. Often the serviceability and life expectancy of a street can be greatly improved by fixing small, localized issues as they arise and before they become problematic.

Work completed under the annual patching program includes:

- Pavement Patching
- Curb and Sidewalk Replacement
- Asphalt Overlays
- Catch Basin and Manhole Adjustments

Operational Impact

Repairing sections of road and sidewalks reduces ongoing operational maintenance costs.

	Division	Roads & Sidewa
Budget		
2026	2027	2028
\$	\$	\$
1,150,000		
Fund 1,150,000		
1,150,000		
	2026 \$ 1,150,000 Fund 1,150,000	Budget 2026 2027 \$ \$ 1,150,000

Description

Purpose

To repair or replace asphalt, concrete and other appurtenances on city streets as required, including storm water infrastructure. This project also installs concrete, asphalt and landscaping (if specified) on newly developed streets in the city.

Project Details

The typical design life of pavement is generally between 20 and 25 years, but it will vary significantly due to factors such as traffic volumes, vehicle types, geotechnical conditions, construction practices, and adequate maintenance.

The construction of new roads generally coincides with the development of new subdivisions. Otherwise, a road is scheduled for reconstruction when it is in poor condition and may be a danger to the public, or when maintenance and repairs are no longer cost-effective.

Considerations when determining areas of reconstruction include:

- Condition and age of asset,
- Recurring maintenance costs,
- Priority level of roadway,
- Number of impacted residents, and
- Underground infrastructure requirements.

The Paving Program is moving to an alternating schedule with water and sewer infrastructure replacement occurring one year and paving activities the next. The paving projects for 2026 include the Gitzel Street and Matonabee Street Alley including stormwater infrastructure installation by the new Avens Pavillion and paving the remaining gravel area of the Somba K'e Parking Lot.

Operational Impact

Aging infrastructure has an operational cost of between two and four percent of replacement costs. Replacing this infrastructure will allow the department to focus operational and maintenance activities on other roads, sidewalks and storm water appurtenances in the city.



Department Project	Community Services Ruth Inch Memorial Pool Repurposing - Phase One	•	Division	Facilities
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	200,000	2,500,000	2,500,000
	Funding			
	Community Public Infrastructure Funding	200,000	2,500,000	2,500,000
	Total Funding	200,000	2,500,000	2,500,000

Description

Purpose

The initial planning, engagement and design work for the repurposing of the Ruth Inch Memorial Pool as a City Facility with a new use. The process will start with community engagement and an assessment of the possible future uses of the facility. The report will include the identification of options for future use of the facility, renderings, construction and future operations and maintenance cost estimates.

Project Details

The Ruth Inch Memorial Pool ceased operations in 2025 with the introduction of the Aquatic Centre. In preparation for the feasibility of future use of the facility Administration undertook a Building Condition Assessment in 2024. The Assessment indicated that structurally the building is sound and will tolerate upgrades that will ensure the facility meets current building standards for energy retrofits and accessibility. The Condition Assessment identified that the mechanical and electrical systems will require substantial upgrades to move away from pool operations to the other yet-to-be determined use.

Capital funding has been identified in future years assuming that the facility will be re-purposed rather than demolished. Demolition costs have not been contemplated.

Operational Impact

Impacts to future operations and maintenance expenditures will be determined upon identification of the design and repurposing work. Basic utilities have remained in place to ensure the facility is maintained for future use.

DepartmentPublic Works & EngineeringProjectSampling Station Improvements		Division	Environmenta	al & Regulatory
	Budget			
	2026	2027	2028	
	\$	\$	\$	_
Expenditures	50,000			_
Funding				
User Fees	50,000			
Total Funding	50,000			_

Description

Purpose

The City's water license requires extensive sampling including weekly sampling in remote areas.

Project Details

The City's water license requires extensive sampling including weekly sampling in remote areas accessible only by helicopter. This project will include the construction of safe access to the water's edge at Surveillance Network Point (SNP) Station F3. Sampling at Surveillance Network Point Station F3 requires the helicopter to land on a bedrock outcrop and employees traverse a steep, uneven, rocky terrain to access the location. Employees are required to carry multiple pieces of heavy equipment. It is anticipated that this project will include the construction of multiple staircases and platforms to ensure the safety of staff.

Operational Impact

The operational impact is to help ensure safety of City staff during the required environmental sampling.



Department ProjectPublic Works & Engineering Snowblower			Division	Roads & Sidev
	Budget			
		2026	2027	2028
		\$	\$	\$
Expenditures	38	50,000		
Funding				
Community Public Infra	structure Funding 35	50,000		
Total Funding	35	50,000		

Description

Purpose

Acquisition of a loader-mounted snowblower attachment to improve snow removal efficiencies.

Project Details

The City currently relies on snow removal through windrowing snow to the middle of City streets and placing snow into trucks using front end loaders. The acquisition of a snowblower would make snow clearing more efficient by gathering and expelling snow through a telescopic discharge chute into nearby trucks for removal. The intention for the attachment is to be utilized downtown and across the City. With climate change impacts, it has been challenging for the City to quickly clear all roads and public areas after heavy snowfall. Having an industrial snowblower attachment will allow the City to better serve residents.

The snowblower is proposed as part of the Downtown Services Enhancement Initiative to address concerns over downtown services.

Operational Impact

The operational impacts are anticipated to be nominal as an addition of an attachment to the fleet.

Department Project	Corporate Services Technology Investments		Division	Information Ted	chnol
	В	udget			
		2026	2027	2028	
	_	\$	\$	\$	
	Expenditures	1,500,000	1,500,000	1,500,000	•
	Funding				
	Formula Funding	204,177	1,500,000		
	Community Public Infrastructure Funding	1,295,823		1,500,000	
	Total Funding	1,500,000	1,500,000	1,500,000	•

Description

Purpose

Implement Technology Investments as recommended in the City's IT Roadmap.

Project Details

The City finalized its Information Technology (IT) Roadmap in October 2025. The roadmap sets the future vision for technology over the next five years. Our technology vision articulates the future of technology for the City, and our technology principles are statements that help establish and guide fundamental behaviours in alignment with our technology vision. They are meant to enable decision-making as progress is made through various activities and initiatives.

Investing in technology will allow the City to improve efficiency and cost savings, enhance citizen engagement and services. Having current technology will help automate routine tasks, streamline operations, and make data-driven decisions. This will in turn free up resources and reduce operational costs. It will also provide better tools for citizen communication and service delivery, such as online portals and real-time communication channels like the 3-1-1 system.

Operational Impact

Operational impacts will evolve from the technology implemented.



DepartmentCommunity ServicesProjectTennis Court Resurfacing		Division	Parks
	Budget		
	2026	2027	2028
	\$	\$	\$
Expenditures	200,000	100,000	
Funding			
Community Public Infrastructure Fundir	ng 200,000	100,000	
Total Funding	200,000	100,000	

Description

Purpose

Resurfacing of the McNiven and Somba K'e Tennis Courts.

Project Details

Resurfacing of the McNiven and Somba K'e Tennis Courts to repair aged, cracking and peeling areas that are unusable. Improvements to the Somba K'e Tennis Courts will include increased surface area and repainting of court lines which will expand the use of the court to pickleball enthusiasts.

Deteriorating as they age, the courts pose safety and capacity issues if they cannot be used. Repairing the existing infrastructure will extend the useful life of the outdoor sport facilities.

Operational Impact

Improved surface conditions will reduce the need for future repairs.

Department Project	Public Works & Engineering Traffic Light Upgrades		Division	Roads & Sidew	alks
	Ві	ıdget			
		2026	2027	2028	
		\$	\$	\$	
	Expenditures	1,935,000			
	Funding				
	Community Public Infrastructure Funding	1,935,000			
	Total Funding	1,935,000			

Description

Purpose

To improve traffic lights and signalized crosswalks to make intersections safer for vehicular and pedestrian traffic.

Project Details

There are 19 intersections that rely on traffic lights for reliable vehicular flow, and 10 signalized crosswalks that provide safer pedestrian crossings. With the completion of the installation of traffic cameras at all signalized intersections in 2024, this project will look at additional upgrades to traffic lights and signalized crosswalks to ensure acceptable performance levels.

Projects for 2026 Include:

- Traffic signal modernization including detection cameras, new controllers, software implementation and upgrades to communication equipment
- Internal radio network hardware replacement for traffic lights and supervisory control and data acquisition
- Replacement of the signalized crosswalk at the intersection of Dagenais Drive and Range Lake Road

Operational Impact

Completing upgrades to traffic lights and signalized pedestrian crosswalks on a schedule that aligns with asset management principles will ensure that repairs are being done in a proactive manner.



Department Project	Public Works & Engineering Transportation Plan		Division	Directorate & E	Engineering
	В	udget			
		2026	2027	2028	
	<u>-</u>	\$	\$	\$	_
	Expenditures	957,500	957,500		_
	Funding				
	Formula Funding		239,375		
	Other Grants	718,125	718,125		
	Community Public Infrastructure Funding	239,375			
	Total Funding	957,500	957,500		-
	-				_

Description

Purpose

To implement transportation plan findings incorporating and addressing other municipal strategies including the Community Plan.

Project Details

The City of Yellowknife has undertaken a Transportation Plan in 2025 and anticipate delivering on the finding over multi-year projects. The plan initiated will inform future development and focus strategic capital investments.

The City's Transportation Plan considers the following:

- active transportation improvements and future planning of active transportation infrastructure
- on-going research into public transit improvements
- traffic light modernization and optimization
- traffic calming methods for various areas of the City
- revision of City Standards to incorporate improvements to existing standards

The City applied for the Government of Canada's Active Transportation Fund under Council direction in January 2025 to fund future investment in active transportation infrastructure. Development of safe and accessible multi-modal transportation, reduced climate impacts and provide for long-term investment. The City has identified many infrastructure needs including equipment to maintain paths in winter, the extension of the Frame Lake Trail and safe and separated bike lanes on Franklin Avenue to Old Town and on downtown and connecting arterial routes. Funding received under the Active Transportation Fund will fund future active transportation infrastructure.

Operational Impact

Implementing the findings of the 2025 transportation plan will require a capital investment from the City. The funding applied for under the Active Transportation Fund would cover up to 75% of eligible expenditures.

Department Project	Public Works & Engineering Water & Sewer Replacement - Paving		Division	Water & Sewer
	Bu	ıdget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	2,475,000		500,000
	Funding			
	Canada Community-Building Fund	1,937,800		500,000
	Community Public Infrastructure Funding	537,200		
	Total Funding	2,475,000		500,000

Description

Purpose

To replace asphalt, concrete and other appurtenances on city streets following upgrades to underground water, sewer and storm infrastructure.

Project Details

This project restores streets following water and sewer infrastructure upgrades. As part of this work, an evaluation of the street is done against current City Standards to determine if upgrades, such as addition of curb and gutter, sidewalk, or multi-use trail, are appropriate.

This work coincides with work completed under the Annual Paving Program to best utilize consultants and contractors.

In 2025, the City upgraded and replaced water, sewer and storm services on Mandeville Drive and 49A, 42 Street and 41 Street Area. These neighbourhoods were left gravel roads following the water and sewer work. The water and sewer paving program will reinstate the roadway infrastructure including asphalt, curbs and sidewalks (where applicable).

Operational Impact

Restoration of roadways following water and sewer upgrades provides improved roadways and allows the department to focus operational and maintenance activities on other roadways.



Department Project	Public Safety Wildfire Preparation		Division	Emergency Prepared
		Budget		
		2026	2027	2028
		\$	\$	\$
	Expenditures	740,000	807,000	807,000
	Funding			
	Other Grants	740,000	807,000	807,000
	Total Funding	740,000	807,000	807,000

Description

Purpose

To address wildfire risk within and surrounding Yellowknife using targeted funding supporting mitigation through vegetation/fuel reduction.

Project Details

In January 2025, an update to the Yellowknife Community Wildfire Protection Plan (CWPP) was completed for the City. The City has been authorized by Council to enter into an agreement with Northwest Territories Association of Communities to receive the City's allocation of the federal Disaster Mitigation and Adaptation Fund (DMAF).

The City has proposed to focus their DMAF funds on municipal land parcels owned by the City as other parcels of federal and territorial lands will be addressed by government agencies separate from DMAF funds. This narrows down the total area being considered for DMAF fuel treatments to 221 hectares, which is still more area than is expected to be covered with the City's DMAF allocation. The City will focus on fuel mitigation within municipal parcels starting with Priority A areas first based on higher relative risk, then move onto treating Priority B areas until the DMAF grant is fully utilized.

Operational Impact

The project is anticipated to have some ongoing operating and maintenance costs.

Department Project	Public Safety Wildfire Protection Equipment		Division	Emergency Pre	paredness
		Budget			
		2026	2027	2028	
		\$	\$	\$	
	Expenditures	250,000			
	Funding				
	Formula Funding	250,000			
	Total Funding	250,000			

Description

Purpose

To advance recommendations under the 2025 City of Yellowknife Community Wildfire Protection Plan (CWPP), Recommendation 9 to design and purchase value protection units providing adequate equipment for initial response to wildland and urban interface fire.

Project Details

Value protection units containing wildfire protection equipment (portable pumps, hose, sprinklers, fitting, and tools) to protect structures from advancing wildfires have been shown to be successful in reducing losses in communities.

From the CWPP, based on industry expertise, it is identified City of Yellowknife would benefit from having one or more Value Protection Units, providing the City with adequate value protection equipment for an initial response on a wildland/urban interface fire.

The important feature is that the wildfire protection equipment can be divided up and deployed to different identified interface priority areas at the same time. Staff can retrieve the required equipment and deploy in the area accordingly. This means the equipment needed is configured when and where it is needed to maximize wildfire protection efforts.

Operational Impact

Equipment lifespan is impacted by frequency and complexity of deployment. Post deployment and annual testing/condition assessments will inform replacement requirements.

