



Special Council Meeting

Jubilee Centre Council Chamber
9909 Franklin Avenue, Fort McMurray, AB T9H 2K4

Thursday, December 14, 2023
9:00 AM

Agenda

Please note:

- The Budget Meetings will start at 9:00 a.m. daily from December 11 to 14, 2023 and residents can listen to the live stream at www.rmwb.ca/Council.
- Members of the public will have the opportunity to speak to the Operating Budget and the Capital Budget during a 30-minute public delegation session at the beginning of each of those budget meetings.
- Designated breaks will occur each day at approximately 10:30 a.m.; 12 noon to 1:00 p.m. and 3:00 p.m.

1. Call to Order

2. 2024 Capital Budget Presentations

- 2024 Capital Budget Introduction from Administration.
- Registered Delegations

Members of the public will have the opportunity to speak to the Capital Budget during this public delegation session. Pre-registration is required.

- Individual presentations from Administration followed by questions.
- Should Council wish to make any changes to Departmental Capital Budgets, motions can be brought forward following conclusion of the presentation and questions for debate and voting prior to moving forward to the next Department.

- 2.1. Financial Services
- 2.2. Public Works
 - 2.2.1 Transportation and Facilities
 - 2.2.2 Parks, Roads, Rural and Fort Chipewyan
- 2.3. Engineering
 - 2.3.1 Department and Rural Water and Sewer Servicing
 - 2.3.2 Flood Mitigation
- 2.4. Environmental Services
- 2.5. Regional Emergency Services

3. Capital Project Defunding

This includes discussion on the Fort McKay Métis Nation Capital Funding Reimbursement Request, which was deferred from the November 14, 2023, Council Meeting.

THAT the Capital Projects as shown on Attachment 1 be defunded, closed or denied as summarized.

RECESS (Approximately one hour)

4. Budget Approval – 2024 Budget, 2025 – 2026 Financial Plan

- Presentation from Administration
 - Registered Delegates
 - Questions, Debate and Voting
1. THAT the 2024 Operating Budget, in the amount of \$603,671,254 be approved, representing \$466,116,111 for Municipal operations excluding the Communications and Engagement, and \$137,555,143 as a funding transfer for reserves and capital purposes, be approved.
 2. THAT the 2024 Operating Budget be amended to add \$7,909,089 for the Communications and Engagement Department.
 3. THAT the 2025 – 2026 Financial Plan in the amount of \$601,132,376 and \$599,440,270 respectively, which includes funding transfers for reserves and capital purposes of \$121,459,659 and \$113,290,135 respectively, be used as the basis for the development of the respective subsequent budgets, and
THAT the 2024 Capital Budget of \$170,374,800 and the Public Art reserve transfer of \$42,370, totaling \$170,417,170, be approved

Adjournment

2024 Proposed Capital Budget and 2025-2029 Plan

Presenter: Laurie Farquharson, CFO

Department: Financial Services

Meeting Date: December 11 - 14, 2023



2024 Proposed Capital Budget

Continuation of Major Projects

- Flood Mitigation
- Rural Water Sewer Servicing & Rural Infrastructure Rehabilitation
- Public Works North Facility
- Saunderson Pressure Reducing Valve

Sustainment of Existing Assets Limited to Critical and/or Safety

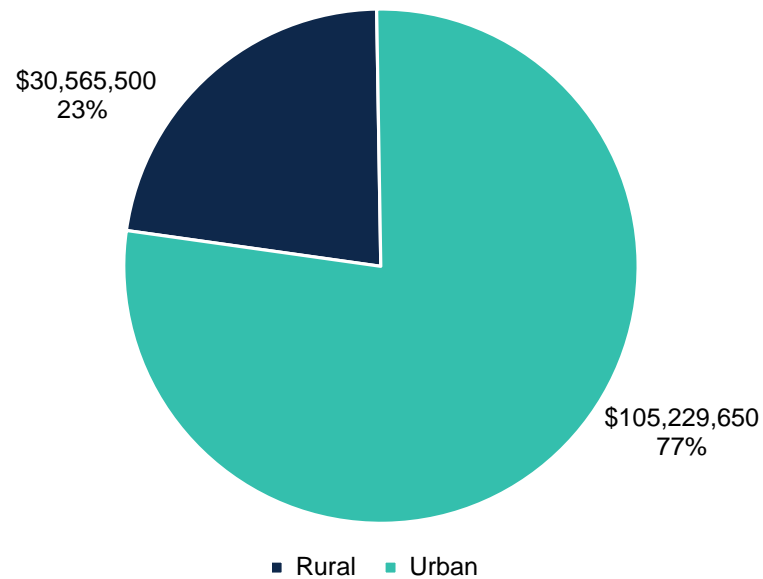
- Neighbourhood rehabilitation
- Playground rehabilitation
- Essential services life cycling

2024 Proposed Capital Budget & 2025-2029 Plan

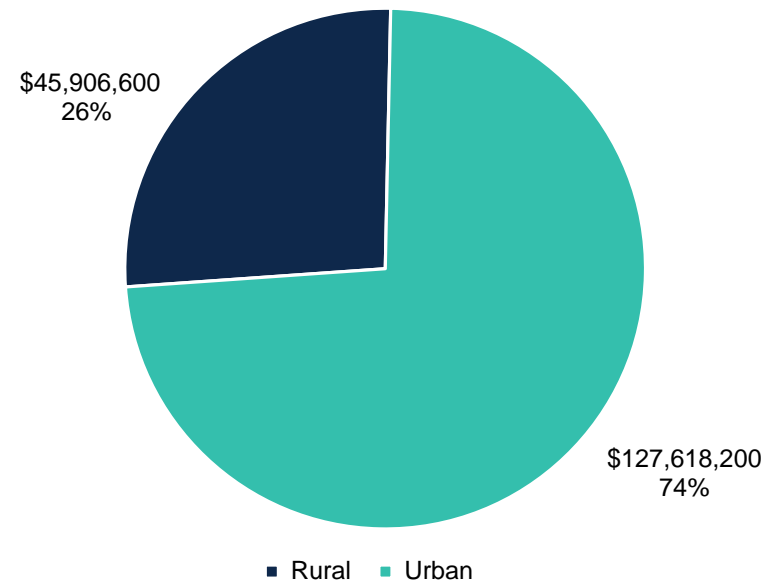
Category	2024 (\$'M)	2025 (\$'M)	2026 (\$'M)	2027 (\$'M)	2028 (\$'M)	2029+ (\$'M)	Total (\$'M)
Single year projects	6	34	7	-	-	-	47
First year of multi-year projects	3	51	80	50	16	14	214
Other than first year of a multi-year project	155	225	155	73	25	15	648
Equipment purchases	9	2	12	11	11	23	68
Proposed Capital Budget/Plan	173	312	254	134	52	52	977

Rural vs Urban Capital Projects

2023 Approved Capital Projects
Total \$135,795,150



2024 Recommended Capital Project
Total \$173,524,800



2024 Demand Versus Capacity

Department	Initial Request	Prioritized	Change
Public Works	\$103,813,500	\$59,540,000	(\$44,273,500)
Engineering	\$93,900,000	\$59,000,000	(\$34,900,000)
Environmental Services	\$87,012,000	\$49,712,000	(\$37,300,000)
Regional Emergency Services	\$2,956,664	\$760,000	(\$2,196,664)
Financial Services	\$2,514,835	\$1,100,000	(\$1,414,835)
Communication and Engagement	\$1,000,000	-	(\$1,000,000)
Indigenous and Rural Relations	\$3,150,000	-	(\$3,150,000)
Community and Protective Services	\$3,369,800	\$3,412,800	\$43,000



Next Steps in the Budget Process

- Presentation of Capital Projects by Sponsor Department

Thank You



2024 Proposed Capital Budget

Presenter: Laurie Farquharson, CFO

Department: Financial Services

Meeting Date: December 11 – 14, 2023



2024 Capital Budget Summary

Major Category	2023 & Prior Budget	2024 Proposed Budget	2025-2029 Plan	Total Budget
Public Facilities	\$ -	\$1,100,000	\$500,000	\$1,600,000
Recreation and Culture	\$ -	\$ -	\$ -	\$ -
Transportation	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$1,100,000	\$500,000	\$1,600,000

2024 Capital Project

Project Name:	2024 IT Infrastructure Upgrades			
Reference No:	24-304	Sponsoring Department: Financial Services		
Description:	End of life equipment needs to be replaced and an increase in storage capacity is required as per the relative life cycling plan.			
Major Outcomes:	A reliable computing environment is maintained and access to critical business systems is assured.			
Multi-Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$ -	\$1,100,000	\$500,000	\$1,600,000	

2024 Capital Project Features

- Server Replacement
- Firewall Device Replacement
- Storage Device Replacement



Thank You



Legend - By Type
Other than first year of a multi-year project
First year of a multi-year project
Single year project
Equipment Project

Financial Services

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-304	2024	2024 IT Infrastructure Upgrades	FS	FS	Public Facilities	-	1,100,000	-	1,100,000	500,000	-	-	-	-	1,600,000
Total						-	1,100,000	-	1,100,000	500,000	-	-	-	-	1,600,000

Plan Year Projects

24-211	2025	Audio Visual Infrastructure	FS	FS	Public Facilities	-	-	-	-	264,835	-	-	-	-	264,835
Total						-	-	-	-	264,835	-	-	-	-	264,835

Financial Services Total						-	1,100,000	-	1,100,000	764,835	-	-	-	-	1,864,835
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Capital Business Case

Reference Number 24-304

Total Request \$ 1,600,000

Project Name **2024 IT Infrastructure Upgrades**

Category
Subcategory (category dependent)
Request Type

Procurement
Information Technology
Multi-Year (new)

Order Code
Classification

New #80
Technology / Innovation

Project Location
Ward
*Multi-Rural - Please list:
Municipal Function

Muni Wide
Muni-Wide
12 - Gen Administration

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Information Technology
Financial Services
Information Technology
Financial Services

1. Summary - Scope Details

To continue to provide a reliable and secure computing environment, infrastructure upgrades need to occur. In 2024, IT will need to replace end of life equipment and increase storage capacity as per the relative life cycling plan. This will ensure a reliable and robust computing environment is maintained, and access to critical business systems is always available.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	1,100,000	-	-	1,100,000	-	-
2025	500,000	-	-	500,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	1,600,000	-	-	1,600,000	-	-

2024 Proposed Capital Budget

Presenter: Keith Smith, Director

Department: Public Works – Transportation and Facilities

Meeting Date: December 11 – 14, 2023



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

2024 Capital Budget Summary

Major Category	2023 & Prior Budget	2024 Proposed Budget	2025-2029 Plan	Total Budget
Public Facilities	\$36,000,000	\$19,150,000	\$ 3,000,000	\$58,150,000
Recreation and Culture	\$ 1,500,000	\$20,000,000	\$28,500,000	\$50,000,000
Transportation	\$ -	\$5,850,000	\$56,500,000	\$62,350,000
TOTAL	\$37,500,000	\$45,000,000	\$88,000,000	\$170,500,000



2024 Capital Project

Project Name:	Jubilee Major Maintenance (Condo) 2022 - 2026			
Reference No:	24-031	Sponsoring Department: Public Works		
Description:	Based on the facility evaluations and emergent issues and unknowns, the annual anticipated reserve funding requirement is \$1,500,000. Therefore, this is a multi-year business case to capture all Condo related funding for all upcoming major maintenance requirements and capital reserves, as per the agreement between the Province and the Regional Municipality of Wood Buffalo.			
Major Outcomes:	To meet regulatory requirements.			
Multi-Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$3,000,000	\$1,500,000	\$3,000,000	\$7,500,000	

2024 Capital Project Features



2024 Capital Project

Project Name:	Public Works North Facilities			
Reference No:	24-014	Sponsor Department: Public Works		
Description:	This project is for the design & construction of a new 27,000 sqft administration/maintenance facility and a 36,000 sqft heated fleet & equipment storage facility within the site, which will adequately support all functions of the Roads, Parks and Fleet services.			
Major Outcomes:	Improve operations by centralizing the Roads branch functions, improve the Parks branch operational efficiencies, address environmental non-compliances, and establish a refined yard for support, municipal vehicle fueling, and equipment and materials storage.			
Multi-Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$33,000,000		\$17,650,000	\$ -	\$50,650,000

5 

2024 Capital Project Features



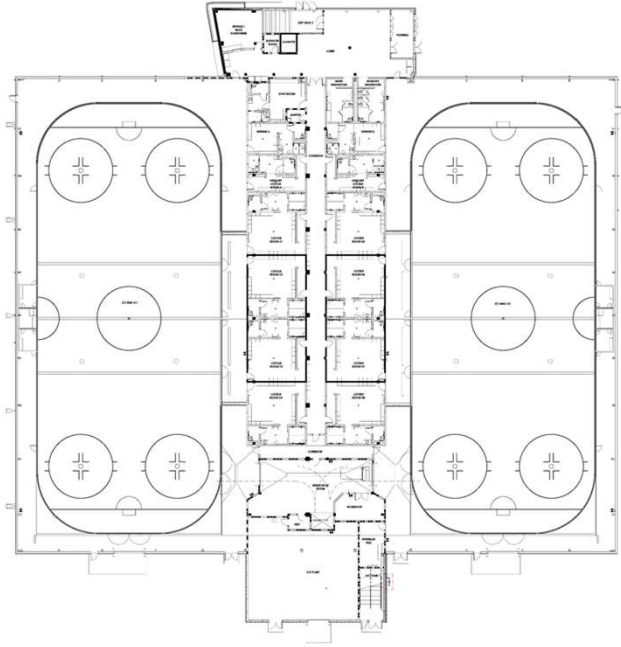
2024 Capital Project

Project Name:	Northside Twin Arena – Design and Construction			
Reference No:	24-045	Sponsor Department: Public Works		
Description:	This project is for the design and construction phase of the Northside Twin Arena Complex on Abraham Landing. The project will include two standard sized ice surfaces, a viewing area for approximately 300 persons per rink, resurface room, locker rooms, concession, and administration areas. The parking capacity would be approximately 180 parking stalls, with other amenities.			
Major Outcomes:	Increase prime time ice availability for various user groups within the Urban Service Area of Fort McMurray.			
Multi-Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$1,500,000	\$20,000,000	\$28,500,000	\$50,000,000	



2024 Capital Project Features

Twin Arena – Main Floor



Entry Rendering of Twin Arena



2024 Capital Project

Project Name:	2024 – 2029 Fleet Heavy Equipment Replacements			
Reference No:	24-301	Sponsoring Department: Public Works		
Description:	This request is to facilitate the replacement of Heavy Vehicles and Equipment that meet or exceed Fleet's replacement criteria. Fleet's replacement criteria for Heavy Duty Vehicles and equipment range between 5 years and/or 5,000 hours and 10 years and/or 10,000 hours, as a guideline.			
Major Outcomes:	To maintain service delivery standards.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -		\$4,200,000	\$40,000,000	\$44,200,000



2024 Capital Project Features



2024 Capital Project

Project Name:	2024 – 2029 Fleet Light Equipment Replacements			
Reference No:	24-302	Sponsoring Department: Public Works		
Description:	This request is for the replacement of light vehicles and equipment that meet or exceed Fleet's replacement criteria. Replacing this equipment will lower Fleet operating costs through savings on maintenance and increase the availability of equipment as required.			
Major Outcomes:	Maintain Service Delivery Standards			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -		\$1,650,000	\$16,500,000	\$18,150,000

2024 Capital Project Features



Thank You



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

Legend - By Type	
Other than first year of a multi-year project	
First year of a multi-year project	
Single year project	
Equipment Project	

Public Works - Transportation & Facilities

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-014	2020	Public Works North Facilities	PW	ENG	Public Facilities	33,000,000	17,650,000	-	17,650,000	-	-	-	-	-	50,650,000
24-031	2022	Jubilee Major Maintenance (Condo) 2022 - 2026	PW	PW	Public Facilities	3,000,000	1,500,000	-	1,500,000	1,500,000	1,500,000	-	-	-	7,500,000
24-045	2023	Northside Twin Arena - Design and Construction	PW	ENG	Recreation & Culture	1,500,000	20,000,000	-	20,000,000	28,500,000	-	-	-	-	50,000,000
24-301	2024	2024 - 2029 Fleet Heavy Equipment Replacements	PW	PW	Transportation	-	4,200,000	-	4,200,000	-	8,000,000	8,000,000	8,000,000	16,000,000	44,200,000
24-302	2024	2024 - 2029 Fleet Light Equipment Replacements	PW	PW	Transportation	-	1,650,000	-	1,650,000	-	3,300,000	3,300,000	3,300,000	6,600,000	18,150,000
Total						37,500,000	45,000,000	-	45,000,000	30,000,000	12,800,000	11,300,000	11,300,000	22,600,000	170,500,000

Plan Year Projects

24-005	2016	Building Security Infrastructure Upgrades	PW	PW	Public Facilities	4,787,303	-	-	-	650,000	600,000	-	-	-	6,037,303
24-024	2022	Archie Simpson Arena Back-Up Generator	PW	PW	Recreation & Culture	120,000	-	-	-	800,000	-	-	-	-	920,000
24-025	2022	Building Life Cycle - 2022-2026	PW	PW	Public Facilities	3,230,000	-	-	-	5,695,000	5,195,000	-	-	-	14,120,000
24-125	2026	Building Management Software 2024	PW	PW	Public Facilities	-	-	-	-	-	800,000	540,000	-	-	1,340,000
24-219	2025	Downtown Transit Terminal - Design	PW	PW	Transportation	-	-	-	-	750,000	-	-	-	-	750,000
24-223	2025	Fort Chipewyan Swimming Pool Lighting Upgrades	PW	PW	Public Facilities	-	-	-	-	435,000	-	-	-	-	435,000
24-239	2025	South Operations Centre Spatial Reconfiguration	PW	PW	Public Facilities	-	-	-	-	230,500	-	-	-	-	230,500
24-311	2025	2025 Fleet Heavy Equipment Additions (HEA)	PW	PW	Transportation	-	-	-	-	330,000	-	-	-	-	330,000
24-312	2025	2025 Fleet Light Equipment Additions (LEA)	PW	PW	Transportation	-	-	-	-	400,000	-	-	-	-	400,000
Total						8,137,303	-	-	-	9,290,500	6,595,000	540,000	-	-	24,562,803
PW - Transportation and Facilities Total						45,637,303	45,000,000	-	45,000,000	39,290,500	19,395,000	11,840,000	11,300,000	22,600,000	195,062,803

Capital Business Case

Reference Number **24-014**

Total Request \$ **50,650,000**

Project Name **Public Works North Facilities**

Category
Subcategory (category dependent)
Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code **601994**
Classification **Accommodations & Land**

Project Location **Northside**
Ward **1 - Fort McMurray**
***Multi-Rural - Please list:**
Municipal Function **32 - Road Transport**

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Facilities
Public Works
Engineering
Engineering

1. Summary - Scope Details

This project is for the design & construction of a new 27,000 sft administration/maintenance facility and a 36,000 sft heated fleet & equipment storage facility within the site, which will adequately support all functions of the Roads, Parks and Fleet services. The scope of the project also includes site development, site servicing and environmental site remediation.

The existing Roads facility located at 24 Silin Forest Road, referred to as the Roads Satellite Yard, has reached the end of its useful life and needs to be replaced, as the operation and maintenance of the complex is becoming cost prohibitive.

The re-development of the site will improve operations by centralizing the Roads branch functions, improve the Parks branch operational efficiencies, address environmental non-compliances, and establish a refined yard for support, municipal vehicle fueling, and equipment and materials storage. There are significant cost savings in the operation and maintenance of the Roads equipment that can be achieved by storing the Roads equipment indoors.

The construction of the facilities started in summer 2022 and is continuing.

2. STRATEGIC PLAN GOAL

Invest in the health and safety of our employees

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	33,000,000		18,800,000	14,200,000	-	-
2024	17,650,000	-	7,000,000	10,650,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	50,650,000	-	25,800,000	24,850,000	-	-



Capital Business Case

Reference Number **24-031**

Total Request \$ **7,500,000**

Project Name **Jubilee Major Maintenance (Condo) 2022 - 2026**

Category
Subcategory (category dependent)
Request Type

Lifecycle
Upgrade - Construction
Multi-Year (existing)

Order Code
Classification

602416
Accommodations & Land

Project Location
Ward
*Multi-Rural - Please list:
Municipal Function

Lower Townsite
1 - Fort McMurray
31 - Common Services

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Facilities
Public Works
Facilities
Public Works

1. Summary - Scope Details

The Jubilee Condo Corporation (JCC) is an entity that is comprised of the Alberta Government and the Regional Municipality of Wood Buffalo. The JCC oversees the operational and maintenance of the Jubilee Centre towers by utilizing a property management firm. Alberta Infrastructure is responsible for 51.36% of the total cost and the RMWB is responsible for 48.64%. As part of the JCC, the entities are also responsible for any capital upgrades required to the facility, which was constructed in 1982. The JCC has been using a detailed facility evaluation in guiding and prioritizing capital projects throughout the entire complex. This evaluation identifies estimated costs as well as the year in which the remediations would occur. Based on the facility evaluations, emergent issues and unknowns, the annual reserve funding requirement is \$1,500,000. Therefore, this is a multi-year business case to capture all Condo related funding for all upcoming major maintenance requirements and capital reserves, as per the agreement between the Province and the Regional Municipality of Wood Buffalo.

2. STRATEGIC PLAN GOAL

Invest in the health and safety of our employees

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	3,000,000	-	-	3,000,000	-	-
2024	1,500,000	-	-	1,500,000	-	-
2025	1,500,000	-	-	1,500,000	-	-
2026	1,500,000	-	-	1,500,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	7,500,000	-	-	7,500,000	-	-

Capital Business Case

Reference Number **24-045**

Total Request \$ **50,000,000**

Project Name Northside Twin Arena - Design and Construction

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

602643

Classification

Parks/Recreation

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

72 - Recreation Bldg. & Facility

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Facilities
Public Works
Engineering
Engineering

1. Summary - Scope Details

In 2016, the design for the Twin Arena was reviewed and scaled back from a full recreation centre to a project containing two standard sized ice rinks, locker rooms, referee space, skate sharpening space, washrooms, storage and custodial space, and more. This project was later put on hold.

In 2023, it was decided to review and proceed with the previous design, which required revisions to ensure compliance with all safety, building, accessibility, energy standards, and to remove LEED Gold Standards to align with current RMWB standards and National Energy Code Standards.

This project is for the design and construction phases of the Northside Twin Arena Complex on the Abraham land. The project will include two standard sized ice surfaces, a viewing area for app. 300 persons per rink, resurfacers room, locker rooms, concession area and administration area etc. with parking capacity of approximately 180 parking stalls, and other amenities. The project design is anticipated to be completed within fiscal 2023 with construction beginning in 2024.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	1,500,000	-	-	1,500,000	-	-
2024	20,000,000	-	-	20,000,000	-	-
2025	28,500,000	-	-	28,500,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	50,000,000	-	-	50,000,000	-	-

Capital Business Case

Reference Number **24-301**

Total Request \$ **44,200,000**

Project Name **2024 - 2029 Fleet Heavy Equipment Replacements**

Category	Procurement
Subcategory (category dependent)	Vehicle
Request Type	Multi-Year (new)

Order Code	New #77
Classification	Machinery & Equipment

Project Location	Muni Wide
Ward	Muni-Wide
*Multi-Rural - Please list:	
Municipal Function	31 - Common Services

Sponsor Branch	Fleet Services
Sponsor Department	Public Works
Delivery Branch	Fleet Services
Delivery Department	Public Works

1. Summary - Scope Details

This request is to facilitate the replacement of Heavy Vehicles and Equipment that meet or exceeds Fleets replacement criteria. Fleets replacement criteria for Heavy duty vehicles and equipment range between 5 years, 5000 hrs. and 10 years and/or 10,000 hrs. as a guideline. This would be optimal however there are other factors that we take into consideration when deciding on replacement, ie. condition, maintenance cost, technology, etc. Some specialized assets can be safely utilized above these guidelines and do where practical. Replacing this equipment will lower the Fleet operating budget by spending less on maintenance and increase availability of this equipment when needed. We will continue to use the Fleet AVL system to find efficiencies and extend the lifecycle where appropriate. We are working on a more robust asset management program to aid in determining effective replacement times, as well as right sizing our HD Fleet. We also coordinate and promote sharing common services when practicable.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	4,200,000	-	-	4,200,000	-	-
2025	-	-	-	-	-	-
2026	8,000,000	-	-	8,000,000	-	-
2027	8,000,000	-	-	8,000,000	-	-
2028	8,000,000	-	-	8,000,000	-	-
2029	16,000,000	-	-	16,000,000	-	-
Thereafter	-	-	-	-	-	-
Total	44,200,000	-	-	44,200,000	-	-

Capital Business Case

Reference Number **24-302**

Total Request \$ **18,150,000**

Project Name **2024 - 2029 Fleet Light Equipment Replacements**

Category
Subcategory (category dependent)
Request Type

Procurement
Vehicle
Multi-Year (new)

Order Code **New #78**
Classification Machinery & Equipment

Project Location Muni Wide
Ward Muni-Wide
*Multi-Rural - Please list:
Municipal Function 31 - Common Services

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Fleet Services
Public Works
Fleet Services
Public Works

1. Summary - Scope Details

This business case is for the 2024 Fleet Light Equipment Additions being requested from the various Departments. Fleet worked closely with all areas to understand the requirements and were able to accommodate some request from within the existing Fleet, which in turn reduced the size of this request. When reviewing fleet requests, we looked to see if existing assets were available or if other alternatives could be made and provided feedback where applicable.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	1,650,000	-	-	1,650,000	-	-
2025	-	-	-	-	-	-
2026	3,300,000	-	-	3,300,000	-	-
2027	3,300,000	-	-	3,300,000	-	-
2028	3,300,000	-	-	3,300,000	-	-
2029	6,600,000	-	-	6,600,000	-	-
Thereafter	-	-	-	-	-	-
Total	18,150,000	-	-	18,150,000	-	-

2024 Proposed Capital Budget

Presenter: Keith Smith, Director

Department: Public Works - Parks, Roads, Rural and Fort
Chipewyan

Meeting Date: December 11 - 14, 2023



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

2024 Capital Budget Summary

Major Category	2023 & Prior Budget	2024 Proposed Budget	2025-2029 Plan	Total Budget
Public Facilities	\$ -	\$ 900,000	\$ 150,000	\$1,050,000
Recreation and Culture	\$1,750,000	\$2,440,000	\$1,650,000	\$5,840,000
Transportation	\$23,950,000	\$11,200,000	\$4,850,000	\$40,000,000
TOTAL	\$25,700,000	\$14,540,000	\$6,650,000	\$46,890,000



2024 Capital Project

Project Name:	Partial Playground Replacement (Westview and St. Kateri)			
Reference No:	24-046	Sponsoring Department: Public Works		
Description:	Components of the playground equipment at the Westview School have reached the end of their life cycle. St. Kateri School is currently underserved for playground space and requires expansion due to growing needs of the school.			
Major Outcomes:	Replacing the components will reduce operational costs and better meet current community needs.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$350,000	\$350,000	\$ -	\$700,000	



2024 Capital Project Features



2024 Capital Project

Project Name:	Bear Paw Playground Restoration			
Reference No:	24-205	Sponsoring Department: Public Works		
Description:	The project scope will include full replacement of the play structure and safety surfacing, including drainage installation due to site vandalism.			
Major Outcomes:	Restore services to the community.			
Single Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$ -	\$150,000	\$ -	\$150,000	



2024 Capital Project Features

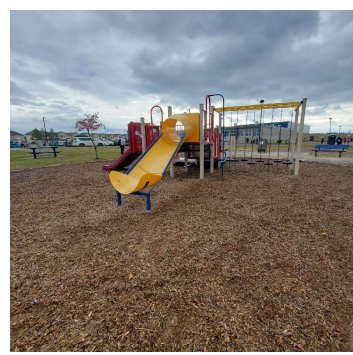
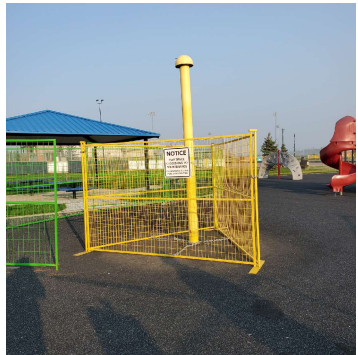


2024 Capital Project

Project Name:	2024 Playgrounds Replacement			
Reference No:	24-102	Sponsoring Department: Public Works		
Description:	This project will replace play structures at Syncrude Athletic Park, St. Marthas School, and Couette Crescent, including playground drainage and surface improvements.			
Major Outcomes:	Reduce maintenance costs and provide a safer play environment, while maintain the same level of services			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$ -	\$600,000	\$650,000	\$1,250,000	



2024 Capital Project Features



Syncrude Athletic Park Playground

Couette Playground

St. Martha's Playground



2024 Capital Project

Project Name:	Spray Park Replacement Program - Design Build			
Reference No:	24-036	Sponsoring Department: Public Works		
Description:	This project will completely rehabilitate the spray parks by replacing existing equipment and surfacing and connecting parks to the sanitary sewer. The replacement program schedule is as follows: 2022/2023 - KP Wong Spray Park in Syncrude Athletic Park 2023/2024 - Wood Buffalo Spray Park 2024/2025 - Lakewood Spray Park			
Major Outcomes:	Provide continued service to the community and ensure many more years of play opportunity			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request		2025-2029 Plan	Total Budget All Years
\$1,400,000	\$1,300,000		\$1,000,000	\$3,700,000



2024 Capital Project Features



Wood Buffalo Spray Park (2023/2024)



Lakewood Spray Park (2024/2025)



2024 Capital Project

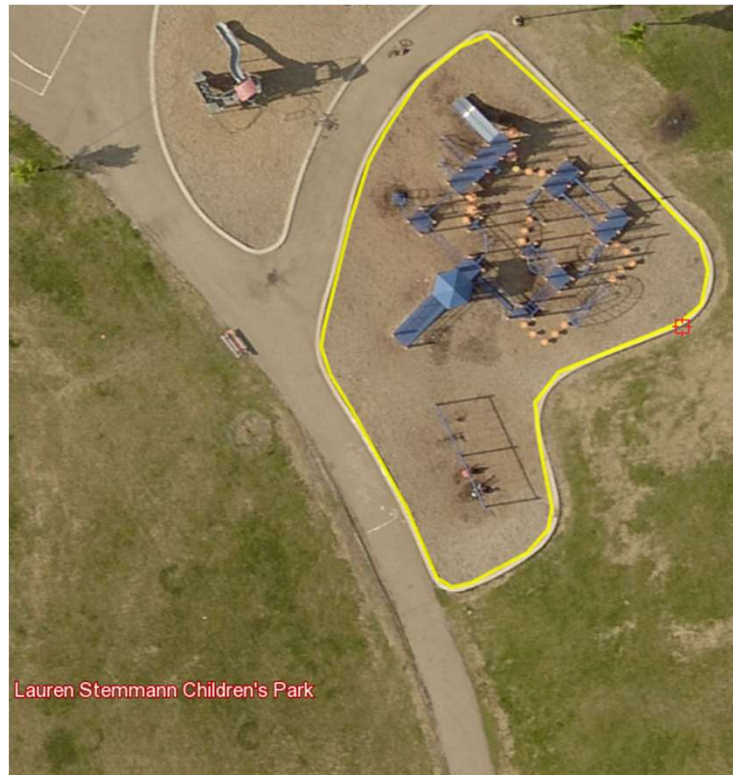
Project Name:	Drainage Improvements (Playgrounds and Outdoor Fitness Modules)			
Reference No:	24-103	Sponsoring Department: Public Works		
Description:	Permanent stormwater drainage solution will alleviate additional operational staff actions, provide expected level of services, and extend surfacing materials lifespan.			
Major Outcomes:	Alleviate maintenance costs and extend facility lifespan.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request		2025-2029 Plan	Total Budget All Years
\$ -	\$150,000		\$150,000	\$300,000



2024 Capital Project Features



Outdoor Fitness Modules



Dickinsfield (blue/orange module)



Wood Buffalo Playground



2024 Capital Project

Project Name:	Recreational Trails Lifecycling			
Reference No:	24-105	Sponsoring Department: Public Works		
Description:	This project is to replace 2.2 kilometers of the Birchwood Perimeter and Lions Park trails in 2024. Remaining trails will be completed in 2025.			
Major Outcomes:	Completed work will increase trails’ longevity and provide better recreational opportunities for trail users.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$ -	\$1,200,000	\$600,000	\$1,800,000	



2024 Capital Project Features



2024 Capital Project

Project Name:	Abasand Cemetery Expansion			
Reference No:	24-203	Sponsoring Department: Public Works		
Description:	Abasand cemetery is reaching capacity and requires expansion, site realignments to allow for proper burial, and perpetual care of the children section. Requested funds will be used for site lighting improvements, paving, concrete runners, seasonal mailbox installation, landscaping and fencing enhancements and space for additional columbarium.			
Major Outcomes:	Increase the provided cemetery services.			
Single Year Project				
2023 & Prior Budget	2024 Budget Request		2025-2029 Plan	Total Budget All Years
\$ -	\$550,000		\$ -	\$550,000



2024 Capital Project Features



2024 Capital Project

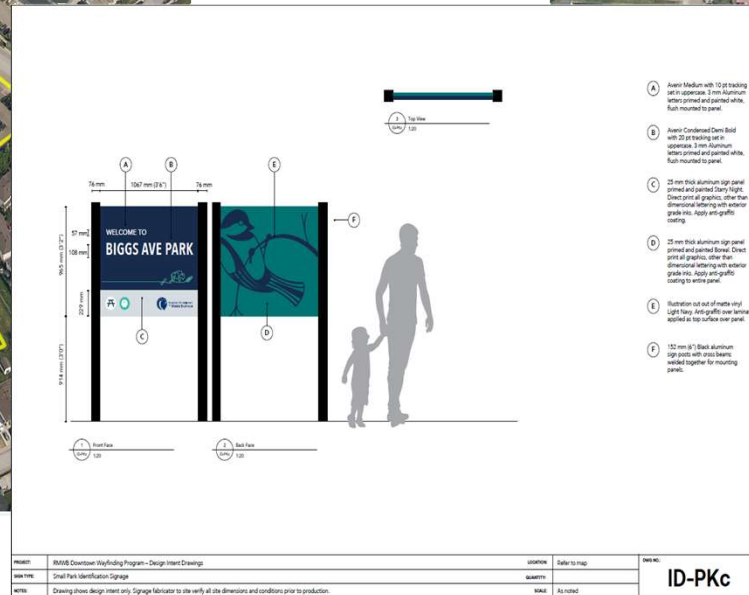
Project Name:	New Memorial Park Signs			
Reference No:	24-206	Sponsoring Department: Public Works		
Description:	Requested funds will be used for the installation of two memorial park signs in approved areas: - Behind Ecole Dickinsfield and Sister Mary Phillips School - Thickwood Park			
Major Outcomes:	Response to a community naming recommendation as directed by Council.			
Single Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -		\$ 40,000	\$ -	\$40,000



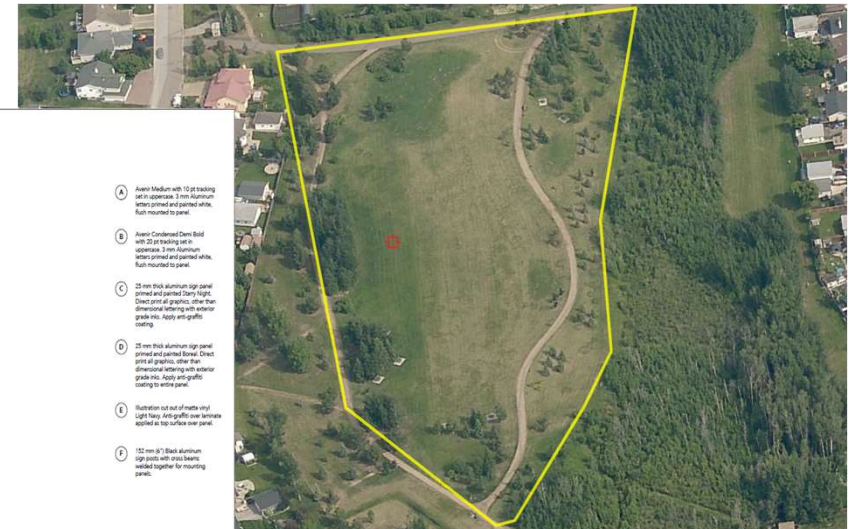
2024 Capital Project Features



Area to be named as "Lauren Stemmann Children's Park"



Small Park Identification Signage – Downtown Wayfinding Program



Renaming the Thickwood Park as The Jeremy Snook Memorial Park"



2024 Capital Project

Project Name:	Road Surface and Alleyways Improvement			
Reference No:	24-047	Sponsoring Department: Public Works		
Description:	This is the construction phase for mill and pave, surface improvement and full reconstruction including sidewalks and curbs/gutters.			
Major Outcomes:	Repair existing infrastructure to reduce maintenance costs, extend life-cycle and reduce hazards to pedestrians and vehicles.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$1,750,000	\$4,000,000	\$3,250,000	\$9,000,000	



2024 Capital Project Features



Alpine Court



Athabasca Avenue South



Abbottswood Drive



Athabasca Avenue North Back Alley



2024 Capital Project

Project Name:	Fort Chipewyan Airside Pavement Rehabilitation - Construction			
Reference No:	24-018	Sponsoring Department: Public Works		
Description:	Several components of the existing airside are nearing the end of their service life and/or have been identified as not meeting current standards. This includes the Infrastructure Runway, Taxiway, Runway sub-surface drainage system and Apron. Rehabilitation of the airside infrastructure will ensure continued long-term safety and reliability of the facility.			
Major Outcomes:	Ensure a safe operating environment is maintained for the traveling public.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$18,700,000	\$2,500,000	\$ -	\$21,200,000	



2024 Capital Project Features

Pre-Rehabilitation Work



Post Rehabilitation Work



2024 Capital Project

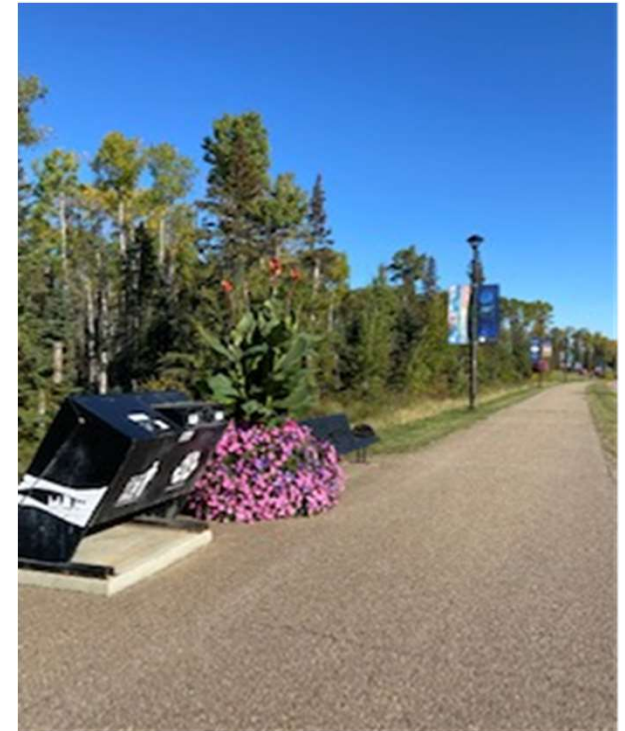
Project Name:	Fort McKay Road South Waterline		
Reference No:	24-043	Sponsoring Department: Public Works	
Description:	This is the construction phase of infrastructure improvements to the Fort McKay road right-of-way. The scope of work will include the addition of sidewalks/trails, placemaking, signs, street lighting, and underground utilities.		
Major Outcomes:	Provides infrastructure improvement to Rural and Indigenous communities.		
Multi Year Project			
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$3,500,000	\$ 2,000,000	\$1,000,000	\$6,500,000



2024 Capital Project Features



Current View



Future Design example



2024 Capital Project

Project Name:	Anzac Rec Centre Culvert, Asphalt & Curb – Construction			
Reference No:	24-204	Sponsoring Department: Public Works		
Description:	Culverts at the entrance of the Anzac Recreation Centre are failing and interfering with the roadway. The asphalt parking lot and curbs also require repairs to meet current standards.			
Major Outcomes:	Repair the main recreation facility area for the residents of Anzac.			
Single Year Project				
2023 & Prior Budget	2024 Budget Request		2025-2029 Plan	Total Budget All Years
\$ -	\$ 1,500,000		\$ -	\$1,500,000



2024 Capital Project Features

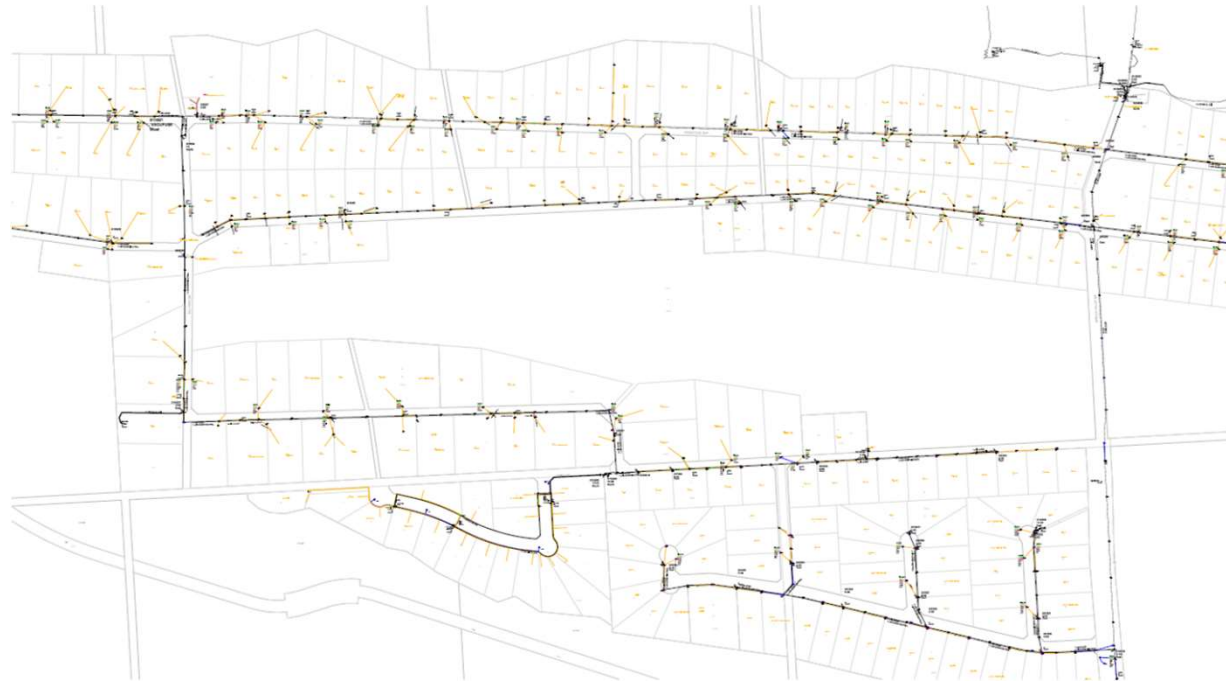


2024 Capital Project

Project Name:	Saprae Creek Raise Overhead Lines			
Reference No:	24-207	Sponsoring Department: Public Works		
Description:	While performing work on the Rural Water and Sewer projects, the roads were raised causing the overhead lines to be lower at road crossings which created a safety concern. This work is to replace 34 power poles, to raise the lines on existing road crossings, straighten 10 poles and tighten secondaries on 4 poles.			
Major Outcomes:	Increase safety to residents.			
Single Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$ -	\$200,000	\$ -	\$200,000	



2024 Capital Project Features



Thank You



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

29

Legend - By Type
Other than first year of a multi-year project
First year of a multi-year project
Single year project
Equipment Project

PUBLIC WORKS - PARKS, ROADS, RURAL & FORT CHIPEWYAN

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-018	2021	Fort Chipewyan Airside Pavement Rehabilitation - Construction	PW	ENG	Transportation	18,700,000	2,500,000	-	2,500,000	-	-	-	-	-	21,200,000
24-036	2022	Spray Park Replacement Program - Design Build	PW	PW	Recreation & Culture	1,400,000	1,300,000	-	1,300,000	-	1,000,000	-	-	-	3,700,000
24-043	2023	Fort McKay Road South Waterline	PW	ENG	Transportation	3,500,000	2,000,000	-	2,000,000	1,000,000	-	-	-	-	6,500,000
24-046	2023	Partial Playground Replacement (Westview and St. Kateri)	PW	PW	Recreation & Culture	350,000	350,000	-	350,000	-	-	-	-	-	700,000
24-047	2023	Road Surface and Alleyways Improvement	PW	ENG	Transportation	1,750,000	4,000,000	-	4,000,000	3,250,000	-	-	-	-	9,000,000
24-102	2024	2024 Playgrounds Replacement	PW	PW	Recreation & Culture	-	600,000	6,250	606,250	650,000	-	-	-	-	1,250,000
24-103	2024	Drainage Improvements (Playgrounds and Outdoor Fitness Modules)	PW	PW	Public Facilities	-	150,000	1,500	151,500	150,000	-	-	-	-	300,000
24-105	2024	Recreational Trails Lifecycling	PW	PW	Transportation	-	1,200,000	9,000	1,209,000	600,000	-	-	-	-	1,800,000
24-203	2024	Abasand Cemetery Expansion	PW	PW	Public Facilities	-	550,000	2,750	552,750	-	-	-	-	-	550,000
24-204	2024	Anzac Rec Centre Culvert, Asphalt, Curb - Construction	PW	ENG	Transportation	-	1,500,000	7,500	1,507,500	-	-	-	-	-	1,500,000
24-205	2024	Bear Paw Playground Restoration	PW	PW	Recreation & Culture	-	150,000	750	150,750	-	-	-	-	-	150,000
24-206	2024	New Memorial Park Signs	PW	PW	Recreation & Culture	-	40,000	200	40,200	-	-	-	-	-	40,000
24-207	2024	Saprae Creek Raise Overhead Lines	PW	ENG	Public Facilities	-	200,000	1,000	201,000	-	-	-	-	-	200,000
Total						25,700,000	14,540,000	28,950	14,568,950	5,650,000	1,000,000	-	-	-	46,890,000

Plan Year Projects

24-010	2019	Rural Roads and Parking Lots Paving - Fort Chipewyan - Design & Construction	PW	ENG	Transportation	1,100,000	-	-	-	-	5,500,000	-	-	-	6,600,000
24-021	2021	Outdoor Rink Asphalt Surface Upgrade	PW	PW	Recreation & Culture	1,400,000	-	-	-	-	600,000	-	-	-	2,000,000
24-034	2022	Saprae Creek Mailbox/Intersections - Design & Construction	PW	ENG	Public Facilities	1,000,000	-	-	-	1,000,000	-	-	-	-	2,000,000
24-039	2023	Active Transportation Phase 3	PW	PW	Transportation	300,000	-	-	-	1,000,000	-	-	-	-	1,300,000
24-041	2023	Columbarium - Conklin and Fort Chipewyan Cemeteries	PW	PW	Public Facilities	100,000	-	-	-	100,000	-	-	-	-	200,000
24-042	2023	Conklin Northland Drive Walking Trail Repairs - Design and Construction	PW	ENG	Transportation	30,000	-	-	-	300,000	-	-	-	-	330,000
24-049	2023	Saprae Creek Culvert, Ditches and Drainage Improvement - Design & Construction	PW	ENG	Public Facilities	590,000	-	-	-	-	1,600,000	-	-	-	2,190,000
24-051	2023	Walking Paths Anzac (Gregoire Drive, Townsend Drive, Donovan Drive, Park Drive, Hopegood Drive, Hilyard Crescent)	PW	ENG	Recreation & Culture	450,000	-	-	-	-	1,500,000	4,950,000	-	-	6,900,000
24-107	2025	Beacon Hill and Timberlea Tennis / Pickleball Courts Replacement	PW	PW	Recreation & Culture	-	-	-	-	200,000	700,000	-	-	-	900,000
24-110	2025	Fort McKay Road Interface with Driveways - Design	PW	ENG	Transportation	-	-	-	-	200,000	2,000,000	-	-	-	2,200,000
24-114	2025	Paving South Street Saprae Creek (Sommer Way, Spruce Valley Gare, Evergreen Place, Conifer Way) Design and Construction	PW	ENG	Transportation	-	-	-	-	300,000	3,000,000	-	-	-	3,300,000
24-115	2025	Pedestrian Bridges Repairs and Replacements	PW	PW	Transportation	-	-	-	-	1,400,000	1,400,000	-	-	-	2,800,000
24-117	2025	Rural Road Rehabilitation - Pre Design	PW	ENG	Transportation	-	-	-	-	1,000,000	1,500,000	-	-	-	2,500,000
24-119	2025	Saprae Creek Asphalt South Street	PW	ENG	Transportation	-	-	-	-	300,000	3,000,000	-	-	-	3,300,000
24-122	2025	South Snow Disposal Site - Design & Construction	PW	ENG	Public Facilities	-	-	-	-	1,500,000	1,200,000	12,200,000	15,800,000	14,000,000	44,700,000
24-126	2026	Christina Lake Drive Sidewalk - Design and Construction	PW	ENG	Recreation & Culture	-	-	-	-	-	4,500,000	1,500,000	-	-	6,000,000
24-129	2026	Stonecreek Playground	PW	PW	Recreation & Culture	-	-	-	-	-	200,000	250,000	-	-	450,000
24-130	2026	Woodlawn Cemetery Irrigation Improvements	PW	PW	Public Facilities	-	-	-	-	-	250,000	500,000	-	-	750,000
24-209	2025	Active Transportation Phase 4 Design	PW	PW	Transportation	-	-	-	-	200,000	-	-	-	-	200,000
24-210	2025	Anzac Water Spray Park	PW	PW	Recreation & Culture	-	-	-	-	1,350,000	-	-	-	-	1,350,000
24-212	2025	Beacon Hill Perimeter Trail Upgrade	PW	PW	Transportation	-	-	-	-	2,500,000	-	-	-	-	2,500,000
24-213	2025	BearSmart Management Plan	PW	ES	Public Facilities	-	-	-	-	175,000	-	-	-	-	175,000
24-214	2025	Bike Park Redesign	PW	PW	Recreation & Culture	-	-	-	-	200,000	-	-	-	-	200,000
24-215	2025	Community Lane Roadway Improvements	PW	ENG	Transportation	-	-	-	-	150,000	-	-	-	-	150,000
24-217	2025	Conklin Northland Drive Sidewalk Gap	PW	ENG	Public Facilities	-	-	-	-	450,000	-	-	-	-	450,000

Legend - By Type
Other than first year of a multi-year project
First year of a multi-year project
Single year project
Equipment Project

PUBLIC WORKS - PARKS, ROADS, RURAL & FORT CHIPEWYAN

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-225	2025	Gregoire Lake Estate Signs Upgrade	PW	PW	Public Facilities	-	-	-	-	350,000	-	-	-	-	350,000
24-226	2025	Janvier Community School Park Enhancement Design	PW	PW	Recreation & Culture	-	-	-	-	150,000	-	-	-	-	150,000
24-228	2025	McDonald Island Park Baseball Fields Replacement Design	PW	PW	Recreation & Culture	-	-	-	-	800,000	-	-	-	-	800,000
24-229	2025	Northside Dog Park	PW	PW	Recreation & Culture	-	-	-	-	600,000	-	-	-	-	600,000
24-230	2025	OHV Draper Trail Design	PW	PW	Public Facilities	-	-	-	-	400,000	-	-	-	-	400,000
24-231	2025	OHV Wayfinding System (Urban Area)	PW	PW	Public Facilities	-	-	-	-	150,000	-	-	-	-	150,000
24-232	2025	Outdoor Beach Volleyball Courts	PW	PW	Recreation & Culture	-	-	-	-	600,000	-	-	-	-	600,000
24-233	2025	Parks Washroom (Urban Area)	PW	PW	Public Facilities	-	-	-	-	1,000,000	-	-	-	-	1,000,000
24-234	2025	Prairie Creek Perimeter Trail	PW	PW	Recreation & Culture	-	-	-	-	2,500,000	-	-	-	-	2,500,000
24-238	2025	Saprae Creek Estate Volleyball Court Renovation	PW	PW	Recreation & Culture	-	-	-	-	120,000	-	-	-	-	120,000
24-240	2025	Squirrel Trail Design	PW	PW	Recreation & Culture	-	-	-	-	250,000	-	-	-	-	250,000
24-241	2025	Stone Creek Parking Lot	PW	PW	Public Facilities	-	-	-	-	600,000	-	-	-	-	600,000
24-242	2025	Syncrude Athletic Park Drainage Improvements Continuity	PW	PW	Public Facilities	-	-	-	-	1,200,000	-	-	-	-	1,200,000
24-243	2025	Syncrude Athletic Park Functional Plan Continuity	PW	PW	Recreation & Culture	-	-	-	-	500,000	-	-	-	-	500,000
24-245	2026	Anzac and Pioneer Cemetery Access Lane Improvement	PW	PW	Public Facilities	-	-	-	-	-	500,000	-	-	-	500,000
Total						4,970,000	-	-	-	21,545,000	27,450,000	19,400,000	15,800,000	14,000,000	103,165,000

PW - Parks, Roads, Rural, Fort Chip Total	30,670,000	14,540,000	28,950	14,568,950	27,195,000	28,450,000	19,400,000	15,800,000	14,000,000	150,055,000
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Capital Business Case

Reference Number **24-018**

Total Request \$ **21,200,000**

Project Name **Fort Chipewyan Airside Pavement Rehabilitation - Construction**

Category

Subcategory (category dependent)

Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (existing)

Order Code

602124

Classification

Transportation

Project Location

Fort Chipewyan

Ward

2 - Fort Chipewyan/Fort McKay

*Multi-Rural - Please list:

Municipal Function

32 - Road Transport

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Fort Chipewyan Hamlet
Public Works
Engineering
Engineering

1. Summary - Scope Details

RMWB owns and operates the Fort Chipewyan Airport. This airport serves as a vital transportation hub for the hamlet of Fort Chipewyan, particularly during the summer months when the winter road is unavailable. As well, the airport facilitates medevac services in and out of the community.

The runway, taxiway, runway drainage system and apron are at the end of their service life and/or have been identified as not meeting current standards. This rehabilitation will ensure continued long-term safety and reliability of the facility.

Many of these rehabilitation components qualify for Transport Canada grant funding. RMWB has already received partial funding approval through the Airport Capital Assistance Program (ACAP) and an agreement has been signed with Transport Canada.

No environmental concerns or impacts are anticipated for this project. The project will not trigger environmental assessment under the federal Environmental Act. Engineering reports indicate the pavements should be rehabilitated as of 2020 as the pavements will have reached the end of their lifespan. With construction scheduled for 2023 at the earliest, it is vitally important that this project be prioritized to ensure a safe operating environment is maintained for the travelling public and lifecycle costs are minimized.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	18,700,000	10,957,500	-	7,742,500	-	-
2024	2,500,000	-	-	2,500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	21,200,000	10,957,500	-	10,242,500	-	-

Capital Business Case

Reference Number **24-036**

Total Request \$ **3,700,000**

Project Name **Spray Park Replacement Program - Design Build**

Category	Project
Subcategory (category dependent)	Construction / Development
Request Type	Multi-Year (existing)

Order Code **602429**
Classification **Parks/Recreation**

Project Location **Fort McMurray**
Ward **1 - Fort McMurray**
*Multi-Rural - Please list:
Municipal Function **72 - Recreation Bldg. & Facility**

Sponsor Branch **Parks Services**
Sponsor Department **Public Works**
Delivery Branch **Parks Services**
Delivery Department **Public Works**

1. Summary - Scope Details

This project will address the replacement of three splash parks in Fort McMurray over three to four years. The splash parks are located at the Wood Buffalo Park, KP Wong and Lakewood. All of these parks have met their life expectancy, the plumbing is failing and the surfaces need to be replaced. This project will completely rehabilitate the splash parks by removing the old park, connecting to the sanitary sewer and replacing it with new equipment and surfacing. These replacements will provide continued service to the community and ensure many more years of play opportunity. The replacement program is as follows: 2022/23 - KP Wong Spray Park in Syncrude Athletic Park, 2024 - Wood Buffalo Spray Park, and 2025 - Lakewood Spray Park.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	1,400,000	-	-	1,400,000	-	-
2024	1,300,000	-	-	1,300,000	-	-
2025	-	-	-	-	-	-
2026	1,000,000	-	-	1,000,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	3,700,000	-	-	3,700,000	-	-

Capital Business Case

Reference Number **24-043**

Total Request \$ **6,500,000**

Project Name **Fort McKay Road South Waterline**

Category	Lifecycle
Subcategory (category dependent)	Replacement - Construction
Request Type	Multi-Year (existing)

Order Code **602502**
Classification **Environmental**

Project Location **Fort McKay**
Ward **2 - Fort Chipewyan/Fort McKay**
***Multi-Rural - Please list:**
Municipal Function **41 - Water Sup & Distribution**

Sponsor Branch **Rural Operations (PW)**
Sponsor Department **Public Works**
Delivery Branch **Engineering**
Delivery Department **Engineering**

1. Summary - Scope Details

This project is for the construction phase for the infrastructure improvement in the Fort McKay Access road right-of-way. The scope of work will include the addition of sidewalks/trails, placemaking, signs, street lighting, underground utilities and miscellaneous items that are required for the infrastructure improvements. As per the pre-design recommendation, the proposed new sidewalk will be located over the existing watermain. The existing 150mm watermain was installed in 1988, and is required to be replaced with a 300mm watermain along Fort McKay Access Road. Upgrading the existing watermain under the proposed sidewalk will help minimize the risks of damaging the existing and future surface features, utilities and other infrastructure. This will bring synergy and efficiency.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	3,500,000	-	-	3,500,000	-	-
2024	2,000,000	-	-	2,000,000	-	-
2025	1,000,000	-	-	1,000,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	6,500,000	-	-	6,500,000	-	-

Capital Business Case

Reference Number **24-046**

Total Request \$ **700,000**

Project Name **Partial Playground Replacement (Westview and St. Kateri)**

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

602506

Classification

Parks/Recreation

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

72 - Recreation Bldg. & Facility

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Parks Services
Public Works
Parks Services
Public Works

1. Summary - Scope Details

Components of the playground equipment at the Westview School (originally development in the 1970's) have reached the end of their life cycle, have been taken out of service and require replacement to maintain service levels. St. Kateri School playground is currently underserved and requires expansion. Multiple components are non-compliant with CSA standards and are in need of replacement. It is necessary to replace these elements to maintain the same services levels provided to the community. There will be no negative impact on the environment, as these are located in existing developed park spaces. The consequences of not completing this work will be a loss of service to the community. Replacing the individual components now will extend the lifecycle of the playground and mitigate the need for a full replacement of the structure. Replacing the components will reduce operational cost and better meet current community needs.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	350,000	-	-	350,000	-	-
2024	350,000	-	-	350,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	700,000	-	-	700,000	-	-

Capital Business Case

Reference Number **24-047**

Total Request \$ **9,000,000**

Project Name Road Surface and Alleyways Improvement

Category

Subcategory (category dependent)

Request Type

Lifecycle
Upgrade - Construction
Multi-Year (existing)

Order Code

602510

Classification

Transportation

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

32 - Road Transport

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Roads Services
Public Works
Engineering
Engineering

1. Summary - Scope Details

This project is for the construction phase of mill and pave, surface improvement and full reconstruction including sidewalks, curbs and gutters. The roads were identified as part of the 3-year Program Development for linear assets within the Urban Service Area.

Many of these roads have become a safety concern for the residents. The assets are exhibiting signs of complete failure. The deterioration of many of these roads accelerated during the post-fire rebuilding process and rehabilitation was delayed until rebuilding efforts were completed.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	1,750,000			1,750,000	-	-
2024	4,000,000	-	-	4,000,000	-	-
2025	3,250,000	-	-	3,250,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	9,000,000	-	-	9,000,000	-	-

Capital Business Case

Reference Number **24-102**

Total Request \$ **1,250,000**

Project Name **2024 Playground Replacements**

Category

Subcategory (category dependent)

Request Type

Project
Design / Design-Build
Multi-Year (new)

Order Code

New #1

Classification

Parks/Recreation

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

73 - Recreation Services

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Parks Services
Public Works
Parks Services
Public Works

1. Summary - Scope Details

This project will replace play structures at Syncrude Athletic Park, St. Marthas School, and Couette Crescent, including playground drainage and surface improvements. All three playgrounds have met their useable lifespan and are not compliant with Canadian Playground Safety Institute (CPSI) standards eventually leading to playground closure. Replacement will result in reducing maintenance costs and providing a more safe play environment, while maintaining the same level of services. There will be no negative impact on the environment as these are in existing developed park spaces. The consequences of not completing this work will be a loss of service.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	600,000	-	-	600,000	-	-
2025	650,000	-	-	650,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	1,250,000	-	-	1,250,000	-	-

Capital Business Case

Reference Number **24-103**

Total Request \$ **300,000**

Project Name **Drainage Improvements (Playgrounds and Outdoor Fitness Modules)**

Category

Subcategory (category dependent)

Request Type

Project
Design / Design-Build
Multi-Year (new)

Order Code

New #2

Classification

Parks/Recreation

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

73 - Recreation Services

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Parks Services
Public Works
Parks Services
Public Works

1. Summary - Scope Details

Wood Buffalo and Dickinsfield (blue/orange module) Playgrounds as well as Outdoor Fitness Modules at Thickwood Trail require drainage improvements to mitigate seasonal and heavy rain drainage issues. Permanent stormwater drainage solution will alleviate additional operational staff actions, provide expected level of services, and extend surfacing materials lifespan. If this work is not completed it will have continued impacts on the maintenance costs and overall facility conditions.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	150,000	-	-	150,000	-	-
2025	150,000	-	-	150,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	300,000	-	-	300,000	-	-

Capital Business Case

Reference Number **24-105**

Total Request \$ **1,800,000**

Project Name **Recreational Trails Lifecycling**

Category

Subcategory (category dependent)

Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (new)

Order Code

New #4

Classification

Parks/Recreation

Project Location Fort McMurray

Ward 1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function 73 - Recreation Services

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Parks Services
Public Works
Parks Services
Public Works

1. Summary - Scope Details

Birchwood Perimeter Asphalt trail has reached its lifecycle as evidenced by major deficiencies such as cracks, potholes, and extensive root damage. Replacement of one kilometer trail is already scheduled to be completed in 2023, requested funds will be used for trail life cycling replacement for the 1.0 kilometer in 2024 and 1.0 kilometers in 2025.

The Lions Park Trail offers access to the riverfront and the lower townsite providing numerous opportunities for a variety of outdoor leisure activities. The trail has shown major deterioration that is beyond the repair capabilities. The estimated linear distance of the trail to be replaced is 1.2 kilometers.

Completed works will increase trails longevity and provide better recreational opportunities for trail users

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	1,200,000	-	-	1,200,000	-	-
2025	600,000	-	-	600,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	1,800,000	-	-	1,800,000	-	-

Capital Business Case

Reference Number **24-203**

Total Request \$ **550,000**

Project Name **Abasand Cemetery Expansion**

Category

Subcategory (category dependent)

Request Type

Project
Design / Design-Build
Single Year

Order Code

New #33

Classification

Parks/Recreation

Project Location **Abasand**

Ward **1 - Fort McMurray**

*Multi-Rural - Please list:

Municipal Function **56 - Cemeteries & Crematoriums**

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Parks Services
Public Works
Parks Services
Public Works

1. Summary - Scope Details

Abasand cemetery is reaching capacity and requires expansion and site realignments to allow for proper burial and perpetual care of the childrens section. Requested funds will be used for site lighting improvements, paving, concrete runners and seasonal mailbox installation, landscaping and fence enhancement, considering space for an additional columbarium. The consequences of not completing this work will be a reduction in provided cemetery services.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	550,000	-	-	550,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	550,000	-	-	550,000	-	-

Capital Business Case

Reference Number **24-204**

Total Request \$ **1,500,000**

Project Name **Anzac Rec Centre Culvert, Asphalt, Curb - Construction**

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Single Year

Order Code

New #34

Classification

Parks/Recreation

Project Location

Anzac

Ward

4 - Conklin/ Janvier/Anzac/Gregoire Lake Estates

*Multi-Rural - Please list:

Municipal Function

72 - Recreation Bldg. & Facility

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Rural Operations (PW)
Public Works
Engineering
Engineering

1. Summary - Scope Details

Anzac Recreation Centre was built in 2014 and is the main recreation facility for the residents of Anzac. Culverts on the entryway into the Anzac Recreation Centre are failing and interfering with the roadway and sidewalk; also creating flooding issues in the Spring. The asphalt parking lot also needs repairs along with the curbs throughout the parking lot.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	1,500,000	-	-	1,500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	1,500,000	-	-	1,500,000	-	-

Capital Business Case

Reference Number **24-205**

Total Request \$ **150,000**

Project Name **Bear Paw Playground Restoration**

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Single Year

Order Code

New #35

Classification

Parks/Recreation

Project Location

Timberlea

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

72 - Recreation Bldg. & Facility

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Parks Services
Public Works
Parks Services
Public Works

1. Summary - Scope Details

This project will replace the Bear Paw playground that was vandalized Fall of 2022. The playground was burned down and has left the community under served. The community has expressed their concerns regarding the damaged playground and replacement timelines. The project scope will include full replacement of the play structure and safety surfacing including drainage installation. If this work is not completed it will impact the community and relations with residents. There are no negative impacts to the environment as this area was previously developed.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	150,000	-	-	150,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	150,000	-	-	150,000	-	-

Capital Business Case

Reference Number **24-206**

Total Request \$ **40,000**

Project Name **New Memorial Park Signs**

Category

Subcategory (category dependent)

Request Type

Project
Design / Design-Build
Single Year

Order Code

New #36

Classification

Parks/Recreation

Project Location

Dickinsfield

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

73 - Recreation Services

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Parks Services
Public Works
Parks Services
Public Works

1. Summary - Scope Details

In response to the naming recommendation for the park area located behind Ecole Dickinsfield and Sister Mary Phillips School, Council has approved the naming request "Lauren Stemmann Children's Park". Council also approved a motion that park in Thickwood, currently known as "Thickwood Park" be renamed "The Jeremy Shook Memorial Park". Requested funds will be used for the installation of park signs in approved areas.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	40,000	-	-	40,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	40,000	-	-	40,000	-	-

Capital Business Case

Reference Number **24-207**

Total Request \$ **200,000**

Project Name **Saprae Creek Raise Overhead Lines**

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Single Year

Order Code

New #37

Classification

Transportation

Project Location

Saprae Creek Estates

Ward

3 - Saprae Creek/Draper

*Multi-Rural - Please list:

Municipal Function

32 - Road Transport

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Rural Operations (PW)
Public Works
Engineering
Engineering

1. Summary - Scope Details

This business case is for the replacement of 34 power poles to raise the lines on existing road crossings, straighten 10 poles and tighten secondaries on 4 poles. After completion of the Rural Water and Sewer projects, the roads were raised causing lower lines at road crossings. This creates a safety concern which will be addressed by raising the overhead lines.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	200,000	-	-	200,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	200,000	-	-	200,000	-	-

2024 Proposed Capital Budget

Presenter: Dennis Warr, Director

Department: Engineering

Meeting Date: December 11 - 14, 2023



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

2024 Capital Budget Summary

Major Category	2023 & Prior Budget	2024 Proposed Budget	2025-2029 Plan	Total Budget
Public Facilities	\$282,300,000	\$12,800,000	\$74,830,000	\$369,930,000
Recreation and Culture	\$ 5,100,000	\$ 8,500,000	\$3,500,000	\$17,100,000
Transportation	\$ 300,000	\$ 2,900,000	\$ -	\$ 3,200,000
TOTAL	\$287,700,000	\$24,200,000	\$78,330,000	\$390,230,000

2024 Capital Project

Project Name:	Fort McKay Community Centre			
Reference No:	24-008	Sponsoring Department: Engineering		
Description:	The project is to address the interest from the Fort McKay Métis Community to develop a cultural centre to be used by the Fort McKay Community members (Métis and First Nation) as well as interested individuals and groups from the Regional Municipality of Wood Buffalo.			
Major Outcomes:	A community gathering place; a facility with capacity to host multiple functions – meetings, festivals, concerts, presentations, sporting events, etc.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$5,100,000	\$8,500,000	\$3,500,000	\$17,100,000	



2024 Capital Project Features



Fort McKay Community Centre

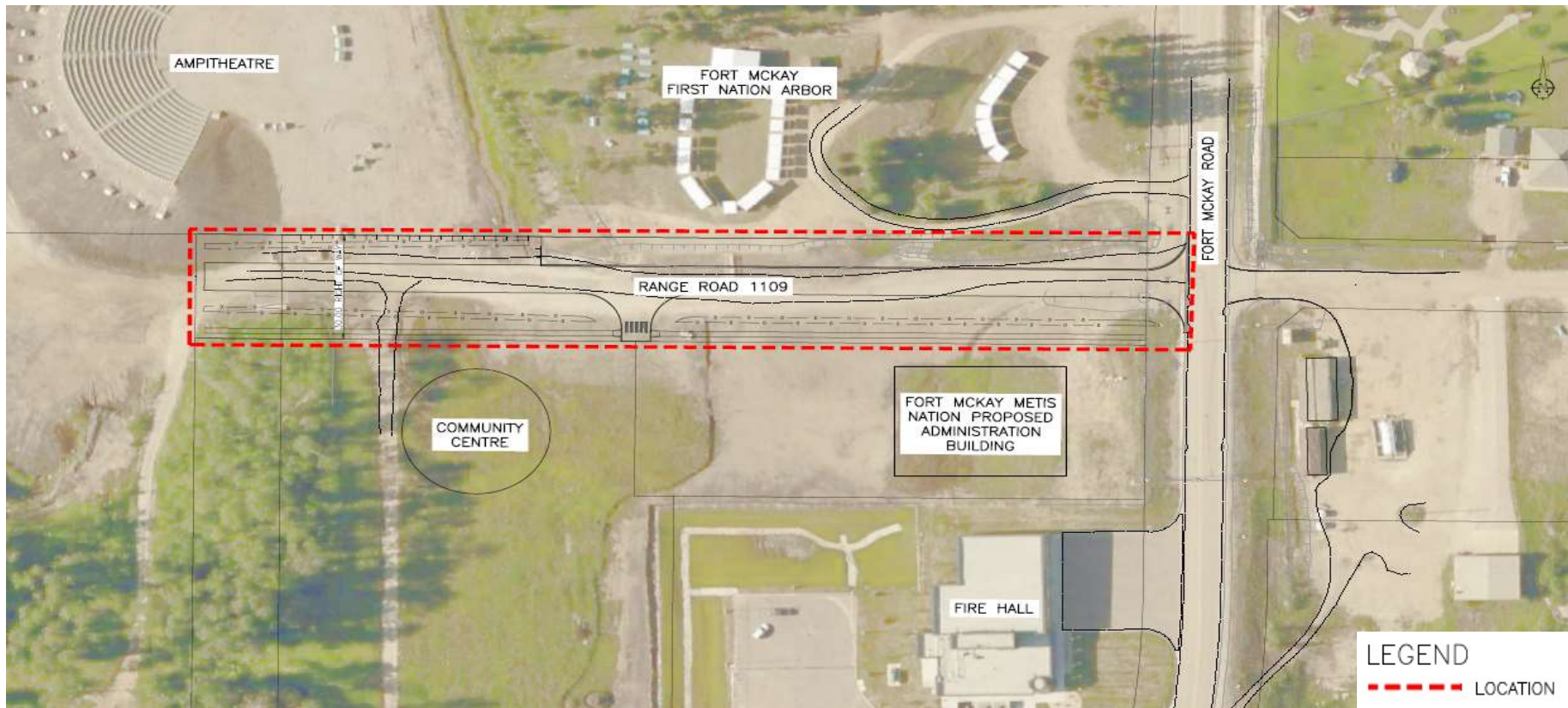
4



2024 Capital Project

Project Name:	Fort McKay Range Road 1109 Improvements – Design and Construction			
Reference No:	24-028	Sponsoring Department: Engineering		
Description:	This project is for design and construction of a local road from Fort McKay main road to the end of the Community Centre on Range Road 1109. The scope also includes underground infrastructure such as water, storm, sanitary lines and other utilities.			
Major Outcomes:	This project will provide all required infrastructure and provide safe access from Fort McKay road to adjacent and future facilities including the Fort McKay Community Centre and the First Nation Amphitheater.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$300,000	\$2,900,000	\$ -	\$3,200,000	

2024 Capital Project Features



Fort McKay Range Road 1109 Improvements - Design and Construction

6



Rural Water Sewer Servicing Program(RWSS)



Rural Water and Sewer Servicing(RWSS)

This program includes the construction of two projects:

1. Rural Infrastructure Rehabilitation
2. Rural Water and Sewer Servicing



2024 Capital Project

Project Name:	Rural Infrastructure Rehabilitation 2015-2017- Construction			
Reference No:	24-004	Sponsoring Department: Engineering		
Description:	This project consists of construction of hot asphalt roads and associated road-side drainage in the southern rural communities of Anzac, Conklin, Draper, Gregoire Lake Estates, Janvier and Saprae Creek Estates. To synergize and reduce the impact to the public, the construction is planned in conjunction with the Rural Water and Sewer Servicing Program (RWSS).			
Major Outcomes:	This project will not only upgrade the roads to engineering standards but also result in economic and environmental benefits.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$104,200,000		\$3,500,000	\$16,200,000	\$123,900,000

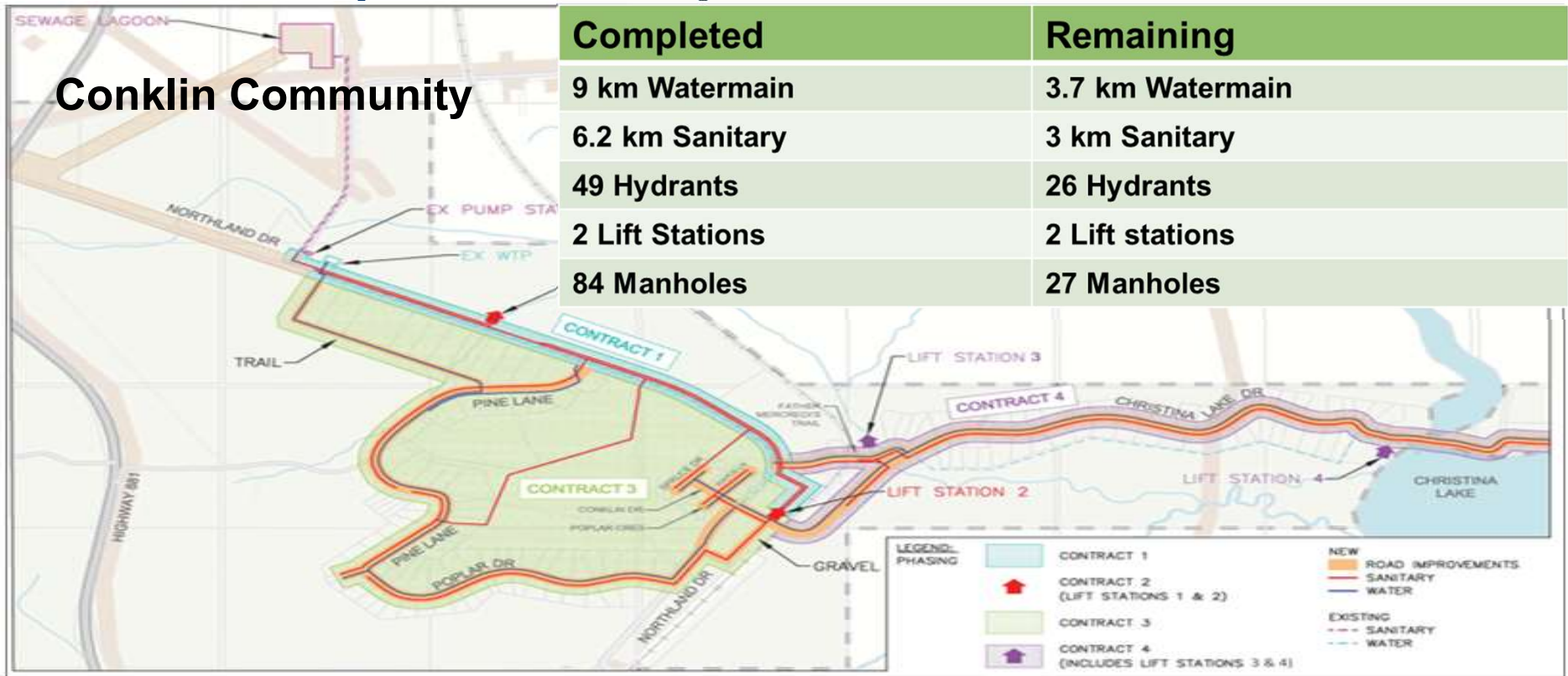


2024 Capital Project

Project Name:	Rural Water and Sewer Servicing - Construction			
Reference No:	24-003	Sponsoring Department: Engineering		
Description:	This project is for the construction of water and sanitary systems consisting of water and sanitary mains up to the property lines and all related infrastructure such as lift sanitary stations, manholes, cleanouts, water reservoir, pump house and hydrants in Anzac, Conklin, Gregoire Lake Estates, Janvier and Saprae Creek Estates. This portion will be constructed within Municipal Right-of-Way up to private property lines.			
Major Outcomes:	This project will bring piped water and sewer services, and result in economic and environmental benefits.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$165,100,000		\$6,300,000	\$25,800,000	\$197,200,000



2024 Capital Project Features



All contracts are substantially completed except the contracts for Christina Lake Drive and Father Mercredi's Trail

Service Connection

2024 Capital Project

Project Name:	Service Connection (Rural Water Sewer Servicing)			
Reference No:	24-035	Sponsoring Department: Engineering		
Description:	This project is for design and construction of water and sewer systems on private lots. This project will enable existing residential lots to connect to the piped water and sanitary mains already installed up to the property lines under the Rural Water and Sewer Servicing Program.			
Major Outcomes:	The provision of piped water and sewer system will eliminate the need for trucked water, wastewater collection, private wastewater disposal, and will accordingly result in environmental and social benefits for these communities.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$13,000,000	\$3,000,000	\$32,830,000	\$48,830,000	

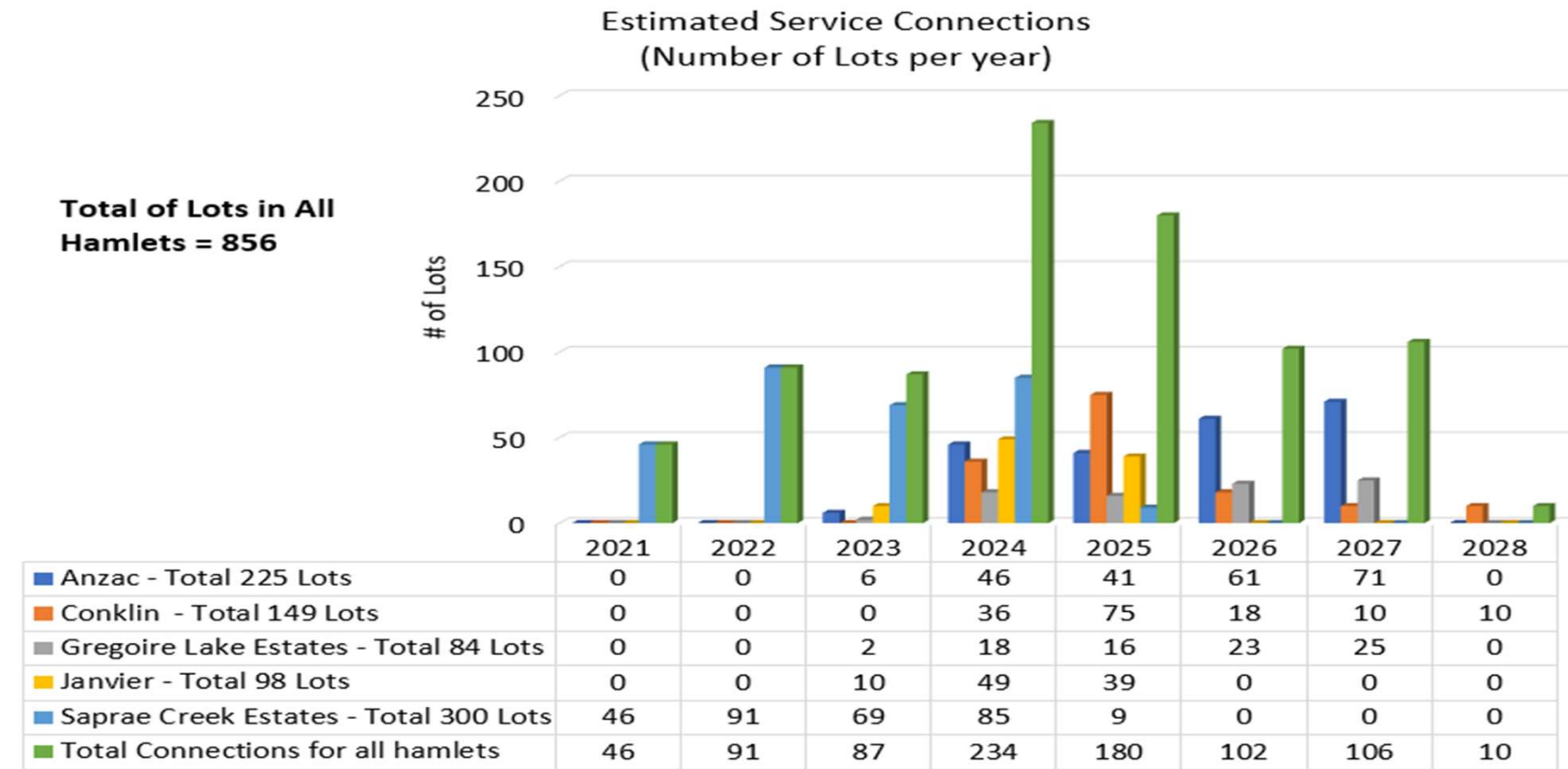


2024 Capital Project Features

Out of 856 lots, we have completed:

- 137 in 2022 & 2021
- 59 in 2023 to date

2024 Capital Project Features



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Thank You



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

ENGINEERING

Legend - By Type	
Other than first year of a multi-year project	
First year of a multi-year project	
Single year project	
Equipment Project	

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-001	2014	Flood Mitigation - Construction	ENG	ENG	Public Facilities	102,000,000	33,800,000	-	33,800,000	50,425,000	26,600,000	18,500,000	8,400,000	-	239,725,000
24-002	2014	Flood Mitigation - Design	ENG	ENG	Public Facilities	6,652,908	1,000,000	-	1,000,000	-	-	-	-	-	7,652,908
24-003	2014	Rural Water and Sewer Servicing - Construction	ENG	ENG	Public Facilities	165,100,000	6,300,000	-	6,300,000	9,800,000	6,600,000	4,700,000	4,700,000	-	197,200,000
24-004	2015	Rural Infrastructure Rehabilitation 2015-2017-Construction	ENG	ENG	Public Facilities	104,200,000	3,500,000	-	3,500,000	6,200,000	4,400,000	2,800,000	2,800,000	-	123,900,000
24-008	2019	Fort McKay Community Centre	ENG	ENG	Recreation & Culture	5,100,000	8,500,000	-	8,500,000	3,500,000	-	-	-	-	17,100,000
24-028	2022	Fort McKay Range Road 1109 Improvements - Design and Construction	ENG	ENG	Transportation	300,000	2,900,000	-	2,900,000	-	-	-	-	-	3,200,000
24-035	2022	Service Connection (Rural Water Sewer Servicing)	ENG	ENG	Public Facilities	13,000,000	3,000,000	-	3,000,000	5,700,000	11,550,000	15,580,000	-	-	48,830,000
Total						396,352,908	59,000,000	-	59,000,000	75,625,000	49,150,000	41,580,000	15,900,000	-	637,607,908

Plan Year Projects

24-015	2020	Secondary Egress Road - Construction	ENG	ENG	Transportation	3,500,000	-	-	-	23,000,000	23,000,000	18,000,000	-	5,000,000	72,500,000
24-033	2022	Rural Egress Road Janvier - Construction	ENG	ENG	Transportation	100,000	-	-	-	10,000,000	12,000,000	3,000,000	-	-	25,100,000
24-048	2023	Rural Egress Road - Fort McKay - Design	ENG	ENG	Transportation	400,000	-	-	-	500,000	-	-	-	-	900,000
24-116	2025	Rural Egress Road Fort McKay - Construction	ENG	ENG	Transportation	-	-	-	-	9,950,000	6,000,000	-	-	-	15,950,000
24-123	2025	Urban Infrastructure Rehab Pre-design & Design 2025 - 2027	ENG	ENG	Public Facilities	-	-	-	-	1,500,000	1,300,000	700,000	-	-	3,500,000
24-224	2025	Four Lanings Franklin Avenue - Morrison to Hardin Street	ENG	ENG	Transportation	-	-	-	-	1,500,000	-	-	-	-	1,500,000
24-235	2025	Rural Egress Road Anzac -Construction	ENG	ENG	Transportation	-	-	-	-	10,000,000	-	-	-	-	10,000,000
24-236	2025	Rural Egress Road - Conklin - Design	ENG	ENG	Transportation	-	-	-	-	350,000	-	-	-	-	350,000
24-237	2025	Rural Egress Road Conklin - Construction	ENG	ENG	Transportation	-	-	-	-	1,300,000	-	-	-	-	1,300,000
Total						4,000,000	-	-	-	58,100,000	42,300,000	21,700,000	-	5,000,000	131,100,000

Engineering Total	400,352,908	59,000,000	-	59,000,000	133,725,000	91,450,000	63,280,000	15,900,000	5,000,000	768,707,908
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Capital Business Case

Reference Number **24-003**

Total Request \$ **197,200,000**

Project Name Rural Water and Sewer Servicing - Construction

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

600953

Classification

Environmental

Project Location

Multi Rural

Ward

Multi-Rural

*Multi-Rural - Please list:

Anzac, Conklin, Gregoire Lake Estate, Janvier, Saprae Creek Estates

Municipal Function

42 - Sanitary Sew - Coll/Disposal

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Engineering
Engineering
Engineering
Engineering

1. Summary - Scope Details

This project is for the construction of water and sanitary systems including water and sanitary mains up to the property lines and all related infrastructure such as lift stations, manholes, cleanouts, water reservoir, pump house and fire hydrant in Anzac, Conklin, Gregoire Lake Estates, Janvier and Saprae Creek Estates. This project will be constructed within Municipal Right-of-Way up to the private property line. A full pressure water and gravity sewer system is scoped for Anzac, Conklin and Gregoire Lake Estates, whereas a trickle fill water system and a low pressure sewer system is scoped for the community of Janvier. Saprae Creek Estates already has a piped water system, but requires an upgrade to accommodate fire suppression flow. A low pressure piped sewer system is also a part of the scope for Saprae Creek Estates.

The scope includes installation of approximately 52 Km of watermain, 87 Km of sanitary main, more than 307 hydrants, 12 lift stations, one water reservoir and pump house.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	165,100,000	250,000	54,686,049	110,163,951	-	-
2024	6,300,000	-	-	6,300,000	-	-
2025	9,800,000	-	-	9,800,000	-	-
2026	6,600,000	-	-	6,600,000	-	-
2027	4,700,000	-	-	4,700,000	-	-
2028	4,700,000	-	-	4,700,000	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	197,200,000	250,000	54,686,049	142,263,951	-	-

Capital Business Case

Reference Number **24-004**

Total Request \$ **123,900,000**

Project Name Rural Infrastructure Rehabilitation 2015-2017-Construction

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

601126

Classification

Transportation

Project Location

Multi Rural

Ward

Multi-Rural

*Multi-Rural - Please list:

Anzac, Conklin, Draper, Gregoire Lake Estates, Janvier, Sapræ Creek Estates

Municipal Function

32 - Road Transport

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Engineering
Engineering
Engineering
Engineering

1. Summary - Scope Details

The Rural Infrastructure Rehabilitation-Construction is initiated for the selected roads in the southern rural communities of Anzac, Conklin, Draper, Gregoire Lake Estates, Janvier and Sapræ Creek Estates that are prioritized for rehabilitation.

The project is being implemented in conjunction with the Rural Water and Sewer Servicing project. Most of the roads in the southern communities are being excavated full width for the installation of water and sewer pipes. It is therefore prudent to upgrade these roads to full width and full depth, as per Engineering Services Standards for rural areas. Walkways/Sidewalks, curb and gutter will only be constructed where warranted in terms of budget and safety. Previous budget request was based on engineering estimate.

The scope includes the upgrading of existing drainage culverts to the bigger size to accommodate road surface drainage only. The proposed road upgrade will result in reduced operations costs and improved environmental and public appeal.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	104,200,000	-	87,000,000	17,026,946	173,054	-
2024	3,500,000	-	-	3,500,000	-	-
2025	6,200,000	-	-	6,200,000	-	-
2026	4,400,000	-	-	4,400,000	-	-
2027	2,800,000	-	-	2,800,000	-	-
2028	2,800,000	-	-	2,800,000	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	123,900,000	-	87,000,000	36,726,946	173,054	-

Capital Business Case

Reference Number **24-008**

Total Request \$ **17,100,000**

Project Name **Fort McKay Community Centre**

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

601862

Classification

Cultural & Historical

Project Location

Fort McKay

Ward

2 - Fort Chipewyan/Fort McKay

*Multi-Rural - Please list:

Municipal Function

74 - Cultural Bldg. & Facility

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Engineering
Engineering
Engineering
Engineering

1. Summary - Scope Details

The project is to address the interest from the Fort McKay Métis Community to develop a cultural centre to be used by the Fort McKay Community members (Métis and First Nation) as well as interested individuals and groups from the Regional Municipality of Wood Buffalo.

The intent is to provide the following:

- A community gathering place;
- A location to teach cultural history;
- A facility that unifies community members and strengthens a sense of pride in the community;
- A facility with capacity to host multiple functions – meetings, festivals, concerts, presentations, sporting events, youth events, elder events, conferences, Parties, movie nights, etc.;

The project scope includes fixtures, furniture and equipment, etc

2. STRATEGIC PLAN GOAL

Support opportunities and community partnerships that help promote a positive image of Wood Buffalo

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	5,100,000	-	-	5,100,000	-	-
2024	8,500,000	-	-	8,500,000	-	-
2025	3,500,000	-	-	3,500,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	17,100,000	-	-	17,100,000	-	-

Capital Business Case

Reference Number **24-028**

Total Request \$ **3,200,000**

Project Name Fort McKay Range Road 1109 Improvements - Design & Construction

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

602409

Classification

Transportation

Project Location

Fort McKay

Ward

2 - Fort Chipewyan/Fort McKay

*Multi-Rural - Please list:

Municipal Function

32 - Road Transport

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Engineering
Engineering
Engineering
Engineering

1. Summary - Scope Details

This project is for design and construction of a local road from Fort McKay main road to the end of the community Centre on the Range Road 1109. The scope also includes underground infrastructure such as water, storm, sewer and sanitary lines.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	300,000	-	-	300,000	-	-
2024	2,900,000	-	-	2,900,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	3,200,000	-	-	3,200,000	-	-

Capital Business Case

Reference Number **24-035**

Total Request \$ **48,830,000**

Project Name Service Connection (Rural Water Sewer Servicing)

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

601906

Classification

Environmental

Project Location

Multi Rural

Ward

Multi-Rural

*Multi-Rural - Please list:

Anzac, Conklin, Gregoire Lake Estates, Janvier, Saprae Creek Estates

Municipal Function

42 - Sanitary Sew - Coll/Disposal

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Engineering
Engineering
Engineering
Engineering

1. Summary - Scope Details

The purpose of this project is to complete the ongoing Rural Water and Sewer Servicing (RWSS) Program . Under the RWSS program piped water and sanitary pipes were designed and constructed up to the private properties.

This project will include design and construction of service connections (small diameter water and sanitary pipes, septic tanks, water cistern and associated decommissioning and restoration of yards and driveways) on the private properties in the five southern hamlets of Anzac, Conklin, Gregoire Lake Estates, Janvier and Saprae Creek Estates.

Currently these hamlets are on trucked water supply (except Saprae Creek Estates which has a piped water and few houses in Anzac, Conklin, and Janvier that have piped water) and wastewater collection (except houses with private septic fields). As per the Council approved Service Connection Plan, this project will be available for five years from the date the service connection is available for hook up in each hamlet and it will be implemented after the main infrastructure i.e. water and sanitary pipes, sanitary lift stations, water reservoir and pump house, manholes hydrants, flush points, etc. are constructed. The implementation of RWSS Service Connection is governed by Rural Area Water and Wastewater Service Connection Bylaw 20/009 approved by Council in May 2020.

2. STRATEGIC PLAN GOAL

Support opportunities and community partnerships that help promote a positive image of Wood Buffalo

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	13,000,000	-	-	11,212,000	1,788,000	-
2024	3,000,000	-	-	1,590,000	1,410,000	-
2025	5,700,000	-	-	5,700,000	-	-
2026	11,550,000	-	-	11,550,000	-	-
2027	15,580,000	-	-	15,580,000	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	48,830,000	-	-	45,632,000	3,198,000	-

2024 Proposed Capital Budget – Flood Mitigation

Presenter: Dennis Warr, Director

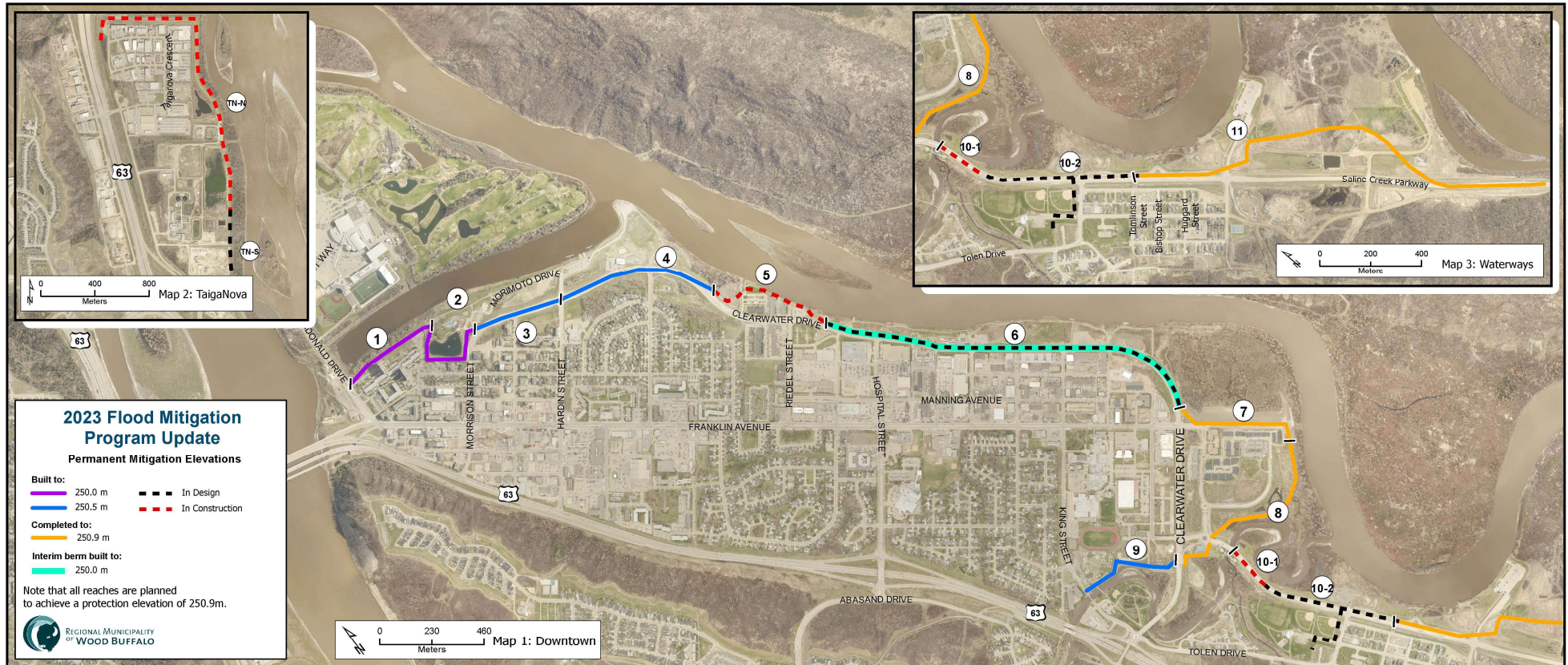
Department: Engineering

Meeting Date: December 11 – 14, 2023

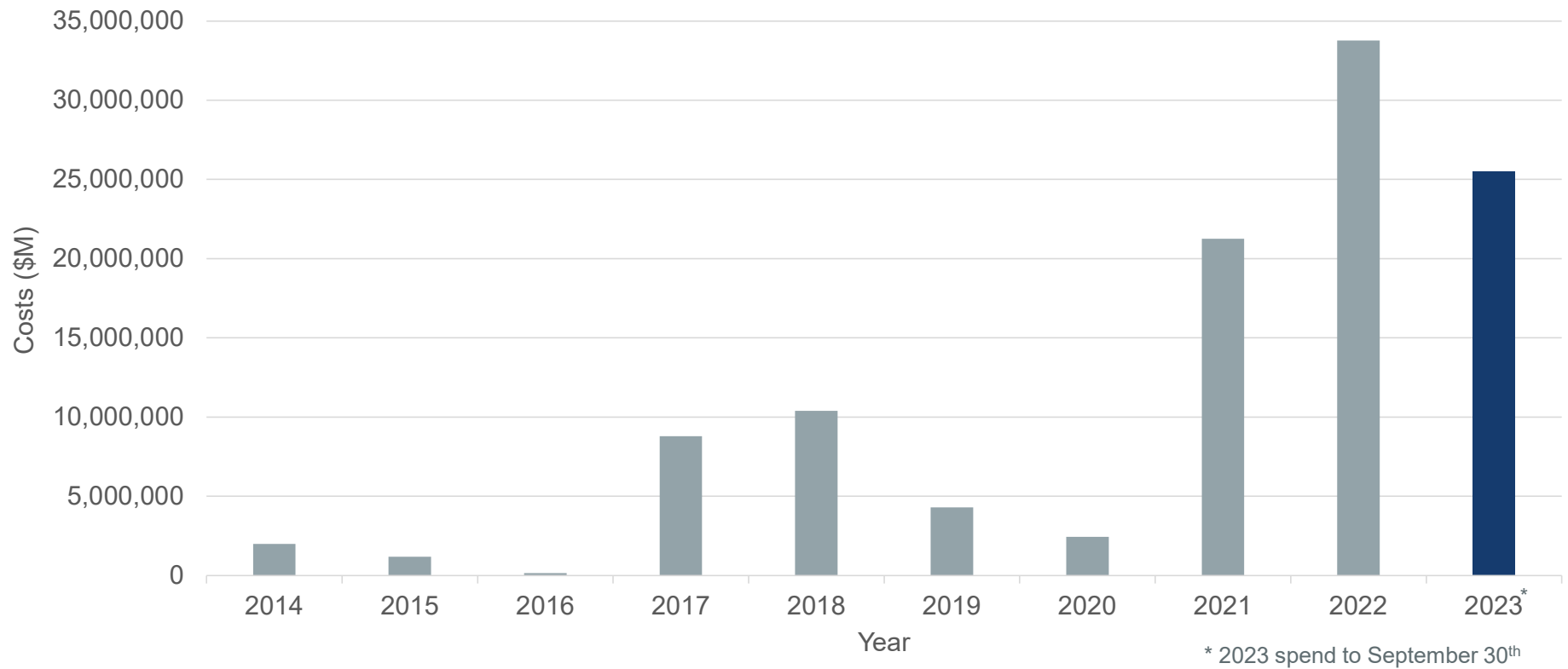


REGIONAL MUNICIPALITY
OF WOOD BUFFALO

Flood Mitigation Framework Map



Financial Overview: Spend per Year



2024 Capital Project – Design

Project Name:	Flood Mitigation - Design		
Reference No:	24-002	Sponsoring Department: Engineering	
Description:	This project is for the design phase for Downtown, Waterways and TaigaNova areas for ice-jam and open water floods for the 1:200-year return period. The finished designs will use a combination of elevated roads, berms, and retaining walls.		
Major Outcomes:	Providing flood protection to citizens, properties and infrastructure.		
Multi Year Project			
2023 & Prior Budget	2024 Budget Request	2025-2028 Plan	Total Budget All Years
\$6,652,908	\$1,000,000	\$ -	\$7,652,908

2024 Capital Project Request - Design

Stage 1 – Original Scope	
Project	Proposed Budget
None	\$ -
Stage 2 – Additional Scope	
TaigaNova South	\$ 180,000
Reach 9 Enhancements	\$ 150,000
Hangingstone Expansion Area	\$ 520,000
Stage 3 – Additional Scope	
Reach 8 Bank Stabilization	\$ 150,000
Total Request:	\$ 1,000,000

2024 Capital Project – Construction

Project Name:	Flood Mitigation - Construction		
Reference No:	24-001	Sponsoring Department: Engineering	
Description:	This project is for the construction phase for Downtown, Waterways and TaigaNova areas for ice-jam and open water floods for the 1:200-year return period. The project will use a combination of elevated roads, berms, and retaining walls.		
Major Outcomes:	Providing flood protection to citizens, properties and infrastructure.		
Multi Year Project			
2023 & Prior Budget	2024 Budget Request	2025-2028 Plan	Total Budget All Years
\$102,000,000	\$33,800,000	\$103,925,000	\$239,725,000



2024 Capital Project Request - Construction

Project	2024	2025	2026	2027	2028
Stage 1					
Reach 5	\$ 6,900,000	-	-	-	-
Reach 6	-	\$ 9,200,000	\$ 18,500,000	\$ 18,500,000	\$ 8,400,000
Reach 10-2	\$ 9,000,000	\$ 16,420,000	-	-	-
Stage 2					
TaigaNova North	\$ 11,200,000	\$ 7,300,000	-	-	-
TaigaNova South	-	\$ 9,920,000	-	-	-
Reach 1-4 Enhancements	-	-	\$ 6,500,000	-	-
Reach 9 Enhancements	-	\$ 1,000,000	-	-	-
Hangingstone Expansion Area	-	\$ 3,900,000	\$ 1,600,000	-	-
Underground Enhancements	\$ 6,700,000	\$ 1,600,000	-	-	-
Stage 3					
Reach 8 Bank Stabilization	-	\$ 1,085,000	-	-	-
Annual Total					
Total:	\$ 33,800,000	\$ 50,425,000	\$ 26,600,000	\$ 18,500,000	\$ 8,400,000

7 

Thank You



ENGINEERING

Legend - By Type	
Other than first year of a multi-year project	
First year of a multi-year project	
Single year project	
Equipment Project	

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-001	2014	Flood Mitigation - Construction	ENG	ENG	Public Facilities	102,000,000	33,800,000	-	33,800,000	50,425,000	26,600,000	18,500,000	8,400,000	-	239,725,000
24-002	2014	Flood Mitigation - Design	ENG	ENG	Public Facilities	6,652,908	1,000,000	-	1,000,000	-	-	-	-	-	7,652,908
24-003	2014	Rural Water and Sewer Servicing - Construction	ENG	ENG	Public Facilities	165,100,000	6,300,000	-	6,300,000	9,800,000	6,600,000	4,700,000	4,700,000	-	197,200,000
24-004	2015	Rural Infrastructure Rehabilitation 2015-2017-Construction	ENG	ENG	Public Facilities	104,200,000	3,500,000	-	3,500,000	6,200,000	4,400,000	2,800,000	2,800,000	-	123,900,000
24-008	2019	Fort McKay Community Centre	ENG	ENG	Recreation & Culture	5,100,000	8,500,000	-	8,500,000	3,500,000	-	-	-	-	17,100,000
24-028	2022	Fort McKay Range Road 1109 Improvements - Design and Construction	ENG	ENG	Transportation	300,000	2,900,000	-	2,900,000	-	-	-	-	-	3,200,000
24-035	2022	Service Connection (Rural Water Sewer Servicing)	ENG	ENG	Public Facilities	13,000,000	3,000,000	-	3,000,000	5,700,000	11,550,000	15,580,000	-	-	48,830,000
Total						396,352,908	59,000,000	-	59,000,000	75,625,000	49,150,000	41,580,000	15,900,000	-	637,607,908

Plan Year Projects

24-015	2020	Secondary Egress Road - Construction	ENG	ENG	Transportation	3,500,000	-	-	-	23,000,000	23,000,000	18,000,000	-	5,000,000	72,500,000
24-033	2022	Rural Egress Road Janvier - Construction	ENG	ENG	Transportation	100,000	-	-	-	10,000,000	12,000,000	3,000,000	-	-	25,100,000
24-048	2023	Rural Egress Road - Fort McKay - Design	ENG	ENG	Transportation	400,000	-	-	-	500,000	-	-	-	-	900,000
24-116	2025	Rural Egress Road Fort McKay - Construction	ENG	ENG	Transportation	-	-	-	-	9,950,000	6,000,000	-	-	-	15,950,000
24-123	2025	Urban Infrastructure Rehab Pre-design & Design 2025 - 2027	ENG	ENG	Public Facilities	-	-	-	-	1,500,000	1,300,000	700,000	-	-	3,500,000
24-224	2025	Four Lanings Franklin Avenue - Morrison to Hardin Street	ENG	ENG	Transportation	-	-	-	-	1,500,000	-	-	-	-	1,500,000
24-235	2025	Rural Egress Road Anzac -Construction	ENG	ENG	Transportation	-	-	-	-	10,000,000	-	-	-	-	10,000,000
24-236	2025	Rural Egress Road - Conklin - Design	ENG	ENG	Transportation	-	-	-	-	350,000	-	-	-	-	350,000
24-237	2025	Rural Egress Road Conklin - Construction	ENG	ENG	Transportation	-	-	-	-	1,300,000	-	-	-	-	1,300,000
Total						4,000,000	-	-	-	58,100,000	42,300,000	21,700,000	-	5,000,000	131,100,000

Engineering Total	400,352,908	59,000,000	-	59,000,000	133,725,000	91,450,000	63,280,000	15,900,000	5,000,000	768,707,908
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Capital Business Case

Reference Number **24-001**

Total Request \$ **239,725,000**

Project Name **Flood Mitigation - Construction**

Category
Subcategory (category dependent)
Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code **600870 (Group)**
Classification Community Resilience

Project Location Fort McMurray
Ward 1 - Fort McMurray
*Multi-Rural - Please list:
Municipal Function 29 - Other Protective Services

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Engineering
Engineering
Engineering
Engineering

1. Summary - Scope Details

The downtown core of Fort McMurray has a long history of ice jam floods due to the Clearwater/Athabasca River confluence, and more recently experienced an open water flood of the Hangingstone River in 2013. The capital Flood Mitigation Program initiated after the 2013 flood was to build structural flood mitigation to the 1:100 ice jam flood elevation. In fall 2020, Council directed that the 1:200 elevation be used. This project provides flood mitigation to the 1:200 flood elevation using a combination of elevated roads, berms, and retaining walls.

From 2020 - 2023, the Flood Mitigation Program included seasonal flood mitigation and underground improvements. Beginning in 2024, seasonal flood mitigation costs are budgeted outside of the Flood Mitigation program.

2. STRATEGIC PLAN GOAL

Conclude flood mitigation infrastructure investments

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	102,000,000	3,451,996	16,391,133	82,156,871	-	-
2024	33,800,000	-	-	33,800,000	-	-
2025	50,425,000	-	-	50,425,000	-	-
2026	26,600,000	-	-	26,600,000	-	-
2027	18,500,000	-	-	18,500,000	-	-
2028	8,400,000	-	-	8,400,000	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	239,725,000	3,451,996	16,391,133	219,881,871	-	-

Capital Business Case

Reference Number **24-002**

Total Request \$ **7,652,908**

Project Name Flood Mitigation - Design

Category

Subcategory (category dependent)

Request Type

Project
Design / Design-Build
Multi-Year (existing)

Order Code

600871

Classification

Public Safety

Project Location

Lower Townsite

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

29 - Other Protective Services

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Engineering
Engineering
Engineering
Engineering

1. Summary - Scope Details

This project was first initiated in 2014 to provide aboveground structural mitigation against overland flooding in the Lower Townsite area of Fort McMurray. Initial work was for the 1:100 flood elevation; in late 2020, Council directed that mitigation be built for the 1:200 flood elevation. From 2020 - 2023, temporary/seasonal mitigation and underground improvements were funded out of the Flood Mitigation Program budget. Although new projects for those scopes will be funded separately in the future, there may still commitments in the original Flood Mitigation Program I/O.

2. STRATEGIC PLAN GOAL

Conclude flood mitigation infrastructure investments

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	6,652,908	-	-	6,652,908	-	-
2024	1,000,000	-	-	1,000,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	7,652,908	-	-	7,652,908	-	-

2024 Proposed Capital Budget

Presenter: Antoine Rempp, Director

Department: Environmental Services

Meeting Date: December 11 - 14, 2023



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

2024 Capital Budget Summary

Major Category	2023 & Prior Budget	2024 Proposed Budget	2025-2029 Plan	Total Budget
Public Facilities	\$58,970,000	\$49,712,000	\$59,284,000	\$167,966,000
Recreation and Culture	\$ -	\$ -	\$ -	\$ -
Transportation	\$ -	\$ -	\$ -	\$ -
TOTAL	\$58,970,000	\$49,712,000	\$59,284,000	\$167,966,000

2024 Capital Project

Project Name:	Abasand Pumphouse Membrane Replacement & Optimization		
Reference No:	24-038	Sponsoring Department: Environmental Services	
Description:	The Abasand Pumphouse (ABPH) was taken offline in 2020 for rehabilitation. There were optimization items identified by the commissioning team that were not included in the rehabilitation scope. These items are required for operational efficiency and maintaining the system integrity of the underground infrastructure (reservoir roof membrane and water supply piping).		
Major Outcomes:	Maximum life expectancy of the asset, standardization of equipment and sustained level of service to the residents.		
Multi Year Project			
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$500,000	\$300,000	\$1,300,000	\$2,100,000

2024 Capital Project Features



2024 Capital Project

Project Name:	Conklin Water Treatment Plant Upgrades - Construction			
Reference No:	24-026	Sponsoring Department: Environmental Services		
Description:	The Conklin Water Treatment Plant (WTP) is a remote facility accessible via Highway 881. The WTP currently operates as a single treatment train with no redundancy. This project will install the components necessary to operate a second treatment train with a new process control system. A second treatment train will provide redundancy and allow for continuous operation of the WTP in case of equipment failure or when inclement weather prevents staff from travelling on Highway 881.			
Major Outcomes:	Redundancy, capability to operate during marginal weather conditions, and more reliable process control system to maintain regulatory compliance.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$3,100,000		\$1,212,000	\$ -	\$4,312,000



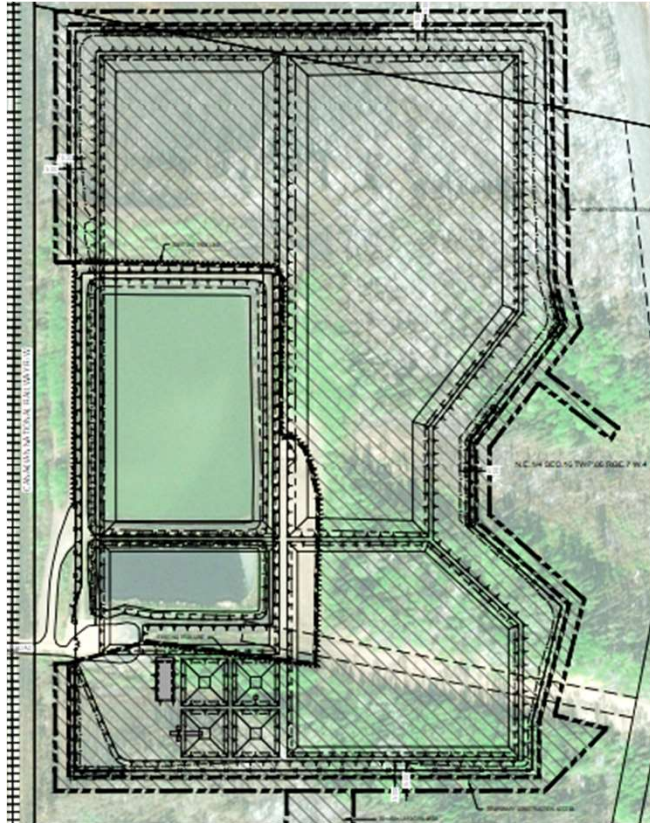
2024 Capital Project Features



2024 Capital Project

Project Name:	Anzac Lagoon Expansion - Design & Construction		
Reference No:	24-011	Sponsoring Department: Environmental Services	
Description:	The existing Anzac Lagoon is under capacity and needs to be expanded to accommodate the increased flow coming from the Rural Water and Sewer Servicing Program (RWSS). Along with the lagoon expansion, the Anzac Lift Station #1 and the existing Forcemain also require an upgrade to accommodate the new flow conditions.		
Major Outcomes:	Modifications to the existing Lift Station and Forcemain, and expansion of the Anzac Lagoon.		
Multi Year Project			
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$10,500,000	\$12,000,000	\$12,000,000	\$34,500,000

2024 Capital Project Features



2024 Capital Project

Project Name:		Fort McKay MIEX Project					
Reference No:		24-104	Sponsoring Department: Environmental Services				
Description:		The Fort McKay Water Treatment Plant treats water from the Ells River. The river water has been historically high in dissolved organic compounds (DOCs), and over the past few years, the river organic loading has increased. Treatment and disinfection of the water is difficult with high organic loading and results in the potable water regularly exceeding the maximum acceptable concentration (MAC) limits for disinfection byproducts (DBPs). A pretreatment MIEX system is required to address DBP concerns.					
Major Outcomes:		Continue to meet regulatory requirements for potable water.					
Multi Year Project							
2023 & Prior Budget		2024 Budget Request		2025-2029 Plan		Total Budget All Years	
\$ -		\$900,000		\$2,100,000		\$3,000,000	

2024 Capital Project Features



10

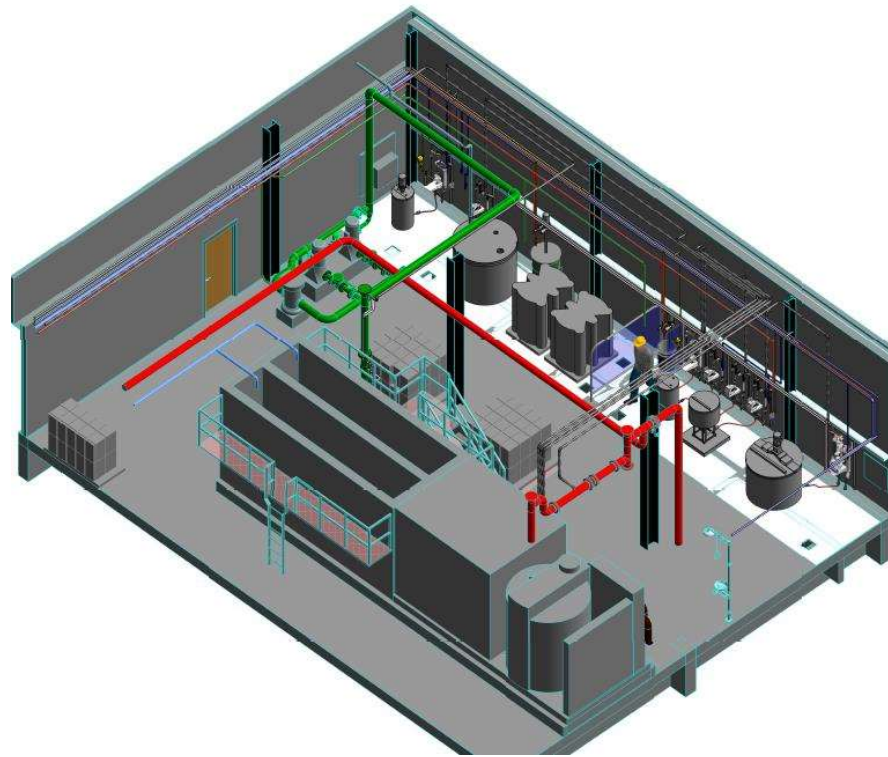


2024 Capital Project

Project Name:	Fort McKay WTP Chemical System - Construction			
Reference No:	24-044	Sponsoring Department: Environmental Services		
Description:	Replacement of the Fort McKay Water Treatment Plant Chemical System was the top priority item to complete from the list of recommendations in the 2020 condition assessment report. The scope includes the replacement of chemical systems to meet industry best practices for secondary containment and labelling and the demolition of chemical systems no longer in use. The design is complete and ready to tender for construction.			
Major Outcomes:	Maintains compliance, ensures employee safety, and improves reliability & efficient troubleshooting.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$500,000		\$700,000	\$300,000	\$1,500,000



2024 Capital Project Features

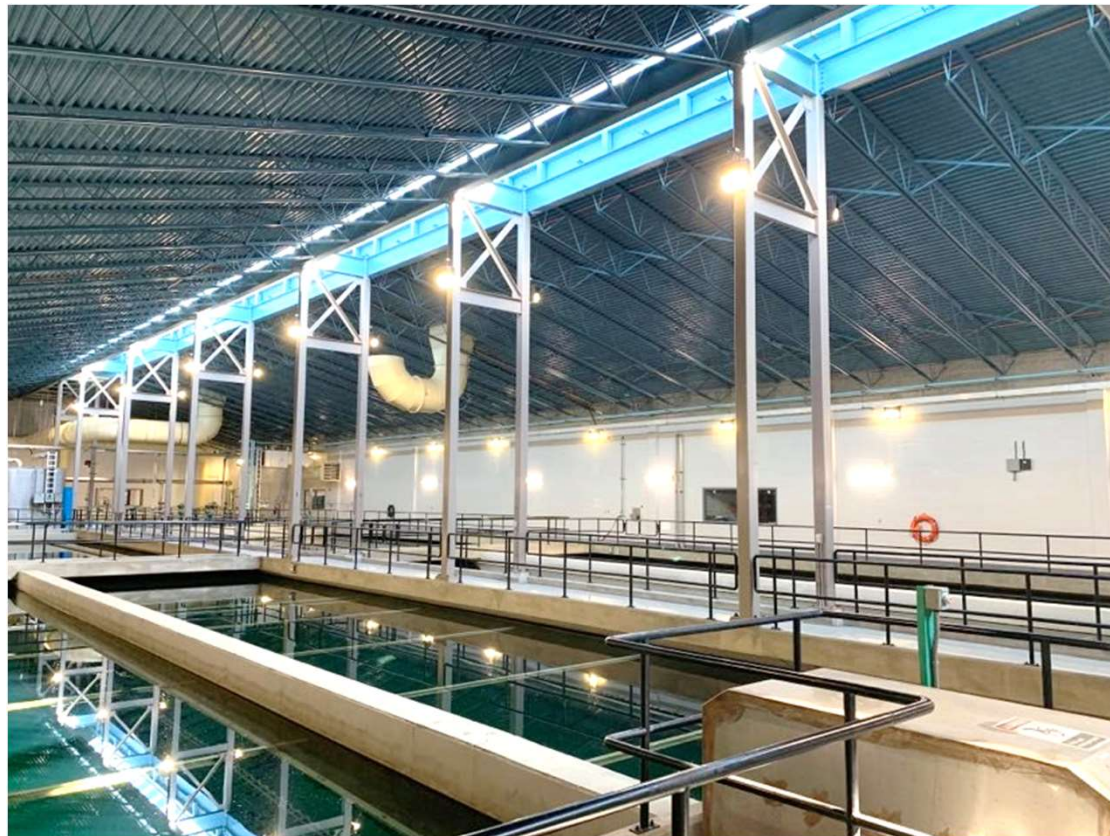


2024 Capital Project

Project Name:	Fort McMurray Crossflow Clarifier Lifecycle - Construction			
Reference No:	24-029	Sponsoring Department: Environmental Services		
Description:	The Crossflow Clarifiers at the Fort McMurray Water Treatment Plant are 35 years old. Refurbishment of the concrete tanks and replacement of the sludge collection system has begun and supports the rehabilitation recommendations from the integrity assessment report on the clarifiers.			
Major Outcomes:	Maintain regulatory compliance, reduced maintenance cost and extended useful life of the tanks.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$2,670,000	\$2,000,000	\$500,000	\$5,170,000	



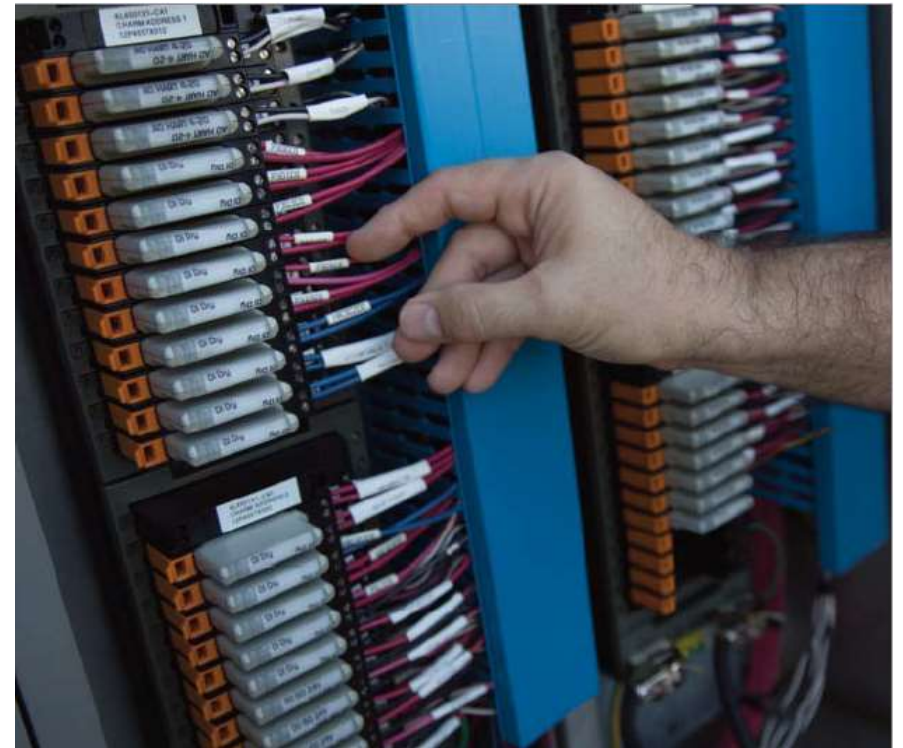
2024 Capital Project Features



2024 Capital Project

Project Name:	Regional Control System Replacements - Design & Construction			
Reference No:	24-032	Sponsoring Department: Environmental Services		
Description:	This project is required to ensure the control system components related to the regional waterworks are replaced prior to becoming obsolete and no longer supported by suppliers. Some of the current control systems will be obsolete by 2026, and the proposed replacement components will be phased in over the next 3-5 years.			
Major Outcomes:	Improved cybersecurity, increased reliability, system redundancy, standardization of equipment, improved troubleshooting ability and avoidance of obsolescence.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan		Total Budget All Years
\$3,800,000	\$4,500,000	\$7,950,000		\$16,250,000

2024 Capital Project Features



2024 Capital Project

Project Name:	Timberlea Reservoir & Pumphouse - Design & Construction			
Reference No:	24-022	Sponsoring Department: Environmental Services		
Description:	The Timberlea Reservoir and Pumphouse have been in service since 1981. They are at the end of their design life. This project is to refurbish the Reservoir and Pumphouse to continue to meet the needs of the community. The pumphouse will be upgraded to current design specifications, and the reservoir will include additional capacity for alignment with the current and projected population.			
Major Outcomes:	Optimize pumphouse to provide operational flexibility and allow regular maintenance to extend the life of the reservoir and pumphouse.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request		2025-2029 Plan	Total Budget All Years
\$900,000	\$1,000,000		\$15,000,000	\$16,900,000



2024 Capital Project Features



2024 Capital Project

Project Name:	Water Treatment Plant (WTP) Overflow Piping Isolation			
Reference No:	24-106	Sponsor Department: Environmental Services		
Description:	The Fort McMurray Water Treatment Plant potable water overflow system is tied to the stormwater collection system, discharging to the Athabasca River through a common overflow/storm outfall. In the 2020 flood, river water flowed into the common system contaminating the potable water reservoir and subsequently, the entire distribution system for the city. This project will permanently separate the potable water overflow system from the storm collection system and provide isolation from the Athabasca River for protection from future floods.			
Major Outcomes:	Improved system reliability, segregation of storm collection from the treated water infrastructure, regulatory compliance of potable water overflow system.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -		\$100,000	\$2,884,000	\$2,984,000



2024 Capital Project Features



2024 Capital Project

Project Name:	Wastewater Treatment Plant (WWTP) Process Improvement - Design & Construction			
Reference No:	24-023	Sponsor Department: Environmental Services		
Description:	The Fort McMurray Wastewater Treatment Plant facility was designed in 2005 and critical components of the plant require replacement for lifecycle management. The replacements will improve access to critical equipment, enhance operational efficiencies, promote maintainability and reduce costs associated with maintenance.			
Major Outcomes:	Upgrades/Replacements to improve safety, efficiency, reliability and lifecycle costs.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$100,000		\$300,000	\$8,750,000	\$9,150,000



2024 Capital Project Features



2024 Capital Project

Project Name:	Albion Drive Full Rehabilitation			
Reference No:	24-040	Sponsor Department: Environmental Services		
Description:	Albion Drive Infrastructure has reached its useful life and requires the rehabilitation of roadways, underground utilities (water) and curb and sidewalks. This will allow the municipality to maintain the assets in acceptable condition, improve the safety and reliability of the assets and ensure the preservation or extension of the life span of these assets.			
Major Outcomes:	Maintain and improve the safety and reliability of the assets. Also, preserve and promise an extension of the life of assets.			
Single Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -		\$1,000,000	\$ -	\$1,000,000



2024 Capital Project Features



2024 Capital Project

Project Name:	Saunderson Pressure Reducing Valve PRV - Construction			
Reference No:	24-006	Sponsor Department: Environmental Services		
Description:	This project follows the current Water Master Plan. It will optimize the water supply system for the downtown and communities South of the downtown. This project aims to optimize the water supply system by utilizing existing infrastructure to the fullest and reducing maintenance costs. Construction started earlier this year and is planned to be substantially completed in 2025.			
Major Outcomes:	Reduction in maintenance cost & optimization of water flow. Replacing existing water infrastructure (currently at the end of its useful life).			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$29,900,000		\$15,000,000	\$2,700,000	\$47,600,000



2024 Capital Project Features



2024 Capital Project

Project Name:	Silin Forest Road Deep Utilities Upgrades - Construction			
Reference No:	24-050	Sponsor Department: Environmental Services		
Description:	The project is for the infrastructure improvement of water, sanitary, and storm systems in the Thickwood neighbourhood. The program will help reduce the impacts of sewer backups for homes across the Thickwood network, while also improving the resiliency of the sanitary, water, and storm sewers throughout the community. This construction was started earlier this year and is planned to be substantially completed in 2025, with minor work carried over into 2026.			
Major Outcomes:	Improve water, sanitary, and storm systems.			
Multi Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$7,000,000		\$9,000,000	\$5,800,000	\$21,800,000



2024 Capital Project Features



2024 Capital Project

Project Name:	Curbside Collection Tracking System			
Reference No:	24-307	Sponsoring Department: Environmental Services		
Description:	The proposed system upgrades to software and hardware increases functionality and provides a more advanced and efficient garbage collection solution. The upgraded system will enhance accurate bin collecting, optimize route planning, and improve response time to Pulse inquiries, ultimately reducing costs and improving the overall effectiveness of our garbage collection operations.			
Major Outcomes:	Upgrade Collection System Software and Hardware to improve service levels. Modify routes in real-time due to construction and weather conditions.			
Single Year Project				
2023 & Prior Budget		2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -		\$350,000	\$ -	\$350,000



2024 Capital Project Features



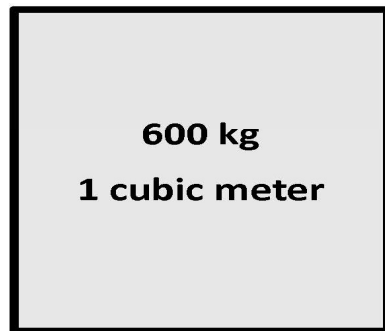
2024 Capital Project

Project Name:	Landfill Compaction and Grading System		
Reference No:	24-310	Sponsoring Department: Environmental Services	
Description:	The Landfill Compaction and Grading System will enable operations to optimize compaction rates, save airspace and improve safety by eliminating the need for physical surveys. Additionally, the system assists operations with fill plan alignment and identifies avoidance zones to protect liner shoulders and infrastructure.		
Major Outcomes:	Extends the life of the landfill by maximizing compaction rates, save airspace and confirms slopes and grades to meet Alberta Environment and Protected Areas approval criteria.		
Single Year Project			
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -	\$350,000	\$ -	\$350,000

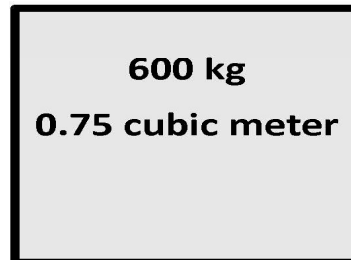


2024 Capital Project Features

WASTE PLACEMENT & COMPACTION

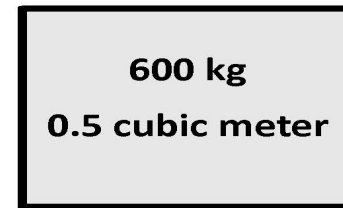


(600 kg/m³)



(800 kg/m³)

Density



(1,200 kg/m³)



2024 Capital Project

Project Name:	Landfill Baler Replacement		
Reference No:	24-309	Sponsoring Department: Environmental Services	
Description:	The Material Recovery Facility (MRF) baler is at the end of its life and requires replacement. Increased downtime has impacted the ability to handle some recyclable materials resulting in lost revenue.		
Major Outcomes:	Baler replacement will restore revenue streams for cardboard and paper at market rates and will divert cardboard and paper from the landfill.		
Single Year Project			
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years
\$ -	\$1,000,000	\$ -	\$1,000,000

2024 Capital Project Features



Thank You



Legend - By Type	
Other than first year of a multi-year project	
First year of a multi-year project	
Single year project	
Equipment Project	

ENVIRONMENTAL SERVICES

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-006	2017	Saunderson Pressure Reducing Valve PRV - Construction	ES	ENG	Public Facilities	29,900,000	15,000,000	-	15,000,000	2,700,000	-	-	-	-	47,600,000
24-011	2020	Anzac Lagoon Expansion - Design & Construction	ES	ENG	Public Facilities	10,500,000	12,000,000	-	12,000,000	12,000,000	-	-	-	-	34,500,000
24-022	2021	Timberlea Reservoir & Pumphouse - Design & Construction	ES	ENG	Public Facilities	900,000	1,000,000	-	1,000,000	15,000,000	-	-	-	-	16,900,000
24-023	2021	WWTP Process Improvement - Design & Construction	ES	ENG	Public Facilities	100,000	300,000	-	300,000	5,500,000	3,250,000	-	-	-	9,150,000
24-026	2022	Conklin Water Treatment Plant Upgrades - Construction	ES	ENG	Public Facilities	3,100,000	1,212,000	-	1,212,000	-	-	-	-	-	4,312,000
24-029	2022	Fort McMurray Crossflow Clarifier Lifecycle - Construction	ES	ES	Public Facilities	2,670,000	2,000,000	-	2,000,000	500,000	-	-	-	-	5,170,000
24-032	2022	Regional Control System Replacements - Design & Construction	ES	ES	Public Facilities	3,800,000	4,500,000	-	4,500,000	4,500,000	3,450,000	-	-	-	16,250,000
24-038	2023	Abasand Pumphouse Membrane Replacement & Optimization	ES	ES	Public Facilities	500,000	300,000	-	300,000	1,300,000	-	-	-	-	2,100,000
24-040	2023	Albion Drive Full Rehabilitation	ES	ENG	Public Facilities	-	1,000,000	-	1,000,000	-	-	-	-	-	1,000,000
24-044	2023	Fort McKay WTP Chemical System - Construction	ES	ES	Public Facilities	500,000	700,000	-	700,000	300,000	-	-	-	-	1,500,000
24-050	2023	Silin Forest Road Deep Utilities Upgrades - Construction	ES	ENG	Public Facilities	7,000,000	9,000,000	-	9,000,000	5,800,000	-	-	-	-	21,800,000
24-104	2024	Fort McKay MIEX Project	ES	ES	Public Facilities	-	900,000	15,000	915,000	2,100,000	-	-	-	-	3,000,000
24-106	2024	Water Treatment Plant Overflow Piping Isolation	ES	ENG	Public Facilities	-	100,000	14,920	114,920	2,884,000	-	-	-	-	2,984,000
24-307	2024	Curbside Collection Tracking System	ES	ES	Public Facilities	-	350,000	-	350,000	-	-	-	-	-	350,000
24-309	2024	Landfill Baler Replacement	ES	ES	Public Facilities	-	1,000,000	-	1,000,000	-	-	-	-	-	1,000,000
24-310	2024	Landfill Compaction and Grading System	ES	ES	Public Facilities	-	350,000	-	350,000	-	-	-	-	-	350,000
Total						58,970,000	49,712,000	29,920	49,741,920	52,584,000	6,700,000	-	-	-	167,966,000

Plan Year Projects

24-009	2019	Fort McMurray Inactive Landfill Closure	ES	ENG	Public Facilities	500,000	-	-	-	-	6,000,000	-	-	-	6,500,000
24-012	2020	Fort McMurray WTP Process Improvement Design & Construction	ES	ENG	Public Facilities	5,400,000	-	-	-	5,000,000	4,300,000	-	-	-	14,700,000
24-017	2021	Conklin Sewage Lagoon - Construction	ES	ENG	Public Facilities	7,200,000	-	-	-	-	8,300,000	-	-	-	15,500,000
24-019	2021	Fort Chipewyan Water and Sanitary Sewer Construction	ES	ENG	Public Facilities	100,000	-	-	-	-	3,900,000	5,000,000	9,000,000	10,500,000	28,500,000
24-020	2021	Janvier WTP Upgrade - Design	ES	ENG	Public Facilities	100,000	-	-	-	500,000	600,000	-	-	-	1,200,000
24-027	2022	Fort Chipewyan Reservoir Capacity Expansion - Design	ES	ENG	Public Facilities	100,000	-	-	-	320,000	850,000	-	-	-	1,270,000
24-030	2022	Gregoire Storm Outfall Structure - Construction	ES	ENG	Public Facilities	11,000,000	-	-	-	-	8,000,000	-	-	-	19,000,000
24-037	2022	Wood Buffalo Lift Station Replacement - Design & Construction	ES	ENG	Public Facilities	500,000	-	-	-	3,000,000	5,000,000	-	-	-	8,500,000
24-108	2025	Conklin Raw Water Pond - Design & Construction	ES	ENG	Public Facilities	-	-	-	-	350,000	2,500,000	-	-	-	2,850,000
24-109	2025	Fort McKay Plant WTP Upgrades - Design & Construction	ES	ENG	Public Facilities	-	-	-	-	300,000	5,000,000	2,000,000	-	-	7,300,000
24-112	2025	MacKenzie Storm, Sewer, and Watermain Upgrades - Construction	ES	ENG	Public Facilities	-	-	-	-	6,600,000	10,400,000	10,000,000	-	-	27,000,000
24-113	2025	Moberly Crescent Full Rehabilitation - Construction	ES	ENG	Public Facilities	-	-	-	-	5,250,000	550,000	-	-	-	5,800,000
24-118	2025	Sakitawaw Trail Storm, Sewer and Watermain Upgrades - Construction	ES	ENG	Public Facilities	-	-	-	-	3,000,000	3,000,000	-	-	-	6,000,000
24-120	2025	Signal Road Deep Utilities Upgrades - Construction	ES	ENG	Public Facilities	-	-	-	-	5,200,000	5,000,000	-	-	-	10,200,000
24-121	2025	Silversprings Greenbelt Deep Utilities Upgrades - Construction	ES	ENG	Public Facilities	-	-	-	-	4,000,000	3,000,000	-	-	-	7,000,000
24-124	2026	Abasand Drive West Waterline Replacement	ES	ENG	Public Facilities	-	-	-	-	-	3,175,000	825,000	-	-	4,000,000
24-127	2026	Gregoire Storm, Sewer and Watermain Upgrades - Construction	ES	ENG	Public Facilities	-	-	-	-	-	5,000,000	10,000,000	-	-	15,000,000
24-128	2026	Hillcrest and Eymundson Deep Utility Upgrades - Construction	ES	ENG	Public Facilities	-	-	-	-	-	8,200,000	8,200,000	-	-	16,400,000
24-131	2027	Manning Ave Waterline Replacement	ES	ENG	Public Facilities	-	-	-	-	-	-	3,525,000	100,000	-	3,625,000
24-208	2025	Abbottswood Drive Water Upgrades	ES	ES	Public Facilities	-	-	-	-	2,000,000	-	-	-	-	2,000,000
24-218	2025	Decommission MacDonald Island WWTP	ES	ES	Public Facilities	-	-	-	-	300,000	-	-	-	-	300,000
24-222	2025	Fort Chip Housing	ES	PW	Public Facilities	-	-	-	-	500,000	-	-	-	-	500,000
24-227	2025	Landfill Administration Back Up Generator	ES	ES	Public Facilities	-	-	-	-	465,000	-	-	-	-	465,000
24-244	2025	WWTP Hog Fuel Storage Pad Extension	ES	ES	Public Facilities	-	-	-	-	400,000	-	-	-	-	400,000
24-246	2026	Thickwood Boulevard Deep Utilities Upgrades - Construction	ES	ENG	Public Facilities	-	-	-	-	-	7,000,000	-	-	-	7,000,000
Total						24,900,000	-	-	-	37,185,000	89,775,000	39,550,000	9,100,000	10,500,000	211,010,000

Environmental Services Total	83,870,000	49,712,000	29,920	49,741,920	89,769,000	96,475,000	39,550,000	9,100,000	10,500,000	378,976,000
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Capital Business Case

Reference Number **24-006**

Total Request \$ **47,600,000**

Project Name **Saunderson Pressure Reducing Valve PRV - Construction**

Category

Subcategory (category dependent)

Request Type

Lifecycle
Upgrade - Construction
Multi-Year (existing)

Order Code

601487

Classification

Environmental

Project Location

Lower Townsite

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Water Treatment
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

As part of the overall vision of the current Water Master Plan, the water supply system for the Downtown is being optimized, while improving the flow to communities south of the Urban Service Area which includes Anzac, Gregoire Lake Estates, Sapræ Creek and the Airport. The aim of this project is to optimize the operation of the Downtown water system by utilizing existing infrastructure as much as possible. This project will result in a more efficient operation and reduction in maintenance cost to the water systems in the Downtown area.

The construction of a Pressure Reducing Station located on Saunderson Avenue will replace the existing 3-way chamber that is currently at its end of useful life (circa 1970's), and requires substantial maintenance to remain online. The ability to adjust water flow directions is critical to all water flow throughout the Downtown. The construction of the new watermain along MacDonald Avenue/Biggs Avenue will connect the existing high pressure water main from the Water Treatment Plant located at Richard Street and MacDonald Avenue to the new Pressure Reducing Station that will be constructed on Saunderson Avenue. This connection will support the operational optimization of the Downtown water systems. This project will also eliminate the existing PRV station located at the southern end of Main Street which has also reached its end-of-useful life.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	29,900,000	-	-	29,900,000	-	-
2024	15,000,000	-	7,000,000	8,000,000	-	-
2025	2,700,000	-	-	2,700,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	47,600,000	-	7,000,000	40,600,000	-	-

Capital Business Case

Reference Number **24-011**

Total Request \$ **34,500,000**

Project Name **Anzac Lagoon Expansion - Design & Construction**

Category

Subcategory (category dependent)

Request Type

Lifecycle
Expansion - Construction
Multi-Year (existing)

Order Code

601990

Classification

Environmental

Project Location

Anzac

Ward

4 - Conklin/ Janvier/Anzac/Gregoire Lake Estates

*Multi-Rural - Please list:

Municipal Function

42 - Sanitary Sew - Coll/Disposal

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Wastewater Treatment
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

It was determined that the Anzac Wastewater Treatment Plant (WWTP) was considerably oversized for the community's needs, making it inoperable, while the existing lagoon was too small for the treatment required. A subsequent report determined that expanding the existing lagoon would be an appropriate method for wastewater treatment in Anzac. However, the Rural Water and Sewer Servicing Program in Anzac was designed to convey all wastewater to the WWTP site from Lift Station A1(LSA1) ; thus it is also necessary to modify LSA1 and the existing 350 mm & 450 mm forcemain to accommodate the new flow conditions.

This project includes design and construction of the Anzac lagoon expansion, including the exiting LSA1 and forcemain modifications.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	10,500,000	-	-	10,500,000	-	-
2024	12,000,000	4,000,000	-	8,000,000	-	-
2025	12,000,000	-	-	12,000,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	34,500,000	4,000,000	-	30,500,000	-	-

Capital Business Case

Reference Number **24-022**

Total Request \$ **16,900,000**

Project Name **Timberlea Reservoir & Pumphouse - Design & Construction**

Category

Subcategory (category dependent)

Request Type

Lifecycle
Replacement - Construction
Multi-Year (existing)

Order Code

602146

Classification

Environmental

Project Location

Timberlea

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Water Treatment
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

Timberlea Reservoir and Pumphouse have been in operation since 1981. As such, the Pumphouse and Reservoir are at the end of their design life and need to be replaced. This project would be to refurbish the Timberlea Pumphouse and Reservoir that will meet the current needs of the community with capacity for future growth. The Timberlea Reservoir was inspected during the 2020 post flood cleanup and found to have major structural issues, including leaks and concrete cracking in the Reservoir roof. The overall condition of the Reservoir is judged to be poor which necessitates the replacement design work to be completed. The Pumphouse will be optimized to provide flexibility in operation and allow for regular maintenance to extend the asset life of the Pumphouse equipment and reservoir.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	900,000	-	-	900,000	-	-
2024	1,000,000	-	-	1,000,000	-	-
2025	15,000,000	-	-	15,000,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	16,900,000	-	-	16,900,000	-	-

Capital Business Case

Reference Number **24-023**

Total Request \$ **9,150,000**

Project Name **WWTP Process Improvement - Design & Construction**

Category
Subcategory (category dependent)
Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (existing)

Order Code **602128**
Classification Machinery & Equipment

Project Location Fort McMurray
Ward 1 - Fort McMurray
*Multi-Rural - Please list:
Municipal Function 42 - Sanitary Sew - Coll/Disposal

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Wastewater Treatment
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

The Fort McMurray Wastewater Treatment Plant Process Improvement project is required to address critical equipment in the facility that requires upgrades/replacements to improve safety, efficiency, lifecycle costs, maintainability and reliability, and in order to meet safety and regulatory compliance. The facility was designed in 2005, and critical components in the plant such as chemical systems, Programmable Logic Control (PLC) and Motor Control Centers (MCC) require life cycle replacements that are being phased out by equipment manufacturers. Safe access to critical equipment, plant improvements and operational efficiencies will also be addressed.

The life cycle replacements/upgrades are critical to ensure continued operation of the facility in order to meet Alberta Environment operational approval requirements.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	100,000	-	-	100,000	-	-
2024	300,000	-	-	300,000	-	-
2025	5,500,000	-	-	5,500,000	-	-
2026	3,250,000	-	-	3,250,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	9,150,000	-	-	9,150,000	-	-

Capital Business Case

Reference Number **24-026**

Total Request \$ **4,312,000**

Project Name **Conklin Water Treatment Plant Upgrades - Construction**

Category

Subcategory (category dependent)

Request Type

Lifecycle
Upgrade - Construction
Multi-Year (existing)

Order Code

602399

Classification

Environmental

Project Location

Conklin

Ward

4 - Conklin/ Janvier/Anzac/Gregoire Lake Estates

*Multi-Rural - Please list:

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Water Treatment
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

The Conklin Water Treatment Plant (WTP) is a remote facility accessible by Highway 881. The Highway is prone to severe winter conditions which can restrict safe access by the operating staff. The WTP is heavily impacted by severe weather and any road conditions preventing access to the site. The WTP operates as a single treatment train with no redundancy. This project will install the components necessary to operate a second treatment train and a sophisticated resilient control system for operations. Having a second treatment train will enhance the capability to operate during marginal weather conditions and allow for safe operations in case of equipment failures in a treatment train.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	3,100,000	-	-	3,100,000	-	-
2024	1,212,000	-	-	1,212,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	4,312,000	-	-	4,312,000	-	-

Capital Business Case

Reference Number **24-029**

Total Request \$ **5,170,000**

Project Name Fort McMurray Crossflow Clarifier Lifecycle - Construction

Category

Subcategory (category dependent)

Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (existing)

Order Code

602442

Classification

Environmental

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Maintenance Services (Env)
Environmental Services
Maintenance Services (Env)
Environmental Services

1. Summary - Scope Details

In 2020, an integrity assessment was completed on the 35-year-old Crossflow Clarifiers at the Fort McMurray Water Treatment Plant. The integrity report identified the rehabilitation requirements for the concrete tank and weir plates. A Consultant was hired in December 2021 to complete the design of the rehabilitation of the mechanical and structural systems. During Construction, the Clarifiers will need to be taken offline for an extended period, which provides the opportunity to inspect the structural and mechanical components of the upstream flocculation tanks and the downstream recarbonation tanks. These structures are the same age as the clarifiers, and we anticipate similar repairs will be needed.

Not completing the work will require paying more for maintenance costs on the sludge collection system and more downtime for repairs on the ageing system. Not completing the structural repairs on the concrete tank will shorten the life expectancy of the tank and increase the probability of tank leakage that could damage the water treatment plant process and electrical equipment.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debtenture
2023 & Prior	2,670,000	-	-	2,670,000	-	-
2024	2,000,000	-	-	2,000,000	-	-
2025	500,000	-	-	500,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	5,170,000	-	-	5,170,000	-	-

Capital Business Case

Reference Number **24-032**

Total Request \$ **16,250,000**

Project Name **Regional Control System Replacements - Design & Construction**

Category
Subcategory (category dependent)
Request Type

Lifecycle
Replacement - Construction
Multi-Year (existing)

Order Code **602425**
Classification Technology / Innovation

Project Location Muni Wide
Ward Muni-Wide
*Multi-Rural - Please list:
Municipal Function 41 - Water Sup & Distribution

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Water Treatment
Environmental Services
Water Treatment
Environmental Services

1. Summary - Scope Details

This project is required to ensure control system components related to the regional water supply are life cycled according to industry best practices. Current control systems are scheduled for obsolescence in 2026 and the proposed replacement components will be phased in over the next 3 years.

Failure of water control system components can completely eliminate the RMWB's ability to provide water supply to Anzac, Gregoire Lake Estates, Fort McMurray #468 First Nation, Janvier, Prairie Creek First Nation and Conklin, and Fort McMurray. Proactive work to avoid running obsolete and difficult to manage equipment will significantly reduce risks associated with drinking water availability within these communities.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	3,800,000	-	-	3,800,000	-	-
2024	4,500,000	-	-	4,500,000	-	-
2025	4,500,000	-	-	4,500,000	-	-
2026	3,450,000	-	-	3,450,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	16,250,000	-	-	16,250,000	-	-

Capital Business Case

Reference Number **24-038**

Total Request \$ **2,100,000**

Project Name **Abasand Pumphouse Membrane Replacement & Optimization**

Category

Subcategory (category dependent)

Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (existing)

Order Code

602492

Classification

Environmental

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Water Treatment
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

The Abasand Pumphouse (ABPH) was taken offline in 2020 for rehabilitation of the pumphouse. During the latter stages of the project there were items identified by the commissioning team as optimizations that were not included in the original scope. Some items are for operational efficiency (vault sump pump, turbidity sample pump, chlorine sample location, hardwire PLC, vault level alarm & equipment tagging), while others are for maintaining the system integrity (Cathodic protection replacement, reservoir roof membrane replacement). The roof membrane was partially exposed while the contractor was installing a joint between reservoir and pumphouse. It was noted to be degraded and the visible portion of the membrane was replaced. The rest of the reservoir needs to be exposed to ensure no opportunity for water penetration onto the roof slab. The cathodic protection system prevents corrosion on the underground carbon steel piping to the reservoir. During inspection it was determined the system is no longer functioning and is due for replacement. Without cathodic protection, the line is susceptible to external corrosion, directly affecting the integrity of the piping system potentially leading to premature failure. By replacing the cathodic protection system and roof membrane, we are ensuring maximum life expectancy of the asset and a sustained level of service to the residents. The project is expected to take two years to tender and complete scope of work.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	500,000	-	-	500,000	-	-
2024	300,000	-	-	300,000	-	-
2025	1,300,000	-	-	1,300,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	2,100,000	-	-	2,100,000	-	-

Capital Business Case

Reference Number **24-040**

Total Request \$ **1,000,000**

Project Name Albion Drive Full Rehabilitation

Category

Subcategory (category dependent)

Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (existing)

Order Code

602508

Classification

Environmental

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

37 - Storm Sew & Drainage

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Maintenance Services (Env)
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

Albion Drive Infrastructure has reached its useful life and requires the rehabilitation of roadways, underground utilities (water, drainage and sanitary sewers) and sidewalks.

Roads, underground and above ground utilities (water supply, sanitary sewer system and storm drainage network) are the most significant assets for the city to provide essential services for its residents and customers. Keeping these assets in good, operable condition is essential to continue daily life in a safe manner, and to attract investment to support further growth. Albion Drive Infrastructure has reached its useful life and requires the rehabilitation of roadways, underground utilities (water, drainage and sanitary sewers) and sidewalks. This will allow the municipality to maintain the above-mentioned assets in acceptable condition, improve the safety and reliability of the assets and ensure the preservation or extension of the life span of these assets.

This project will carry out the rehabilitation and construction of road and underground utilities that was prioritized in the pre-design report and inter-department assessment in the Urban Infrastructure Rehabilitation Program.

2. STRATEGIC PLAN GOAL

Direct the implementation of a community resilience strategy

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	1,000,000	-	-	1,000,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	1,000,000	-	-	1,000,000	-	-

Capital Business Case

Reference Number **24-044**

Total Request \$ **1,500,000**

Project Name Fort McKay WTP Chemical System - Construction

Category

Subcategory (category dependent)

Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (existing)

Order Code

602503

Classification

Environmental

Project Location

Multi Rural

Ward

2 - Fort Chipewyan/Fort McKay

*Multi-Rural - Please list:

Fort Chipewyan & Fort McKay

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Water Treatment
Environmental Services
Water Treatment
Environmental Services

1. Summary - Scope Details

The Fort McKay Water Treatment plant was originally constructed in 1987, and partially upgraded in 2003 to meet community requirements. As part of the water treatment plant's lifecycle strategy, a consultant conducted an assessment in 2020. One of the deliverables from this project was to identify a list of updates the plant requires to continue producing compliant water safely. The RMWB completed many of the items with internal resources, but the chemical system rehabilitation requires engineering design and construction. The scope includes demolition of chemical systems not in use, upgrade to citric acid, soda ash, sodium hypochlorite and IsoPac chemical systems, with appropriate containment. The existing chemical system poses chemical risks and the proposed modifications will enhance the safety for staff. The Fort McKay water plant is due for rehabilitation to deal with disinfection by-products, but cannot be developed until the raw water supply project is finalized and constructed. Executing the work on the chemical skids prior to plant upgrade will improve reliability, troubleshooting and operator safety.

2. STRATEGIC PLAN GOAL

Invest in the health and safety of our employees

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	500,000	-	-	500,000	-	-
2024	700,000	-	-	700,000	-	-
2025	300,000	-	-	300,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	1,500,000	-	-	1,500,000	-	-

Capital Business Case

Reference Number **24-050**

Total Request \$ **21,800,000**

Project Name Silin Forest Road Deep Utilities Upgrades - Construction

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (existing)

Order Code

602515

Classification

Environmental

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

37 - Storm Sew & Drainage

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

UGS
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

The project is for the infrastructure improvement of water, sanitary and storm systems in the Thickwood neighbourhood. The program will help reduce the impacts of sewer backups for homes across the Thickwood network, while also improving the resiliency of the sanitary, water and storm sewers throughout the community.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	7,000,000	4,000,000	-	3,000,000	-	-
2024	9,000,000	3,000,000	-	6,000,000	-	-
2025	5,800,000	-	-	5,800,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	21,800,000	7,000,000	-	14,800,000	-	-

Capital Business Case

Reference Number **24-104**

Total Request \$ **3,000,000**

Project Name Fort McKay MIEX Project

Category

Subcategory (category dependent)

Request Type

Lifecycle
Rehabilitation/Renewal - Construction
Multi-Year (new)

Order Code

New #3

Classification

Environmental

Project Location

Fort McKay

Ward

2 - Fort Chipewyan/Fort McKay

*Multi-Rural - Please list:

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Water Treatment
Environmental Services
Water Treatment
Environmental Services

1. Summary - Scope Details

The Fort McKay water supply is pumped from the Ells River. A substantial amount of organic material has entered the water supply recently and shows no sign of abating. Consequently, water quality in Fort McKay has consistently exceeded the maximum acceptable concentration (MAC) for disinfection byproducts (DBPs). The RMWB engaged a firm to pilot their magnetic ion exchange (MIEX®) system to address DBP concerns and retained a consultant to evaluate the suitability of MIEX® incorporation into the Fort McKay WTP. The MIEX study concluded that adding MIEX technology to the treatment process will reduce DBP's to levels below the regulatory MAC. A similar MIEX project was recently completed in Conklin, which resulted in significant reductions of DBPs. Based on the Conklin results, the proposed project will be to install a MIEX system in Fort McKay to meet regulatory requirements for potable water quality.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	900,000	-	-	900,000	-	-
2025	2,100,000	-	-	2,100,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	3,000,000	-	-	3,000,000	-	-

Capital Business Case

Reference Number **24-106**

Total Request \$ **2,984,000**

Project Name **Water Treatment Plant Overflow Piping Isolation**

Category

Subcategory (category dependent)

Request Type

Project
Construction / Development
Multi-Year (new)

Order Code

New #5

Classification

Environmental

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

41 - Water Sup & Distribution

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Water Treatment
Environmental Services
Engineering
Engineering

1. Summary - Scope Details

The Overflow protection of the clearwells (x3) at the Fort McMurray Water Treatment Plant connects with the storm collection drain system on the property and discharges to the Athabasca River. During the 2020 river break-up event, raw water from the Athabasca River flowed back through this storm/overflow protection system and contaminated clearwells and subsequently the entire distribution system for the city. There has been some preliminary work already completed to reduce the risk of this happening again in the future. The only way to give absolute certainty is to separate these two systems (storm & overflow). The scope of this project is to install a separate collection chamber for clearwell overflow, with a pump that will transfer the water from the new chamber to the storm chamber for discharge to the river as required. The storm system will no longer have the opportunity to backflow into the overflow protection header and operations will have full control of their overflow protection system

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	100,000	-	-	100,000	-	-
2025	2,884,000	-	-	2,884,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	2,984,000	-	-	2,984,000	-	-

Capital Business Case

Reference Number **24-307**

Total Request \$ **350,000**

Project Name **Curbside Collection Tracking System**

Category
Subcategory (category dependent)
Request Type

Procurement
Equipment & Machinery
Single Year

Order Code
Classification

New #83
Machinery & Equipment

Project Location
Ward
*Multi-Rural - Please list:
Municipal Function

Fort McMurray
1 - Fort McMurray
43 - Solid Waste - Coll/Disposal

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Solid Waste Services
Environmental Services
Solid Waste Services
Environmental Services

1. Summary - Scope Details

This business case is for the upgrade of existing hardware and software for curbside collection tracking equipment. Technological advancement has now allowed "real time" collection tracking as well as live video feed on all collection vehicles. This will improve responses to any Pulse inquiries received.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	350,000	-	-	350,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	350,000	-	-	350,000	-	-

Capital Business Case

Reference Number 24-309

Total Request \$ 1,000,000

Project Name **Landfill Baler Replacement**

Category
Subcategory (category dependent)
Request Type

Procurement
Equipment & Machinery
Single Year

Order Code
Classification

New #85
Machinery & Equipment

Project Location
Ward
*Multi-Rural - Please list:
Municipal Function

Fort McMurray
1 - Fort McMurray
43 - Solid Waste - Coll/Disposal

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Solid Waste Services
Environmental Services
Solid Waste Services
Environmental Services

1. Summary - Scope Details

The current baler located at the Material Recovery Facility has been non-operational since February 2022. Due to parts and software supply issues, the baler has not been able to be repaired causing a loss in revenue for the Regional Municipality. This business case is for the purchase of a new baler.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	1,000,000	-	-	1,000,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	1,000,000	-	-	1,000,000	-	-

Capital Business Case

Reference Number **24-310**

Total Request \$ **350,000**

Project Name **Landfill Compaction and Grading System**

Category

Subcategory (category dependent)

Request Type

Procurement

Equipment & Machinery

Single Year

Order Code

New #84

Classification

Machinery & Equipment

Project Location

Fort McMurray

Ward

1 - Fort McMurray

*Multi-Rural - Please list:

Municipal Function

43 - Solid Waste - Coll/Disposal

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Solid Waste Services

Environmental Services

Solid Waste Services

Environmental Services

1. Summary - Scope Details

This business case is for the purchase of a GPS Landfill guidance system. The system will allow operations to identify Alberta Environment and Protected Areas permit slope and maximum height, maximize airspace through compaction rate, follow fill plans, identify avoidance zones to protect liner shoulders and infrastructure, detect equipment proximity and pinpoint location services if required.

2. STRATEGIC PLAN GOAL

Needed due to compelling reasons but not aligned with the Strategic Plan

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	350,000	-	-	350,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	350,000	-	-	350,000	-	-

2024 Proposed Capital Budget

Presenter: Jody Butz, Fire Chief

Department: Regional Emergency Services

Meeting Date: December 11 - 14, 2023



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

2024 Capital Budget Summary

Major Category	2023 & Prior Budget	2024 Proposed Budget	2025-2029 Plan	Total Budget
Public Facilities	\$ -	\$ -	\$ -	\$ -
Recreation and Culture	\$ -	\$ -	\$ -	\$ -
Transportation	\$ -	\$ 760,000	\$150,000	\$910,000
TOTAL	\$ -	\$ 760,000	\$150,000	\$910,000

2024 Capital Project

Project Name:	2024 Ambulance Replacement			
Reference No:	24-303	Sponsoring Department: Regional Emergency Services		
Description:	Lifecycle replacement project to replace a single ambulance. This will maintain a fleet of ambulances to provide a service level reasonable for a community of this size and call volume.			
Major Outcomes:	Sustainability of essential services (Emergency Medical Services).			
Single Year Project				
2023 & Prior Budget	2024 Budget Request	2025-2029 Plan	Total Budget All Years	
\$ -	\$360,000	\$ -	\$360,000	



2024 Capital Project Features

2024 Ambulance Replacement

- Lifecycle replacement project
- Ensures sustainability of EMS services



2024 Capital Project

Project Name:	2024 RES Light Fleet Replacement x 2			
Reference No:	24-305	Sponsoring Department: Regional Emergency Services		
Description:	RES has 2 emergency response light vehicles identified for replacement, which are in poor mechanical condition. They have exceeded their expected lifecycles.			
Major Outcomes:	Replacing 2 of our ageing light fleet will decrease fleet maintenance costs for the vehicles and provide more reliability.			
Multi Year Project				
2023 & Prior Budget	2024 Budget Request		2025-2029 Plan	Total Budget All Years
\$ -	\$150,000		\$150,000	\$300,000



2024 Capital Project Features

2024 RES Light Duty Vehicle Lifecycle Replacements

- Replacement of two light duty emergency response vehicles



2024 Capital Project

Project Name:	2024 Structural Protection Trailers x 2			
Reference No:	24-306	Sponsoring Department: Regional Emergency Services		
Description:	A sprinkler trailer is a custom enclosed structure protection unit with specially designed wildfire sprinklers, portable pumps, fire hoses, and various adapters. During wildfires, sprinkler trailers are deployed to assist firefighters with protecting communities before the wildfire encroaches on structures.			
Major Outcomes:	The ability to meet the sprinkler deployment plans developed this year and provide rapid deployment response to future wildfire threats throughout the RMWB.			
Single Year Project				
2023 & Prior Budget	2024 Budget Request		2025-2029 Plan	Total Budget All Years
\$ -	\$250,000		\$ -	\$250,000

2024 Capital Project Features

14' Structural Protection Trailer

- 144 Standard Sprinkler Heads
- 70 specialty sprinklers
- 4 water pumps
- 9,000 feet of forestry hose
- Various fittings and equipment
- A sprinkler trailer is capable of protecting up to 100 structures.



Thank You



Regional Emergency Services

Legend - By Type	
Other than first year of a multi-year project	
First year of a multi-year project	
Single year project	
Equipment Project	

2024 Reference	Budget Year	Project Name	Sponsor Dept	Delivery Dept	Major Category	2023 & Prior Approved	2024 Request	2024 Public Art Reserve	2024 Request (including Public Art)	2025 Request	2026 Request	2027 Request	2028 Request	2029 + Request	Total Budget All years
24-303	2024	2024 Ambulance Replacement	RES	RES	Transportation	-	360,000	-	360,000	-	-	-	-	-	360,000
24-305	2024	2024 RES Light Fleet Replacement x 2	RES	RES	Transportation	-	150,000	-	150,000	150,000	-	-	-	-	300,000
24-306	2024	2024 Structural Protection Trailers x 2	RES	RES	Transportation	-	250,000	-	250,000	-	-	-	-	-	250,000
Total						-	760,000	-	760,000	150,000	-	-	-	-	910,000

Plan Year Projects

24-111	2025	Janvier Firehall Predesign and Design	RES	ENG	Public Facilities	-	-	-	-	1,000,000	1,500,000	-	-	-	2,500,000
24-216	2025	Conklin Firehall Water and Sewer Upgrades	RES	ES	Public Facilities	-	-	-	-	200,000	-	-	-	-	200,000
24-221	2025	Fire Hall 1 Sign and Flagpoles	RES	PW	Public Facilities	-	-	-	-	100,000	-	-	-	-	100,000
24-313	2025	RES Training Systems Enhancements	RES	FS	Public Facilities	-	-	-	-	196,664	-	-	-	-	196,664
Total						-	-	-	-	1,496,664	1,500,000	-	-	-	2,996,664
Regional Emergency Services Total						-	760,000	-	760,000	1,646,664	1,500,000	-	-	-	3,906,664

Capital Business Case

Reference Number **24-303**

Total Request \$ **360,000**

Project Name **2024 Ambulance Replacement**

Category

Subcategory (category dependent)

Request Type

Procurement

Vehicle

Single Year

Order Code

New #79

Classification

Machinery & Equipment

Project Location

Muni Wide

Ward

Muni-Wide

*Multi-Rural - Please list:

Municipal Function

23 - Fire Protection

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Professional Services (RES)

Regional Emergency Services

Professional Services (RES)

Regional Emergency Services

1. Summary - Scope Details

Regional Emergency Services (RES) provides the Emergency Medical Services (EMS) for the Regional Municipality of Wood Buffalo through contract with Alberta Health Services (AHS). This contract ensures that RES can provide EMS with governance and financial support through AHS. Included in this contract is the provision to maintain a fleet of ambulances to provide a service level reasonable for a community of this size and call volume. Regional Emergency Services Fleet Staffing Structure and Replacement Planning Review recommends replacement at (8 years or 200,000 kms) and recommendations from Emergency Apparatus Technicians support one (1) ambulance must be replaced to fulfill terms of contract and to provide the Municipality with adequate service. The cost of the project is expected at \$360,000 and will be completed in Q4 of budget year.

2. STRATEGIC PLAN GOAL

Invest in the health and safety of our employees

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	360,000	-	-	360,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	360,000	-	-	360,000	-	-

Capital Business Case

Reference Number **24-305**

Total Request \$ **300,000**

Project Name 2024 RES Light Fleet Replacement x 2

Category

Subcategory (category dependent)

Request Type

Procurement
Vehicle
Multi-Year (new)

Order Code

Classification

New #81

Machinery & Equipment

Project Location

Ward

*Multi-Rural - Please list:

Municipal Function

Muni Wide

Muni-Wide

23 - Fire Protection

Sponsor Branch

Sponsor Department

Delivery Branch

Delivery Department

Professional Services (RES)
Regional Emergency Services
Professional Services (RES)
Regional Emergency Services

1. Summary - Scope Details

Regional Emergency Services (RES) currently has two (2) light vehicles identified for replacement which have been identified in poor mechanical condition and recommend replacement. The Regional Emergency Services Fleet Staffing Structure and Replacement Planning Review supports the need to replace these units, as they have exceeded their expected lifecycle of eight (8) years; Additionally one of the replacement vehicles will be a skidload for the Fort Chipewyan fire department which will enhance wildland fire response for the community and meet towing requirements for sprinkler trailers. The cost of the project is projected at \$300,000 and will be completed in Q4 of 2025.

2. STRATEGIC PLAN GOAL

Invest in the health and safety of our employees

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	150,000	-	-	150,000	-	-
2025	150,000	-	-	150,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	300,000	-	-	300,000	-	-

Capital Business Case

Reference Number **24-306**

Total Request \$ **250,000**

Project Name **2024 Structural Protection Trailers x 2**

Category
Subcategory (category dependent)
Request Type

Procurement
Vehicle
Single Year

Order Code **New #82**
Classification Machinery & Equipment

Project Location Muni Wide
Ward Muni-Wide
*Multi-Rural - Please list:
Municipal Function 23 - Fire Protection

Sponsor Branch
Sponsor Department
Delivery Branch
Delivery Department

Professional Services (RES)
Regional Emergency Services
Professional Services (RES)
Regional Emergency Services

1. Summary - Scope Details

During the recent wildfire which threatened the community of Fort Chipewyan in June of 2023, a lack of structural protection equipment available in the community and RMWB region became evident. Sprinkler equipment is a critical tool utilized in protection of structures in a wildland urban interface (WUI) event; Regional Emergency Services (RES) currently stocks one structural protection trailer in Fort Chipewyan with four others strategically situated throughout the RMWB. RES has identified a need to situate one additional structural protection trailer in Fort Chipewyan to meet the sprinkler deployment plans developed and utilized this year; and one additional unit in Fort McMurray to provide rapid deployment to future wildfire threats.

2. STRATEGIC PLAN GOAL

Invest in the health and safety of our employees

3. CASH FLOW REQUIREMENT

Project Cash Flows & Funding Source(s)

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2023 & Prior	-	-	-	-	-	-
2024	250,000	-	-	250,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
Total	250,000	-	-	250,000	-	-

Subject: Capital Project Defunding**APPROVALS:****Henry Hunter**_____
Director_____
Chief Administrative Officer**Recommended Motion:**

THAT the Capital Projects as shown on Attachment 1 be defunded, closed or denied as summarized.

Summary:

Administration performed a rigorous exercise with the intent to remove Capital projects from the Master List that have had little or no spend over the course of the past year.

Seven (7) projects were identified for defunding, closure or recommendation to deny funding, which would release \$134,840,541 from the Capital Infrastructure Reserve (CIR).

Background:

The following projects have been identified for defunding, closure or recommendation to deny funding:

Downtown Revitalization

The 2019 project has a 2023 & prior year budget of \$8,900,000, with \$1,559,103 remaining. In addition, there is funding committed in 2025 and 2026 of \$6,000,000 and \$9,300,000 respectively. There are currently no active plans for this initiative.

It is recommended that the remaining budget be used for future minor projects in the downtown revitalization scope of work, and release future year funding of \$16.1M.

Rural Roads and Parking Lots Paving - Fort Chipewyan - Design and Construction

This project will be included in the Underground Services scope of work for the area, which is anticipated to take place in 2028.

It is recommended to close this project and release the remaining funds of \$936K.

Secondary Egress Road - Construction (Saline Parkway)

The RMWB requires a regional approach to egress road strategies. A comprehensive review of all opportunities and requirements is required.

It is recommended to close this project and release all remaining funds of \$72.5M.

Waterfront Park

The 2020 Waterfront Park project has a 2023 & prior year budget of \$21M, with year-to-date expenditures of \$2,195,682,95. In addition to \$9M in planned funding for 2025.

In July 2023, the Waterfront Committee presented a revised scope to Council, which would reduce the scope of work to focus on the Snye area. The revised scope of work has an estimated cost of \$14M.

It is recommended that the balance of the project budget, less the year-to-date expenditures, totaling \$13,804,317, be released.

Rural Egress Road Janvier - Construction

Council approved a total of \$25.1M in 2021 for a multi-year plan to fund towards construction of the rural egress road in Janvier; however, the RMWB does not have the jurisdiction on provincial and federal lands, nor do they have the budget to complete a project of this magnitude.

Mayor Bowman and Chief Janvier, Chipewyan Prairie First Nation, agreed to jointly advocate on behalf of the project with the Government of Alberta and Indigenous Services Canada.

It is recommended to close this project and release the funds totaling \$25.1M.

Rural Egress Road - Fort McKay - Design

The RMWB requires a regional approach to egress road requirements, capital funding and total cost of ownership.

It is recommended to close this project and release the current year's budget of \$400K and future years budget of \$500K, returning \$900K to the CIR.

Fort McKay Métis Nation Capital Request

On November 14, 2023, the Fort McKay Métis Nation brought forward a request to Council for the reimbursement of \$254,478 for paving work conducted on private land within their community.

Due to the project being on private land, the ineligibility for the work to be included within other municipal projects, and not falling within the grant funding parameters of the

Community Investment Program, Administration recommended that this request not be approved.

Council deferred the matter to the 2024 budget deliberations.

Budget/Financial Implications:

Closure and defunding of these projects would release \$134,840,541 from the CIR.

Strategic Plan Values:

Fiscal Management

Attachments:

2024 Capital Project Defunding

2024 Reference	Budget Year	Project Name	2023 & Prior Approved	Total Remaining Budget	Funding Requested	Total Budget All years	Reduced Budget	Revised total Budget	Comments/Action
24-007	2019	Downtown Revitalization	8,900,000	1,559,103	-	25,000,000	16,100,000	8,900,000	Remove funding for 2025 & 2026. Project will have access to the remaining funds for smaller initiatives under the portfolio
24-010	2019	Rural Roads and Parking Lots Paving - Fort Chipewyan - Design & Construction	1,100,000	936,224	-	6,600,000	6,436,224	163,776	This projects needs to be tied to the UGS initiative in the area, which will likely be 5 years out. Recommend closing and releasing the funds
24-015	2020	Secondary Egress Road - Construction (Saline Parkway)	3,500,000	3,500,000	-	72,500,000	72,500,000	0	RMWB requires a regional approach to egress road requirements, capital funding and total cost of ownership.
24-016	2020	Waterfront Park	21,000,000	18,804,317	-	30,000,000	13,804,317	16,195,683	area only. The estimate is \$14M. Recommend releasing the balance of current budget and future budget
24-033	2022	Rural Egress Road Janvier - Construction	100,000	100,000	-	25,100,000	25,100,000	0	This is a federal and provincial scope of work. RMWB is advocating for support, but not funding as it is out of their jurisdiction. No expenses have been incurred. Recommend closing and releasing the funds.
	2023	Rural Egress Road - Fort McKay - Design	400,000	400,000	-	900,000	900,000	0	RMWB requires a regional approach to egress road requirements, capital funding and total cost of ownership.
24-048	2023	Fort McKay Metis Nation - Paving Request	-		254,478	N/A	-	0	RMWB requires a regional approach to egress road requirements, capital funding and total cost of ownership.
			37,400,000	26,251,226	254,478	160,100,000	134,840,541	25,259,459	Total Budget all Years reduced by \$134,840,541

Note: The revised total budget is the recommended balance to complete or recognize expenses to date.



Additional Information for Capital Budget Council Deliberation December 14, 2023

The following information is in addition to the Capital Budget Presentations that were presented on December 13, 2023, during the 2024 Capital Budget deliberations.

The following projects have requests for additional funding, via the 2024 Capital Budget approval process:

Flood Mitigation – Construction (24-001)

The capital Flood Mitigation Program was initiated in 2014, and originally focused on the 1:100-year ice jam flood elevation. After the 2020 ice jam flood, Council directed that the 1:200-year flood elevation be used. This project therefore provides flood mitigation to the 1:200-year flood elevation using a combination of elevated roads, berms, and retaining walls.

The current approved multi-year budget is \$131.4M, and the revised request is for \$239.7M. The increase of \$108.3M includes updated cost estimates to complete the original program (Stage 1) as well as cost estimates to complete the Stage 2 and Stage 3 scopes over the next five years (2024-2028).

Rural Water and Sewer Servicing – Construction (24-003)

This project is for the construction of water and sanitary systems in Anzac, Conklin, Gregoire Lake Estates, Janvier and Sapræ Creek Estates.

The approved budget is \$180.8M, and the revised request is for \$197.2M. The change in the request is a \$16.4M increase. This budget amendment is to address the required funds for 2025 to 2028.

Rural Infrastructure Rehabilitation 2015-2017-Construction (24-004)



This project is initiated for the selected roads in the southern rural communities of Anzac, Conklin, Draper, Gregoire Lake Estates, Janvier and Saprae Creek Estates that are prioritized for rehabilitation.

The project is being implemented in conjunction with the Rural Water and Sewer Servicing project.

The approved budget is \$110M, and the revised request is for \$123.9M. The change in the request is a \$13.9M increase.

Fort McKay Community Centre (24-008)

The project is to address the interest from the Fort McKay Métis Community to develop a cultural centre.

The approved budget is \$15.6M, and the revised request is for \$17.1M. The change in the request is a \$1.5M increase.

Construction is 30% complete with planned completion for Q1 2025.

Public Works North Facilities (24-014)

This project is for the design & construction of a new administration/maintenance facility and a fleet & equipment storage facility within the site, which will adequately support all functions of the Roads, Parks and Fleet services.

The approved budget is \$48.5M, and the revised request is for \$50.65M. The change in request is a \$2.15M increase.

Construction started in summer 2022 and is currently 65% complete, with planned completion in Q4 2024.

Fort Chipewyan Airside Pavement Rehabilitation – Construction (24-018)

This project is to rehabilitate the runway, taxiway, runway drainage system, and apron of the Fort Chipewyan Airport, as they are at the end of their service life and/or have been identified as not meeting current standards. This will ensure the continued long-term safety and reliability of the facility.

The approved budget is \$26.2M, and the revised request is for \$21.2M. The change in the request is a \$5M decrease.

As the project is substantially complete and is expected to be completed by Q1, 2024, this request is to release the remaining funds.

Conklin Water Treatment Plant Upgrades – Construction (24-026)

The Conklin Water Treatment Plant (WTP) is a remote facility that can be heavily impacted by severe winter weather. The WTP operates as a single treatment train with no redundancy. This

project will install the components necessary to operate a second treatment train and a sophisticated resilient control system for operations.

The approved budget is \$3.86M, and the revised request is for \$4.31M. The change in the request is a \$450K increase.

Fort McKay Range Road 1109 Improvements - Design and Construction (24-028)

This project is for design and construction of a local road from the Fort McKay main road to the end of the Community Centre on Range Road 1109. The scope also includes underground infrastructure such as water, storm, sewer and sanitary lines.

The approved budget is \$2.3M, and the revised request is for \$3.2M. The change in the budget request is a \$900K increase.

Design is 67% complete with a planned completion by Q1 2024.

Fort McMurray Crossflow Clarifier Lifecycle – Construction (24-029)

An integrity assessment was completed in 2020 on the 35-year-old Crossflow Clarifiers at the Fort McMurray Water Treatment Plant. The integrity report identified the rehabilitation requirements for the concrete tank and weir plates.

The approved budget is \$4.67M, and the revised request is for \$5.17M. The change in the budget request is a \$500K increase.

Commitments include \$300K cash allowance for concrete repairs that were to be identified from structural inspections. As of December 1st, 2023, 20% of tank surfaces have been inspected and 57% of the cash allowance has been utilized.

Regional Control System Replacements - Design & Construction (24-032)

This project is required to ensure control system components related to the regional water supply are life cycled according to industry best practices. Current systems will be obsolete by 2026 and are recommended to replace prior to this taking place.

The approved budget is \$10.8M, and the revised budget request is \$16.25M. The change in the budget request is a \$5.45M increase.

Spray Park Replacement Program - Design Build (24-036)

Three spray parks located at the Wood Buffalo Park, KP Wong Park and Lakewood Park have all met their life expectancy and have begun to fail.

KP Wong is substantially complete, Wood Buffalo is currently at market, and Lakewood is scheduled for 2026.

The change in the request is a partial budget reallocation from 2024 to 2026, and a projection for a \$150K budget increase in 2026.

Fort McKay WTP Chemical System – Construction (24-044)

The Fort McKay Water Treatment plant was originally constructed in 1987, and partially upgraded in 2003 to meet community requirements.

Based on a 2020 assessment, many items were identified as requiring rehabilitation.

The approved budget is \$2.0M, and the revised request is for \$1.5M. The change in the request is a \$500K decrease.

Road Surface and Alleyways Improvement (24-047)

This project is for the construction phase of mill and pave, surface improvement and full reconstruction including sidewalks, curbs and gutters. Roads were identified as part of the 3-year Program Development for linear assets within the Urban Service Area.

The approved budget is \$7.0M, and the revised budget request is for \$9.0M. The change in the request is a \$2.0M increase.

Four additional roads were added to this project due to their deteriorating condition. Additional funds are required to proceed with tender and construction.

Moccasin Flats Memorial – Design (24-013)

This project was for the design of a memorial at Moccasin Flats.

Further engagement is required with McMurray Metis and other communities to finalize designs.

The approved budget is \$200K, and the revised budget request is for \$500K. The change in the request is a \$300K increase to accommodate construction in future years.

Outdoor Rink Asphalt Surface Upgrade (24-021)

This project is for upgrading the asphalt surfaces of four outdoor ice rinks; Thickwood (completed), Abasand (completed), Waterways (substantially completed) and Timberlea (planned for 2025).

The request is to move \$450K from 2024 to 2026 and increase the request to \$600K. The change in the request is a \$150K increase.

Fort Chipewyan Reservoir Capacity Expansion – Design (24-027)

This project is for the Fort Chipewyan Reservoir Capacity expansion, which is required to re-activate the original potable water storage cell taken out of service in 2018 due to excessive spalling of the concrete within the reservoir. Detailed design is required, followed by construction in 2025/2026.

The 2024 budget was increased in response to the latest cost estimate provided during the assessment performed in 2023.

The approved budget is \$600K, and the revised budget request is \$1.27M. The change in the budget request is a \$670K increase. In addition to the increase, funds are requested to be transferred to future years; \$320K into 2025 and \$850K into 2026.



Active Transportation Phase 3 (24-039)

This project's design work is currently in progress, with an expectation to start construction in 2025 pending final design and budget approval.

The approved budget is \$1M, and the revised budget request is \$1.3M. The change in the request is a \$300K increase. In addition to the increase, it is requested to transfer \$1M to 2025.

Additional Information for Capital Budget - Council Deliberation December 14, 2023

Ref #	Year	IO #	Project Name	Total Current Budget	Total Proposed Budget	Change
24-001	2014	600870 (Multiple)	Flood Mitigation - Construction	131,400,000	239,725,000	108,325,000
24-003	2014	600953	Rural Water and Sewer Servicing - Construction	180,800,000	197,200,000	16,400,000
24-004	2015	601126	Rural Infrastructure Rehabilitation 2015-2017-Construction	110,000,000	123,900,000	13,900,000
24-008	2019	601862	Fort McKay Community Centre	15,600,000	17,100,000	1,500,000
24-014	2020	601994	Public Works North Facilities	48,500,000	50,650,000	2,150,000
24-018	2021	602124	Fort Chipewyan Airside Pavement Rehabilitation - Construction	26,200,000	21,200,000	(5,000,000)
24-026	2022	602399	Conklin Water Treatment Plant Upgrades - Construction	3,862,000	4,312,000	450,000
24-028	2022	602409	Fort McKay Range Road 1109 Improvements - Design and Construction	2,300,000	3,200,000	900,000
24-029	2022	602442	Fort McMurray Crossflow Clarifier Lifecycle - Construction	4,670,000	5,170,000	500,000
24-032	2022	602425	Regional Control System Replacements - Design & Construction	10,800,000	16,250,000	5,450,000
24-036	2022	602429	Spray Park Replacement Program - Design Build	3,550,000	3,700,000	150,000
24-044	2023	602503	Fort McKay WTP Chemical System - Construction	2,000,000	1,500,000	(500,000)
24-047	2023	602510	Road Surface and Alleyways Improvement	7,000,000	9,000,000	2,000,000
24-013	2020	602136	Moccasin Flats Memorial - Design	200,000	500,000	300,000
24-021	2021	602137	Outdoor Rink Asphalt Surface Upgrade	1,850,000	2,000,000	150,000
24-027	2022	602407	Fort Chipewyan Reservoir Capacity Expansion - Design	600,000	1,270,000	670,000
24-039	2023	602493	Active Transportation Phase 3	1,000,000	1,300,000	300,000
			Total	550,332,000	697,977,000	147,645,000



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Flood Mitigation - Construction					
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0222014	700494	600870 (Multiple)			

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 102,000,000	\$ 3,451,996	\$ 16,391,133	\$ 82,156,871	\$ -	\$ -
2024	22,100,000	-	-	22,100,000	-	-
2025	7,300,000	-	-	7,300,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 131,400,000	\$ 3,451,996	\$ 16,391,133	\$ 111,556,871	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 131,400,000	\$ 87,127,740	\$ 39,652,372	\$ 4,619,888

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

The Lower Townsite of Fort McMurray (including Waterways) has a long history of ice jam floods due to the Clearwater/Athabasca River confluence, and has also experienced open water flooding from the Hangingstone River. The capital Flood Mitigation Program was initiated in 2014, and originally focused on the 1:100 year ice jam flood elevation. After the 2020 ice jam flood, Council directed that the 1:200 flood elevation be used. This project therefore provides flood mitigation to the 1:200 flood elevation using a combination of elevated roads, berms, and retaining walls.

After the 2020 flood, the scope of the flood mitigation program was expanded to include seasonal flood mitigation, enhancements to underground utilities to prevent backflooding, and additional program areas. These scope additions have been denoted as Stage 2 and Stage 3 during recent Council updates, with the original program scope denoted as Stage 1. During the period of 2020 - 2023, costs for seasonal mitigation and underground enhancements were included in the Flood Mitigation Program. Beginning in 2024, seasonal flood mitigation costs are budgeted outside of the Flood Mitigation program.

The current approved multi-year budget is \$131.4 million (which includes recent budget requests for TaigaNova North), and the requested revised budget is \$239.7 million. This increase of \$108.3 million includes updated estimates of cost to complete the original program (Stage 1) as well as cost estimates to completed the Stage 2 and Stage 3 scopes. The program budget was not revised in the period afer the 2020 flood as at that time, funds were not being spent. Previous Senior Leadership therefore directed Engineering to adjust the budget and to bring forward amendments as and when required.

The current estimated cost at completion for Stage 1 is approximately \$160.8M . This includes the cheaper conceptual option for Reach 6. The estimated cost for Stage 2 is \$ 78.56M and Stage 3 is \$1.09M.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS - ☐ Yes ☒ No

0

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 102,000,000	\$ 3,451,996	\$ 16,391,133	\$ 82,156,871	\$ -	\$ -
2024	33,800,000	-	-	33,800,000	-	-
2025	50,425,000	-	-	50,425,000	-	-
2026	26,600,000	-	-	26,600,000	-	-
2027	18,500,000	-	-	18,500,000	-	-
2028	8,400,000	-	-	8,400,000	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 239,725,000	\$ 3,451,996	\$ 16,391,133	\$ 219,881,871	\$ -	\$ -

Budget Change						
TOTAL	\$ 108,325,000	\$ -	\$ -	\$ 108,325,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:

Rural Water and Sewer Servicing - Construction

AMENDED PROJECT NAME:

Group I/O

Revenue I/O

Expense I/O

Project Amendment

ORDER CODES (if assigned):

0572014

700529

600953

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 165,100,000	\$ 15,250,000	\$ 56,963,699	\$ 87,886,301	\$ 5,000,000	\$ -
2024	10,700,000	-	-	10,700,000	-	-
2025	5,000,000	-	-	5,000,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 180,800,000	\$ 15,250,000	\$ 56,963,699	\$ 103,586,301	\$ 5,000,000	\$ -

As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 180,800,000	\$ 153,142,430	\$ 16,275,068	\$ 11,382,502

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

This project is for the construction of water and sanitary systems including water and sanitary mains up to the property lines and all related infrastructure such as lift stations, manholes, cleanouts, water reservoir, pump house and fire hydrant in Anzac, Conklin, Gregoire Lake Estates, Janvier and Sapræe Creek Estates.

The approved budget is \$180.8 million, the revised request is \$197.2 million. The change in the request is \$16.4 million increase. This budget amendment is to address the required funds in 2025 to 2028.

All contracts are completed except the contracts in Conklin for Christina Lake Drive and Father Mercredi’s Trail which are divided into 3 phases.

1. Contract Phase 4A - Christina Lake Drive in Conklin which is currently at 45% complete with anticipated completion date by Q4 2024

2. Contract Phase 4B - Remaining Christina Lake Drive - Tender planned for Q4 2024

3. Contract Phase 4C – Remaining Christina Lake crossing Jackfish River – Tender planned for Q4 2025

The budget increase is seen on the remaining two contracts in Conklin Phase 4B & 4C at Christina Lake Drive.

Please note that there have been delays for 4B and 4C projects due to information received from the community regarding the location of historical burial grounds. The department is currently awaiting recommendation from the Alberta Culture and Tourism on next steps.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS - ☐ Yes ☒ No

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Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 165,100,000	\$ 15,250,000	\$ 56,963,699	\$ 87,886,301	\$ 5,000,000	\$ -
2024	6,300,000	-	-	6,300,000	-	-
2025	9,800,000	-	-	9,800,000	-	-
2026	6,600,000	-	-	6,600,000	-	-
2027	4,700,000	-	-	4,700,000	-	-
2028	4,700,000	-	-	4,700,000	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 197,200,000	\$ 15,250,000	\$ 56,963,699	\$ 119,986,301	\$ 5,000,000	\$ -

Budget Change
TOTAL
\$ 16,400,000
\$ -
\$ -
\$ 16,400,000
\$ -
\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Rural Infrastructure Rehabilitation 2015-2017-Construction				
AMENDED PROJECT NAME:					
	Group I/O	Revenue I/O	Expense I/O	Project Amendment	
ORDER CODES (if assigned):	0402015	700669	601126		

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 104,200,000	\$ -	\$ 87,000,000	\$ 17,026,946	\$ 173,054	\$ -
2024	3,500,000	-	-	3,500,000	-	-
2025	2,300,000	-	-	2,300,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 110,000,000	\$ -	\$ 87,000,000	\$ 22,826,946	\$ 173,054	\$ -


CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 110,000,000	\$ 99,684,661	\$ 8,191,154	\$ 2,124,185

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
<p>The Rural Infrastructure Rehabilitation-Construction is initiated for the selected roads in the southern rural communities of Anzac, Conklin, Draper, Gregoire Lake Estates, Janvier and Saprae Creek Estates that are prioritized for rehabilitation.</p> <p>The project is being implemented in conjunction with the Rural Water and Sewer Servicing project.</p> <p>The scope includes the upgrading of existing drainage culverts to the bigger size to accommodate road surface drainage ditches, sidewalks, culverts, curbs and gutter.</p> <p>The approved budget is \$110 million, the revised request is \$123.9 million. The change in the request is \$13.9 million increase.</p> <p>This budget amendment is to address the required funds in 2025 to 2028.</p> <p>All contracts are completed except the contracts in Conklin for Christina Lake Drive and Father Mercredi’s Trail which are divided into 3 phases.</p> <p>1. Contract Phase 4A - Christina Lake Drive in Conklin which is currently at 45% complete with anticipated completion date by Q4 2024</p> <p>2. Contract Phase 4B - Remaining Christina Lake Drive - Tender planned for Q4 2024</p> <p>3. Contract Phase 4C – Remaining Christina Lake crossing Jackfish River – Tender planned for Q4 2025</p> <p>The budget increase is seen on the remaining two contracts in Conklin Phase 4B & 4C at Christina Lake Drive.</p> <p>Please note that there have been delays for 4B and 4C projects due to information received from the community regarding the location of historical burial grounds. The department is currently awaiting recommendation from the Alberta Culture and Tourism on next steps.</p>

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 104,200,000	\$ -	\$ 87,000,000	\$ 17,026,946	\$ 173,054	\$ -
2024	3,500,000	-	-	3,500,000	-	-
2025	6,200,000	-	-	6,200,000	-	-
2026	4,400,000	-	-	4,400,000	-	-
2027	2,800,000	-	-	2,800,000	-	-
2028	2,800,000	-	-	2,800,000	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 123,900,000	\$ -	\$ 87,000,000	\$ 36,726,946	\$ 173,054	\$ -

Budget Change					
TOTAL	\$ 13,900,000	\$ -	\$ -	\$ 13,900,000	\$ -



REGIONAL MUNICIPALITY
OF WOOD BUFFALO

Reference Number 24-008

CAPITAL BUDGET AMENDMENT

Council

CURRENT PROJECT NAME:Fort McKay Community Centre

AMENDED PROJECT NAME:

Group I/ORevenue I/OExpense I/OProject Amendment

ORDER CODES (if assigned):0262019701084601862

CURRENT PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 5,100,000	\$ -	\$ -	\$ 5,100,000	\$ -	\$ -
2024	10,500,000	-	-	10,500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 15,600,000	\$ -	\$ -	\$ 15,600,000	\$ -	\$ -

CURRENT COST AND COMMITMENT

As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 15,600,000	\$ 4,080,273	\$ 11,328,560	\$ 191,167

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

The project is to address the interest from the Fort McKay Métis Community to develop a cultural centre to be used by the Fort McKay Community members (Métis and First Nation) as well as interested individuals and groups from the Regional Municipality of Wood Buffalo.

The approved budget is \$15.6 million, the revised request is \$17.1 million. The change in the request is an increase of \$1.5 million.

Construction is 30% complete with planned completion for Q1 2025.

As per the geotechnical report in 2021, the subsurface conditions encountered oil sand as high as 1 meter below the existing ground surface. Oil sand is not a suitable construction material and is considered as a contaminated material. This material is required to be disposed off site.

Construction of this project started in July 2023 and there are no available funds to mitigate these construction risks. Out of this budget, RMWB reimbursed a design fee of \$701,101.54 to Fort McKay Metis Nation, which is a sunk cost for this project. It needed a significant amount of work to complete the design package.

This amendment is to address the additional funds required to mitigate the risks of subsurface soil conditions and also the include fixtures, furniture and equipment.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -

☐ Yes

☒ No

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AMENDED PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 5,100,000	\$ -	\$ -	\$ 5,100,000	\$ -	\$ -
2024	8,500,000	-	-	8,500,000	-	-
2025	3,500,000	-	-	3,500,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 17,100,000	\$ -	\$ -	\$ 17,100,000	\$ -	\$ -

Budget Change

TOTAL	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -
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CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Public Works North Facilities					
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0102020	701167	601994			

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 33,000,000	\$ -	\$ 18,800,000	\$ 14,200,000	\$ -	\$ -
2024	15,500,000	-	-	15,500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 48,500,000	\$ -	\$ 18,800,000	\$ 29,700,000	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 48,500,000	\$ 32,796,014	\$ 15,594,695	\$ 109,291

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
<p>This project is for the design & construction of a new 27,000 sq.ft administration/maintenance facility and a 36,000 sft heated fleet & equipment storage facility within the site, which will adequately support all functions of the Roads, Parks and Fleet services. The scope of the project also includes site development, site servicing and environmental site remediation.</p> <p>The approved budget is \$48.5 million, the revised request is \$50.65 million. The change in request is an increase of \$2.15 million.</p> <p>The cost increase is to add fixtures, furniture and equipment which was not in the current approved budget of (\$1.15M) and additional subgrade improvement required due to unsuitable soil condition found during construction (\$1M).</p> <p>The construction of the facilities started in summer 2022 and it is currently at 65% complete with a planned completion in Q4 2024.</p>

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 33,000,000		\$ 18,800,000	\$ 14,200,000	\$ -	\$ -
2024	17,650,000	-	7,000,000	10,650,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 50,650,000	\$ -	\$ 25,800,000	\$ 24,850,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 2,150,000	\$ -	\$ 7,000,000	\$ (4,850,000)	\$ -	\$ -



CAPITAL BUDGET AMENDMENT

Council

CURRENT PROJECT NAME: Fort Chipewyan Airside Pavement Rehabilitation - Construction
AMENDED PROJECT NAME:

Group I/O Revenue I/O Expense I/O Project Amendment
ORDER CODES (if assigned): 0162021 701256 602124

CURRENT PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 18,700,000	\$ -	\$ -	\$ 18,700,000	\$ -	\$ -
2024	7,500,000	-	-	7,500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 26,200,000	\$ -	\$ -	\$ 26,200,000	\$ -	\$ -

CURRENT COST AND COMMITMENT

As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 26,200,000	\$ 18,638,773	\$ 1,126,999	\$ 6,434,228

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

RMWB owns and operates the Fort Chipewyan Airport. This airport serves as a vital transportation hub for the hamlet of Fort Chipewyan, particularly during the summer months when the winter road is unavailable. As well, the airport facilitates medevac services in and out of the community.

The runway, taxiway, runway drainage system, and apron are at the end of their service life and/or have been identified as not meeting current standards. This rehabilitation will ensure the continued long-term safety and reliability of the facility.

Many of these rehabilitation components qualify for Transport Canada grant funding. RMWB has already received partial funding approval through the Airport Capital Assistance Program (ACAP) and an agreement has been signed with Transport Canada.

No environmental concerns or impacts are anticipated for this project. The project will not trigger environmental assessment under the federal Environmental Act. Engineering reports indicate the pavements should be rehabilitated as of 2020 as the pavements will have reached the end of their lifespan. With construction scheduled for 2023 at the earliest, it is vitally important that this project be prioritized to ensure a safe operating environment is maintained for the traveling public and that lifecycle costs are minimized.

The approved budget is \$26.2 million, the revised request is \$21.2 million. The change in the budget request is a decrease of \$5 million.

The project is substantially complete and is expected to be completed by Q1, 2024. Therefore this amendment is to release the available funds.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS - ☐ Yes ☒ No

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AMENDED PROJECT BUDGET

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 18,700,000	\$ -	\$ -	\$ 18,700,000	\$ -	\$ -
2024	2,500,000	-	-	2,500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 21,200,000	\$ -	\$ -	\$ 21,200,000	\$ -	\$ -

Budget Change

TOTAL	\$ (5,000,000)	\$ -	\$ -	\$ (5,000,000)	\$ -	\$ -
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CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Conklin Water Treatment Plant Upgrades - Construction				
AMENDED PROJECT NAME:					
	Group I/O	Revenue I/O	Expense I/O	Project Amendment	
ORDER CODES (if assigned):	0012022	701369	602399		

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 3,100,000	\$ -	\$ -	\$ 3,100,000	\$ -	\$ -
2024	762,000	-	-	762,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 3,862,000	\$ -	\$ -	\$ 3,862,000	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 3,862,000	\$ -	\$ 3,861,319	\$ 681

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

The Conklin Water Treatment Plant (WTP) is a remote facility accessible by Highway 881. The Highway is prone to severe winter conditions which can restrict safe access by the operating staff. The WTP is heavily impacted by severe weather and any road conditions preventing access to the site. The WTP operates as a single treatment train with no redundancy. This project will install the components necessary to operate a second treatment train and a sophisticated resilient control system for operations. Having a second treatment train will enhance the capability to operate during marginal weather conditions and allow for safe operations in case of equipment failures in a treatment train.

The approved budget is \$3.86 million, and the revised request for the budget is \$4.31 million. The change in the request is an increase of \$450,000.

The existing containment tank for the second Water Treatment Train (Clarifier) was installed in the building over 10 years ago, and had not been commission or put into service. In November 2023 when the Clarifier was hydrotested, a leak was identified with the tank and a repair plan is being developed by the Prime Contractor and Prime Consultant. The funding increase requested is to intended to mitigate any additional construction risks and provide flexibility to deal with as-found issues identified during upcoming construction.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS - ☐ Yes ☒ No

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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 3,100,000	\$ -	\$ -	\$ 3,100,000	\$ -	\$ -
2024	1,212,000	-	-	1,212,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 4,312,000	\$ -	\$ -	\$ 4,312,000	\$ -	\$ -

Budget Change					
TOTAL	\$ 450,000	\$ -	\$ -	\$ 450,000	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Fort McKay Range Road 1109 Improvements - Design & Construction				
AMENDED PROJECT NAME:					
	Group I/O	Revenue I/O	Expense I/O	Project Amendment	
ORDER CODES (if assigned):	0212022	701379	602409		

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -
2024	2,000,000	-	-	2,000,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 2,300,000	\$ -	\$ -	\$ 2,300,000	\$ -	\$ -

CURRENT COST AND COMMITMENT					
As at	Current Budget	Actual to Date	Commitments	Available	
11/30/2023	\$ 2,300,000	\$ 139,324	\$ 243,231	\$ 1,917,445	

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
<p>This project is for design and construction of a local road from Fort McKay main road to the end of the community Centre on the Range Road 1109. The scope also includes underground infrastructure such as water, storm, sewer and sanitary lines.</p> <p>The approved budget is \$2.3 million, the revised request is \$3.2 million. The change in the budget request is an increase of \$900,000.</p> <p>Design is 67% complete with a planned completion by Q1 2024. In the year 2022, the project initiation budget was class D estimate; the budget was revised to class B in Q4, 2023.</p> <p>This amendment is to address the revised cost estimate for the construction phase.</p>

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<div>0</div>
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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -
2024	2,900,000	-	-	2,900,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 3,200,000	\$ -	\$ -	\$ 3,200,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 900,000	\$ -	\$ -	\$ 900,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Fort McMurray Crossflow Clarifier Lifecycle - Construction					
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0512022	701407	602442			

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 2,670,000	\$ -	\$ -	\$ 2,670,000	\$ -	\$ -
2024	2,000,000	-	-	2,000,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 4,670,000	\$ -	\$ -	\$ 4,670,000	\$ -	\$ -

CURRENT COST AND COMMITMENT					
As at	Current Budget	Actual to Date	Commitments	Available	
11/30/2023	\$ 4,670,000	\$ 1,193,252	\$ 3,462,499	\$ 14,249	

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
<p>In 2020, an integrity assessment was completed on the 35-year-old Crossflow Clarifiers at the Fort McMurray Water Treatment Plant. The integrity report identified the rehabilitation requirements for the concrete tank and weir plates. A Consultant was hired in December 2021 to complete the design of the rehabilitation of the mechanical and structural systems. During Construction, the Clarifiers will need to be taken offline for an extended period, which provides the opportunity to inspect the structural and mechanical components of the upstream flocculation tanks and the downstream recarbonation tanks. These structures are the same age as the clarifiers, and we anticipate similar repairs will be needed.</p> <p>Not completing the work will require paying more for maintenance costs on the sludge collection system and more downtime for repairs on the ageing system. Not completing the structural repairs on the concrete tank will shorten the life expectancy of the tank and increase the probability of tank leakage that could damage the water treatment plant process and electrical equipment.</p> <p>The approved budget is \$4.67 million, the revised request is \$5.17 million. The change in the budget request is an increase of \$500,000.</p> <p>The commitments include \$300,000 cash allowance for concrete repairs that were to be identified from Structural inspections. As of December 1st, 2023 20% of tanks surfaces have been inspected and 57% of the cash allowance has been utilized. Predicted additional repairs for the remaining inspections to occur will require another \$500,000.</p>

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 2,670,000	\$ -	\$ -	\$ 2,670,000	\$ -	\$ -
2024	2,000,000	-	-	2,000,000	-	-
2025	500,000	-	-	500,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 5,170,000	\$ -	\$ -	\$ 5,170,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Regional Control System Replacements - Design & Construction				
AMENDED PROJECT NAME:					
	Group I/O	Revenue I/O	Expense I/O	Project Amendment	
ORDER CODES (if assigned):	0392022	701395	602425		

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 3,800,000	\$ -	\$ -	\$ 3,800,000	\$ -	\$ -
2024	4,000,000	-	-	4,000,000	-	-
2025	3,000,000	-	-	3,000,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 10,800,000	\$ -	\$ -	\$ 10,800,000	\$ -	\$ -

CURRENT COST AND COMMITMENT					
As at	Current Budget	Actual to Date	Commitments	Available	
12/13/2023	\$ 10,800,000	\$ 620,236	\$ 7,355,050	\$ 2,824,714	

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT	
<p>This project is required to ensure control system components related to the regional water supply are life cycled according to industry best practices. Current control systems are scheduled for obsolescence in 2026 and the proposed replacement components will be phased in over the next 3 years.</p> <p>Failure of water control system components can completely eliminate the RMWB's ability to provide water supply to Anzac, Gregoire Lake Estates, Fort McMurray #468 First Nation, Janvier, Chipewyan Prairie Creek First Nation and Conklin, and Fort McMurray. Proactive work to avoid running obsolete and difficult to manage equipment will significantly reduce risks associated with drinking water availability within these communities.</p> <p>The approved budget is \$10.8 million, the revised budget request is \$16.25 million. The change in the budget request is an increase of \$5.45 million.</p> <p>In the year 2022, the project initiation budget was class D; the budget was revised to class B in Q3, 2023, when the project design exceeded 67%. Material procurement is on-going in order to capture savings realized by bulk material purchase. This is a time and material type of project (program), which is very cost-sensitive, requiring a significant engineering and design effort to identify and implement cost saving strategies.</p>	

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 3,800,000	\$ -	\$ -	\$ 3,800,000	\$ -	\$ -
2024	4,500,000	-	-	4,500,000	-	-
2025	4,500,000	-	-	4,500,000	-	-
2026	3,450,000	-	-	3,450,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 16,250,000	\$ -	\$ -	\$ 16,250,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 5,450,000	\$ -	\$ -	\$ 5,450,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Spray Park Replacement Program - Design Build				
AMENDED PROJECT NAME:					
	Group I/O	Revenue I/O	Expense I/O	Project Amendment	
ORDER CODES (if assigned):	0432022	701399	602429		

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -
2024	2,150,000	-	-	2,150,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-		-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 3,550,000	\$ -	\$ -	\$ 3,550,000	\$ -	\$ -

CURRENT COST AND COMMITMENT					
As at	Current Budget	Actual to Date	Commitments	Available	
12/13/2023	\$ 3,550,000	\$ 1,301,377	\$ 1,312,308	\$ 936,315	

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
<p>This project will address the replacement of three splash parks in Fort McMurray over three to four years. The splash parks are located at the Wood Buffalo Park, KP Wong and Lakewood. All of these parks have met their life expectancy, the plumbing is failing and the surfaces need to be replaced. This project will completely rehabilitate the splash parks by removing the old park, connecting to the sanitary sewer and replacing it with new equipment and surfacing. These replacements will provide continued service to the community and ensure many more years of play opportunity. The replacement program is as follows: 2022/23 - KP Wong Spray Park in Syncrude Athletic Park, 2024 - Wood Buffalo Spray Park, and 2025 - Lakewood Spray Park.</p> <p>Spray Park Replacement (originally requested for three facilities in 2022 for \$3,550,000). KP Wong Spray Park contract value \$1,338,685 (substantially completed), Wood Buffalo Spray Park (currently on the market), and Lakewood Spray Park (planned for 2026). The department projected an increase in cost based on current market costs and market dynamics. The department would have a better understanding of the market and cost numbers when the project is presented to the council in 2025 for 2026 construction.</p> <p>The change in the request is an partial budget reallocation from 2024 to 2026 and projection for \$150,000 budget increase in 2026.</p>

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -
2024	1,300,000	-	-	1,300,000	-	-
2025	-	-	-	-	-	-
2026	1,000,000	-	-	1,000,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 3,700,000	\$ -	\$ -	\$ 3,700,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Fort McKay WTP Chemical System - Construction					
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0222023	701495	602503			

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ -
2024	1,500,000	-	-	1,500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
12/13/2023	\$ 2,000,000	\$ -	\$ 1,029,655	\$ 970,345

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
<p>The Fort McKay Water Treatment plant was originally constructed in 1987, and partially upgraded in 2003 to meet community requirements. As part of the water treatment plant's lifecycle strategy, a consultant conducted an assessment in 2020. One of the deliverables from this project was to identify a list of updates the plant requires to continue producing compliant water safely. The RMWB completed many of the items with internal resources, but the chemical system rehabilitation requires engineering design and construction. The scope includes demolition of chemical systems not in use, upgrade to citric acid, soda ash, sodium hypochlorite and IsoPac chemical systems, with appropriate containment. The existing chemical system poses chemical risks and the proposed modifications will enhance the safety for staff.</p> <p>The approved budget is \$2.0 million, the revised request is \$1.5 million. The change in the request is a decrease of \$500,000.</p> <p>As the detailed design is now complete; based on updated costs from the consultant, department has reduced the construction budget request.</p>

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ -
2024	700,000	-	-	700,000	-	-
2025	300,000	-	-	300,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -

Budget Change						
TOTAL	\$ (500,000)	\$ -	\$ -	\$ (500,000)	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Road Surface and Alleyways Improvement					
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0292023	701502	602510			

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 1,750,000	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -
2024	5,250,000	-	-	5,250,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 7,000,000	\$ -	\$ -	\$ 7,000,000	\$ -	\$ -

CURRENT COST AND COMMITMENT					
As at	Current Budget	Actual to Date	Commitments	Available	
12/12/2023	\$ 7,000,000	\$ 673,018	\$ 973,562	\$ 5,353,420	

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

This project is for the construction phase of mill and pave, surface improvement and full reconstruction including sidewalks, curbs and gutters. The roads were identified as part of the 3-year Program Development for linear assets within the Urban Service Area.

The approved budget request is \$7.0 million, the revised budget request is \$9.0 million. The change in the request is an increase of \$2.0 million.

This project consists of 4 contracts:

- Contract 1 - Cruishank Rd and Bay, Dickins Dr, Astum Court, Athabasca Pl, Athabasca Ave, Piven Place, Alpine Court - Construction is 50% complete and planned for completion in Q3 2024
- Contract #02 - Eymundson Rd , Wood Buffalo Way, Leithner Gate - Design is complete and Tender is planned for Q1 2024
- Contract #03 - Athabasca Ave North Lane (Back Alley) Surface Drainage - Design is complete and Tender is planned for Q1 2024
- Contract #04 - Hinge Road and Bay & Beaton Place - Design is complete and construction is earmarked for 2025

This amendment is to address the additional costs for the four roads added due to its deteriorating conditions and to request more funding to proceed with the tender in 2024 and 2025. These added roads are Beaton Place, Leitner Gate, Wood Buffalo Way, and Hinge Road & Hinge Bay. Design has been completed for all the roads under the UIRP program.

This request will cover the construction costs for Contract #2, Contract #3, and Contract #4.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS - ☐ Yes ☒ No

0

Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 1,750,000	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -
2024	4,000,000	-	-	4,000,000	-	-
2025	3,250,000	-	-	3,250,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 9,000,000	\$ -	\$ -	\$ 9,000,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:		Moccasin Flats Memorial - Design				
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0282021	701268	602136			

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -
2024	-	-	-	-	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 200,000	\$ -	\$ -	\$ 200,000

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

The budget allocated was for design, fabrication, and installation in 2020. Locations previously selected are no longer feasible due to the risks associated with the outfall and due to electrical boxes in the areas. Further engagement is required with McMurray Métis and other communities to finalize the design and ensure support for the new location. We don't believe we'll be ready for construction until 2025.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS - ☐ Yes ☒ No

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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -
2024	-	-	-	-	-	-
2025	300,000	-	-	300,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:		Outdoor Rink Asphalt Surface Upgrade				
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0292021	701269	602137			

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -
2024	450,000	-	-	450,000	-	-
2025	-	-	-		-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 1,850,000	\$ -	\$ -	\$ 1,850,000	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 1,850,000	\$ 1,278,534	\$ 61,153	\$ 510,313

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT

The change in the request is a partial budget ask for relocation from 2024 to 2026 and a projection for \$150,000 budget increase in 2026.

Outdoor Rink Asphalt Surface Upgrade (originally requested for four facilities in 2021 for \$1,850,000. Thickwood is completed (contract value \$383,113.40), Abasand is completed (contract value \$459,460.39), Waterways is substantially completed (current contract value \$497,114.00), and Timberlea (planned for 2025). The department projected an increase in cost based on current market costs and market dynamics. The department would have a better understanding of the market and cost numbers when the Timberlea project is presented to the council in 2024.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS - ☐ Yes ☒ No

0

AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -
2024	-	-	-	-	-	-
2025	-	-	-	-	-	-
2026	600,000	-	-	600,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Fort Chipewyan Reservoir Capacity Expansion - Design					
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0192022	701377	602407			

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -
2024	500,000	-	-	500,000	-	-
2025	-	-	-	-	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 600,000	\$ -	\$ -	\$ 600,000	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 600,000	\$ -	\$ -	\$ 600,000

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
Fort Chipewyan Reservoir Capacity expansion is required to re-activate the original potable water storage cell taken out of service in 2018 due to excessive spalling of the concrete within the reservoir. Detailed design is required, followed by construction in 2025/2026. The 2024 budget was increased in response to the latest cost estimate provided during the assessment performed in 2023.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -
2024	-	-	-	-	-	-
2025	320,000	-	-	320,000	-	-
2026	850,000	-	-	850,000	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 1,270,000	\$ -	\$ -	\$ 1,270,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 670,000	\$ -	\$ -	\$ 670,000	\$ -	\$ -



CAPITAL BUDGET AMENDMENT
Council

CURRENT PROJECT NAME:	Active Transportation Phase 3					
AMENDED PROJECT NAME:						
	Group I/O	Revenue I/O	Expense I/O	Project Amendment		
ORDER CODES (if assigned):	0122023	701485	602493			

CURRENT PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -
2024	700,000	-	-	700,000	-	-
2025	-	-	-		-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -

CURRENT COST AND COMMITMENT				
As at	Current Budget	Actual to Date	Commitments	Available
11/30/2023	\$ 1,000,000	\$ -	\$ 98,717	\$ 901,283

DESCRIPTION/RATIONALE FOR BUDGET AMENDMENT
Active transportation Phase 3 design work is currently in progress, with an expectation to start construction in 2025 pending final design and budget approval.
The change in the request is a budget request from 2024 to 2025. Given the design is not yet completed the value of the budget is based on estimates obtained from current markets and similar projects completed. Once the design is completed the project team will be able to present in preparation for the 2025 budget more accurate costing based on design and market conditions at that time.

THIS IS A REQUEST TO USE CONTINGENCY FUNDS -	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	0
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AMENDED PROJECT BUDGET						
Year	Annual Cost	Fed Grants	Prov Grants	Reserves	Other Sources	Debenture Financed
2023 & Prior	\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -
2024	-	-	-	-	-	-
2025	1,000,000	-	-	1,000,000	-	-
2026	-	-	-	-	-	-
2027	-	-	-	-	-	-
2028	-	-	-	-	-	-
2029	-	-	-	-	-	-
Thereafter	-	-	-	-	-	-
TOTAL	\$ 1,300,000	\$ -	\$ -	\$ 1,300,000	\$ -	\$ -

Budget Change						
TOTAL	\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -

Subject: 2024 Budget, 2025 – 2026 Financial Plan**APPROVALS:****Henry Hunter**_____
Director_____
Chief Administrative Officer**Recommended Motion:**

1. THAT the 2024 Operating Budget, in the amount of \$603,671,254 be approved, representing \$466,116,111 for Municipal operations excluding the Communications and Engagement, and \$137,555,143 as a funding transfer for reserves and capital purposes, be approved.
2. THAT the 2024 Operating Budget be amended to add \$7,909,089 for the Communications and Engagement Department.
3. THAT the 2025 – 2026 Financial Plan in the amount of \$601,132,376 and \$599,440,270 respectively, which includes funding transfers for reserves and capital purposes of \$121,459,659 and \$113,290,135 respectively, be used as the basis for the development of the respective subsequent budgets; and

THAT the 2024 Capital Budget of \$170,374,800 and the Public Art reserve transfer of \$42,370, totaling \$170,417,170, be approved.

Summary:

The *Municipal Government Act* (MGA) requires that every Alberta municipality approve a budget prior to passing a property tax bylaw. It is advantageous for a municipality to approve a budget prior to the start of the budget year to avoid delays or disruptions in planned activities for the upcoming year.

Background:

The 2024 Operating Budget, 2025 - 2026 Financial Plan is aligned with the 2022 - 2025 Strategic Plan and represents a continuation of funding allocations aimed at maintaining assets, providing quality core services and construction of capital assets to support municipal operations and enhance the quality of life for the residents of the region.

Budget/Financial Implications:

The 2024 Operating Budget, 2025 - 2026 Financial Plan is providing the spending limits for the operations of the Municipality and the continuation of approved capital projects.

Rationale for Recommendation:

The 2024 Operating Budget, 2025 - 2026 Financial Plan is a culmination of a series of review and prioritization meetings of Council concluded on December 13, 2023.

The 2024 Operating Budget, 2025 - 2026 Financial Plan provides for the continuation of operations and capital funding requirements for the Municipality for 2024.

Strategic Plan Values:

Fiscal Management