



AGENDA

PUBLIC INPUT

1. CALL TO ORDER
2. ADOPTION OF AGENDA
3. DECLARATION OF INTEREST
4. ANNOUNCEMENTS, AWARDS, CEREMONIES & PRESENTATIONS
5. ADMINISTRATIVE ENQUIRIES
6. NEW BUSINESS
 - a. Preliminary Flood Damage Assessments with Repair and Mitigation Estimates – page 2-46
 - b. 2021 Audited Financial Statements – page 47-87
7. NOTICE OF MOTIONS
8. IN CAMERA
 - a. **Matters under Consideration** - pursuant to Cities, Towns & Villages Act, S.N.W.T. 2003 c. 22, Section 23. (3), (e)
9. ADJOURNMENT



REPORT TO COUNCIL

DEPARTMENT: OFFICE OF SAO

Date: June 28, 2022

SUBJECT: Preliminary Flood Damage Assessments with Repair and Mitigation Estimates

RECOMMENDATION:

THAT THE COUNCIL OF THE TOWN OF HAY RIVER accepts the Preliminary Flood Damage Assessments with Repair and Mitigation Estimates report as information.

BACKGROUND:

The Town of Hay River incurred major damage to its infrastructure during the flood of 2022. Since the middle of May work has been undertaken to assess damage to these assets, and in some cases, undertake preliminary repair work to resume basic level of restoration.

The attached report provides a preliminary, high level summary of assets that have been damaged as well as potential mitigation work that could be undertaken in conjunction with repair work to reduce future recurrence. Rough order estimates on costs to repair/mitigate are included in the report as well as potential funding sources for the work. Dates for completion of work are suggested assuming access to funding to support.

Assessments, estimates, and funding position will evolve as more information is gathered. A more forward, long term plan is suggested through the completion of a community adaptation plan that considers the impact of climate change on our community and our infrastructure design. This plan would not only consider flooding but other environmental impacts such as wildfires.

Preliminary estimates for Town infrastructure repairs and replacements related to the flood is \$22 million. Mitigation estimates tied to the assets is approximately \$30 million.

The Finance Committee will be meeting by early July to review flood recovery costs incurred to date (and response costs) and to recommend any further spend deemed needed ahead of securing third party funding (ie. Insurance, Disaster Assistance Policy). A recommendation to Council will be brought forward in July and will include approval to submit applications through the Disaster Assistance Policy which is thought to be the major financial source for supporting recovery and mitigation work.

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:



REPORT TO COUNCIL

DEPARTMENT: OFFICE OF SAO

Date: June 28, 2022

SUBJECT: Preliminary Flood Damage Assessments with Repair and Mitigation Estimates

FINANCIAL IMPLICATIONS:

No financial commitments are made through Council's approval of the recommendation. Preliminary estimates for flood repair and mitigation are:

Repair/Replacement: \$22 Million

Mitigation: \$30 Million

ALTERNATIVES TO RECOMMENDATIONS:

NA

ATTACHMENTS:

Preliminary Flood Damage Assessments with Repair and Mitigation Estimates

Prepared by:

Glenn Smith

SAO

June 24, 2022

Public Works Assets:

1. Affected Area - Industrial	TOHR Affected Asset(s): Roads, culverts, ditches
<p>Roads within the Industrial area of Hay River affected by the 2022 flood includes Industrial Drive, Studney Drive, Lagoon Road & WTP road.</p> <p>Ditches exceeded capacity on Industrial Drive and Studney Drive, causing overflow and damage to the road surface and base. The affected areas are also impacted from the washing away of road granular as accumulation plugs culverts causing obstruction to flow.</p> <p>Similar washouts from watershed overflow at Lagoon Road ensued at two locations, causing segregation of road materials, shoulder erosion, rutting and deep depressions. Increased usage of Lagoon Road during post-flood recovery was necessary as access to the water treatment plant was obstructed. Lagoon Road consists primarily of sand and fine granular materials and is easily impacted by increased use, resulting in significant rutting which presents hazards for unaware motorists.</p> <p>As mentioned, the Water Treatment Plant Road is the main access to the WTP facility. This road was impassable to Town staff and contractors. Damage includes stripping of surface/base material as well as major deformation of large portions of roadway.</p>	



Cleanup & Repairs

Internal efforts from PW staff continue on affected areas to return to pre-flood conditions by utilizing Town equipment and stocked aggregate and culverts. High water in locations continue to impact roads, requiring significant increases in grading in comparison to normal operational activities. Town staff continues

assessing impact to culverts, cleaning and clearing when required. Three locations along WTP Road and Lagoon Road have been identified for new culvert installation.

Estimated Cost of Repairs: \$130,000	Estimated Repair Completion: Q3 2022	Repair Funding Source: Disaster Assistance Policy
<p>Mitigation Recommendations: Three locations along WTP Road and Lagoon Road have been identified for new culvert installation. Raising and resurfacing of WTP Road between Highway and Don Wright Ballpark.</p>		
Estimated Cost of Mitigation: \$630,000	Estimated Mitigation Completion: Q3 2022	Mitigation Funding Source: Disaster Assistance Policy; Disaster Mitigation Adaptation Fund; Donation; GNWT

2. Affected Area – Vale Island/ West Channel	Affected PW Assets: Roads, culverts, ditches
<p>Roads affected by the flood in this section of Town include 101 Street, 102 Avenue, 103 Avenue, 104 Avenue, Lake Shore Drive, Back Road, Alaska Road, Godwin Road, & Kutcher Road. Ditches exceeded capacity in these areas, causing overflow and damage to the road surface and base. The affected areas are also impacted from the washing away of road granular and subsequent accumulation of material, causing obstruction of flow in ditches/culverts.</p> <p>West Channel roads were damaged not only from high volumes of water & ice, but also from movement of privately owned structures. Road washouts in these areas are widespread, causing segregation of granular material at significant depths. High water levels on Back Road continue to cause erosion of the road’s shoulder.</p>	



June 23, 2022



June 23, 2022






Cleanup & Repairs: Internal efforts from PW staff continue at affected areas to return to pre-flood conditions by utilizing Town equipment and stocked aggregate and culverts. High water in locations continue to impact roads, requiring significant increases in grading in comparison to normal operational activities. Town staff continues assessing impact to culverts - cleaning and clearing when required. Culvert replacement is still required in some areas and re-ditching will be required to ensure positive flow. Sections of road in West Channel will require excavation and placement of new granular base and surface.

Estimated Cost of Repairs: \$75,000	Estimated Repair Completion: Q3 2022	Repair Funding Source: Disaster Assistance Policy
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Mitigation Recommendations: Drainage study, installation of culverts, and drainage improvements.

Estimated Cost of Mitigation: \$80,000	Estimate Mitigation Completion: Q3 2023	Mitigation Funding Sources: Disaster Assistance Policy
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3. Affected Area – Riverview Drive Area & Ravine		TOHR Affected Asset(s): Roads, ditches	
<p>Riverview Drive, which is currently entering phase two of construction as a capital project for the Town, was breached in two locations, resulting in the stripping away of surface and base aggregate and significant flooding of the ravine</p>			
			
<p>Cleanup & Repairs: Hundreds of hours of labour and pumping from internal and contracted services/ equipment were required to clear water from the ravine and allow access to the lift station (pictured above). Cleanup required will involve removal of debris and road materials from ditches and placement of a new granular base.</p>			
Estimated Cost of Repairs: \$300,000		Estimated Repair Completion: Q3 2022	Repair Funding Source: Disaster Assistance Policy
<p>Mitigation Recommendations: assessments have been initiated to determine implications of raising the road elevation as scheduled construction is beginning for the 2022 season.</p>			
Estimated Cost of Mitigation: \$200,000	Estimate Mitigation Completion: Q3 2023	Identified funding sources: Disaster Assistance Policy	

4. Affected Area – Lift Stations		TOHR Affected Asset(s): LS 1,2,3,6, Beaver LS	
<p>Sewage Lift Station #1 located on Riverview Drive is currently the largest capacity lift station in the Town collecting sewage, servicing Mcrorie Rd in the south to the West Channel Bridge in the north. During the spring flooding of 2022 the Lift Station was submerged in 2.3 meters of water and sustained considerable damage to all the equipment in the building. Items include:</p> <ul style="list-style-type: none"> -150 KW generator -all electric panels, pump controls, plugs, lighting, and the service connection -two-40hp sewage pumps located in the dry well -HVAC Systems and controls for both the dry well and the wet well 			



Preliminary Flood Damage Assessments with Repair and Mitigation Estimates

June 23, 2022

-electric/hydraulic macerator system

Extensive assessments of structural, electrical, and process components from external sources were required and are ongoing.

There was not any damage to **sewage lift stations 2,3,6**; however, significant flooding did occur in each of these locations and cleanup activities were needed.

June 23, 2022



Cleanup & Repair: Lift Station 1 repairs and assessments are ongoing despite being operational through reduced capacity and redundancy as of June 2022. A detailed engineering assessment through Stantec will provide guidance to the Town in terms of replacement vs repair.

Lift stations 2,3,6, & Beaver LS had been cleaned by Town staff.

Estimated Cost of Repairs: \$4,100,000	Estimated Repair Completion: Q4 2023	Repair Funding Source: Insurance; Disaster Assistance Policy
Mitigation Recommendations: In addition to mitigation achieved through heightening the elevation of Riverview Drive, other engineered controls are suggested to protect the lift station building from potential flooding. Mitigation designs for the building would be explored through consultation with the Town's engineering firm.		
Estimated Cost of Mitigation: \$1,225,000	Estimated Mitigation Completion: 2024	Mitigation Funding Source: Disaster Assistance Policy

5. Affected Area – Alaska Road	TOHR Affected Asset(s): Bank/Berm
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Alaska Road is built along the top of the berm in the West Channel area of Town and provides access to a number of residential properties as well as the West Point First Nations band office. During the flooding, this section of the road sustained damage due to high water levels and ice flow in the channel. The 2022 flood caused the bank to slough away and cave into the channel.



Cleanup & Repair: Recommended option for repair includes a sheet pile wall along the river side of the road berm in the area of potential danger with reconstruction of the road to occur afterwards.

Estimated Cost of Repairs: 1,300,000	Estimated Repair Completion: 2023	Repair Funding Source: Disaster Mitigation and Adaptation Fund
Mitigation Recommendations: Mitigation included in scope of repair work.		
Estimated Cost of Mitigation: N/A	Estimated Mitigation Completion: N/A	Mitigation Funding Source: Disaster

		Mitigation and Adaptation Fund
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6. Affected Area – West Channel Berm	TOHR Affected Asset(s): Berm (excluding Alaska Rd.)
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Water and ice levels breached the berm in several locations, causing damage to the structure. Significant fracturing parallel to the berm has been observed and concern for further damage is warranted.



Cleanup & Repair: TBD. Further observation in the coming months will provide a basis for repair. If the berm continues to worsen, a geotechnical assessment is recommended to assess the cohesion and saturation limits of the berm’s material.

Estimated Cost of Repairs: \$100,000

Estimated Repair Completion: Q1 2023

Repair Funding Source: Disaster Assistance Policy

Mitigation Recommendations: Extension of berm to west area of the West Channel community to protect area from potential flooding through north end of airport paved air strip.

Estimated Cost of Mitigation: \$100,000

Estimated Mitigation Completion: Q1 2023

Mitigation Funding Source: Disaster Assistance Policy

7. Affected Area – New Town	TOHR Affected Asset(s): Storm System
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June 23, 2022

There are 10 storm outlets in town that empty onto the riverbank. Each outlet was damaged to some extent as ice pushed into the bank stripping away cover/overburden and exposing significant portions of pipe. In addition to the storm outlets, the gate valve for the ravine was damaged. River water flooding into town entered the storm sewers, leaving behind large deposits of silt.



Cleanup & Repair: Further assessment of damage is required; however, repairs will be extensive and will require flushing/camera work, armoring, replacement of headwalls, and replacement portions of storm pipe. Additional maintenance and cleaning of storm sewer was necessary in the aftermath of the 2022 flood.		
Estimated Cost of Repairs: \$670,000.00	Estimated Repair Completion: 2024	Repair Funding Source: DAP
Mitigation Recommendations: setback of outfall; armoring of headwall and bank to provide protection against further erosion and ice damage.	Identified funding sources: TBD, MACA	
Estimated Cost of Mitigation: \$100,000	Estimated Repair Completion: 2024	Repair Funding Source: DAP

8. Affected Area – 99 Woodland Drive	TOHR Affected Asset(s): Town Owned House
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Sewer backup resulting from the 2022 flood (~6” – 8”)



Cleanup & Repair: cleanup and repair to include removal and replacement of wall panels, shelving, dry wall, insulation, vapor barrier, and doors.

Estimated Cost of Repairs: \$30,000	Estimated Repair Completion: 2022 Q3	Repair Funding Source: Insurance
Mitigation Recommendations: NA		

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9. Affected Area – Water Treatment Plant	TOHR Affected Asset(s): Water Intake Line	
<p>The water intake line was inspected in 2021 but due to the time of year there was high turbidity, leaving visibility extremely limited. With increases in turbidity in recent years (particularly in 2022), there are reasons to believe that the intake line was compromised to an unknown extent. Boil water advisories have increased in recent years, and although the age of the water treatment plant is indicative of its limitations (i.e., removal of color), the water intake line is the most obvious factor affecting decreases in water quality in recent years.</p>		
		
<p>Cleanup & Repair: Options include divers & camera work, sealing the line to perform a pressure test and observing areas that may be compromised.</p>		
<p>Estimated Cost of assessment: \$300,000</p>	<p>Estimated Completion: Q3 2022</p>	<p>Assessment Funding Source: Disaster Assistance Policy</p>
<p>Mitigation Recommendations: NA</p>	<p>Identified funding sources: NA</p>	

10. Affected Area – Vale Island	TOHR Affected Asset(s): Manholes & Catch Basins	
<p>Flood water and ice damaged Town manholes and catch basins throughout Vale Island, leaving significant amounts of silt behind and stripping of granular material from the exterior, exposing infrastructure to further damage.</p>		



Cleanup & Repair: Pumping, flushing, placement of compacted aggregate.

Estimated Cost of Repair: \$35,000

Estimated Completion: 2022 Q3

Mitigation Recommendations: NA

Identified funding sources: NA

11. Affected Area – New Town

TOHR Affected Asset(s): Fraser Place

Fraser place is in the beginning stages of development and although the few lots affected by the flood had already been identified to be in the flood fringe zone, it is recommended that the lowest designed elevations be raised to mitigate future impact.



Cleanup & Repair: No cleanup or repair associated with this project.

Estimated Cost of Repairs: \$0	Estimated Repair Completion: n/a
Mitigation Recommendations: Raise the elevation of lots with costs incurred due to engineering, design, and aggregate.	Identified funding sources: ICIP
Mitigation Cost: \$110,000	Estimated Completion: Q4 2022

12. Affected Area – Corridor	TOHR Affected Asset(s): Solid Waste Facility
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The lifespan of the Hay River landfill has been a concern in recent years and the 2022 flood event has accelerated this decline significantly. An approximate airspace of 4000-4500 m³ is taken up within the landfill each year due to normal operations and a large amount of diverted material from cleanup and abatement is anticipated to increase this number substantially. Associated operational costs at the landfill to accommodate in influx of garbage was and continues to come at a cost. With limited years remaining at the Town’s landfill, and in consideration of increased regulatory requirements and access to land for a new facility, solutions are few and far between. Operational requirements to divert material and conform to regulation will be ongoing and costly as the impact on the facility is substantial.



Cleanup & Repair: Diversion, hauling of cover material to site, placement of material, additional sampling of bio pad/retention pond, repairs to access roads, and significant improvement to landfill working face and steep embankment of garbage surrounding.

Estimated Cost of Repairs: \$310,000	Estimated Repair Completion: Q3 2023	Repair Funding Source: Disaster Assistance Policy
Mitigation Recommendations: permanent scale for more accurate record volume received.	Identified funding sources: Disaster Assistance Policy	
Mitigation Cost: \$60,000	Estimated Completion: 2022	



Preliminary Flood Damage Assessments with Repair and Mitigation Estimates

June 23, 2022

13. Affected Area – Vale Island		TOHR Affected Asset(s): Electronic Crosswalk	
An electronic crosswalk sign near the entrance to the Merlyn Carter Airport was damaged by flood waters and ice making it in operable.			
Cleanup & Repair: Replacement of electronic controller is needed.			
Estimated Cost of Repairs: \$10,000		Estimated Repair Completion: Q3 2023	Repair Funding Source: Insurance

14. Affected Area – Vale Island		TOHR Affected Asset(s): West Channel Fire Hall	
Water damages occurred to the West Channel Fire Hall. The building has primarily been used for storage for the West Channel Heritage Society. Contents belonging to the Society are believed to have been damaged.			
Cleanup & Repair: Remove and replace water damaged construction materials and contents.			
Estimated Cost of Repairs: \$40,000		Estimated Repair Completion: Q3 2022	Repair Funding Source: Insurance

15. Affected Area- Corridor		TOHR Affected Asset(s): Paradise Valley Road	
Paradise Valley Road is the only access for local residents and was washed out to such an extent that a temporary road was constructed farther inland, away from the unstable and compromised bank.			



Cleanup & Repair: A temporary road was constructed by the GNWT, allowing safe access to residents, support personnel, and cleanup crews.

Estimated Cost of Repairs: \$1,200,000

Estimated Repair Completion: Q3 2022

Mitigation Recommendations: Construction of a permanent road through the center of the road easement.

Identified funding sources: GNWT

Mitigation Cost: \$2,500,000

Estimated Completion: TBD

Recreation Assets:

1. Bob McMeekin Park

June 23, 2022

Bob McMeekin is a signature greenspace at the entrance to town, on the banks of the Hay River. The park has some elevation changes and was only impacted by flooding and ice in lower lying areas that are closer to the river. The sliding hill, picnic area, boat launch and low mobility parking area are all situated in lower lying areas.

Initial cleanup has allowed THR staff and a local contractor to reopen most of the greenspace, with minimal safety hazards remaining. Debris and mud have been removed from the boat launch and low mobility parking areas. Gravel was also added and graded in those area to ensure safe accessibility.



Complete list of flood impact:

- 2'-3' feet of mud, driftwood and debris in parking area 2
- erosion of surface aggregate in parking area 2 and boat launch
- 2 picnic tables damaged by ice
- 2 firepits flooded and impacted by ice
- 6 park benches damaged and/or dislodged by ice
- Light pole knocked down
- Power line cut at light pole #2
- Debris, mud and driftwood on sliding hill



Initial Cleanup and Repairs:

A local contractor was hired to address erosion of the parking area and access roads. THR Recreation Maintenance staff will clear and remove remaining debris and silt from the sliding hill and lower lying areas when ground is dry enough to access with equipment. Park furnishings will also be removed as soon as possible.

The Town has secured funding via the Investing in Canada Infrastructure Program (ICIP) and the CANNOR Community Revitalization Fund for \$645,000 improvements to the greenspace. Town Management is postponing some components of the project to 2023 in order to reassess and explore mitigation measures that could protect against future flooding.

Estimated cost of repairs: \$44,000	Estimate Type: Class C
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<p>Repair funding sources:</p> <ul style="list-style-type: none"> • THR own force labour and equipment • Trans Canada Trail Infrastructure and Major Repairs Funding • United Way donations • Disaster Assistance Policy

Estimated Repair Time: park reopened but full repairs will not be completed until 2023

Additional Mitigation Measures to Explore: 400m berm

Estimated cost of Mitigation: \$746,200	Estimate Type: Class C
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Identified funding sources: tbd
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Estimated Repair Time: summer 2023

2. Glenn Smith Field

- 200' of outfield fencing detached and posts leaning
- grass and debris on outfield and left field fence (400' length x 4' vertical)
- parking area - little to no debris but erosion of surface aggregate
- infield standing water and significant erosion
- player benches - flooding, mud and debris (3' vertical water line)
- mud and debris in beer garden area
- equipment shed to be assessed further (not likely impacted)



Initial Cleanup and Repairs:

Sport field reopened and user groups making use of field. Cleanup and brushing of treeline will continue in June. Further work required to repair infield erosion and establish proper drainage – see additional mitigation measures below.

Estimated cost of repairs: \$10,000

Estimate Type: Class C

Repair funding sources:

- THR own force labour and equipment
- MACA Disaster Assistance Program
- United Way donations

Estimated Repair Time: near complete



Additional Mitigation Measures to Explore:

Infield drainage improvements:

- Expose clay subsurface
- Establish proper grade and drainage
- Lay weeping tile or geotextile
- Reestablish sub-surface and surface shale

Estimated cost of mitigation: \$100,000

Estimate Type: Class C

Mitigation funding sources: Disaster Assistance Policy

Estimated Repair Time: September 2022

3. Rotary Trail

- 4 lower lying sections heavily impacted and remain impassable or hazardous
- Approximately 1.3km of trail with 2'-4' feet of mud, driftwood and debris remaining
- Dangerous leaning trees and broken branches to remove
- Erosion of surface aggregate and trail sub-base in several sections
- TCT interpretive sign damaged and displaced by ice



Initial Cleanup and Repairs:

Ice has melted or been removed, and mud has dried up. Silt remains on most of the trail and will need to be removed with use of tractors, ATVs and Town labour. Three sections of the trail remain impassable due to the amount of debris deposited on the trail. Heavy equipment and experienced tree fellers are required to clear those sections.

Gravel resurfacing will be required for several hundred meters of the trail that were washed out by rushing waters. Once initial cleanup is completed, all trail surfaces will be assessed further to determine how much resurfacing is required.

Estimated cost of repairs: \$161,000

Estimate Type: Class C

Identified funding sources:

- THR own force labour and equipment
- Trans Canada Trail
- United Way donations
- Disaster Assistance Policy

Estimated Repair Time: summer 2023



Additional Mitigation Measures:

- Raise grade of surface
- Improve drainage via additional ditching and repairs to existing
- Include erosion control measures such as weeping tile

Estimated cost of mitigation: \$625,464

Estimate Type: Class C



Identified funding sources: tbd

Estimated Repair Time: tbd

4. Irma Miron Trail



Trail was completely submerged while ravine was flooded.

Trail remains closed due to heavy deposit of silt and environmental waste during closure of lift station 1.

Trail expected to remain closed until further repairs are performed on lift station 1.

Full assessment of trail required prior to assessing cleanup measures and cost.

Estimated Cost: \$10,000

Funding sources: Disaster Assistance Policy
Trans Canada Trail

Estimated Repair Time: tbd



5. KFN Ice Crossing Day Use Area



Park bench and picnic table damaged and displaced by flooding and icebergs.

Replacement required at estimated cost :

- Table (\$2,000)
- Bench (\$1,500)
- Install (\$1,500)

Completion of work dependent on Riverview road project and removal of fill at ice crossing.

Estimated cost of repairs: \$5,000

Estimate Type: Class B

Identified funding sources:

- Trans Canada Trail
- United Way donations

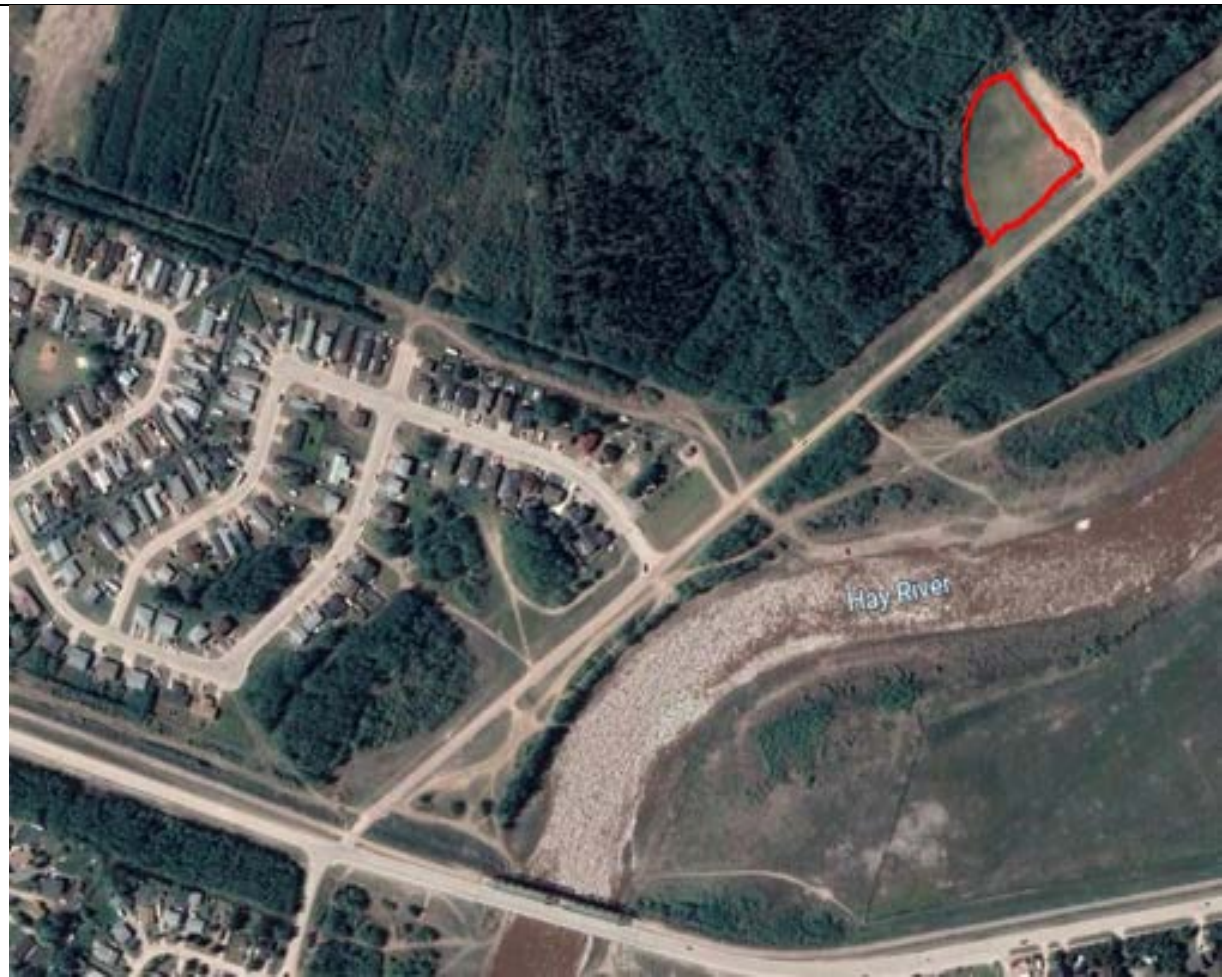
Estimated Repair Time: Summer 2023

6. Don Wright Ball Diamond

Don Wright Ball Diamond is located west of Cranberry Crescent and Saskatoon Drive on the water treatment plant road which runs parallel to the West Channel of the Hay River.

The outfield and infield of DW ball diamond remain completely submerged (photos below) by waters that flooded the area when water and ice flows breached the banks of the river’s West Channel and flooded areas surrounding Cranberry Crescent and Saskatoon Drive.

Drainage is poor beyond the outfield fence as the field surface is at the same elevation as drainage ditch behind, and lower than ground level of the forested area beyond that.



Estimated cost of repairs: \$100,000

Estimate Type: Class B

Identified funding sources:

- Disaster Assistance Policy

Estimated Repair Time: Summer 2023

Proposed Mitigation Measures:

- Raise grade of playing surface
- Improve drainage via additional ditching and repairs to existing
- Include erosion control measures such as weeping tile

Estimated cost of mitigation: \$525,000	Estimate Type: Class C
Identified funding sources: Disaster Assistance Policy	
Estimated Mitigation Time: Summer 2023	



June 23, 2022

7. Old Town Connector Trail

The Old Town Connector Trail runs from the Vale Island bridge to Porritt Landing Marina. The trail is separated into 3 sections which skirt the cemetery, Merlyn Carter Airport and CN yard.

Four sections of the trail were heavily impacted by water and ice during peak flooding. Silt, driftwood, ice, and debris were deposited onto approximately 1.5km of trail.



Trees and trail furnishings were uprooted, displaced, and damaged. Four benches, two picnic tables and two bearproof garbage bin were damaged and will need replacement. Tree removal is underway and will require weeks to complete.





Initial Cleanup and Repairs:

Ice has melted or been removed, and mud has dried up. Silt remains on most of the trail and will need to be removed with use of street sweepers and high-pressure watering. Three sections of the trail remain impassable due to the amount of debris deposited on the trail. Heavy equipment and experienced tree fellers are required to clear those sections.

Asphalt resurfacing will be required for several hundred meters of the trail that were impacted by heavy equipment used to repair road and rail washouts. Once initial cleanup is completed, paved surfaces will be assessed further to determine how much resurfacing is required.

Estimated cost of repairs: \$205,000

Estimate Type: Class C

Identified funding sources:

- MACA Disaster Assistance Policy
- Trans Canada Trail
- United Way donations
- Charge Back related to previous road and rail repairs

Estimated Repair Time: Completion by October 2022

8. Porritt Landing Marina

High water and icebergs submerged most of Porritt Landing Marina infrastructure during peak flood periods. Silt, driftwood, ice, and debris were deposited onto the boat launch and parking area, as well as the access roads.

There was also significant erosion of surface aggregate in the parking area and along the marina’s retaining walls. Retaining walls appear to be unaffected structurally, though further assessment will be performed as water levels continue to drop.

Park furnishings were not damaged but there was surface damage to wood finger dock sections and plastic modular docking.



Initial Cleanup and Repairs:

THR Recreation Maintenance staff have cleared and removed the majority of debris and silt from the boat launch, parking area and access roads. A local contractor was hired to address erosion of the parking area and access roads.

Park furnishings and docking were relocated and installed as per seasonal start up routines. Repairs required to finger dock surfaces and structure will likely be performed by THR staff.

Estimated cost of repairs: \$20,000

Estimate Type: Class C

Identified funding sources:

- THR labour, equipment, and O&M budgets
- Disaster Assistance Program

Estimated Repair Time: Completion by August 2022



9. Fishermen's Wharf Pavilion

June 23, 2022

The Fishermen’s Wharf Pavilion was submerged in rushing waters during 2022 flooding. The parking area and building were heavily impacted by water and ice which breached the sheet pile retaining walls.



The Pavilion main building received flood waters for several hours, which deposited approximately 2” of silt throughout. The main building was assessed by the Town’s insurance adjusters and it has been thoroughly cleaned via an abatement process. Wall panels and drywall and floor tiles have been removed in all booths. All remaining materials were not impacted and the building is drying until contractors return on June 13th to begin repairs.

Significant flooding impact was observed in the main building booths, as well as the detached secondary building, due to water eddying in and around corners. See image below.

Estimated cost of repairs: \$200,000

Estimate Type: Class C

Identified funding sources: THR Insurance Policy

Estimated Repair Time: completion by June 25th, 2022

June 23, 2022



The parking area was eroded considerably, FWP parking barricades were pushed over and displaced. Three sea cans, flower planters and other furnishings were also displaced during the peak of flooding. Silt was also deposited in 2'-3' high mounds at the northeast corner of the parking lot.



10. West Channel Playground

West Channel playground is a small greenspace with small playground furnishing on a fenced in lot which is leased by THR from a private property owner. The greenspace is located across the highway from West Point First Nation but is managed and maintained by the Town's Department of Recreation and Community Services.

The park was severely impacted by high water levels, rushing waters and large chunks of ice. The fencing was broken, pushed over and damaged by water and ice around most of the perimeter. The parks soil and playground fall zone remain saturated with water and littered with debris all of sorts and sizes.



Proposed Cleanup and Repair:

Proposed cleanup and recovery for the greenspace include removal of demolition of current fence, removal of current playground equipment, removal of debris with heavy equipment, raising the grade of the park, addition of berms for erosion control and flooding prevention, replacement of fencing and playground equipment.

Estimated cost of repairs: \$105,000

Estimate Type: Class B

Identified funding sources: Disaster Assistance Policy

Estimated Repair Time: tbd

11. Vale Island Recreational Area

Vale Island Recreational Area (Old Town Playground) saw minimal flooding in 2022 but it has seen flooding in previous years and remains a high-risk location.

The Town has secured funding via the Investing in Canada Infrastructure Program (ICIP) for \$300,000 improvements to the greenspace. Town Management is postponing the project to 2023 in order to reassess and explore mitigation measures that could protect against future flooding.



Additional Mitigation Measures to Explore:

Haul and place fill to east and south edges of greenspace to act as landscaped berms that would prevent erosion and flooding. The landscaped berms would also serve as amphitheater seating for gatherings and viewing of performances at the greenspace.

Estimated cost of repairs: \$40,000

Estimate Type: Class B

Identified funding sources:

- ICIP funding
- United Way donations

Estimated Repair Time: 2023

12. Hoffman Way

The road shoulder and ravine slope have eroded significantly in places as result of improper drainage ditches and culverts. The proposed access road repairs would include chip seal repair, road surface refurbishment, drainage improvements, and other general access road construction work.





Initial Cleanup and Repairs:

A drainage survey will be used for repairs and improve gradation, ditch shaping, culvert quantity and culvert sizing. Following the drainage improvements, road repairs will include:

- Remove of current chip seal surface
- Repair road base where impacted significantly by drainage issues and seepage
- Resurface road with ¾" crushed gravel
- Regular road maintenance, including watering/calcium application via O&M budgets

Estimated cost of repairs: \$320,000

Estimate Type: Class A

June 23, 2022

Identified funding sources: GNWT Summer Community Accessibility Program; Disaster Assistance Policy

Estimated Repair Time: RFP issued with proposed completion by October 31st 2022



Additional Mitigation Measures to Explore:
 Realignment away from the riverbank is being explored as a possible long-term solution. Realignment would use the current highway access point but redirect Hoffman Way behind the current campground and golf course driving range. Scope of work includes tree clearing, removal of organics, ditching, establishment of proper road base with asphalt surface.

Estimated cost of mitigation: \$3,275,000	Estimate Type: Class B
--	-------------------------------

Identified funding sources: MACA Disaster Assistance Program

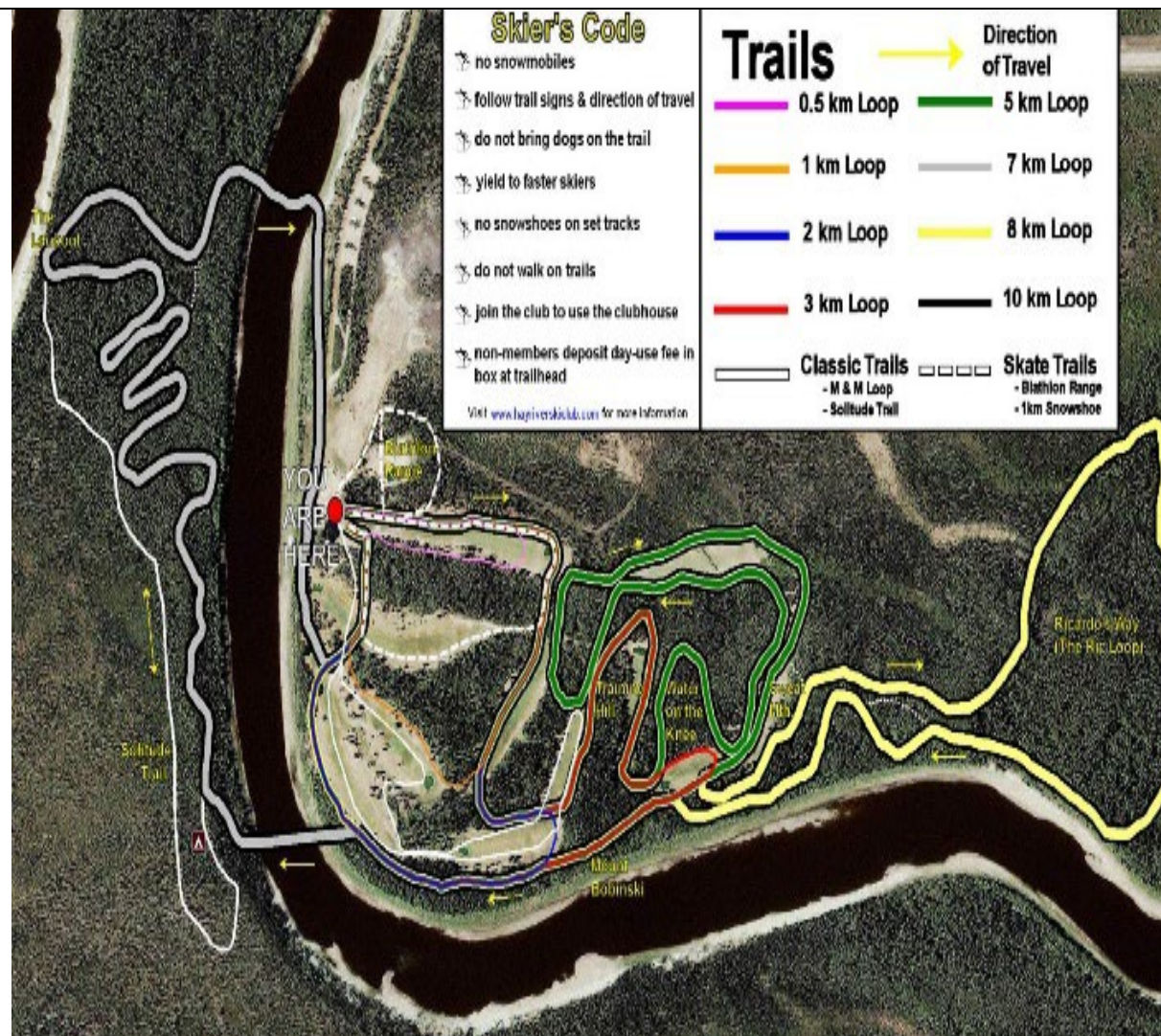
Estimated Repair Time: tbd

June 23, 2022

13. Ski Club and Trails

Sections of trails bordering the river are completely blocked by fallen trees & debris. Proper equipment and training are required for removal of trees because some are hung up or have broken limbs above head. Heavy equipment with large grapplers will be required to lift timber away first to partly clear the trails.

There may also be damage to some of the poles supporting trail lights. Further assessment is required, which should also allow trails to dry out enough for heavy equipment to access.



There was a washout of maintenance road that angles down to provide river access for the ski and golf clubs. The Golf Club used that road in the past to access the river to pump water up to fill the pond b/w 6 & 7, as well as provide water to the sprinkler system on the lower holes whenever the upper irrigation was not functioning.

Riverbanks have eroded significantly across the river, which has blocked access to the continuation of the Brendan Green Trail. Other trail sections that have similar low spots have been impacted similarly by erosion and trees being knocked down.



Initial Cleanup and Repairs:

Removal of obstructions and hazards to reopen trails and ensure safety, accessibility, and usability of trails. The work will be completed by contractors with some support from Ski Club volunteers. Contractors would perform a one-time mechanical brushing and mulching to eliminate any potential hazards to users, and their equipment, opening trail width to 12 feet wherever possible. Volunteers would help with prep of trails, cleanup, and installation of appropriate signage, including trail markers once work is complete (as per picture above).

Estimated cost of repairs: \$50,000

Estimate Type: Class B

Identified funding sources: GNWT Summer Community Accessibility Program; Disaster Assistance Policy

Estimated Repair Time: Completion by November 2022



Preliminary Flood Damage Assessments with Repair and Mitigation Estimates

June 23, 2022

2022 Town of Hay River Flood Damage Assessment With Funding

22-Jun-22

Department	Asset	Activity	Primary Fund	Amount	Priority
Recreation	Hoffman Way - Golf Course	Mitigation	DAP	\$320,000	B
Recreation	Hoffman Way - Golf Course	Repair	CAP	\$3,275,000	C
Recreation	Ski Club Trails	Repair	CAP	\$50,000	B
Recreation	Bob McMeekin Park	Repair	DAP	\$44,000	A
Recreation	Bob McMeekin Park	Mitigation	DAP	\$746,200	C
Recreation	Glenn Smith Field	Repair	DAP	\$10,000	A
				\$	
Recreation	Glenn Smith Field	Mitigation	DAP	100,000	B
Recreation	Rotary Trail	Repair	DAP	\$161,000	A
Recreation	Rotary Trail	Mitigation	DAP	\$625,000	C
Recreation	Irma Miron Trail	Repair	DAP	\$10,000	A
Recreation	KFN Ice Crossing Day Use Area	Repair	DAP	\$5,000	B
Recreation	Don Wright Ball Diamond	Repair	DAP	\$100,000	C
Recreation	Don Wright Ball Diamond	Mitigation	DAP	\$525,000	C
Recreation	Vale Island Playground	Repair	DAP	\$40,000	B
Recreation	Vale Island Playground	Mitigation	DAP	\$220,000	C
Recreation	Old Town Connector Trail	Repair	DAP	\$205,000	A
Recreation	Porritt Landing Marina	Repair	DAP	\$20,000	A
Recreation	Fisherman's Wharf Pavilion	Repair	Insurance	\$200,000	A
Recreation	West Channel Playground	Repair	DAP	\$105,000	A
PWS	Downtown Berm	Mitigation	DAP	\$1,800,000	C
PWS	Industrial Area Roads	Repair	DAP	\$130,000	A
PWS	Industrial Area Roads	Mitigation	DAP	\$30,000	C
PWS	Water Treatment Plant Road	Mitigation	DAP	\$600,000	C
PWS	Vale Island / West Channel Roads	Repair	DAP	\$75,000	A
PWS	Vale Island / West Channel Roads	Mitigation	DAP	\$80,000	B
PWS	Riverview Drive	Repair	DAP	\$200,000	A
PWS	Riverview Drive	Mitigation	DAP	\$200,000	A
PWS	Lift Station 1	Assessment	Insurance	\$20,000	A
PWS	Lift Station 1	Repair	Insurance	\$1,600,000	A
PWS	Lift Station 1	Repair	DAP	\$2,500,000	A
PWS	Lift Station 1	Mitigation	Mitigation	\$1,200,000	C
PWS	Lift Station - Beaver Cres	Repair	Insurance	\$25,000	A
PWS	West Channel Berm - Alaska Road	Repair	DMAF	\$1,300,000	C
PWS	West Channel Berm - Other	Repair	DAP	\$100,000	A
PWS	West Channel Berm - Other	Mitigation	DAP	\$100,000	B
PWS	Paradise Road - Temporary	Repair	GNWT	\$750,000	A
PWS	Paradise Road - Temporary	Repair	DAP	\$100,000	A



Preliminary Flood Damage Assessments with Repair and Mitigation Estimates

June 23, 2022

PWS	Paradise Road - Permanent	Mitigation	DAP	\$2,500,000	C
PWS	Fraser Place	Mitigation	DAP	\$110,000	A
PWS	Landfill	Repair	DAP	\$250,000	C
PWS	Landfill Waste Processing	Repair	GNWT	\$60,000	A
PWS	Old Town Firehall	Repair	Insurance	\$40,000	A
PWS	Miron Storm Outlets	Repair	DAP	\$650,000	B
PWS	Miron Storm Outlets	Mitigation	DAP	\$100,000	B
PWS	99 Woodland Drive House	Repair	Insurance	\$30,000	A
PWS	Dewatering Ravine Lift Station 1	Repair	DAP	\$100,000	A
PWS	Road Silt Removal	Repair	DAP	\$3,000	A
PWS	Storm System Silt Removal	Repair	GNWT	\$20,000	A
PWS	Water Treatment Plant Intake Line	Assessment	DAP	\$300,000	C
PWS	Water Treatment Plant Intake Line	Repair	DAP	\$10,000,000	C
PWS	Water Treatment Plant	Mitigation	DMAF	\$20,000,000	C
PWS	Water Treamt Plant Operation	Repair	DAP	\$80,000	A
PWS	Manholes and Catch Basins	Repair	DAP	\$35,000	B
PWS	Crosswalk Signs - Airport crossing	Repair	Insurance	\$10,000	B
Admin	Town Hall Contents	Replace	Insurance	\$5,000	A
PS	Water Monitoring Equipment	Replace	DAP	\$50,000	B
Total				\$51,914,200	



REPORT TO COUNCIL

COMMITTEE: FINANCE COMMITTEE **DATE:** June 23, 2022

SUBJECT: 2021 AUDITED FINANCIAL STATEMENTS

RECOMMENDATION:

THAT THE COUNCIL OF THE TOWN OF HAY RIVER approves the 2021 Audited Financial Statements as recommended by the Finance Committee.

BACKGROUND:

In accordance with the *Cities, Towns and Villages Act* and our funding sources from other levels of government and our financial services provider the Town is required to have an annual audit of the financial statements.

On May 31, 2022, Sam Mugford, CPA, CA (Director of Finance) presented draft financial statements to the Finance Committee. At that meeting the Finance Committee recommended that the 2021 Audited Financial Statements be brought forward to Council for approval. Furthermore, the Finance Committee supported the allocation of operational surplus to reserves. Reserves allocated will be vital in supporting the Town's future capital expenditures for municipal and utility infrastructure.

COUNCIL POLICY / STRATEGY OR GOAL:

Fiscal responsibility and transparency

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

Cities, Towns and Villages Act

FINANCIAL IMPLICATIONS:

Audited Financial Statements are approved by Council

ALTERNATIVES TO RECOMMENDATIONS:

N/A



REPORT TO COUNCIL

COMMITTEE: FINANCE COMMITTEE **DATE:** June 23, 2022
SUBJECT: 2021 AUDITED FINANCIAL STATEMENTS

ATTACHMENTS:

Draft 2021 Audited Financial Statements

Prepared by:
Sam Mugford, CPA, CA
Director of Finance
June 23, 2022

Reviewed by:
Glenn Smith
Senior Administrative Officer
June 23, 2022

Financial Statements of

TOWN OF HAY RIVER

December 31, 2021

Approved on Behalf of the Council:

Mayor

Senior Administrative Officer



Town of Hay River Management Discussion & Analysis (MD & A) for the year ended December 31, 2021

Purpose

The purpose of the MD&A is to provide Management's summary of how the municipality has performed over the past year- its financial conditions and its future objectives. This MD&A should be read in conjunction with the Audited Financial Statements as of December 31, 2021.

The Year in Review

During 2021, the continuing impact of the COVID-19 pandemic resulted in several changes to the Town's operational plan. Employee turnover in several key positions created a challenge for Administration to hire and support replacements. These positions include the Town Foreman, Director of Public Works, Protective Service Specialist, and Human Resources Manager.

To support the Town's future capital needs, Council approved increases the annual targeted transfer to capital from \$1M in 2020 to \$1.5M in 2021. The Town's financial position continues its trend of strengthening from 2020. Significant progress was made during the year in executing on the Town's ten-year capital plan. Highlights of the 2021 capital program include:

- Upgrades to the Town's water and road infrastructure, specifically Caribou Crescent, Beaver Crescent, and Riverview Drive.
- Significant progress on completion of Lift Station #4.
- Completion of Fraser Place design
- Purchase of New Ambulance
- Purchase of Sewer Flusher and Trailer
- Replacement of Fire Hall Communications Tower.
- Pool pump replacement, aquatic LED light replacement, and new fitness equipment.

Results from Operations

In the 2021 fiscal year, the community recorded an operating deficit of \$480,261 before net government transfers. Including the net government transfers for capital the community recorded a surplus at the end of 2021 of \$9,693,094

Revenues excluding capital transfers increased from 2020 by \$345,375 due to higher property taxes, slightly higher government operating transfers, and increased utility revenue.

Expenses increased significantly from 2020. COVID-19 resulted in decreases to operating expenses which normalized in 2021, primarily impacting recreation and public works.

Revenue recognized from capital contributions increased by \$6,156,475. This was due in large part to significant progress being made on the Riverview, Caribou and Beaver utility and roadwork projects, and the progress made on Lift Station #4. Both projects are ICIP eligible projects and have significant Gas Tax and CPI funding components as well.

Financial Position

Financial assets increased by \$4,155,295 driven mostly by increases in accounts receivable. The Town had significant capital funding receivables at year end from submitted claims which were subsequently received. Liabilities also increased by \$1,139,204 attributable to an increase in holdbacks payable relating to the ongoing capital additions work and an increase in deferred contributions. Overall, the Town's financial position continues to strengthen, allowing for a transfer to reserves of \$2.9M, an increase of \$1.4M from budget.

Looking Forward

The Town has ambitious capital goals over the next few years relating to the approved ICIP projects, which will require continued growth to reserves to fund the Town's portion. In 2022 the Town has budgeted projects including Capital Drive underground and road work, Industrial Drive underground work, completion of Riverview Drive and Beaver Crescent road resurfacing, and the first stage of the Fraser Place land development. Preparation will continue projects identified through the 10-year capital plan, including a new Water Treatment Plant, new Landfill and new Townhall.

SS

TOWN OF HAY RIVER

Financial Statements

Year Ended December 31, 2021

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MANAGEMENT RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

The Town Council which is responsible for, among other things, the financial statements of the Town of Hay River, delegates to Administration the responsibility of the financial statements. The Town Council appoints independent auditors to examine and report directly to them on the financial statements. The financial statements were prepared by Administration. Accounting principles have been followed as recommended by the Department of Municipal and Community Affairs, based upon the requirements of the Cities, Towns and Villages Act of the Northwest Territories, and the Public Sector Accounting Board recommendations of the Canadian Institute of Chartered Professional Accountants.

Administration maintains a system of internal controls to ensure that transactions are accurately recorded on a timely basis, are properly approved and result in reliable financial statements. There are limits inherent in all systems based on the recognition that the cost of such systems should not exceed the benefits to be derived. Administration believes its system provides the appropriate balance in this respect.

The Town Council carries out its responsibility for review of the financial statements primarily through the Administration. The Administration reports regularly to Council on financial matters, including the results of the audit examination and any other matters necessary for its consideration in approving the financial statement issuance.

The financial statements have been reported on by Ashton Chartered Professional Accountants. The auditor's report outlines the scope of their audit and their opinion on the presentation of the information included in the financial statements.

Senior Administrative Officer
Town of Hay River

Hay River, NT
June 24, 2022

INDEPENDENT AUDITOR'S REPORT

To the Mayor and Council

Opinion

We have audited the financial statements of the Town of Hay River ("the Town"), which comprise the statement of financial position as at December 31, 2021, and the statements of changes in accumulated surplus, operations, changes in net financial assets and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Town as at December 31, 2021, and the results of its operations and its cash flows for the year then ended in accordance with Canadian public sector accounting standards.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Town in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with those requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Town's ability to continue as a going concern, disclosing, as applicable, matters relating to going concern and using the going concern basis of accounting unless management either intends to liquidate the Town or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Town's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements. As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

Independent Auditor's Report to the Members of the Town of Hay River (continued)

- Obtain an understanding of internal controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Town's internal controls.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Town's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Town to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

The logo for Ashton, featuring the word "Ashton" in a stylized, handwritten-style font.

ASHTON
Chartered Professional Accountants
Business Advisors

Hay River, NT
June 24, 2022

TOWN OF HAY RIVER

Statement of Financial Position

Statement I

December 31, 2021

	2021	2020
Financial Assets		
Cash, Note 2	\$ 13,413,911	\$ 13,332,885
Receivables		
Municipal taxes receivable, Note 3	770,812	753,875
Accounts receivable, Note 4	6,917,618	3,331,544
Land inventory for resale	689,663	218,405
Total Financial Assets	21,792,004	17,636,709
Liabilities		
Accounts payable and accrued liabilities, Note 6	2,561,548	1,550,820
School taxes payable, Note 7	404,492	1,033,968
Deferred contributions, Note 8	5,006,054	3,640,953
Deposits held	171,300	144,545
Landfill closure liability, Note 9	1,688,091	1,599,173
Long-term debt, Note 10	12,886,671	13,609,493
Total Liabilities	22,718,156	21,578,952
Net Financial Assets (Debt)	\$ (926,152)	\$ (3,942,243)
Non-Financial Assets		
Prepaid expenses	\$ 57,636	\$ 63,433
Inventory held for use	35,141	41,675
Tangible capital assets, Note 11		
General fund	59,388,167	52,988,838
Utility fund	25,735,748	25,445,743
Total Non-Financial Assets	\$ 85,216,692	\$ 78,539,689
Accumulated Surplus, Note 12	\$ 84,290,540	\$ 74,597,446

*Commitments and contingencies, Notes 14 and 15**Subsequent events, Note 20*

TOWN OF HAY RIVER

Statement II

Statement of Operations and Surplus

For the year ended December 31, 2021

	Schedule	Budget (unaudited)	2021	2020
Revenue				
Property taxes	4	\$ 6,511,313	\$ 6,575,263	\$ 6,465,209
Sales of services	4	820,700	1,204,661	1,273,905
Other revenue from own sources	4	698,250	837,327	735,354
Government transfers for operating	5	2,504,400	3,026,341	2,901,281
Government transfers for water and sewer	2	1,045,000	1,089,000	1,045,000
Water and sewer revenues	2	2,015,000	1,829,738	1,753,499
Land sales, lease and development	3	1,750,000	444,855	487,562
Total Revenue		15,344,663	15,007,185	14,661,810
Expenses				
General government	6	2,343,268	1,921,898	2,138,321
Protective services	7	1,026,965	1,037,357	882,520
Transportation and public works	8	3,408,201	3,004,132	2,750,910
Environmental and public health services	9	486,062	532,929	522,987
Planning and development	10	557,498	484,936	438,958
Recreational and cultural	11	3,965,024	4,283,033	3,638,041
Fiscal and valuation	12	501,500	765,372	631,191
Water and sewer expenses	2	3,230,955	3,403,186	3,211,506
Land development	3	1,583,000	54,603	254,363
Total Expenditures		17,102,473	15,487,446	14,468,797
Annual surplus (deficit), before the undernoted		(1,757,810)	(480,261)	193,013
Other revenue (expenditure)				
Net government transfers for capital	5	-	10,178,355	4,018,880
Gain (loss) on disposal of capital assets		-	(5,000)	(5,000)
		-	10,173,355	4,013,880
Annual Surplus (Deficit)		\$ (1,757,810)	\$ 9,693,094	\$ 4,206,893
Accumulated surplus, beginning of year		74,597,446	74,597,446	70,390,553
Accumulated surplus, end of year		\$ 72,839,636	\$ 84,290,540	\$ 74,597,446

TOWN OF HAY RIVER

Statement of Changes in Net Financial Assets (Debt)

Statement III

For the year ended December 31, 2021

	Budget (unaudited)	2021	2020
Annual Surplus (Deficit)	\$ (1,757,810)	\$ 9,693,094	\$ 4,206,893
Amortization expense	-	3,405,528	3,201,969
Acquisition of tangible capital assets	-	(10,868,952)	(3,762,892)
(Gain) loss on disposal of capital assets	-	774,090	98,529
Change in prepaid expenses	-	5,797	16,339
Change in inventory held for use	-	6,534	40,813
Increase (decrease) in net financial assets	(1,757,810)	3,016,091	3,801,651
Net financial assets (debt), beginning of year	(3,942,243)	(3,942,243)	(7,743,894)
Net financial assets (debt), end of year	\$ (5,700,053)	\$ (926,152)	\$ (3,942,243)

TOWN OF HAY RIVER

Statement IV

Statement of Cash Flows

For the year ended December 31, 2021

	2021	2020
Operating Activities		
Annual Surplus (Deficit)	\$ 9,693,094	\$ 4,206,893
Non-cash charges to operations:		
Amortization expense	3,405,528	3,201,969
(Gain) loss on disposal of capital assets	774,090	98,529
Provision for landfill closure	88,918	79,862
	13,961,630	7,587,253
Change in non-cash working capital balances:		
Municipal taxes receivable	(16,937)	765,767
Accounts receivable	(3,586,074)	(459,750)
Land inventory for resale	(471,258)	178,407
Accounts payable and accrued liabilities	1,010,728	(960,126)
School taxes payable	(629,476)	(198,434)
Deferred contributions	1,365,101	814,394
Deposits held	26,755	(25,694)
Prepaid expenses	5,797	16,339
Inventory held for use	6,534	47,475
Net change in cash from operations	11,672,800	7,765,631
Financing Activities		
Principal repayment of long-term debt	(722,822)	(702,880)
Net change in cash from financing activities	(722,822)	(702,880)
Capital Activities		
Purchase of tangible capital assets	(10,868,952)	(3,762,892)
Net change in cash from investing activities	(10,868,952)	(3,762,892)
Increase (decrease) in cash during the year	81,026	3,299,859
Bank accounts, opening	13,332,885	10,033,026
Bank accounts, closing	\$ 13,413,911	\$ 13,332,885

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 1. **Significant Accounting Policies**

The financial statements of the Town of Hay River are the representations of management prepared in accordance with generally accepted accounting principles for local governments established by the Public Sector Accounting Board of the Chartered Professional Accountants of Canada. Significant aspects of the accounting policies adopted by the Town of Hay River are as follows:

Reporting Entity

The financial statements reflect the assets, liabilities, revenues and expenditures, changes in fund balance and change in financial position of the reporting entity.

The Town of Hay River receives significant funding from the Government of the Northwest Territories in the form of operating grants and capital grants. Administration is of the opinion that discontinuance of funding would significantly disrupt operations.

Fund Accounting

The accounts of the Town are maintained in accordance with fund accounting procedures. The various operations of the Town are segregated into the following funds:

- General Operating Fund
- Utility Operating Fund
- Land Development Fund

Basis of Accounting

The financial statements are prepared using the accrual basis of accounting. The accrual basis of accounting records revenue as it is earned and measurable. Expenses are recognized as they are incurred and measurable based upon receipt of goods or services and/or the legal obligation to pay.

Funds from external parties and earnings thereon restricted by agreement or legislation are accounted for as deferred revenue until used for the purpose specified.

Government Transfers

Government transfers are the transfer of monetary assets or tangible capital assets from a government for which the government making the transfer does not:

- receive any goods or services directly in return;
- expect to be repaid in future; or
- expect a direct financial return

Operating transfers are recognized as revenue in the period in which the events giving rise to the transaction occur, providing the transfers are authorized, any eligibility criteria have been met, and reasonable estimates of the amounts can be determined.

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 1. **Significant Accounting Policies (continued)**

Government Transfers (continued)

Capital transfers or transfers of tangible capital assets are initially recognized as deferred capital contributions and subsequently recognized as revenue when the related tangible capital assets are purchased, constructed or the eligible expense is incurred.

Financial Instruments

Cash and receivables, and current liabilities are recorded at approximate fair market value due to their short term maturities.

Inventory for Resale

Land inventory is stated at the lower of cost or net realizable value where cost is determined on an average basis. Cost includes purchase price, survey costs and all development costs but excludes debenture interest. Related development costs incurred to provide infrastructure such as water and waste water services, roads, sidewalks and street lighting are recorded as tangible capital assets under the respective function.

Non-Financial Assets

Non-financial assets are not available to discharge existing liabilities and are held for use in the provision of services. They have useful lives extending beyond the current year and are not intended for sale in the normal course of operations. The change in non-financial assets during the year, together with the excess of revenues over expenses, provides the change in net financial assets (debt) for the year.

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 1. Significant Accounting Policies (continued)

Tangible Capital Assets

Tangible capital assets are recorded at the net book value (cost less accumulated amortization) on the statement of financial position. Cost includes all amounts directly attributable to acquisition, construction, development or betterment of the asset. The assets are amortized over their estimated useful lives at the following rates:

Asset	Method	Rate
Land held for town use	Not amortized	
Works of Art	Not amortized	
Buildings	Straight line	15-50 years
Linear Infrastructure	Straight line	10-75 years
Computer Equipment	Straight line	3 years
IT Infrastructure	Straight line	5 years
Furniture and Fixtures	Straight line	10 years
Operating Equipment	Straight line	10 years
Mobile Equipment	Declining balance	24%

The full amount of the annual amortization is charged in the year of acquisition and none in the year of disposal. Assets under construction are not amortized until the asset is available for productive use.

Donated assets are capitalized and recorded at their estimated fair market value upon acquisition. Certain capital assets for which the historical cost information is not available have been recorded at current fair market value discounted by a relevant inflation factor.

Work-in-Progress

Work-in-progress represents expenditures incurred on projects not complete at the end of the year.

Leases

Leases are classified as capital or operating leases. Leases which transfer substantially all of the benefits and risks incidental to ownership of property are accounted for as capital leases. All other leases are accounted for as operating leases and the related lease payments are charged to expenses as incurred.

Investment in Tangible Capital Assets

Investment in Tangible Capital Assets represents the Town's net investment in its total capital assets, after deducting the portion financed by third parties through debenture, long-term capital borrowings and other capital liabilities.

School Taxes

School taxes are collected by the Town on behalf of the Government of the Northwest Territories. These taxes are payable to the Government of the Northwest Territories upon collection from taxpayers.

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 1. **Significant Accounting Policies (continued)**

Deferred Revenue

Deferred revenue consists mainly of government transfers for which the events giving rise to the transfer have not yet occurred. The deferred revenue will be recognized in the financial statement as revenue in the period in which the related expenses are incurred.

Liability for Landfill Closure and Post-Closure Costs

The Town is required to fund the closure of its landfill site and provide for post-closure care of the facility. Closure and post-closure activities include the final clay cover, landscaping, as well as surface and ground water monitoring, leachate control, and visual inspection. The liability is determined using the estimated total closure costs adjusted for the remaining capacity of the site and the estimated remaining landfill life.

Use of Estimates

The preparation of financial statements in conformity with Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenue and expenditure during the period. Where measurement uncertainty exists, the financial statements have been prepared within reasonable limits of materiality. Actual results could differ from those estimates.

Segmented Information

The Town of Hay River segments its operations for financial reporting purposes based upon areas of managerial responsibility. This information is provided in Schedule 6 through Schedule 12.

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 2. **Cash**

	2021	2020
<i>Unrestricted</i>		
Operating account	\$ 4,552,899	\$ 3,474,057
<i>Internally restricted</i>		
General fund reserve account	1,852,554	1,840,555
Utility fund reserve account	1,131,401	1,124,072
<i>Externally restricted</i>		
Gas tax account	1,877,449	4,206,160
Community Public Infrastructure account	3,999,608	2,688,041
	\$ 13,413,911	\$ 13,332,885

Note 3. **Municipal Taxes Receivable**

	2021	2020
Current taxes and grant in lieu receivable	\$ 324,937	\$ 351,391
Arrears taxes	569,317	544,605
	894,254	895,996
Allowance for doubtful collection	(123,442)	(142,121)
	\$ 770,812	\$ 753,875

Note 4. **Accounts Receivable**

	Balance	Allowance	2021	2020
<i>Accounts receivable</i>				
General accounts receivable	\$ 135,443	\$ 6,397	\$ 129,046	\$ 166,610
Utility system receivable	217,909	7,200	210,709	171,930
Ambulance receivable	233,424	156,631	76,793	48,529
Lease fees receivable	140,868	-	140,868	74,832
Northland Utilities trust account	816,582	-	816,582	654,478
<i>Capital funding</i>				
Community Public Infrastructure	-	-	-	323,000
Gas Tax	2,875,000	-	2,875,000	-
Investing in Canada Infra. Pgm.	2,184,455	-	2,184,455	1,591,953
<i>Goods and service tax</i>				
Goods and services tax refundable	484,165	-	484,165	300,212
	\$ 7,087,846	\$ 170,228	\$ 6,917,618	\$ 3,331,544

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 5. Supplementary Information

Amounts owed to the Town which are considered doubtful of collection have been recorded as bad debts. The provision for (recovery of) bad debts is comprised of:

	2021		2020
General Operating Fund:			
General sundry	\$ 10,933	\$	-
Utility system	847		-
Ambulance	71,243		46,700
Property taxes	(28,960)		25,123
	\$ 54,063	\$	71,823

Note 6. Accounts Payable and Accrued Liabilities

	2021		2020
Trade accounts payable	\$ 2,375,166	\$	1,301,128
Government remittances payable	1,936		45,112
Accrued vacation pay and banked time	184,446		204,580
	\$ 2,561,548	\$	1,550,820

Note 7. School Tax Payable

	2021		2020
Balance consists of:			
Current year levy	\$ 34,779	\$	425,125
Prior year's levy	369,713		608,843
	\$ 404,492	\$	1,033,968

School tax levies are recorded as payable in the year they are assessed and are to be remitted to the GNWT as they are collected.

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 8. Deferred Contributions

	2021	2020
Gas Tax Funding, Schedule 16	\$ 481,512	\$ 2,121,337
Community Public Infrastructure Funding, Schedule 17	1,652,171	1,478,691
ICIP	2,551,542	-
Ambulance Grant	37,000	-
Community trail improvements	48,654	40,925
Community Access - Porritt Landing	58,222	-
Federal Climate Change Adoption Fund	171,953	-
Other	5,000	-
	\$ 5,006,054	\$ 3,640,953

Note 9. Landfill Closure Liability

The Town is required to estimate future closure and post-closure costs for its landfill site. The estimated liability is based on the sum of discounted future cash flows for closure and post-closure activities for 25 years after closure using a discount rate of 5.56% and inflation of 2.06%.

The accrued liability portion is based on the capacity used at year end compared to the estimated total capacity. The remaining estimated life of the landfill is 2 years and of the total capacity approximately 1.00% remains.

	2021	2020
Estimated closure costs	\$ 683,108	\$ 637,686
Estimated post-closure costs	1,028,085	993,319
Estimated total liability	1,711,193	1,631,005
Estimated capacity used	98.6%	98.0%
Accrued liability	\$ 1,688,091	\$ 1,599,173

Note 10. Long-Term Debt

Description	Principal Balance 2021	Principal Balance 2020
Loan agreement facility for the Hay River Recreation Centre	12,886,671	13,609,493
	\$ 12,886,671	\$ 13,609,493

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 10. Long-Term Debt (continued)

As at December 31, 2021, the Town has a bankers' acceptance ["BA"] facility of \$12,886,671 for the Hay River Recreation Centre bearing interest at the treasury rate plus a BA fee of 1.34% per annum. To reduce the interest rate risk on the facility, the Town entered into an interest rate swap contract that entitled the Town to receive interest at floating rates on the principal amount and obliged it to pay interest at a fixed rate of 2.60% per annum plus the BA fee of 0.40%.

The total estimated principal repayments of long-term debt due are as follows:

	Principal
2021	\$ 753,894
2022	773,730
2023	794,088
2024	814,982
2025	836,428
Subsequent	8,913,549
	<u>\$ 12,886,671</u>

Note 11. Tangible Capital Assets

	Cost	Accumulated Amortization	Net Book Value	
			2021	2020
General Fund:				
Linear Structures	\$ 24,883,298	\$ 11,184,003	\$ 13,699,295	\$ 13,342,566
Buildings	44,524,473	10,243,481	34,280,992	35,261,474
Machinery and Equipment	7,905,959	7,040,767	865,192	1,443,164
Work in progress	8,337,772	-	8,337,772	282,302
Land held for town use	2,133,717	-	2,133,717	2,588,133
Works of Art	71,199	-	71,199	71,199
	<u>\$ 87,856,418</u>	<u>\$ 28,468,251</u>	<u>\$ 59,388,167</u>	<u>\$ 52,988,838</u>
Utility Fund:				
Water and Sewer System	\$ 24,991,316	\$ 5,872,560	\$ 19,118,756	\$ 18,132,531
Buildings	7,854,547	3,238,010	4,616,537	5,081,067
Land	1,000	-	1,000	1,000
Vehicles	288,962	288,962	-	45,584
Heavy Equipment	11,241	11,241	-	-
Furniture & Equipment	1,972,176	1,797,358	174,818	362,963
Work in progress	1,824,637	-	1,824,637	1,822,598
	<u>\$ 36,943,879</u>	<u>\$ 11,208,131</u>	<u>\$ 25,735,748</u>	<u>\$ 25,445,743</u>
Total	<u>\$ 124,800,297</u>	<u>\$ 39,676,382</u>	<u>\$ 85,123,915</u>	<u>\$ 78,434,581</u>

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 12. Accumulated Surplus

Accumulated surplus consists of restricted and unrestricted amounts and equity in tangible capital assets as follows:

	2021	2020
Accumulated Surplus per Statement of Financial Position	\$ 84,290,540	\$ 74,597,446
Invested in Tangible Capital Assets		
General Fund	46,501,497	39,379,347
Utility Fund	25,735,747	25,445,744
	72,237,244	64,825,091
Internally restricted reserves		
Reserve for Recreation Infrastructure	413,706	425,638
Reserve for Municipal Infrastructure	3,112,698	2,848,385
Reserve for Landfill	1,700,487	947,793
Reserve for Utility Infrastructure	2,318,033	1,310,705
	7,544,924	5,532,521
Unappropriated surplus (deficit)		
General Fund	(4,797,185)	(4,269,007)
Utility Fund	3,086,530	2,680,066
Land Development Fund	6,219,027	5,828,775
	4,508,372	4,239,834
	\$ 84,290,540	\$ 74,597,446

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 13. Reserves and Deferred Contributions

The Financial Administration By-law requires that funds accumulated in reserves are deposited into the General reserve bank account. Interest earned on the account is credited to the appropriate reserve.

	Account Balance	Cash Balance	Receivable	Excess (Shortfall)
Reserves				
Recreation Infrastructure	\$ 413,706	\$		
Municipal Infrastructure	3,112,698			
Landfill	1,700,487			
	5,226,891	1,852,554	-	(3,374,337)
Utility Infrastructure	2,318,033	1,131,401	-	(1,186,632)
	\$ 7,544,924	\$ 2,983,955	\$ -	\$ (4,560,969)
Deferred Contributions, Note 8				
Gas Tax Funding	481,512	1,877,449	2,875,000	4,270,937
Community Public Infrastructure	1,652,171	3,999,608	-	2,347,437
	2,133,683	5,877,057	2,875,000	6,618,374
	\$ 9,678,607	\$ 8,861,012	\$ 2,875,000	\$ 2,057,405

Note 14. Commitments

The Town has entered into agreements extending beyond one year for the use of equipment and various service contracts which require periodic payments. The minimum payments under existing agreements are as follows:

For the year ending December 31:

2022	\$ 3,650
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Note 15. Contingent Liabilities

Insurance

The Town participates in the Northern Communities Insurance Program. Under this program the Town could become liable for its proportionate share of any claim losses in excess of the funds held by the exchange. Any liability incurred would be accounted for as a current transaction in the year the losses are determined.

TOWN OF HAY RIVER

Notes to the Financial Statements

December 31, 2021

Note 15. **Contingent Liabilities (continued)**

Legal claims

In the normal course of operations, the Town is subject to various legal claims. At the date of the audit report, it is not possible to determine the outcomes of the claims and the amount of the potential liability cannot be reasonably determined. Management has indicated that it is unlikely there will be a material adverse effect on the financial position of the Town.

Note 16. **Retirement Benefits**

Employees of the Town can participate in the RBC Group Advantage retirement savings plan. Union employees make contributions at 5% and management makes contributions at 6.6%. The Town of Hay River makes matching contributions to these amounts. Total contributions by the Town to the program in 2021 were \$115,198 (2020 - \$102,706), which were expensed as incurred.

Note 17. **Financial Instruments**

The Town's financial instruments consist of cash, accounts receivable, accounts payable and accrued liabilities, and long-term debt. It is management's opinion that the Town is not exposed to significant interest or currency risks arising from these financial instruments.

The Town is subject to credit risk with respect to taxes and grants in place of taxes receivables and trade and other receivables. Credit risk arises from the possibility that taxpayers and entities to which the town provides services may experience financial difficulty and be unable to fulfill their obligations. The large number and diversity of taxpayers and customers minimizes the credit risk.

Unless otherwise noted, the carrying value of the financial instrument approximates fair value.

Note 18. **Budget**

The budgeted figures are those approved by Council on December 11, 2020 and are unaudited.

Note 19. **Reclassification**

Certain prior year figures have been reclassified to agree with current year presentation.

Note 20. **Subsequent events**

On May 12th, 2022, the Town of Hay river experienced a flood. The flood caused damage to linear structures and buildings. At the date of the audit report, the town is assessing the damages and the financial impact is not yet determinable. The amount of damages that can be recovered through insurance is unknown.

TOWN OF HAY RIVER

Schedule 1

General Fund
Schedule of Operations and Surplus

For the year ended December 31, 2021

	Schedule	2021 Budget	2021 Actual	2020 Actual
Revenue				
Property taxes	4	\$ 6,511,313	\$ 6,575,263	\$ 6,465,209
Sales of services	4	820,700	1,204,661	1,273,905
Other revenue from own sources	4	698,250	837,327	735,354
Government transfers for operating	5	2,504,400	3,026,341	2,901,281
Total Revenue		10,534,663	11,643,592	11,375,749
Expenditure				
General government	6	2,343,268	1,921,898	2,138,321
Protective services	7	1,026,965	1,037,357	882,520
Transportation and public works	8	3,408,201	3,004,132	2,750,910
Environmental and public health services	9	486,062	532,929	522,987
Planning and development	10	557,498	484,936	438,958
Recreational and cultural	11	3,965,024	4,283,033	3,638,041
Fiscal and valuation	12	501,500	765,372	631,191
Total Expenditure		12,288,518	12,029,657	11,002,928
Excess revenues over expenditures before the undernoted		(1,753,855)	(386,065)	372,821
Other revenue (expenditure)				
Government transfers for capital	5	-	10,178,355	4,018,880
Gain (loss) on disposal of capital assets		-	(5,000)	(5,000)
		-	10,173,355	4,013,880
Excess (Deficiency) of revenues over expenditures		\$ (1,753,855)	\$ 9,787,290	\$ 4,386,701

TOWN OF HAY RIVER

Schedule 2

Utility Fund
Schedule of Operations and Surplus

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Revenue			
Water and sewer billings	\$ 1,980,000	\$ 1,799,893	\$ 1,737,507
Government transfers for water and sewer operations	1,045,000	1,089,000	1,045,000
Interest on reserves	-	7,328	12,071
Utilities receivable penalties	20,000	14,302	658
Maintenance service	15,000	8,215	3,263
	<u>3,060,000</u>	<u>2,918,738</u>	<u>2,798,499</u>
Expenditure			
Administration	195,700	254,095	180,350
Purification & treatment	75,000	60,823	77,213
Transmission and distribution	1,587,000	1,569,039	1,524,882
Building maintenance	5,000	5,359	7,191
Mechanical maintenance	-	-	6,095
Distribution maintenance	370,000	325,505	340,429
Sewage system maintenance	70,000	140,125	147,091
Overhead charges (to) from General Fund	150,000	150,000	150,000
	<u>2,452,700</u>	<u>2,504,946</u>	<u>2,433,251</u>
Surplus, before the undernoted	<u>607,300</u>	<u>413,792</u>	<u>365,248</u>
Other items:			
Amortization of tangible capital assets	778,255	898,240	778,255
(Deficiency) of revenues over expenditures	<u>\$ (170,955)</u>	<u>\$ (484,448)</u>	<u>\$ (413,007)</u>

TOWN OF HAY RIVER

Schedule 3

Land Development Fund
Schedule of Operations and Surplus

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Revenue			
Land sales	\$ 1,400,000	\$ -	\$ 178,406
Land leases	350,000	430,976	290,508
Legal and transfer fees recovered	-	8,125	6,270
Interest and penalties	-	5,754	12,378
	<u>1,750,000</u>	<u>444,855</u>	<u>487,562</u>
Expenditures			
Administration	78,000	25	3,161
Overhead charge (to) from General Fund	40,000	40,000	40,000
Land leases	65,000	14,578	1,220
Cost of land sold	1,400,000	-	209,982
	<u>1,583,000</u>	<u>54,603</u>	<u>254,363</u>
Excess of revenues over expenditures	\$ 167,000	\$ 390,252	\$ 233,199

TOWN OF HAY RIVER

Schedule 4

General Fund
Schedule of Revenue

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Property taxes	\$ 4,866,084	\$ 4,825,565	\$ 4,817,977
Grants in lieu of taxes			
Federal	159,666	160,036	159,665
Territorial	2,142,380	2,241,757	2,142,380
NWT Power Corporation	43,183	43,570	43,183
Less school taxes			
Discounts allowed on school tax	(700,000)	(695,665)	(697,996)
	\$ 6,511,313	\$ 6,575,263	\$ 6,465,209
Sales of Services			
Recreation			
- Pool	\$ 90,000	\$ 67,701	\$ 68,864
- Community center	239,300	246,813	203,311
- Curling club rental	36,000	36,000	27,000
- Ballpark rental	13,000	5,748	2,649
- Other	9,000	218,410	86,448
Collection fee school taxes	5,100	5,000	5,000
Dump tipping fees	-	18,040	17,375
Ambulance	395,300	594,997	462,844
Fire hall rental	5,000	-	-
Tourism revenue	25,000	4,900	94,352
Other	3,000	7,052	306,062
	\$ 820,700	\$ 1,204,661	\$ 1,273,905
Other Revenue from Own Sources			
Franchise fee	\$ 340,000	\$ 324,209	\$ 319,307
Licenses and permits	145,250	93,280	97,287
Aurora Ford - recreation centre donation	-	100,000	100,000
Fines and dog pound fees	-	31,156	5,100
Interest and penalties	213,000	189,789	176,946
Loss prevention	-	98,893	36,714
	\$ 698,250	\$ 837,327	\$ 735,354

TOWN OF HAY RIVER

Schedule 5

General Fund
Schedule of Revenue

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Government Transfers			
General - GNWT			
Operating and Maintenance Block Funding	\$ 2,215,000	\$ 2,215,000	\$ 2,215,000
Sport and Recreation	39,400	-	50,857
Children Youth Resiliency	-	-	18,636
Ground Ambulance	37,000	37,000	37,000
SAO Development	-	-	55,765
Community Challenge Grant	-	1,000	-
Covid Safe Restart Funding	-	157,550	315,108
Community Tourism Coordinator	-	50,000	50,000
Covid Waste Water Sampling	-	5,000	-
Tourism Product Diversity	-	8,800	-
NWT Workers Training Program	-	-	48,456
Summer Employment	60,000	61,028	16,001
Small Communities Employment Support	-	62,053	-
Community Access Funding	-	153,624	-
Other Grants	93,000	35,000	80,000
General			
Other Non-GNWT Grants	60,000	84,766	14,458
Federal Climate Change Adoption Fund	-	221,090	-
CanNor - Tourism	-	164,604	-
	2,504,400	3,256,515	2,901,281
Transfers (to) from deferred revenues	-	(230,174)	-
	\$ 2,504,400	\$ 3,026,341	\$ 2,901,281
Utility - GNWT			
Water and Sewer Block Funding	\$ 1,045,000	\$ 1,089,000	\$ 1,045,000
Capital funding			
Community Public Infrastructure Funding	\$ 2,455,000	\$ 2,455,000	\$ 1,833,000
Gas Tax	2,875,000	2,875,000	1,397,000
Investing in Canada Infrastructure Program	6,226,685	6,226,685	1,503,441
	11,556,685	11,556,685	4,733,441
Interest earned on deferred contributions			
Community Public Infrastructure Funding	-	19,218	22,529
Gas Tax	-	18,378	39,867
	-	37,596	62,396
Transfers (to) from deferred contributions			
Community Public Infrastructure Funding	(2,455,000)	(504,180)	(731,579)
Gas Tax	(2,875,000)	1,639,796	(45,378)
Investing in Canada Infrastructure Program	(6,226,685)	(2,551,542)	-
	(11,556,685)	(1,415,926)	(776,957)
	\$ -	\$ 10,178,355	\$ 4,018,880

TOWN OF HAY RIVER

Schedule 6

General Fund Schedule of Expenditure

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
General Government			
Mayor's indemnity	\$ 58,507	\$ 44,466	\$ 54,083
Councillors' indemnity	93,545	77,051	92,089
Administration - salaries and benefits	1,385,500	1,093,953	1,140,662
Administration - other	368,000	306,639	346,167
Materials and supplies	8,000	2,103	23,652
Professional services	130,000	97,237	197,170
Insurance	225,000	232,129	230,593
Town hall lease	160,000	151,115	155,776
Town hall operations and maintenance	8,000	2,980	6,413
Conventions, delegations and public relations	15,000	17,175	-
Overhead charge to Utility Fund	(150,000)	(150,000)	(150,000)
Overhead charge to Land Fund	(40,000)	(40,000)	(40,000)
	2,261,552	1,834,848	2,056,605
Other items:			
Amortization of tangible capital assets	81,716	87,050	81,716
	\$ 2,343,268	\$ 1,921,898	\$ 2,138,321

TOWN OF HAY RIVER

Schedule 7

General Fund
Schedule of Expenditure

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Protective Services			
Bylaw enforcement	\$ 14,560	\$ 12,098	\$ 6,034
Fire protection	583,220	617,938	487,256
Fire department vehicle maintenance	7,600	16,579	1,944
Fire department building maintenance	7,400	1,660	1,291
Civil emergency	47,680	30,561	15,124
Ambulance	32,802	27,494	46,399
Hay River Animal Shelter contribution	49,100	49,170	49,009
Animal and pest control	19,570	9,504	10,430
	761,932	765,004	617,487
Other items:			
Amortization of tangible capital assets	265,033	272,353	265,033
	\$ 1,026,965	\$ 1,037,357	\$ 882,520

TOWN OF HAY RIVER

Schedule 8

General Fund
Schedule of Expenditure

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Transportation and Public Works			
Public works			
Administration	\$ 564,980	\$ 351,169	\$ 299,407
Vehicle operations & maintenance	138,000	237,002	201,705
Town garage			
Yards	234,000	49,807	86,970
Carpenter shop			
Operating costs	115,000	95,692	73,168
Roads			
Summer roads	685,000	686,787	692,030
Drainage	10,000	3,191	-
Winter roads	344,000	222,303	115,219
Street lighting	280,000	257,730	254,239
Road safety	10,000	6,391	951
	2,380,980	1,910,072	1,723,689
Other items:			
Amortization of tangible capital assets	1,027,221	1,094,060	1,027,221
	\$ 3,408,201	\$ 3,004,132	\$ 2,750,910

TOWN OF HAY RIVER

Schedule 9

General Fund
Schedule of Expenditure

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Environmental and Public Health Services			
Sanitation operations	\$ 385,000	\$ 391,900	\$ 352,038
Landfill			
Maintenance	90,500	42,825	77,595
Landfill accretion expense	-	88,918	79,862
Cemetery maintenance	3,000	1,941	5,930
	478,500	525,584	515,425
Other items:			
Amortization of tangible capital assets	7,562	7,345	7,562
	\$ 486,062	\$ 532,929	\$ 522,987

TOWN OF HAY RIVER

Schedule 10

General Fund
Schedule of Expenditure

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Planning and Development			
Planning and zoning	\$ 293,000	\$ 303,693	\$ 202,632
Tourism			
Building and yard maintenance	-	-	-
Programs	253,800	170,666	225,628
Amortization of tangible capital assets	10,698	10,577	10,698
	\$ 557,498	\$ 484,936	\$ 438,958

TOWN OF HAY RIVER

Schedule 11

General Fund
Schedule of Expenditure

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Recreational and Cultural			
Recreation administration	\$ 178,200	\$ 215,808	\$ 193,724
Vehicle maintenance	-	1,250	1,250
Recreation center operations	935,500	998,568	855,810
Recreation Center building maintenance	126,000	222,894	211,376
Swimming pool operations	884,050	778,910	513,240
Curling club operations	57,000	53,887	44,745
Sports fields	134,000	356,935	136,150
Annual town clean-up	5,000	6,544	351
Parkland	-	88,819	88,728
Library	165,000	165,000	165,000
Community television and other services	-	-	27,034
Northern Arts and Culture Centre	5,000	5,000	5,000
Beautification committee	5,000	5,000	5,000
Other economic community development initiatives	5,000	5,000	5,000
Recreation programs	420,000	343,515	340,359
	\$ 2,919,750	\$ 3,247,130	\$ 2,592,767
Other items:			
Amortization of tangible capital assets	1,045,274	1,035,903	1,045,274
	\$ 3,965,024	\$ 4,283,033	\$ 3,638,041

TOWN OF HAY RIVER

Schedule 12

General Fund
Schedule of Expenditure

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Fiscal and Valuation			
Discount on taxes	\$ -	\$ 50,984	\$ 52,270
Debenture interest	400,000	302,827	358,704
Bank charges	60,000	53,067	77,359
Interest charges (recovery)	1,500	36,564	(172,974)
Senior/disabled tax exemptions	-	267,867	244,009
Provision for (recovery of) bad debts, Note 5	40,000	54,063	71,823
	\$ 501,500	\$ 765,372	\$ 631,191

TOWN OF HAY RIVER

Schedule 13

Schedule of Expenditures by Object

For the year ended December 31, 2021

	2021 Budget	2021 Actual	2020 Actual
Amortization of tangible capital assets	\$ 3,216,384	\$ 3,405,529	\$ 3,216,384
Interest on long-term debt	400,000	302,827	358,704
Bank charges and interest	61,500	149,607	(95,618)
Contracted and general services	2,141,455	2,414,951	1,967,586
Insurance	264,000	263,228	261,686
Materials and supplies	4,780,170	3,477,398	3,673,772
Mayor and council expenses	151,052	121,300	146,022
Provision for bad debts	40,000	54,063	232,882
Salaries, wages and benefits	4,381,800	3,827,996	3,382,843
Utilities - electricity	986,538	845,495	773,165
Utilities - fuel	679,574	625,052	551,371
	\$ 17,102,473	\$ 15,487,446	\$ 14,468,797

TOWN OF HAY RIVER

Schedule of Changes in Accumulated Surplus

Schedule 14

December 31, 2021

	General Operating	Utility	Land Development	Reserves	Investment in Tangible Capital Assets	2021	2020
Excess (Deficiency of) revenue over expenditures	\$ 9,787,290	\$ (484,448)	\$ 390,252	\$ -	\$ -	\$ 9,693,094	\$ 4,206,893
Net interfund transfers							
Amortization	2,507,288	898,240	-	-	(3,405,528)	-	-
Disposals of tangible capital assets	759,675	-	-	-	(759,675)	-	-
Additions to tangible capital assets	(9,712,263)	(1,156,689)	-	-	10,868,952	-	-
Capital funding used for utility infrastructure	(1,156,689)	1,156,689	-	-	-	-	-
Long-term debt (repayment)	(708,404)	-	-	-	708,404	-	-
Allocations to Reserves	(2,005,075)	(7,328)	-	2,012,403	-	-	-
Changes in fund balances	(528,178)	406,464	390,252	2,012,403	7,412,153	9,693,094	4,206,893
Accumulated Surplus (Deficit), beginning of year	\$ (4,269,007)	\$ 2,680,066	\$ 5,828,775	\$ 5,532,521	\$ 64,825,091	\$ 74,597,446	\$ 70,390,553
Accumulated Surplus (Deficit), end of year	\$ (4,797,185)	\$ 3,086,530	\$ 6,219,027	\$ 7,544,924	\$ 72,237,244	\$ 84,290,540	\$ 74,597,446

Reserves	2020	Increase	Decrease	2021
General operating fund	\$ 4,221,816	\$ -	\$ 1,005,075	5,226,891
Utility infrastructure reserve	1,310,705	-	1,007,328	2,318,033
	\$ 5,532,521	\$ -	\$ 2,012,403	7,544,924

TOWN OF HAY RIVER
Schedule of Tangible Capital Assets
December 31, 2021

Schedule 15

	Opening Balance	Additions	Disposals	Closing Balance	Accumulated Amortization Beginning of Year	Net Carrying Amount Beginning of year	Deletions	Amortization	Accumulated Amortization End of Year	Net Carrying Amount
General Fund										
Land	422,625	-	-	422,625	-	422,625	-	-	-	422,625
Land in development	2,165,508	-	454,416	1,711,092	-	2,165,508	-	-	-	1,711,092
Linear Structures	23,529,157	1,354,141	-	24,883,298	10,186,591	13,342,566	-	997,412	11,184,003	13,699,295
Buildings	44,591,426	252,721	319,674	44,524,473	9,329,952	35,261,474	-	913,529	10,243,481	34,280,992
Machinery and Equipment	7,856,028	49,931	-	7,905,959	6,412,864	1,443,164	-	627,903	7,040,767	865,192
Work in progress	282,302	8,055,470	-	8,337,772	-	282,302	-	-	-	8,337,772
Art Work	71,199	-	-	71,199	-	71,199	-	-	-	71,199
Tangible Capital Assets - General Fund	\$ 78,918,245	\$ 9,712,263	\$ 774,090	\$ 87,856,418	\$ 25,929,407	\$ 52,988,838	\$ -	\$ 2,538,844	\$ 28,468,251	\$ 59,388,167
Utility Fund										
Water and Sewer System	\$ 23,846,796	\$ 1,144,520	\$ -	\$ 24,991,316	\$ 5,418,456	\$ 18,428,340	\$ -	\$ 454,104	\$ 5,872,560	\$ 19,118,756
Land	1,000	-	-	1,000	-	1,000	-	-	-	1,000
Buildings	7,854,547	-	-	7,854,547	2,970,556	4,883,991	-	267,454	3,238,010	4,616,537
Vehicles	288,962	-	-	288,962	282,819	6,143	-	6,143	288,962	-
Heavy Equipment	11,241	-	-	11,241	11,241	-	-	-	11,241	-
Furniture & Equipment	1,962,046	10,130	-	1,972,176	1,658,375	303,671	-	138,983	1,797,358	174,818
Work in progress	1,822,598	2,039	-	1,824,637	-	1,822,598	-	-	-	1,824,637
Tangible Capital Assets - Utility Fund	\$ 35,787,190	\$ 1,156,689	\$ -	\$ 36,943,879	\$ 10,341,447	\$ 25,445,743	\$ -	\$ 866,684	\$ 11,208,131	\$ 25,735,748
Total Tangible Capital Assets	\$ 114,705,435	\$ 10,868,952	\$ 774,090	\$ 124,800,297	\$ 36,270,854	\$ 78,434,581	\$ -	\$ 3,405,528	\$ 39,676,382	\$ 85,123,915

TOWN OF HAY RIVER

Schedule 16

Gas Tax Agreement

Statement of Revenue, Expenditure and Deferred Contribution

For the year ended December 31, 2021

	2017	2018	2019	2020	2021	Cumulative
	Actual	Actual	Actual	Actual	Actual	
Funding						
Deferred contribution balance, opening	\$ 367,680	\$ 556,372	\$ 517,905	\$ 1,957,422	\$ 2,122,016	\$ 367,680
Annual Gas Tax allocation	1,305,000	1,397,000	2,794,000	1,397,000	2,875,000	9,768,000
Interest earned	8,957	24,533	37,397	39,867	17,699	128,453
	1,681,637	1,977,905	3,349,302	3,394,289	5,014,715	10,264,133
Funds Spent						
Sewer Flushing Equipment	-	-	-	-	123,859	123,859
Break up equipment	-	-	-	7,729	-	7,729
Capital Drive Watermain	-	-	-	-	19,800	19,800
Treatment Plant Intake Inspection	-	-	-	16,615	39,109	55,724
Water Treatment Plant	-	-	86,820	154,474	15,710	257,004
Reservoir Electrical/Mechanical/Roof Upgrades	-	-	87,109	-	-	87,109
Paradise Road Realignment	-	-	680	128	-	808
Grader Replacement	-	-	314,464	-	-	314,464
Aquatic Facility Boilers	-	-	49,769	-	-	49,769
Fisherman's Wharf Pavillion	-	-	50,000	182,760	-	232,760
Public Beach Upgrades	-	-	30,000	-	-	30,000
Arena front lot paving	-	60,000	-	-	-	60,000
Mansel, Dessy, Morin W&S upgrade	-	100,000	773,038	-	-	873,038
Courtoreille St. water/sewer/streets/sidewalks	-	1,300,000	-	-	-	1,300,000
McRorie Rd Water/Sewer Replacement	581,083	-	-	-	-	581,083
Caribou Cres. Water, Sewer and Drainage	-	-	-	898,086	29,400	927,486
Beaver Cres. Water, Sewer and Drainage	-	-	-	8,106	1,244,692	1,252,798
Riverview Road Upgrades	-	-	-	4,375	3,060,633	3,065,008
Ravine brushing	16,748	-	-	-	-	16,748
Industrial area drainage improvements	5,066	-	-	-	-	5,066
Waterline 553 to Service Road	138,547	-	-	-	-	138,547
2017 Asphalt Patching Program	340,628	-	-	-	-	340,628
Vale Island Drainage works	43,193	-	-	-	-	43,193
	1,125,265	1,460,000	1,391,880	1,272,273	4,533,203	9,782,621
Deferred contribution balance, closing	\$ 556,372	\$ 517,905	\$ 1,957,422	\$ 2,122,016	\$ 481,512	\$ 481,512

TOWN OF HAY RIVER

Community Public Infrastructure Agreement
Statement of Revenue, Expenditure and Deferred Contribution

Schedule 17

For the year ended December 31, 2021

	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	Cumulative
Funding						
Deferred contribution balance, opening	\$ 3,949,756	\$ 519,199	\$ 485,900	\$ 777,137	\$ 1,478,691	\$ 3,949,756
Annual CPI allocation	1,260,000	1,260,000	1,510,000	1,833,000	2,132,000	7,995,000
Interest earned	33,174	23,912	32,078	22,529	19,218	130,911
	5,242,930	1,803,111	2,027,978	2,632,666	3,629,909	12,075,667
Funds Spent						
Lift Station System Upgrade	-	-	29,950	439,536	757,812	1,227,298
Caribou Cres. Water and Sewer and Drainage	-	-	7,875	203,000	164,168	375,043
Beaver Cres. Water, Sewer and Drainage	-	-	-	-	77,197	77,197
Riverview Drive Upgrades	-	-	-	-	225,871	225,871
Ambulance (2020)	-	-	-	-	156,359	156,359
Computer Equipment Replacement Program	-	-	-	-	17,564	17,564
Vale Island Multi-Use Recreation Area	-	-	-	-	18,755	18,755
New Water Licence Requirements	-	-	-	-	84,880	84,880
Multiplexer	-	-	-	-	10,270	10,270
Auto-Pulse	-	-	-	-	14,862	14,862
Commercial Water Meter Upgrade	-	-	-	19,239	-	19,239
Dispatch Equipment	-	-	-	16,935	-	16,935
Small Capital Recreation Programming	-	-	14,294	-	-	14,294
Day Shelter and Playground Equipment	-	-	23,668	-	-	23,668
Snow Blower - Heavy Duty	-	-	118,419	-	-	118,419
Trenchless Sewer Line Relining	-	-	478,655	-	-	478,655
Water Treatment Plant Roof Replacement	-	-	7,427	-	-	7,427
Sewage Lagoon Upgrade	-	-	72,000	-	-	72,000
Wright Crescent water & sewer upgrades	-	107,393	-	-	-	107,393
New arena facility concession	-	30,714	-	-	-	30,714
Mansel, Dessy, Morin water and sewer upgrade	-	600,000	-	-	-	600,000
Recreation Centre	3,410,946	-	-	-	-	3,410,946
SCBA Upgrades	164,301	-	-	-	-	164,301
Downtown Sewer Relining	317,000	-	-	-	-	317,000
Downtown Beautification	120,000	64,804	-	-	-	184,804
Generator Replacement - WT Plant	105,274	121	-	-	-	105,395
Waterline 553 to Service Road	100,000	-	-	-	-	100,000
Sidewalk Rehabilitation	86,463	-	-	-	-	86,463
Emergency Main Repairs	44,709	-	-	-	-	44,709
Wildfire Protection Plan	25,183	-	-	-	-	25,183
Town House Renovations	7,721	-	-	-	-	7,721
Water Treatment Plant Upgrades	1,020	-	12,997	-	-	14,017
Debt servicing	-	452,143	452,143	450,000	450,000	1,804,286
Fire hall / Town Hall Demolition	4,844	-	-	-	-	4,844
IT annual evergreening	76,591	-	-	-	-	76,591
McRorie Rd Water/Sewer Replacement	203,691	-	-	-	-	203,691
Porritt Landing Boat Launch	55,988	-	-	-	-	55,988
Computer Replacement Program	-	62,036	33,413	25,265	-	120,714
	4,723,731	1,317,211	1,250,841	1,153,975	1,977,738	10,423,496
Deferred contribution balance, closing	\$ 519,199	\$ 485,900	\$ 777,137	\$ 1,478,691	\$ 1,652,171	\$ 1,652,171

TOWN OF HAY RIVER

Schedule 18

Investing in Canada Infrastructure Program
Statement of Revenue and Expenditure

For the year ended December 31, 2021

	2020	2021	Cumulative
Revenue			
Investing in Canada Infrastructure Program	1,503,441	\$ 3,675,143	\$ 5,178,584
Eligible expenditures			
Lift Station Upgrade	-	2,273,435	2,273,435
Caribou Cres. Water, Sewer replacement	-	492,504	492,504
Beaver Cres. Water, Sewer and Drainage	-	231,591	231,591
Riverview Drive Upgrades	-	677,613	677,613
Wastewater Lift Station Project	1,211,059	-	1,211,059
Communtiy Roads Upgrades Improvement Project	292,382	-	292,382
	1,503,441	3,675,143	5,178,584
Surplus / deficit	-	\$ -	\$ -

TOWN OF HAY RIVER

Schedule 19

Schedule of Salaries, Honoraria, and Travel

For the year ended December 31, 2021

	Salaries	Honoraria	Travel
Mayor			
Kandis Jameson	\$ 44,465	\$ -	-
Deputy Mayor			
Robert Bouchard	12,354	-	-
Councillors			
Linda Duford	10,062	-	-
Jeff Groenewegen	10,062	-	-
Steven Anderson	9,147	-	-
Keith Dohey	10,291	-	-
Brian Willows	10,062	-	-
Emily Chambers	10,062	-	-
Peter Magill	915	-	-
Karen Wall	915	-	-
	\$ 118,335	\$ -	-