

## Grise Fiord Integrated Community Sustainability Plans (ICSP)

**Submission Year**

2024 / 2025

**Motion Number**

41-11-24

**Objective**

To pursue many of the infrastructure requirements that are stated herein.

Category	Asset	Action Required	Problem / Summary	Priority
Municipal Infrastructure	Maintenance Garage - Hamlet	Renovate	Replacement of both boilers in the Water Treatment Garage/Plant - A CGS-driven project to ensure Grise Fiord's water supply is protected (i.e. that the water tanks and/or water treatment garage do not freeze up as a result of the breakdown of the associated boilers). This work is implemented by Sifec North with a financial contribution from the Hamlet.	1
Housing	Staff Housing - Hamlet	New	Our "Hamlet House" could be used as staff housing, but currently has been used to accommodate groups coming in from out of town (the CoOp Hotel may be full, or not suitable for some groups). Projects we have in process are new vinyl siding, new kitchen cabinets, and new furniture, all being allocated under the MCBF Program	2
Other	Other	Renovate	Bridge Resurfacing and Safety Improvements. Our main bridge has been in need of resurfacing, as there were holes in the wood where tires 'track' and the wood has aged. New chain link fencing will also be added to the sides, to ensure a child does not fall or climb through the railings and fall into the river below.	3
Municipal Infrastructure	Parking Garage - Hamlet	New	The Hamlet recently purchased and received a new Water truck and sewage truck, and acquired a used grader. The Hamlet is currently engaged in GN's Parking Garage Program, with the objective of building a 6-bay garage.	4
Schools/Daycare	School Gymnasium	Renovate	Because the Old School Gym has been shut down by the regulatory authorities, our students currently must dress in winter gear, walk to the Hamlet office building, remove winter gear, complete their activity, put winter gear back on and return to school. Much time is lost. The facility was used in the past but, requires a major renovation to make it functional. Update: In the fall of 2024, we are considering avenues to secure federal funding for these renovations, however GN support is required.	5
Solid Waste	Hazardous Waste	New	The Solid waste site is not enclosed, and is not organized as it should be. Hazardous waste (including batteries, oil drums, paint, and building materials containing asbestos) are left exposed. Council has expressed real concern with the condition of the site, including safety concerns. We understand that landfills are a top priority for the GN and that work is in process to address these issues.	6
Water/Wastewater	Water Treatment Plant	New	A New Water Treatment Plant (WTP) and Water Tanks has been approved by GN. While being delayed by one year (as announced early in 2024) completion of this Plant and Water Tanks is expected for the 2028/29 FY (latest).	7
Municipal Operations	Crusher	Renovate	Gravel is required for road upkeep, the Airport runway, and for supply and purchase by contractors for various projects. The community needs Granular Crushing Equipment, as well as a screener, and has applied for this equipment recently under the applicable CGS Program.	8
Schools/Daycare	Day Care	New	The community has been without a Daycare Facility for an extended period of time. The absence of Daycare Facility have far reaching effects on the families specifically, and the community general. Currently the Department of Health is funding various studies to facilitate the	9

			conversion of the Old Hamlet Offices building to a Daycare, and see building materials arrive on the 2025 sealift, with potential completion of the project in the 2026/27 fiscal year.	
Marine	Small Craft Harbour	New	Breakwater/Small Craft Harbour The community relies heavily on the sea for food, and transportation. The conditions have become exceptionally horrifying in recent times.. Community roads have been destroyed by waves, the main bridge that joins both sides of the community have been blocked in the past, shacks close to shore were destroyed, and hunters lost valuable hunting gears. In August, 2024 a preferred option for the location of the harbour has been selected, and Worley Canada is beginning geotechnical studies. The investment in this infrastructure will serve as a catalyst for the community members to develop their own business in the fishing and shrimp industry.	10
Traditional Economy	Community Freezer	New	The community members traditionally harvest wildlife and the community is critically dependent on the harvest for food and resources. Over the years, the freezer has been constantly plagued with issues, mainly due to old age. The present freezer died sometime ago and presently non-functional. Each time the freezer mal-functions, a large amount of food, and resources are destroyed. Also, in its current location violent waves have pounded the freezer, and the salt water shuts down the freezer. Parts are often no longer manufactured. A new freezer is vital. QIA has been looking at options to re-establish community freezers.	11
Other	Other	New	Pedestrian Walkway. Community residents currently take a short-cut from one side of the community to the other, in part to avoid the more dangerous route along the main bridge, which are frequented by polar bears. We would like to purchase and install a multi-section pedestrian walkway, however must first satisfy the various regulatory bodies. If the plan is implemented in the near-term, materials will arrive on the 2025 sealift, for installation shortly thereafter. Funding should be available through one of two federal funds.	12
Other	Other	New	The community's Gazebo was recently demolished in high winds. While not urgent, it would be a community benefit to rebuild this structure since not only is it a bit of a landmark for cruise ships, for example, it also was used by hunters to hunt seals. It may be possible to interest a corporation in this initiative.	13
Municipal Infrastructure	Drainage	New	Our community is what separates the mountain from the ocean. The community lacks proper drainage system, and the culverts that are currently in place are no match for the excessive water flow. Having a sustainable drainage system in the community is paramount in order to control surface water, and minimize the effects of flooding	14
Water/Wastewater	Water Source	New	Community relies on glacier run-off for its water supply. In mid-2024 the water reservoir did not fill adequately, so the method of water collection may have to change in the near future.	15
Housing	Staff Housing - Hamlet	New	The community is small, and therefore does not have some of the skilled, and professional personnel required for Municipal operations. The need to build housing for staff recruited from outside the community is very acute. The skills that are required by the Hamlet are not always available locally, and this can result in burn-out for existing staff.	16
Roads	Roads - Municipal	Renovate	Parts of the community is poorly lit, and more poles and light bulbs need to be installed. Lack of adequate street light becomes dangerous during the dark days, especially when the polar bears come to the community. In addition the current lighting system needs to be upgraded to more efficient and brighter lights.	17
Power	Alternative Sources	New	Grise Fiord has recently completed the installation of a 10 kW 'net metering' solar panel project which offsets the amount of power we purchase from QEC for our Main Hamlet building. This was funded through the GC's Northern Reache Program. We also have a 100 kW solar panel project in process, with materials having arrived on the 2024 sealift, for installation by mid-2025. Both projects make a major contribution to the reduction of greenhouse gases. Other alternative energy sources could be reviewed and implemented where feasible.	18

Municipal Vehicles	Dozer	New	The Hamlet is missing various pieces of municipal equipment that are essential to road maintenance, and we cannot keep up with the dollar-amounts that are required for these purchases. We do not have a bulldozer. We recently acquired a used grader from Airports, but it will require ongoing maintenance. We do not have a compactor. We do not meet GN's standards for a 'Basic Fleet'.	19
Municipal Infrastructure	Fire Hall	Renovate	Our "Firehall" is basically a building that was handed down to the hamlet, and does not have the basic washroom facilities. The building requires an office to facilitate the work and administrative aspect of the Fire department. In addition, the main entrance doors need to be replaced because they are old, and cold air is escaping under the door into the building.	20
Other	Waste Management Plan	New	Bear Resistant Garbage Bins. Often times refuse is also left on the beach, and at different areas in the community including specialized picnic areas around town. Having about 3-4 bear resistant garbage bins placed in these areas is a cost-effective way for the community to responsibly store garbage and maintain a healthy environment.	21
Municipal Infrastructure	Land - Development/Planning	New	Demand for Residential & Commercial Lots As youths leave their parents home, the demand for housing increases. Also, for the past couple of years, potential investors have shown interest in establishing commercial ventures in the community. It therefore follows that more lots need to be surveyed in order to fulfill the need. Also, old dilapidated government builds need to be demolished, and the lots made available the public.	22
Housing	Public Housing	New	A large percentage of residents are 30 years and under, and some have already started their own families. This translates to an increase in demand for housing. Last year, we had excess capacity, this year it's a different story. Some houses are in poor conditions, especially those old dwellings along the shoreline. The general wear and tear due to old age, has certainly taken its toll on the buildings. These buildings need to be demolished, and new units erected in a different location.	23
Water/Wastewater	Wastewater Treatment	Renovate	Lagoon sewage lagoon is approximately 1000 metres away from the ocean. The effluent is not processed after it leaves the lagoon, and takes approximately 15 minutes to reach the ocean. By extension, effluent is expelled into the ocean that is not environmentally friendly. This issue can be alleviated by additional filtration system before the water is discharged into the ocean.	24
Heritage	Cultural Center	New	Multi Purpose Arts, Culture and Visitors Centre. This would help us preserve our culture heritage and also allow us to show case the history in a positive manner.	25
Commercial Facilities	Hotel	New	The hotel (dormitory) is not up to code, the building is small, poorly maintained, and managed, and does not have the facilities to entice tourist to revisit. A new hotel would be ideal, but this requires a close look at the 'business case'. ACL who owns the current hotel is currently reviewing options.	26
Petroleum	Tank Farm	Renovate	Expand Diesel Tank Capacity. There is only one Diesel tank	27
Airports	Terminal	Renovate	The terminal building is in a relative fair condition, however some cosmetic work is required.	28
Airports	Fence - Runway	Renovate	The fencing needs to be replaced. Runway edge lighting and threshold lighting issues need to be addressed promptly. Light fixtures are old and cannot be repaired since parts are no longer available.	29
Airports	Runway	Renovate	Replace taxiway/apron and runway	30
Petroleum	Tank Farm	Renovate	Fuel Tanks are old and are showing signs of aging.	31
Roads	Land Access Road	Renovate	Extend Road to Nuvuk along the beach. For use by hunters for hunting and fishing purposes. Also will be used for picnics and to get away from town .	32

Sports and Recreation	Arena	New	The community would benefit greatly from having a Multi-purpose building: i.e. Arena, Youth Centre, Cultural & Heritage Centre. It would be particularly valuable in Grise Fiord where so many necessities of life are lacking. This infrastructure would help in a significant way to enhance the quality of life of the people.	33
Other	Other	New	The community would benefit greatly from a Green House	34
Sports and Recreation	Swimming Pool	New	Swimming Pool. The issues of liability, maintenance and cost need to be addressed before such a project could be undertaken.	35