



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

Present	Staff
Mayor Pamela Gross	Marla Limousin – CAO
Deputy Mayor Angulalik Pedersen	Mosharef Hossain – Director of Finance
Councillor Derek Elias	Alice LaFrance- Manager of Human Resources
Councillor Shah Alam	
Councillor Jenna Kamingoak	Guests
Councillor Sandi Gillis	Ann Balasubramaniam- Polar Knowledge
Councillor Barrie Ferguson	NR Can –John Stronach and Team
Councillor Wilfred Wilcox	
Excused	
Councillor Savanna Moore	

1. Call to Order

Mayor Gross welcomed the members of Council, staff and guests and called the meeting to order at 5:35pm.

2. Opening Prayer

Councillor Derek Elias said the opening prayer.

3. Adoption of Agenda

a. RCM#21-02- February 1st, 2021

Motion

To adopt the Agenda for RCM#21-02 on February 1st, 2021.

Moved by: Councillor Derek Elias

Seconded by: Deputy Mayor Angulalik Pedersen

CARRIED#21-02-01

4. Declaration of Interest

None declared at this time.



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

5. Delegation

a. Ann Balasubramaniam- Polar Knowledge – Regarding Scientists in Cambridge Bay in 2021

Polar Knowledge shared information on their plans for the CHARS campus operation for 2021. Polar is looking for a plan to safely resume the research support process for visiting researchers at the CHARS campus as permitted by national, regional and local health authorities. They would like to advertise for applications to determine the interest without committing until the public health advice says that it is safe to do so and are engaging the opinion of the Council.

Discussion took place about the number of researchers and Polar advised that the number is not know at this time and may not even be accepted.

Motion

To approve CHARS researchers working in the community with the understanding that all CPHO regulations will be followed.

Moved by: Councillor Derek Gillis

Seconded by: Councillor Elias

CARRIED#21-02-02

b. NR Can – Small Modular Reactor Presentation – Diane Cameron, John Stronach and staff

A presentation was made by Diane Cameron of NR Can on the potential use of Small Modular reactors in remote northern communities.

NRCAN Presentation: NRCAN's presentation focused on Canada's nuclear sector, Small Modular Reactors, NRCAN's Indigenous and Inuit engagement approach, and SMR developments in Canada, including Canada's SMR Roadmap and Canada's SMR Action Plan. NRCAN emphasized that SMRs are going to be much smaller than the conventional nuclear reactors that currently operate in Ontario and New Brunswick. SMRs can range from 300 megawatts electric (MWe) to 1 MWe. Units that range from 1 to 5 MWe could be quite useful for off-grid and remote communities, which are meant to be factory produced to drive down production costs.

SMRs in the North: Council raised a question about whether SMRs would be operated remotely, whether NRCAN has been partnering with Qulliq, and whether an SMR would be meant to replace a community's diesel generator. NRCAN responded that it is working closely with Qulliq energy,



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

which has been interested in learning more about SMRs since the launch of the SMR Roadmap in 2018, and has been providing advice on the challenges of operations or deployment in the North to the SMR private sector companies. NRCan elaborated that the business model for an SMR in a northern community or mine site would be based on delivering a reactor unit by barge which could operate for a time period like 20 years, then brought south in its entirety for decommissioning. As such, an SMR could supply reliable power to replace a community's diesel, including to potentially provide district, greenhouse, or water purification heating, and could combine with renewable energy.

Risks associated with SMRs: Council raised a question about the risk factors of having an SMR in a remote northern community, noting the fragility of the ecosystem as well as the sacredness of plants and animals, and referred to the Chernobyl and Fukushima nuclear disasters that occurred.

Active vs passive safety: NRCan noted how these incidents posed a challenge for nuclear scientists and engineers to rethink how they approached safety, from an 'active' design to a 'passive' safety approach. Active safety, which is currently seen in reactors, relies on a multi-layer active safety system that includes having operators respond to extraordinary circumstances to implement emergency measures. The tsunami at Fukushima showed that even with excellent training, human operators in exceptionally stressful circumstances might not be able to react as needed in the moment. This incident was a lesson learned, so SMRs are instead being designed to have 'passive' safety features instead, which rely on the laws of physics to safely shutdown in emergencies and removing human operation from the equation.

Fuel and 'simplicity' of design: NRCan noted that another factor contributing to SMRs having a more safe design included that the physical quantity of nuclear fuel and fissile material, especially in a micro-SMR, would be very small. In addition, the reactor units are designed to not be something that could be opened, meaning nothing escapes or could be exposed to the nuclear fuel.

Location: Council inquired about the location of the SMR and would want it to be far away from the community. NRCan responded that in Stream 3, there are two designs that can be used for the application in a remote area. The SMR vendors, Westinghouse and Global First Power, are developing the micro-reactors that will be first demonstrated at the Chalk River Laboratories. As the demonstration projects are being done, it will be important to look into northern considerations, such as the impact of permafrost.

NRCan committed to sharing the summary of the meeting with Cambridge Bay. Council noted



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

that this meeting provided a good introduction to SMRs. They can see that it could be a favourable option to think about, but have many more questions to ask. They are trying to move towards green solutions and understand SMRs are something that's a little different, but it's very useful to have greater understanding. Council and NRCan agreed to work towards another meeting to learn more.

6. Approval of Minutes

- a. RCM#18, December 7th, 2020

Tabled

- b. RCM#21-01, January 4th, 2021

Tabled

7. New Business

- a. Revise Committee's of Council Schedule

Most Councillors are on 2 or more Committees that are currently required to meet once a month in Accordance with the Council Procedures Bylaw.

Councillor Gillis has consulted the Planning Committee and they would like to meet once every two months unless decisions need to be made that are pressing.

Councillor Elias has discussed with the MW Committee and they would like to meet every two months unless something needs to be discussed. With respect to the Economic Development Committee, Councillor Elias will discuss it with them this week.

Finance Committee would like to change to every 2 months.

Council **Tabled** this item for further discussion.

8. Committee Reports

Planning and Lands

- a. Land Administration

- i. TBG Construction – Land Application – 5 plex on Lots 17 and 18, Block 63.



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

Councillor Gillis- Planning Committee has reviewed the Land Application and is recommending approval.

Motion

To approve a Land Application be granted to TBG Construction for Lots 17 and 18, Block 63 for the purposes of a 5-plex.

Moved by: Councillor Gillis

Seconded by: Councillor Elias

Councillor Wilcox abstained

CARRIED#21-02-03

ii. TBG Construction – Land Application – Duplex on Lots 17 and 18, Block 63.

Councillor Gillis - Planning Committee has reviewed the Land Application and is recommending approval.

Motion

To approve a Land Application be granted to TBG Construction for Lot 40, Block 54 for the purposes of a duplex.

Moved by: Councillor Gillis

Seconded by: Councillor Kamingoak

CARRIED#21-02-04

iii. PI/KHS – New Heritage Society Centre package

Mayor Gross declared Conflict of Interest and left the Chamber.

Councillor Gillis- Planning Committee has reviewed the package submitted by the PI/KHS for a museum and supports this type of land use for the community but there are many steps to take place before an application can be made on this land they have selected.

First the Municipality will need to acquire the land from CGS and rezone the site to Commercial/Community use with an emphasis of the desired use of a Cultural and Learning Centre.

Secondly, once the land has been acquired, Council will need to pass a Land Disposal ByLaw in



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

accordance with the Land Administration ByLaw and the Planning Committee then thirdly, the Planning Committee recommends disposal of the lot by Proposal Call as allowed on the Land Administration Bylaw. The Planning Committee will recommend an evaluation criteria to help assess the applications for the land at the time it will be advertised for proposals.

Motion

To acknowledge the submission made by PI/KHS as a desired use for the lands in question as a Cultural/Learning Centre and that the Municipality make application to acquire the land from CGS and rezone the site to Commercial/Community use with an emphasis of the desired use of a Cultural and Learning Centre. Once the land has been acquired, Council will pass a Land Disposal ByLaw and once passed will dispose of the land by Proposal Call.

Moved by: Councillor Elias

Seconded by: Councillor Wilcox

CARRIED#21-02-05

Council took a 10 minute break at 7:54

b. DESIGN

Aurora Heights Developing costing – Discussion on waterline

Tabled

c. PLANNING AND LEGISLATION

ByLaw 318 Amendment to By Law 288-Community Plan for the Aurora Heights Subdivision, Phase 1 Commercial Area and parking requirements.

Councillor Gillis- The Planning Committee recommends the 1st Reading of ByLaw 318 to allow for changes to be made to the plan and to proceed to a Public Hearing.

The following changes to the ByLaw are recommended for the Community Plan Bylaw 288 and the Zoning ByLaw 289.

a. Create three (3) new Residential Zones in the Zoning By-law for the Aurora Subdivision and future subdivisions;

b. Redesignate and rezone Lots 2, 3 and 4, Block 64 from “Residential” to “Commercial & Community”.



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

- c. Redesignate and rezone a portion of Lot 4, Block 55, Plan 4327 and adjacent untitled Municipal Land within the Phase 1 Commercial Area from “Commercial & Community” and “Open Space” to “Core Area” and from “Core Area” to “Open Space”;
- d. Redesignate and rezone the untitled Municipal Land to the west of the Phase 1 Commercial area from “Municipal Reserve” to “Residential” land use designation and to “Residential Low Density (R1)” Zone;
- e. Redesignate and rezone untitled Municipal Land at the intersection of Okalik and Natik Streets from “Open Space” to “Commercial & Community”;
- f. Amend the application fee for a Development Permit for residential building more than 6 dwelling unit to correct number error (Section 7 – Fees).

Motion

To read ByLaw 318- Amendment to By Law 288-Community Plan, for a first time.

Moved by: Councillor Gillis

Seconded by: Councillor Kamingoak

Councillor Wilcox abstained

CARRIED#21-02-06

- ii. Bylaw 319 – Amendment to the Zoning ByLaw 289 - for the Aurora Heights Subdivision, Phase 1 Commercial Area and parking requirements.

Councillor Gillis- The Planning Committee recommends the 1st Reading of ByLaw 319 to allow for changes to be made to the plan as identified in i. above and to proceed to a Public Hearing.

Motion

To read ByLaw 319- Amendment to By Law 289 Zoning ByLaw, for a first time.

Moved by: Councillor Gillis

Seconded by: Councillor Ferguson

CARRIED#21-02-07

9. Around the Table

- a. **Councillor Wilcox**



**Municipality of Cambridge Bay
Regular Council Meeting RCM#21-02
Monday, February 1st, 2021 @ 5:30pm
Minutes**

To provide more information to the Public about the enforcement of the Tipping Fee at the solid waste site.

Question was asked about the filling of the Council Officer position. CAO advised that the job had been advertised with no suitable candidate applying. We will advertise again.

10. Adjournment

Motion



To Adjourn RCM#21-02 at 8:32pm.

Moved by: Councillor Elias

Seconded by: Councillor Alam

CARRIED#21-02-8

Minutes approved by Motion #21-02-05 on February 15th,2021.

	
Mayor Pamela Gross	CAO Marla Limousin