



 Revelstoke Center and Teams
 Date: Monday, October 24th, 2022
 Time: 11:30- 16:30 Pacific

F2F Meeting Notes

Revelstoke Complex and Central Selkirks

Caribou Technical Working Group
Members and invitees

Genevieve Lachance (moderator)	Christine Friedrichsmeier	Guests/Presenters: Mateen Hessami Garrett McLaughlin Kathi Zimmerman Deb McKillop		
Tim Eugene	Deb McKillop	Hunter Lampreau	Cory Legebokow	Leonard Edwards
Rieva McCuaig	Robin Steenweg	Robyn Laubman	Rob Serrouya	
Aaron Reid	Adam Neil	Leo DeGroot	Marc Steynen	
Gwen Bridge	Miles Howard	Rhiannon Kirton	Cailyn Glasser	
Corey Bird		Darcy Peel	Austin Ingram	
Tina Donald	Chris Joseph	Brennan Lund	Allison Pagett- notes	
Carlie Quinn	John Krebs	Bevan Ernst	Jean Polfus	

The purpose of this meeting is to review and discuss caribou habitat options solutions, and co-benefits, highlighting carbon offset

ACTIONS SUMMARY

NEW ACTIONS

- Indigenous groups to meet prior to the regular TWG
- Genevieve**- Post new version of framework- Genevieve
- List of Indigenous groups collaborating to be clarified at the Indigenous Technical Working Group.
- NEXT STEPS over the next 4 weeks: Nations will provide feedback on today's meeting and the plan.
- Mateen** will make changes and will be in contact with Genevieve for feedback.
- Jean Polfus** to provide a table to clarify the options, management, and implications to caribou
- Rob, Kathi, Leo, Aaron, and Bevan** to work on the rationales of the different scenarios proposed. Why is 95% better than 75% or why is protecting High and Moderate better than just the Low option, etc?
- Genevieve** Ensure we are stating clear objectives at the start of document
- Genevieve/Bevan** to create a map to add layer of heli-ski, snowmobile closure to the scenario.

All information relating to the RCCSCTWG can be you on the FTP site: [here](#)

<ul style="list-style-type: none"> ○ Jean/Genevieve: : Anti-racism strategies to be develop and discuss at a future meeting
DEFERRED ITEMS:
<ul style="list-style-type: none"> • Round Table • Alternative protection/habitat solutions- Robin Steenweg • Follow-up groundhog supplemental feeding- Bevan Ernst • Restoration sub-group update – Carlie Quinn
OLDER ACTIONS/FOLLOW-UP
<ul style="list-style-type: none"> ○ Genevieve to include non-hard protections (timelines of protections) conversation for the next F2F meeting. MTG Nov 28 2022 ○ Hunter to write a paragraph on vision towards decision making? for Genevieve to include in the summary doc. Not completed ○ Produce a document on population target, and translocation of animals according to notes in section . Aaron, Bevan, Kathi? Leo is tasked to do or delegate ○ Robyn L.: Hwy 23 - concerns for caribou - to discuss later meeting?

1	11:30	<p>Welcome</p> <p>We have been meeting for year & half. Today's focus:</p> <ul style="list-style-type: none"> ○ Options for habitat, Mateen's presentation ○ Co-benefits to habitat options- Kathi Zimmerman ○ Garrett McLaughlin-Carbon Offsets ○ Co-benefit of carbon-Deb McKillop & Bevan <p>FTP site for documents discussed.: www.for.gov.bc.ca - /ftp/RSI/external/!publish/Revy_complex_Central_Selkirks_TWG/presentation/</p>
2	11:40	<p>Summary of Indigenous morning</p> <p>Tim: significant discussion this morning, FN want to work together. Discussion included:</p> <ul style="list-style-type: none"> • SAR Act Section 80 • Consensus that <i>Steering Committee of Indigenous groups (TWG? Name TBD)</i> will be formed & will meet prior to Caribou Technical Working Group meetings to capture DRIPA,(consent approach). Intended to be a monthly meeting. • Caribou Treaty -preliminary idea to establish similar to Buffalo Treaty. • More to come (Cailyn)...
3		<p>Caribou Recovery Program- framework/process – Genevieve</p> <ul style="list-style-type: none"> • Presenting the flowchart process for the Caribou recovery program engagement as described by Darcy Peel during the last meeting • PROCESS FLOWCHART-being revised, will be found in FTP link soon • After this group develops a product-then engagement will take place with MOF district and regional, and stakeholders including (industry) • a recommendation package will be created for SDM (deputy/minister/premier-higher than district) • plan implementation <p>GARs, UWRs- decision maker is regional executive director- Russ Laroche</p> <p>Cailyn: how much a package can be changed, or muddled by SDM prior to</p>

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		<p>implementation?</p> <p>JKrebs: a number of provincial statutes/Act would be touched by a Caribou Recovery Plan (lands act tenures, WLA, recreation). This is <i>similar</i> to a Land Act Plan. Difficult to answer, fettering a decision maker-unfair Q?</p> <p>Hunter: At what point are concerns of fettering a decision-maker outweighed by recognizing the commitment to pursue co-management as partners? Do we know who the SDM responsible for considering the recommendation package will be, and can we include them in the process from here on to reduce the potential for fettering, and build potential for this recommendation package being something they're a part of building?</p> <p>Fettering is not a concern until it is a concern. Takes some blind trust.</p> <p>Leonard (Splatsin: integral with Maternal pen) I am looking at your chart and it looks like this will take too long because the rate of logging that is going on in caribou lands that have to be protected will be logged by the time we finish talking, I think that we have to move faster if we want to protect our caribou.</p>

4	13:00	<p>Review of habitat options and discussion on habitat solutions type</p> <p>Mateen's Presentation https://www.for.gov.bc.ca/ftp/RSI/external/!publish/Revy_com_ples_Central_Selkirks_TWG/presentation/RevSelkirk_RecoveryPlanning_Oct24_2022%20(1).pptx</p> <p>Ultimate goal-Produce unified evidence based, Caribou first range planning statement. To be sent to province & tenure holders ASAP. Power in collaboration Reference to groups</p> <ul style="list-style-type: none"> • How would Indigenous groups like to be referred to here? • ONA is a support mechanism for the bands, add OKIB as they have a special vested interest • Hunter: Representative/non-representative status might be something to clarify at the Indigenous Technical Working Group' ToR. <p>Definitions Core-Used directly by caribou, necessary for survival. Matrix- not directly used, still very important. Disturbing matrix will produce more moose, thus wolves. forestry Old Growth, GAR, buffer (500m) cumulative VS zones of influence, proposed protection levels.</p> <p>Existing habitat protections-</p> <ul style="list-style-type: none"> • Parks & protected areas- • Full protection-No forestry activities (GAR UWR) • High protection-98%. Tiny harvest OG management areas <p>Current Disturbances: roads, cutblocks, fire, pests, cutblock buffer</p> <p>OPTIONS are western perspective.</p> <ul style="list-style-type: none"> • How can this be improved for presenting to Indigenous groups • Suggestions: use color coding-greens (summary slide)? • <p><u>Kernel Tool</u> Initially from study in Congo, monkeys. Tool used to define which areas they spend the most amount of time (low intensity VS high intensity) <u>How options are defined:</u> In addition to existing protections and</p> <ul style="list-style-type: none"> • Include mature forest >100 yrs & recruitment • Exclude steep terrain >70% • Buffer 500 m from old & recruitment • Assign priority Classes (Tiers of 50, 75 & 95) slide should read 95 here
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Options Summary

Kernel Percentiles

Tier 1: *Best for caribou – 95%

Tier 2: 75%

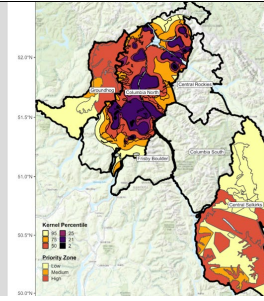
Tier 3: 50%

Priority Zone

Tier 1: *Best for caribou – low, medium, and high

Tier 2: medium and high

Tier 3: high



JKrebs:

- **The objective need to be clear at the beginning.**
Need something that explains more than the broad, that compares tier results.
- Objectives setting assistance from Together for Wildlife is available.
- Define “CARIBOU FIRST”
- Why is Tier 1 the best??-highest chance of creating self-sustaining herds (natural, holistic). What does a self-sustaining herd look like? Why?
- What will tier 2 & 3 require in terms of management
- Be transparent, just forestry values
- Pros and cons of each scenario. These need to be highlighted for presentation.

Tim Eugene: I need to know *what* needs to be done to achieve the 95%

Rhiannon Kirton: Should we not be doing this for other activities, not just forestry...a more cumulative plan (include recreation...)

- Can we add a layer of heli-ski, snowmobile closure to the scenario.
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Rob Serrouya:

If all logging stops, we would not have to kill wolves in XXX years from Mateen’s research

Bring this type of info to presentation, make it easier to understand for non-experts.

Kathie Zimmerman: think of the map as a heat map...most critical is dark red hot. We have to make progress in these critical areas.

Add Old/**Mature** to legends to limit confusion

Rhiannon: Distinguish between where we kill wolves/predators, where we also kill moose-this would help explain to community members.

Tim-indigenous communities should be offered moose meat.

Jean Polfus To do and provide: suggested a table to be created which would explain the tiers clearly, compare them, the *actual* things that would be done/involved in each option. Pros and cons

Brennan Lund: We need to ask the caribou what they need?

Tim: I would like to forestry industry reps to hear the indigenous view/concerns.

		<p>Cailyn: This plan would be first looked at the grassroots level, much before council. Economic impacts would be further down the road, a future phase.</p> <p>Rhiannon: be specific of the <i>actions</i> that lower moose populations. Declining in some places & increasing in some areas. Moose populations are of concern to the community members.</p> <p>Marc Steynen</p> <ul style="list-style-type: none"> wondering if the 3 priority herds all require the same recovery options and proposed levels of protection? There are differences in ecosystem state and disturbance mechanisms for each of the herds and wondering if we can be address these differences in our thinking and planning recommendations and actions towards recovery. <p>Jean: Anti-racism strategies should be in Terms of References. Government needs to take responsibility for a strategy and a commitment needs to be made. To Do</p> <p>Hunter: province needs to make an honest statement, BC needs to admit...</p> <ul style="list-style-type: none"> Truth & Reconciliation component if we don't do a Tier 1 FN groups no longer have opportunity to use caribou as they did in the past <p>Objective should include <i>herds should be at a level where they can again be hunted.</i></p> <p><u>Next steps for Indigenous communities</u></p> <ul style="list-style-type: none"> How to support conversations with indigenous communities and the Chief and Council about habitat options model presented will be built upon with input from today Mateen offers his support to the Nations, a number of Nations have asked Mateen & Rob Rob Serrouya for support & in person presentations to communities NEXT STEPS over next 4 weeks: Nations will provide feedback of todays meeting and the plan Mateen will make suggested changes ASAP to his presentation. <p>Jean: November 18, 22, 24 session -how incorporating indigenous knowledge into amendment of recovery strategy (Jean has more information). Invite had gone out.</p> <p><u>Alternative protection/habitat solutions- Robin Steenweg</u></p> <ul style="list-style-type: none"> How do we describe what type of habitat solutions (Wildlife Management Areas, Wildlife Habitat Areas, Temporary Deferrals, Ungulate winter range, IPCA, Conservation Corridors (coming soon), others) <p>Deferred to next time</p>
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	14:00	<p>Co-benefits to habitat options- Kathi Zimmerman https://www.for.gov.bc.ca/ftp/RSI/external/!publish/Revy_complex_Central_Selkirk_TWIG/presentation/RCCSCTWG-Co-Benefits-2022-10-24.pptx</p> <p>Integrating values: Socio economic studies integrating:</p> <ul style="list-style-type: none"> • economic, cultural (Indigenous Knowledge, DRIPA Wildlife Act), social (jobs, recreation, hunting, conservation) & environmental (Caribou are an umbrella species: By protecting caribou we also protect habitat, contribute towards Nature Agreement, protect OG/mature, provide watershed security, provide carbon offsets that releases carbon)
6	14:10	<p>Carbon presentation from Garrett McLaughlin-Forest Carbon modeler, CF Office</p> <p>For more information: https://www2.gov.bc.ca/assets/gov/environment/climate-change/ind/protocol/draft_fcop.pdf</p> <p>Forest Carbon offset Project</p> <ul style="list-style-type: none"> • Goal to reduce emission • Put a cost to emissions (\$50 per ton) • Offsets are a credit <p>Types of offset projects</p> <ul style="list-style-type: none"> • Afforestation, reforestation, conservation, improved forest management & avoided conversion • eg) Great Bear Rainforest Projects <p>Who buys offsets: gov't, Cap & Trade Programs</p> <p>More info to read-Great Bear Rainforest -BC market registry INSERT LINK</p> <p>“Additionality”</p> <p>How to demonstrate as a an <i>additional</i>, rather than standard practice.</p> <ul style="list-style-type: none"> • SEE offset protocol FPOC link above
7	14: 40	<p>Carbon modeling resultant- Deb Mackillop, Bevan Ernst https://www.for.gov.bc.ca/ftp/RSI/external/!publish/Revy_complex_Central_Selkirks_TWIG/presentation/Caribou-Carbon_24Oct2022_Final.pptx</p> <p>Can we bring it into the conversations...and can carbon fund some of the protections. Economic Potential?</p> <p>As the Revelstoke TSR is in progress now, it is a good time to get in with the Carbon modelling now as TLHB looks like it will be reduced in future.</p> <p>Can we address the climate & biodiversity crisis though Caribou recovery & old growth conservation?</p> <p>Can we get federal funding by meeting the dual objectives for areas outside THLB?? Is there opportunity?</p>

		<p>Pollution price VS Social Cost (landslides, fires) Rough GIS calculations, pricing uncertain</p> <p>Coastal First Nations-Carbon Credits https://coastalfirstnations.ca/our-land/carbon-credits/</p> <p>Nations interest in Partnering? Proposal submitted to Min of FOR to extend work from coastal BC to ICH</p> <ul style="list-style-type: none"> Partnership roles may include: QA, ride along or data collection, guide research questions Partnering assists in funding applications to extend work from coastal BC to ICH
	15:00	Break
8	15:15	Follow-up groundhog supplemental feeding- Bevan Ernst Deferred
9	15:25	Restoration sub-group update – Carlie Quinn Deferred
10	15:30	Round Table- For all to share caribou-related information Deferred
11	16:15	<p>Funding and TWG Contribution Agreement- Genevieve</p> <ul style="list-style-type: none"> This is a follow-up on the Contribution agreements that were sent to all TWG representatives <p>Some replies have been received Contact Genevieve</p>
12	16:25	<p>Review of new and old Actions</p> <p>Next Steps - Next meeting- Genevieve</p> <p>November 28- virtual, December- In Person?? probably 2 weekw earlier in light of holiday breaks</p>

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- Alternative protection/habitat solutions- Robin Steenweg
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OLDER ACTIONS/FOLLOW-UP

- **Genevieve** to include non-hard protections (timelines of protections) conversation for the next F2F meeting. PRESENTED Oct 25 2022
Genevieve to update the flowchart to increase the clarity of the process-discussed at F2F
- Hunter to write a paragraph on vision towards decision making? for Genevieve to include in the summary doc. [Not completed](#)
- John will help with the decision-making pathway – to get it clarified and understood. [Not completed](#)
- Produce a document on population target, and translocation of animals according to notes in section . Aaron, Bevan, Kathi? [Leo is tasked to do or delegate](#)
- Robyn L.: Hwy 23 - concerns for caribou - to discuss [later meeting?](#)