SUBMISSION TO THE



NUNAVUT WILDLIFE MANAGEMENT BOARD

FOR

Information: X Decision:

Issue: 2010-2013 Regional Wildlife Management and Research Priorities for Nunavut

Background:

In September 2010, the Board approved changes to its policy on the "Identification of NWMB and Regional Wildlife Management and Research Priorities for Nunavut". As per the policy, the priority lists identify research and management priorities separately. The research priorities allow regions to rank research needs on a priority basis and are used by the NWMB in the evaluation of Nunavut Wildlife Research Trust (NWRT) applications. The identification of management priorities is meant to allow regions to rank management priorities that cannot be addressed specifically by research.

As per the policy, the NWMB is required to hold priority workshops once every three years in each region. NWMB staff completed the workshops in the fall/winter of 2010 and priority lists have been finalized for the Kivalliq and Baffin regions (refer to appendices). To date, the Kitikmeot priority list has not been finalized. Wildlife section staff have attempted on numerous occasions over the past four months to receive an update on the status of the finalization of the list with the Kitikmeot Regional Wildlife Board (KRWB) and the Nunavut Inuit Wildlife Secretariat (NIWS), however no response has been received.

Recommendation:

The next step in the process as required by the policy is to send a letter to all government departments informing them of the regional priorities. The letter will ask how the departments intend to address the wildlife management priorities identified by communities, and request that the Board be provided a progress report on the issue by July 31st. This process is in place to ensure that regional priorities are being given proper consideration by government departments.

Wildlife section staff will proceed with the drafting and issuance of the letter and will further attempt to contact the KRWB regarding the finalization of the Kitikmeot list.

Consultations: Rebecca Jeppesen, Wildlife Management Biologist, NWMB; Lesley Farrow, Wildlife Management Biologist;

Prepared By: Adam Schneidmiller, Wildlife Management Biologist, NWMB

Date: March 2nd, 2011

やでくっょて トレイ・イタート 2010-2013 Baffin Regional Wildlife Priorities 2010-2013

#1 パペートのピート Priorities			
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Caribou: Research on recent migration routes	Peary Caribou: Develop management plan		
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Peary Caribou: Population estimate	Caribou: Complete conservation strategy		
	(Nunavut wide)		
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Caribou: Wolf predation rates causing decline?	Increase community involvement in wildlife		
	management		
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Caribou: Population estimate (Baffin Island)	Beluga: Management plan (Cumberland		
	Sound)		
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Marine Ecosystems: Research into cause of			
die-offs (small fish and invertebrates) and the			
effects on marine food chain			
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Polar Bear: Population estimate (Baffin Bay)	Polar Bear: Increase TAH (Baffin Bay)		
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Arctic Char: Migration routes and timing	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		
Arctic char. Migration routes and timing	Arctic Char: Explore commercial fishing		
	opportunities		
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Arctic Char: Research on age structure - larger			
fish being caught (Qikiqtarjuaq)			

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Marine Mammals: Effects of climate change /	
warmer waters	
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Crustaceans: Research required for	
exploratory fishery (Foxe Basin, Mary River	
Mining)	II C n : ···
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(Υρης)	<°Q▷∩° (%PP%Ċ⊃ĊĹJ°)
Narwhal: Population estimate (Baffin Wide)	Narwhal: Management plan (Baffin Wide)
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Ringed Seals: Predation rates (e.g. by polar	L~\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
bear) and the impact on populations	Narwhal and Beluga: Follow-up with
	communities regarding completion of trial
	CBM System
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Ringed Seals: Research on migration and	
movement	
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Ringed Seals: Age structure / Productivity	
(more large seals seen)	
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Ringed Seals: Population estimates (suspected	
decline)	
#3 ለ৯>ሀ	dト ^c Priorities
Ֆ⊳≻∖¹σ՞ Research	⊄⊳೭್ರ್ Management
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Killer whales: Population estimates	$<_{\iota}\sigma$ $>$ \cup_{c} 4 , Γ $^{-}$ 4 , 4 , 5 , 4
	Dowbood, Undata managament plan 9 TALL
d ^c : d ^c >Δc ^c	Bowhead: Update management plan & TAH

Killer Whales: Impacts on other marine	ᡏ᠍᠑ᢖ᠘᠘᠙᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘
mammals	¬σσ⊂ρ<ε ∨.ρ∪υ¬υε (.٩ε\ρ).L)
	Musk-ox: Identify management objectives
	with communities (high arctic)
#4	db ^c Priorities
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	Improved reporting of research projects and
	results to communities
#5 ぱ~~~ Priorities	
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Alien species: Effects of range expansion on	
local wildlife	
#6 パプトートロジャン Priorities	
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	Walrus: Management plan (Baffin Bay)
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	Walrus: Management plan (Foxe Basin)

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#1 <u> </u>	∢⊳∟്റ്റ _% Management
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	property, disturbance of food caches, etc.)
ቴ⊳ኦ∖ናኇ፟ ላን∆ኇ፟ዮኖቴ ላኂበኇ፞-ኇ?ላናና፲ና ላህፈረ∸ጋኇ ዺዾናኇ Research the effects of sex-specific selection during harvests on polar bear	
	Increase quotas for Western Hudson's Bay and
	Foxe Basin Polar Bear (quotas in the Kivalliq region
	are much lower than the other regions in Nunavut)
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Assess the impacts of increasing musk ox	Kivalliq Region biologists for important species
populations on caribou	(walrus, polar bear, caribou, etc.)
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Assess the impacts of disease and poor health on	Manage growing grizzly bear populations (increase
caribou populations on Southampton Island	harvesting opportunities)
プシング もりとしている Caribou population assessments	ቀሩΔ'
	Grizzly bear management plan - amendments to
	Section 24 of the Nunavut Act needed to improve
	grizzly bear management
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Research on migration of caribou incorporating IQ ΔΔΔ ^c ቕ⊳ትLታጋቴዮ ቕ⊳ትኒናኦጋቦ ለጎጋቦ	44~>~[4;¬] 6~>;>;\!\]\!\\\\\\\\\\
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IQ studies on caribou population status	Increase the length of the commercial harvesting season for arctic char
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The impact of development on caribou	(4F~7~45_F< 45/a~45(>J=a5-4F()
populations	Manage growing wolf populations (increase
	harvesting opportunities)
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#2	℅ ᲑᲑ५ᠳᡑ	Research		ᡏᢧᡄᠲ᠉		Management	
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Studies o	on arctic char r	iver and lake population	ns	Greater involveme	nt of In	uit in research	

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ላ∆ል๋ ^c 'ቴኦት∖ናርኦጔበቴ Walrus population assessment	イニ・マグド ムイト コーパ ハーコーパ (トゲ JCトペー でんかい)しゃく 本っぱい (ム・しゃ うじい) International concerns regarding trade in walrus tusks addressed through a management plan (i.e. ivory)
	Λርቴሮ (
	ለペ' ር ላታ

#3 <u> </u>	∢⊳∟്റ്റ [ം] Management
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Grizzly bear population assessment	Sport hunting opportunities for grizzly bear
$PL_{\nabla_{\alpha}}$	
Musk ox population assessment	
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Λ %-c4ኑኦጋቴ Λ crc>በጋየ Λ b\range Λ crc	Develop opportunities for sport hunts for musk ox
⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨⟨	<u> </u>
Develop ways to incorporate IQ and science into	₽₽₽. 4F> 4₽5.\₽UĻ₽?? PF₽<₽<
wildlife management and research	Greater communication and cooperation between
ᢐ᠋᠘᠘᠘᠙᠘ᢗᢋᡕ᠂᠙᠕ᢗᢗᡒ᠊ᠳᠾ᠐ᢩᢣᢉ᠄᠙᠘ᢣ᠘᠙ ᠘ᡊ᠘᠙᠘᠘᠘᠘᠘	communities and co-management partners
Assess impacts of aerial surveys and air traffic on	ᢧᠵ᠘ᡎ᠘ᡎ᠘᠙᠘ᠳ᠘᠘᠘᠘᠘᠘᠘᠘
wildlife	%የራይ ፈዛሬ ወል ^ና የእትርትጋ
	More studies involving elder knowledge and IQ
ላጋΔታዣ [、] ለペ'፞፞፟፟፟፟፟፦ለይት ይልይት ተስት ኦLላ [‹]	<u> </u> የወንትሀገ‹
The impact of development on health of wildlife	Δc°σ4ክγጔቡ δልዜ°σ° 4៕๔ሎበσ°
	فهدری می اعتبار به
	Funding assistance for HTOs to educate younger
	hunters on proper hunting techniques

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Assess the impact of growing wolf populations on
caribou

#5	℅ ᲑᲑ५ᠳ	Research	⋖⊳∟ [৻] ⋎⋲ ^ቈ	<u>Management</u>
			ᡏᡎᡆ᠘ᡰᢗ᠌᠌ᢕᠾ᠊ᡆ᠙ᠤᢞᡎ	ხუ∆ ^c
			Harvesting opportuni	ties for snow geese

#6 <u> </u>	ರ್ಷ Management
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ቴኦኦ-ነጋቦና ው<<-cd ጋቡ ላቴժበኄቦና ላጎር ህላና Research on migration routes of narwhal	
ቼÞÞԷ∖ጔዮ ላማΔσ℉ ርሊÞቴ Δ℉ናኖን ርሊኦፑ ÞLፈ<Þኦቴ Assess the impacts of marine traffic on marine mammals	
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