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11TELECONFERENCE - ALASKA12February 23, 2021
13 9:04 a.m.
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15 16
17 COUNCIL MEMBERS PRESENT:
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<pre>19 Gordon Brower, Chair 20 William Hopson</pre>
21 Wanda Kippi
22 Steve Oomittuk
23 Edward Rexford 24 Peter Williams
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27 28 Regional Council Coordinator, Eva Patton
29 Regional council cooldinator, Eva Fatton
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0146 1 PROCEEDINGS
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3 (Teleconference - 2/23/2021) 4 5 (On record) 6 7 CHAIRMAN BROWER: I'm going to call 8 the meeting back to order at 9:04 a.m., and continue on 9 with our new business. I think we left off with 10 majority Items 11, we took care of a lot of that so we probably could backtrack a little bit to the proposals 11 12 area now that we've got Carmen online, and I did hear 13 Carmen. 14 15 So with that maybe, Eva, could you help 16 us out a little bit on where to begin because we kind 17 of dotted Item 11 call for wildlife proposals and with 18 a proposal from Western Arctic RAC and then there was 19 the Board of Game proposals, and then parts of our talk 20 evolved around wanting to hear more about the concern 21 and thought maybe ADF&G, Carmen, in particular, might 22 be able to shed some light on the caribou issues and 23 things like that. 24 25 Is that where we left off yesterday? 26 27 MS. PATTON: Yes, thank you, Mr. Chair. 28 The Council had wanted to hear from Carmen on the ADF&G 29 updates for the Western Arctic Caribou Herd and 30 Teshekpuk Caribou Herd, in particular. And then resume discussion on both the wildlife special action request 31 32 and development of proposals..... 33 34 CHAIRMAN BROWER: Right. 35 36 MS. PATTON: .....from the Council as 37 you wish. We also do have online Kyle Joly, who is 38 online again, caribou biologist with the National Park 39 Service so he's available to answer questions as well 40 and engage with the Council. And some of our ISC 41 members who had worked on the previous targeted closure 42 in Unit 23 are also online for discussion if that's 43 helpful for the Council. 44 45 So I think we'll hear from Carmen this 46 morning and then get back into the Council's discussion 47 on that wildlife special action request and development 48 of any of your own Federal subsistence proposals you'd 49 like to submit. And then the Council did want to pick 50 0147 1 back up with the Board of Game muskox proposal 2 discussion. 3 4 CHAIRMAN BROWER: Uh-huh. Well, 5 Carmen, if you -- did you want to start off with some

of your updates, and by the way it sounded like you 6 7 were out in the field yesterday counting animals or 8 something. 9 10 MS. DAGGETT: Yeah, thank you, Mr. 11 Chair. For the record, this is Carmen Daggett with 12 Alaska Department of Fish and Game. And I was actually 13 flying back yesterday, made it back to town. So I was 14 counting muskox down on the Seward Peninsula if you 15 were curious. 16 17 So I guess what I am curious about is I 18 can start with the updates if you like, and then maybe 19 we can get into some discussion about any questions 20 that you might have regarding proposals. 21 22 Does that sound okay? 23 24 CHAIRMAN BROWER: I think that sounds 25 pretty good. It's probably going to help us with some 26 of the Board of Game stuff and some of the other 27 proposals that are out there that are in our unit to, 28 you know, talk more about that. 29 30 MS. DAGGETT: Okay. Okay. So I sent 31 along a flier, a summary of information for you guys 32 and I had given that to Eva a while ago, and I'm not 33 sure where, in the packet, it ended up being. Eva, can 34 you help direct them so they can follow along, please. 35 36 MS. PATTON: Sure. You'll see a one 37 page flier with the Alaska Department of Fish and Game 38 logo on the right covering caribou, moose and muskox. 39 40 CHAIRMAN BROWER: All right, I got 41 that. 42 43 MS. DAGGETT: So I'm going to give 44 everybody a quick second to find that because I think 45 it will help with just people kind of absorbing things 46 as we go here, hopefully. 47 48 (Pause) 49 50 0148 1 MS. DAGGETT: Does everybody have that 2 in front of them? 3 4 CHAIRMAN BROWER: I have it. 5 6 MS. DAGGETT: Okay, great. Great. So 7 I'm going to start out the discussion talking about 8 caribou and the most recent information that we have

about Teshekpuk caribou, specifically. I think when we 9 10 get in discussion about Western Arctic stuff, I might just let Kyle talk about Western Arctic stuff because 11 12 my guess is that he has a good summary of that 13 information. So I'm just going to talk about Teshekpuk 14 stuff, I'll go through my summary and then maybe I'll 15 let Kyle talk about the Western Arctic stuff. 16 17 So I did short yearling surveys this 18 last April, or more specifically had to a jerry-rig of 19 survey work because of Covid stuff and so we had some 20 people from Fairbanks help us out. But they viewed 21 4,257 caribou and that's a pretty sizeable portion of 22 the herd to look at for this particular survey. And 23 about 11.7 of those -- 11.7 percent were yearlings so 24 that's a pretty reasonable amount for this herd, 25 nothing unusual there. And then we did our summer 26 calving surveys and found that we actually had 81 27 percent of the females that we looked at pregnant this 28 last year. So that's actually a really good sign, the 29 10 average is about 68 percent, so it was pretty high 30 this last summer. Really good to see that. A great 31 indicator of growth. And so really good to see that 32 high number of percentage of pregnant females in the 33 Teshekpuk Caribou Herd. 34 35 In addition to those two surveys that 36 we worked on last year, we did a summer collaring 37 project. We collared 32 caribou total, 20 of those 38 were female yearlings, three were bulls and 9 were re-39 collared adult females. So that project kind of went 40 off without hitch. It was really -- we collected a lot of good information from those. And so we're 41 42 continuing to survey those animals for disease and 43 parasites and those sorts of things, keeping a close 44 eye on that. 45 46 So I think that's good for that 47 summary. 48 49 Adult female mortality was around 12 50 0149 percent between 2019 and 2020, which, you know, is 1 average. Female yearling weights were about 20 pounds 2 3 lighter than the long-term average and we had six of the 10 lowest weights recorded since 1996 this last 4 5 summer. So while most of the adult animals looked like 6 they were in really good condition, the female 7 yearlings, you know, were kind of lighter than what we 8 would normally expect and so we're keeping an eye on 9 that. The reason why it's specifically female 10 yearlings is because those are the animals that we're 11 targeting and collaring, known aged females that we can

track through time and get an idea of productivity. 12 13 They're kind of the engine behind the herd in the long 14 run so that's why we weigh those animals specifically. 15 16 As I said before, we collected fecal 17 samples, looked for parasites, hair to kind of look for 18 a variety of different hormonal type things and then 19 some blood samples and nasal swabs for looking for 20 disease. We're still kind of waiting on some of those 21 results back from the blood samples, but there's some 22 information that I could share in some detail later 23 about those fecal samples and the parasite things. 24 Nothing too alarming there but we're still kind of ..... 25 26 (Teleconference interference -27 participants not muted) 28 29 MS. DAGGETT: .....that's kind of a 30 relatively recent thing that we've been looking at in 31 more detail so. 32 33 Are there any questions about the 34 Teshekpuk caribou information that I've shared here so 35 far before we get into moose? 36 37 CHAIRMAN BROWER: Any questions for 38 Carmen on the caribou. I do have one, it says WACH 39 caribou Western Arctic Caribou Herd on the information 40 you're sharing but you're talking about Teshekpuk Herd, 41 are they one in the same? 42 43 MS. DAGGETT: So the information that I 44 just provided is all Teshekpuk information. So maybe 45 this would be a -- I don't know if you want to talk 46 about Western Arctic Herd stuff right now, we can, but 47 the information that I just shared is information that 48 Fish and Game has gathered on Teshekpuk caribou only. 49 50 0150 1 CHAIRMAN BROWER: Okay. So maybe the flier that has your emblem on it, WACH, maybe that's an 2 3 error in the print -- in the information that you're sharing. It's all the right numbers and everything 4 5 you're saying but right at the top, right above that it 6 says WACH caribou. 7 8 MS. DAGGETT: Yeah, I'm not looking at 9 the specific thing that you got sent but I'm pretty 10 sure that the one that I sent doesn't have that on top 11 of it. But either way, you know, I understand that confusion and..... 12 13 14 CHAIRMAN BROWER: Okay.

15 16 MS. DAGGETT: ..... I guess I just want 17 to be specific that it's -- the information I just 18 provided is just Teshekpuk animals, it's not Western 19 Arctic animal information. 20 21 So if you want Western Arctic 22 information, you know, I said earlier that maybe Kyle 23 would be good to talk about that for right now. 24 25 CHAIRMAN BROWER: Right. I mean I 26 wasn't questioning the need to get Western Arctic 27 information, just the follow along that I'm following 28 has all the right information, everything you're saying 29 but it just says right at the top, this is the WACH 30 caribou that you're talking about. 31 32 MS. PATTON: Hi, Gordon, this is..... 33 34 MS. DAGGETT: Okay. Yeah, I apologize 35 for that. 36 37 MS. PATTON: This is Eva. And that might be a file labeling error on my part because I 38 39 relabeled all the files so that I could organize them 40 in the correct order for the Council. So that might be 41 my file labeling error. 42 43 CHAIRMAN BROWER: Okay. I just wanted 44 to make sure we're talking about the right one here. 45 But, anyway, it was good information. 46 47 I do have a question if the Council 48 don't have any additional questions. 49 50 0151 1 (No comments) 2 3 CHAIRMAN BROWER: In terms of some of 4 the concerns that we hear periodically about getting 5 sick animals, in particular near Nuiqsut, I'm wondering 6 how that information gets filtered to you, if at all, 7 or if that's information shared between the local residents, the North Slope Borough Wildlife Department 8 9 and/or ADF&G. Can you elaborate a little bit about 10 this. Because I keep hearing, periodically about, you 11 know, sick animals, you know, caribou sometimes -- you 12 know, we harvest them and we're opportunistic and 13 sometimes the slow ones get left behind and sometimes 14 those are weeded out by wolves and predators and things 15 like that and sometimes we might be the recipient of 16 that kind of a catch. So can you talk a little bit 17 about that, from your experience.

18 19 MS. DAGGETT: Sure, that's a great 20 question, Gordon. Thanks for that. So we -- I haven't 21 specifically been contacted about any sick animals in 22 Nuigsut recently. That being said, you know, I would 23 really -- it would be beneficial, mutually beneficial 24 to share that information between the North Slope 25 Borough Wildlife Department and Fish and Game. It 26 seems that some hunters are more comfortable contacting 27 the North Slope Borough Wildlife Department, and that's 28 fine, however, it is helpful for us to also work 29 together to share that information with the public and 30 I think hunters can certainly always, and we encourage them to take pictures, send samples if they're willing, 31 32 of those animals to Fish and Game so that we can help 33 figure out why those animals are sick and what they're 34 sick with. 35 36 So I would encourage hunters to work 37 with both entities and certainly we need to work 38 together, the North Slope Borough Wildlife Department 39 and Fish and Game to help address those issues. 40 41 I was curious if there was anything, in 42 particular, that you a re aware of as far as sick 43 animals in Nuigsut that people are seeing, if there's 44 anything specific that you, you know, you've heard 45 about, Gordon. I would be interested to know anything 46 that people are seeing and help address those issues as 47 long as they're willing to communicate with me about 48 those things. 49 50 0152 1 (Pause) 2 3 MS. DAGGETT: So anything specific, 4 Gordon, that you heard? 5 6 CHAIRMAN BROWER: I'm sorry, I was 7 talking and I was on mute, and I apologize here. 8 9 MS. DAGGETT: Everybody gets caught. 10 11 CHAIRMAN BROWER: Yeah, we forgot to 12 press the red button. Anyway, yeah, in particular, I think there's some -- you know, from our representative 13 14 out of Nuigsut, Martha Itta, I've heard it from Martha 15 about sick caribous that are being caught. But I think 16 the majority of them are pretty healthy, but there have 17 been some concerns about sick caribous, especially when 18 we're having hearings about development and stuff like 19 that. I keep hearing about sick caribou around 20 infrastructure and I just want to -- since you're here

and we're talking about the Teshekpuk Herd, which this 21 22 will probably be representative of that herd. I'm not 23 in particular knowing what particular sickness that's 24 showing up and I'm not too sure if they shared that 25 information with wildlife or a particular hunter 26 provided samples or anything like that. I'm just 27 wondering, you know, ADF&G being the preeminent caribou 28 monitoring and health-wise and things, that some things 29 like that would get filtered to you, either through the 30 Wildlife Department or from local hunters. 31 32 I did have some caribou last year that 33 I personally was given from my nephews and then later 34 on several hours later, you know, discovered there was 35 living and moving little things inside the meat, you 36 know, like within the muscle strands and I'm not 37 exactly sure what that was and little black dot looking 38 things in the meat. But that was last year, or the 39 year before that. 40 41 But during some of our engagements with 42 Nuiqsut I keep hearing about sickly animals around the 43 industrial area. 44 45 So I don't have any in particular about 46 what it's about or what it was because I haven't seen a 47 sample, only that it was expressed. 48 49 MS. DAGGETT: That's really helpful 50 0153 1 information, thank you, Gordon. And I had not heard that before so I'm really glad that you shared that. 2 3 And I can follow-up with Martha Itta on that and see if 4 any samples were collected. I actually have an 5 appointment to talk with Rafiella, the vet over at the 6 Borough anyways about just caribou related issues so I 7 can bring that up with her too and see if she has heard 8 anything but I'll try to follow-up with that and get 9 some more information. 10 11 CHAIRMAN BROWER: That's all I wanted 12 to provide. 13 14 Any other questions for Carmen on the 15 caribou. 16 17 MR. OOMITTUK: Yeah, this is Steve in 18 Point Hope. 19 20 CHAIRMAN BROWER: Go ahead, Steve. 21 22 MR. OOMITTUK: I had stepped away for a 23 few minutes and yeah. I don't know if I heard you

24 mention -- maybe at the beginning, that you didn't have 25 much on the Western Arctic Caribou Herd information, is 26 there knowledge of it? 27 28 MS. DAGGETT: Mr. Chair. 29 30 CHAIRMAN BROWER: Carmen. 31 32 MS. DAGGETT: So I think, you know, 33 Kyle Joly is on the line and he works with the Western 34 Arctic Caribou Herd quite a bit, I think even more than 35 I do and so I was going to let him provide a little bit 36 of summary perhaps of where we're at with the Western 37 Arctic Herd right now and if he's willing to do that. 38 I just, you know, normally Alex Hanson would be the one 39 that would do that, he's our Western Arctic Caribou 40 Herd biologist out of Kotzebue and I don't know if he's 41 on the line today or not but either or those two people 42 are far more knowledgeable about the specifics of where 43 that herd is right now. So it would be more 44 appropriate probably for them to talk about it. 45 46 MR. OOMITTUK: You know the communities 47 that depend -- you know, out of curiosity I was just 48 wondering, you know, the Western Arctic Caribou Herd 49 covers a lot of ground, you know, from North Slope, 50 0154 1 Northwest Arctic Borough and further down, do you know 2 how many communities the Western Arctic Caribou Herd 3 supplies, Fish and Game or anybody, Wildlife, can, you 4 know, answer the Western Arctic -- you know, it's the 5 largest caribou herd within the state and it covers a 6 lot of ground. And the concern in a lot of the 7 communities, even further south, when they had the 8 Western Arctic Caribou Herd Working Group workshop in 9 December, you know, there was a lot of concerns of the 10 population and, you know, and it's still at a low 11 number, you know, it's below half of what it used to be 12 at one time and there's still a lot of concerns, you 13 know, and this Western Arctic Caribou Herd is vital to 14 a lot of our communities, not just for the North Slope, 15 but in the Northwest Arctic Borough and further down. You know I was just wondering how many communities does 16 17 this Western Arctic Caribou Herd actually provide food on the table for. Because a majority of the 18 19 subsistence hunters rely on this herd, you know, Point 20 Hope, we're very fortunate that we live right on the 21 ocean and we have other food sources but, you know, we 22 still rely on caribou, you know, as a source of meat to 23 put on the table. A majority of our food is out in the 24 ocean but, you know, and I -- I think they had said 25 that the population estimate is about 240,000 and 26 that's still under half of what it used to be at one

time and there's still a lot of concerns of, you know, 27 the migration route being changed by non-residents or 28 29 sporthunters that get dropped off in front of the herd 30 before they come down to -- you know, when they're 31 migrating south to the other outlying villages, 32 especially in the Northwest Arctic Borough and Point 33 Hope area, Unit 23. 34 35 Do you know the migration route or what 36 the Western Arctic Caribou Herd covers and how many 37 villages that it actually supplies for and for a 38 population of 230,000 or 240,000 an estimated number, 39 at one time it was 250,000, I mean 500,000. Can you 40 give us a little more information because this -- we're 41 still concerned. 42 43 This is the first time in years that 44 the Point Hope people are actually catching caribou 45 just a few miles out of town. There's actually one 46 just in town last week, a few days ago, and some just 47 three, four miles out, some over at the point by the 48 airport. And -- and, you know, they're not going 50, 49 60 miles to catch caribou like they had to a few years 50 0155 1 back. We're finally actually seeing them, even though the numbers are still low but it seems like they're 2 3 finally migrating back into their natural migration 4 area and spending some of their winters there. But we 5 still have concerns of the population. And what 6 exactly does the Western Arctic Caribou Herd supply to 7 communities and then covers a wide range, you know, not 8 just within the North Slope area, but it goes quite a 9 ways south. 10 11 MR. JOLY: Mr. Chairman, this is Kyle 12 Joly. 13 14 CHAIRMAN BROWER: Go ahead, Kyle. 15 16 MR. JOLY: Yeah. If I may. The Western 17 Arctic Herd, when it goes to its full distribution is 18 accessed by villages, 40 different villages throughout 19 northern and western Alaska ranging as far south as 20 Unalakleet out on to the Seward Peninsula, but also as 21 far east as Bettles and Evansville as well as all the 22 North Slope villages. 23 24 The population reached a high in 2003 25 of 490,000 caribou and it's been on a fairly steady 26 decline since 2003. It was 259,000 back in 2017. The 27 most recent estimate that Fish and Game conducted was 28 in 2019 and that was 244,000 animals. 29

30 MR. OOMITTUK: And just out of 31 curiosity, what was the estimate lowest population in 32 the recent years? What exactly is the lowest 33 population at one time? It's my understanding it was 34 under 200,000. 35 36 MR. JOLY: Through the Chair. This is 37 Kyle Joly with the Park Service again. 38 39 So there was an estimate back in 2016 40 that was 201,000 animals and so that's the lowest that 41 has been reported since 1986. So the only time it's 42 been below that was 1982 would be the previous time 43 that it reached lower than 200,000. 44 45 Between 2016 and 2017 there was a 46 population increase in the estimate from 201,000 to 47 259,000 but part of that was probably attributable to a change in methodology. So back in 2016 and all the 48 49 previous surveys, the work was done with print 50 0156 1 photography, so old school, you'd get film, you get it 2 developed, you'd print out a hard copy and then you'd count the caribou on the actual photos. And then in 3 4 2017 Department of Fish and Game switched over to 5 digital photography and the resolution of that camera 6 was better and so it's hard to directly compare the 7 2016 and 2017 estimates because the technology's a 8 little bit different. So some of that increase may 9 have been just due to better photography and easier to 10 count calves in particular. 11 12 Does that help? 13 14 MR. OOMITTUK: Now, when you say the 15 population, an estimate population, you're talking 16 10,000 less or 10,000 more so at the lowest 201,000 so 17 it could have been 191,000 or 221,000? 18 19 MR. JOLY: Yeah, through the Chair. 20 This is Kyle Joly again. Yeah, every census has a 21 little bit of estimation in it so a little bit of 22 variability so, yeah, it's probably not exactly 23 201,000, it could be a little bit less, a little bit 24 more, and that variability changes from census to 25 census. So it depends on how well the animals are 26 clumped together and if there was full resolution in 27 the photography and things like that. 28 29 MR. OOMITTUK: And the other question, 30 you know, I know you guys monitor maybe the harvest or 31 what you're allowed to harvest daily or, you know, the 32 Western Arctic Caribou Herd, out of those 40 villages,

what's the estimate harvest of all these communities on 33 34 a yearly basis. 35 36 MR. JOLY: Through the Chair again. 37 This is Kyle Joly. So we don't have a solid estimate what the harvest is but we have an approximation. We 38 think it's about 12,000 animals a year that are 39 40 harvested. And, again, that's -- it will change from 41 year to year depending on how close the herd gets to 42 different villages. But we think that the harvest is 43 fairly steady. People have a set amount of caribou that 44 they're looking to get and they try to get them. But 45 some years when the herd doesn't go to some villages, 46 those villages will have lower harvest and that can 47 impact the total annual harvest rate. 48 49 MR. OOMITTUK: And I saw in one of the 50 0157 1 reports on the Western Arctic Caribou Herd, the number 2 of calves being born and the rise of the population, at 3 what percent is actually -- what -- I mean what's the 4 count on the last 10 years, how high is the yearly, you 5 know, the population has gone up on the Western Arctic Caribou Herd, is it -- is it right on the -- over 6 7 12,000 what is harvested, what is it -- is it 20,000 8 and climbing or..... 9 10 MR. JOLY: This is Kyle Joly again. We 11 don't have real precise estimates on harvest and so, 12 you know, Fish and Game does estimates on the harvest 13 and that's about 12,000 a year and it doesn't really 14 vary all that much because people are looking to get a 15 set number of caribou so there isn't a -- just recently 16 there was a permit (indiscernible) setup for this 17 harvest and so we're looking to improve the estimation of the harvest but right now it's a fairly course 18 19 estimate and we don't think it varies all that much. 20 21 MR. OOMITTUK: Yes. And, you know, 22 there's the -- the Northwest Arctic Borough is our 23 neighbors here and they rely on the Western Arctic 24 Caribou Herd also which is Unit 23, and especially the 25 migration of the herd and it has changed quite a bit in 26 the last 20 years. Sometimes it doesn't get to some of 27 the villages. In Kotzebue area and further south from 28 Noatak or Kiana, you know, it depends on, you know --29 you know, especially hunters or sporthunters that get 30 dropped off by the Kelly, above the Noatak River, up 31 into Federal lands within the North Slope Borough and 32 in the last 20 year a big change of the migration of 33 the Western Arctic Caribou Herd, especially with the 34 declining numbers of the herd to more than half of what it used to be at one time. And, you know, for those 35

36 communities to harvest and depend on the caribou, you 37 know, yearly, and there was a lot of concerns of the 38 population that had dropped so suddenly and the 39 temperatures and, you know, the environment that -- you 40 know, especially when it rains in January and February 41 and freezes the ground and the caribou have a hard time 42 harvesting their food -- their food source that's under 43 the snow because it's solid ice and at one time there 44 was a big -- there's a lot of caribou died of 45 starvation in the cold -- you know, January and 46 February is the coldest time of the year. And we see 47 an abundance of predators, the high number of wolves, 48 wolverines, we're seeing more lynx within our areas, 49 you know, and we're very concerned of, you know, 50 0158 providing -- a lot of them are concerned, you know, are 1 2 they going to be able to provide food on the table 3 because of the high cost of living and, you know, the 4 high cost of fuel to go hunting and going further east or further north just to harvest caribou to put food on 5 6 the table. And when you live in a high cost area 7 that's -- everything is so expensive, you know, 8 especially freight, if you're trying to, you know, a lot of our communities still rely on our subsistence 9 10 food sources and are very concerned that, you know, 11 they need to put food on their table for their family. 12 Our population of our communities are growing. 13 14 So, you know, and that's why they want 15 to submit certain proposals to ensure the herd 16 population is climbing and that we are able to put food 17 on the table in the future. 18 19 CHAIRMAN BROWER: Thank you, Steve. 20 21 So Carmen, were you done with the 22 Teshekpuk Herd numbers? 23 24 MS. DAGGETT: Yes, Mr. Chair. Unless 25 there's any further questions regarding Teshekpuk 26 animals. And thank you for your comments, Steve. It's 27 interesting to hear that you guys have been able to get 28 some caribou over by Point Hope and hear your concerns 29 regarding distribution and population size. It's 30 really important to keep hearing from you guys in the 31 communities and hear how you're doing. 32 33 I don't know, this year, in particular, 34 is difficult -- or this last year, because our travel 35 was restricted because of Covid along with everybody 36 else's and so getting out to villages to hear from 37 people directly was pretty inhibited. And so these 38 meetings are really helpful to hear what's happening on

39 the ground, even more so, and so I'm really grateful 40 that you're willing to share all that information. 41 42 Thank you. 43 44 CHAIRMAN BROWER: All right. 45 46 MR. OOMITTUK: Thank you. And, you 47 know, I -- you know, when we were talking yesterday in 48 our meeting and you were not here and there was some 49 proposals that I was asked to submit in a form of a 50 0159 1 motion but we wanted to hear information from you and those informations that we wanted to know you couldn't 2 3 answer today for us. I didn't see no report. A very small report on the Western Arctic Caribou Herd, and 4 5 especially population numbers. But, you know, these -this food source is very vital to us and it's still a 6 7 big concern. And we're very fortunate that, you know, the caribou migration routes are finally coming back 8 9 into our area again after so many years. I don't know 10 how often, you know, you, Carmen, you cover the North 11 Slope area, and is that a -- you're talking 90,000 12 square miles for one person and, you know, the Board of 13 Game or the Alaska Department of Fish and Game, you 14 know, and a wide variety of animals, you know, and to 15 have one representative that covers 90,000 square miles 16 is overwhelming. 17 18 MS. DAGGETT: Yeah, Steve, I appreciate 19 those sentiments and, you know, I want you to know that 20 just because I had Kyle talk about Western Arctic 21 Caribou Herd stuff I was -- you know, I want to make 22 sure that the numbers that are given are as specific 23 and correct as possible and -- and I wanted to pull 24 that information up, and so I pulled the information up 25 but I -- I knew Kyle would have it at his fingertips. 26 And so I wanted to give him a chance to share that 27 information because I knew that he would have it there at his fingertips and then I had it -- you know, I was 28 29 following along with information that I had too with 30 him. 31 32 So I don't want you to think that I 33 don't think the Western Arctic Herd is important, I 34 know it's vastly important. And I just listened to the 35 Northwest Arctic RAC meeting last week and they were 36 talking about, you know, that they are not seeing 37 caribou as much down there right now and they've seen 38 more Western Arctic Herd on the North Slope this year, 39 and so it's -- this year it's a little bit different and that -- you know, the Western Arctic Herd does 40 41 different things kind of every year. They kind of --

42 you know, I think there's a quote from Jim Dau 43 somewhere that says that we're experiencing the 25th 44 year of unusual caribou movement and, you know, he was 45 the long-term Western Arctic Caribou Herd biologist for 46 a long time. And so, you know, I think that just demonstrates that caribou do a lot of different things 47 48 for lots of different reasons and it can be difficult 49 to predict what they're going to do. And that being 50 0160 1 said, you know, villages kind of just have to deal with 2 what the caribou do that year and try to do the best they can in putting food in their freezers. 3 4 5 So, you know, I know it's challenging 6 and I think -- you know, appreciate hearing from you, 7 Steve, so thanks so much for your comments. 8 9 If there's any other questions 10 regarding caribou stuff we can do that or we can move 11 on to moose stuff, it's up to you guys. 12 13 CHAIRMAN BROWER: Thank you, Carmen. 14 Any other questions for Carmen from the Council on 15 Teshekpuk Herd -- well, what's the estimated population 16 right now and that's one thing I think we were wanting 17 to learn more about, the population size. I see a 18 flier for the Central Arctic Herd update for 2019, a 19 population of 30,000. 20 21 MS. DAGGETT: Uh-huh. 22 23 CHAIRMAN BROWER: And then some other 24 mortality stuff. 25 26 MS. DAGGETT: Yeah. So that's a good 27 point, Gordon. I didn't include that on here and I 28 should have. So the most recent count was done in 2017 29 for Teshekpuk Herd and it was 56,000 animals is the estimate. And we tried to do one last year and the 30 year before, unfortunately the weather has not really 31 32 given us the conditions we need to do a photo census in 33 recent years. 34 35 As you all know, the summer -- last 36 summer was quite cool, you know, being in the 30s and 37 40s and so those temperatures don't really generate the 38 amount of bugs and I'm sure a lot of you noticed that 39 the insects last summer weren't really around too much 40 and that just means that they're not driving caribou 41 together and creating those conditions that we really 42 use to do that photo census. So, you know, we'll try 43 again this year to get that photo census -- we kind of 44 try every year that we can to do that and we'll see if

we can get you an estimate. But it just -- yeah, we 45 46 just need those ideal conditions to do that photo 47 census and try to get the best accurate count that we 48 can. 49 50 0161 1 So does that answer your question, 2 Gordon. 3 4 CHAIRMAN BROWER: Yeah. Yeah, I mean, 5 you know, 2017's already, what, four years ago now. 6 7 MS. DAGGETT: Yeah. Yep. I know, it's 8 We probably have some of the coolest tricky. 9 conditions up here, which is why the caribou like being up here during the summer and they don't get harassed 10 11 by bugs as much but it means that it's a little bit 12 more challenging to get a good photo census sometimes 13 so we do the best that we can given the conditions that 14 the weather provides us so. 15 16 CHAIRMAN BROWER: Just one other 17 question is, some time ago you were -- some 18 presentations about switching from regular photos to 19 digital photos..... 20 21 MS. DAGGETT: Uh-huh. 22 23 CHAIRMAN BROWER: .....is there a 24 difference in conditions that favor the use of the new 25 way or.... 26 27 MS. DAGGETT: Yeah, so that's a great 28 question. I think the new digital photography allows 29 us to be able to take photos in a wider array of light 30 conditions and so that really gives us more 31 flexibility, you know, as far as time of day that we 32 take photos and dealing with shadows and that sort of 33 stuff. You know I had the fortunate experience of 34 counting caribou pictures that were, you know, printed 35 pictures like Kyle was talking about and then also 36 doing it, you know, on the digital format and you can 37 certainly see things far better in the digital 38 photographs and you can zoom in and it certainly 39 provides a higher quality to work off of and as a 40 result I think that there -- you know, it's possible 41 that there could be some -- increase in numbers just 42 because the quality of the images are better. So I 43 think, you know, that there's certainly some advantages 44 from digital photography, you know, in the environment 45 and then also in the images themselves and getting good 46 information from them. 47

48 So does that answer your question? 49 50 0162 CHAIRMAN BROWER: Yeah, I mean, you 1 2 know, that new way was going to be -- sounded like it 3 was going to be promising and more accurate and if 4 there are other means of interpreting that like through 5 GIS, you know, I worked in GIS back in the '90s and how 6 you could identify certain areas by GIS means, it would 7 be good to try to experiment on how digital data like 8 that could be inserted into a GIS format and then 9 calculate it from there to count the number of little 10 digital ticks and it might be important to try to experiment how our tekkies can use that information to 11 12 expedite how -- what you have on the ground. 13 14 I mean, you know, the North Slope 15 Borough GIS is very advanced nowadays and we try to use 16 the latest tools including lidar and other things with 17 USGS to look at topography and other things like that. 18 19 So I'm not sure if you've looked at how 20 to connect GIS with the digital photographing. 21 22 MS. DAGGETT: Thank you, Gordon. Yeah, 23 so we're certainly -- the images that we are using are 24 connected with GIS. They're generated and created through using the GIS programs. So, you know, it's 25 26 certainly something that's already incorporated. And I 27 think you're alluding to using like an automated count 28 system and we're certainly experimenting with those 29 options, too, you know, Nathan Pamprin (ph), is kind of 30 our photo census guru out of Fairbanks and he has been 31 working really hard to improve those systems and super 32 talented with things and has made vast improvements in 33 the last several years as he's been working on this 34 project. 35 36 So it's certainly something that we're 37 looking in to and continuing to work on but it takes a 38 while to sort through and test and -- and verify and --39 and make sure that automated counting stuff is accurate 40 and -- and until we can do that we'll continue to use 41 the method of counting digitally and -- and doing it, 42 you know, by having -- just look at the images -- the 43 digital images on a computer and -- and counting them 44 manually until we can really have a lot of confidence 45 in that automated counting system. But it's something 46 we're certainly looking at. 47 48 CHAIRMAN BROWER: Well, I think it's 49 important because you're counting, it seems to get 50

1 dated pretty quick, and then we use dated material to do a lot of different things. And I think it would be 2 3 prudent to have a mirror -- I would love to take on the 4 challenge of collecting your dated digital information, 5 have a meeting with our GIS at the North Slope Borough and then, you know, discuss how that information can be 6 7 automated calculated. Because I remember -- one of my professions in my past lives was a topographer, I 8 9 worked with products and worked with the programming 10 language to develop how maps can be manipulated and 11 what's on top of the topography and to be able to 12 detect archeological sites and things like that back in 13 the '90s. And I think this is an area where we should 14 work together on the Slope where there's -- where 15 there's a willingness, including using the schools -and I think it would strike an interest to work with 16 17 the schools about monitoring. I could remember a few 18 years ago where students in Nuiqsut were following 19 caribou and their movements and tracking the migration 20 and movements of caribou as their school project. I 21 think these kind of things are important. 22 23 And I'd like to make specific time with 24 you and one of my divisions that I'm responsible for is 25 our GIS and, you know, when you've got another set of 26 folks working on it in Fairbanks and another set 27 working on it in the Arctic up here, and then compare 28 and see what we come up with, then your confidence 29 interval is going to start to increase because you've 30 got another set of eyes on it and I think that's 31 important. 32 33 MS. DAGGETT: Yeah, thank you for that, 34 Gordon. I'll certainly mention that to our Staff that 35 work on these photo census and explain your offer and we can see how we can join forces there. So we'll have 36 37 to see about having a meeting about that at some point 38 in the future. How does that sound? 39 40 CHAIRMAN BROWER: Yeah, I think that's 41 going to be fantastic. And I think our GIS group, they 42 would be able to tell us, you know, what their 43 capabilities are and probably make a special project 44 our of it. 45 46 MS. DAGGETT: Okay. 47 48 CHAIRMAN BROWER: Any other questions 49 for Carmen on the Teshekpuk Herd? 50 0164 1 MR. OOMITTUK: Mr. Chair, this is 2 Steve. So we're going to go down each proposal and if

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there's something that Carmen can answer that we tabled 3 4 from yesterday so right now we're on the Teshekpuk 5 Herd, so -- because I have other questions on certain 6 proposals. 7 8 CHAIRMAN BROWER: Yeah. We're going to 9 just finish our update and then go to the proposals 10 from there if that's -- it seems like that's what we were trending to last night, to hear a little bit about 11 12 what the caribous doing, what the moose is doing, and 13 there's some proposals on muskox and things like that. 14 And I thought that was what we were agreeing to 15 yesterday and then we'll go directly to the proposals 16 at that point. 17 18 MR. OOMITTUK: I have, you know, on a 19 lot of these caribou surveys or what -- do they do 20 local hire from within the communities to help out in a 21 certain area? You know we do have a Wildlife 22 Department in the Native Village of Point Hope and 23 also, you know, we have -- also the North Slope Borough 24 that represents, a young guy, I think Michael Tagarook, Jr., who works for the Wildlife for the North Slope 25 26 Borough here in Point Hope, when they do the surveys -when they do the surveys, do they utilize local people 27 28 to help out on some of these surveys, especially within 29 the Western Arctic Caribou Herd? 30 31 MS. DAGGETT: Mr. Chair. Or through 32 the Chair to Steve Oomittuk. 33 34 CHAIRMAN BROWER: Yeah, go ahead. 35 MS. DAGGETT: So Steve that's a great 36 37 question. So I guess for the photo census, in 38 particular, usually we have a small crew of people that 39 go spend some time out at Eagle Creek and, you know, my 40 -- my time with the Department, we have not had people from Point Hope out there. But that's not saying that 41 42 that couldn't be done or that it hasn't been done in 43 the past. I guess I feel like I need to, you know, say 44 that, you know, I've been working with the Department 45 for awhile but not -- not, you know, as long as some people have and so I'm not sure if they've done that in 46 47 the past or not. But I've only helped with one Western 48 Arctic photo census, so I feel like my breadth of 49 knowledge in that particular department is somewhat 50 0165 1 limited. 2 3 That being said, if, you know, 4 searching for connections and community involvement in 5 a system of projects and those types of things, it's

certainly something the Department continues to kind of 6 7 work towards. I think it's really -- using Gordon's word, prudent, to do that. And I feel like, you know, 8 9 one thing that we do encourage is local people to help 10 with being vendors and trying to get information out to the communities and, you know, I think that that's one 11 12 way that we can really work together that already 13 exists. 14 15 That being said, there's room for 16 improvement there. And -- and so, you know, in the 17 future I think we can work towards some of those 18 things. So thanks for your question, Steve, and it's 19 something that I think we should, yeah, work more 20 towards, for sure. 21 22 MR. OOMITTUK: Thank you. Because, you know, not just surveying but, you know, when they do 23 24 collar caribou or stuff like that. I know they do 25 collar caribou, I think they utilize students also 26 during the summer when they collar Western Arctic 27 Caribou Herd, you know, I -- I understand that they do 28 collar some in the winter now in March -- sometime in 29 March. It would be a good experience for either our --30 for some of our local hunters or -- but I know they do 31 it in they Northwest Arctic Borough area and up in the 32 Noatak -- on -- in the falltime or summertime until the 33 migration in the past -- but utilizing local knowledge, 34 you know, the migration route areas where caribou are 35 usually in abundance if they need to collar something 36 -- certain caribou to keep track of them. 37 38 MS. DAGGETT: Yeah, that's -- that's a 39 fair point, Steve. And you kind of alluded to 40 collaring and people being involved with collaring in 41 the past, it's certainly something that we were able to 42 do at Onion Portage and get students involved there. 43 And it was kind of a long-term collaring project that 44 occurred at Onion for several years. But as you 45 alluded to, that has created some challenges because 46 the caribou haven't been moving through that area as 47 much during the time period where it's boatable. And 48 so, you know, we've really had to adapt the collaring 49 program for the Western Arctic Herd moving to a 50 0166 1 different platform which is a little bit more limiting. 2 You know -- you know having been doing captures and the 3 way that they're changing over to, there's kind of a 4 limited number of people that can be in a helicopter at 5 a time and it's kind of a little bit more challenging to do that. But -- but there -- there might be some 6 7 ways to -- but I'll mention that to Alex Hanson that, you know, you'd expressed interest in that and -- and 8

9 see if there's some way to incorporate local people 10 into that program. 11 12 But that's some discussions that need 13 to kind of be had. So thanks for bringing it up. 14 15 MR. OOMITTUK: Thank you. You know, 16 when they do -- one more question, especially on the 17 caribou, when they do surveys whether it's on land or aerial photographs, you know, how closely do the 18 19 numbers match. Do they do surveys on the visual count, 20 actually on the ground or in certain times of the year, 21 do they do counts, you know, at different times, 22 whether it's aerial photo or ground surveys, and actually look at the numbers. They might estimate the 23 24 numbers that come through the normal migration, do they 25 do that kind of surveys and if they do, how close do 26 these numbers match with the herd, not just the Western 27 Arctic, but the Teshekpuk Herd and the other herd, the 28 Western. 29 30 MS. DAGGETT: Through the Chair to 31 Steve Oomittuk. So that's a great question, Steve. We 32 aren't really doing ground surveys with the caribou 33 herds. All of our surveys are done largely from the 34 air, and it's -- because of the amount of area that you 35 really have to cover, the amount of landscape that the 36 Western Arctic Herd, you know, is found and the 37 Teshekpuk Herd, too, you really got to cover a huge 38 amount of area in a short period of time in order to 39 get a good count. And so that really lends itself to 40 aircraft use. So, you know, on the ground counts is not something we really have been doing. And so 41 42 comparing there is not really, you know, we can't 43 really compare because there's not on the ground stuff. 44 45 And, I guess -- there was another piece 46 of your question there, just, you know, thinking about, 47 you know, just, yeah, aircraft -- using aircraft is 48 kind of where we've been out because of the amount of 49 area that needs to be covered so -- so I feel like 50 0167 1 there's another part of that question. Did I miss 2 something, Steve, can you..... 3 4 MR. OOMITTUK: Yes. 5 6 MS. DAGGETT: Was there something else 7 in there that I missed? 8 9 MR. OOMITTUK: Just one more question. You know, how much money is allocated to do surveys 10 11 and, you know, you said because of huge area you need

to cover, square foot -- you know, we have 90,000 12 square miles, you know, of animals that roam with 13 14 different herds, and, you know, to do annual surveys to 15 do -- how much money -- is it a very low number and you 16 only have enough to hire a few people to actually do 17 surveys and especially when it's vital to the 18 communities to try to get an accurate number to make 19 sure that these herds are being stable, or actually 20 declining, and getting a more accurate number. Is it a 21 funding source that you're having trouble with in 22 getting the number of people out to do these surveys in 23 certain areas. Because the Borough, it covers 90,000 24 square miles of different herds and -- and we -- we 25 would like to see, you know, I know the Borough is 26 helping out with some of these surveys, is it grants 27 that you apply for on a yearly basis to ensure that 28 these populations are being stable and not actually 29 declining and that are healthy for consumption, and 30 stuff like that. 31 32 Thank you. 33 34 MS. DAGGETT: Through the Chair to 35 Steve Oomittuk. You know, Steve, it's not really a money issue. It really has much more to do with having 36 37 the right conditions. So I mentioned before about air 38 temperature and how that impacts insects, you know, our 39 -- when we do the photo census we are usually doing it 40 the same time every year so, you know, we're looking 41 for the same timeframe where the insects are more 42 abundant and driving those caribou together in large 43 aggregations, in large groups, and that's really when 44 we, you know, try to do the photo census that's --45 that's the ideal conditions to do that. And so it's 46 not a financially driven issue. We certainly work with 47 the North Slope Borough Wildlife Department, and they 48 do help us with funding and supporting us doing work up 49 here. Brian Pearson has come out several times over the 50 0168 1 years to help doing capture work for caribou, for

2 example. And, you know, they certainly -- we certainly 3 work together with the North Slope Borough Wildlife Department to accomplish some of the survey work that 4 5 we do. And so it really is a matter of getting the 6 right conditions to drive the caribou together in 7 tight-knit groups to get good -- good images. And 8 there's kind of very specific things that we look for 9 when those aggregations come together and so if the air 10 temperature isn't warm enough and the bugs aren't out enough, and the caribou don't come together we can't 11 12 really do the photography and it doesn't really have to 13 do with money. 14

15 So I think that's a fair question, 16 Steve. But it really is just environmental conditions 17 at the time and -- and kind of being aware of those 18 conditions and -- and monitoring those conditions like 19 a hawk and they just -- the last couple of years they 20 just haven't been ideal for doing that survey. 21 22 So we'll watch it again this summer. I 23 think, you know, this summer -- this winter has been a little bit warmer -- although it doesn't seem like it 24 25 right now, but it's certainly been a warmer year 26 overall and so I'm wondering if that's going to mean 27 this summer is going to be warmer and provide better 28 conditions. So I'm hopeful for this summer and we do 29 the best that we can with the weather conditions that 30 we have. 31 32 And, so, yeah. 33 34 Does that answer your question, Steve? 35 36 MR. OOMITTUK: Thank you. And -- yes. 37 And I know that you guys -- I don't know if it's the 38 Western Arctic Caribou Herd or what -- when you do put 39 collars on certain bulls and females and calves, what's 40 the procedure if somebody catches a caribou with a 41 collar on it by accident. Because there was some local 42 hunters that were wondering. Is there a number or a 43 place where we can call to return a collar or are they 44 going to get in trouble for doing that even if it's by 45 accident. 46 47 MS. DAGGETT: Through the Chair to 48 Steve Oomittuk. That's a great question, Steve. So one, no, you're not going to get in trouble for taking 49 50 0169 caribou with a collar. There's no -- yeah, people 1 2 don't get in trouble for that. I guess getting collars 3 back, most of those collars that are out there, all of them should have a phone number on them actually. So I 4 5 know all the collars that I put out, I write the office 6 number here in Barrow on it and, you know, same thing 7 with all the rest of the caribou herds, we really like to get those collars back. We can usually get a little 8 9 bit more information off of them. And we can also 10 refurbish a lot of them and reuse them. And so if 11 people have them, we really like to get them back and, 12 you know, kind of no questions asked sort of, you know, 13 we're just really grateful to get them back from 14 people. 15 16 So if people have them, you know, it's 17 really nice if people can either contact the Fish and

Game office in Barrow or, I know sometimes we get some 18 19 back through the North Slope Borough Wildlife 20 Department. Either way is fine. We're just happy to 21 get them back so. 22 23 MR. OOMITTUK: Thank you. 24 25 MR. LIND: Thank you, Carmen. 26 27 MR. OOMITTUK: And.... 2.8 29 MR. LIND: Mr. Chair, this is Orville. 30 31 CHAIRMAN BROWER: Any other questions 32 for Carmen before we go on to the moose. 33 34 MR. LIND: Mr. Chair, I have a comment. 35 36 CHAIRMAN BROWER: Yeah, go ahead, who 37 is it? 38 39 MR. LIND: This is Orville Lind, Native 40 Liaison for the Office of Subsistence Management. 41 Camai, how are you doing, sir. 42 43 CHAIRMAN BROWER: (In Native) 44 45 MR. LIND: (In Native) Thank you. 46 Just to share some information. We've had the same 47 questions in two different regions. I think one was about three years ago when an incident happened down in 48 49 9E, so we encouraged and helped Fish and Game put a 50 0170 1 flier out when it was just the beginning of the caribou season. Just putting a flier out reminding folks if 2 3 they see a collar on a caribou, try not to harvest 4 that, but I mean if that's the only caribou out there 5 and you're going out to subsist, by all means, there's 6 no law that says you can't harvest it. So I think 7 educational fliers would be a big part of solving some 8 of this missing link. 9 10 Quyana. 11 12 CHAIRMAN BROWER: Quyanaqpak, Orville. 13 It's always good to hear from you. 14 15 All right, let's move on to the 16 next.... 17 18 MR. OOMITTUK: Yeah.... 19 20 CHAIRMAN BROWER: .....part.

22 MR. OOMITTUK: Gordon, I just got 23 a.... 24 25 MR. OOMITTUK: Did you have something 26 else.... 27 28 MR. OOMITTUK: .....comment and I --29 and I thank -- I thank you for that comment and I do 30 report to the Native Village of Point Hope and then to 31 the Wildlife -- and then that's good to know. Because 32 you know, there's some young people that thought they 33 would get in trouble and sometimes they don't take the 34 collar back home, you know, because they feel bad that 35 they might go to jail for it. But that's good to know 36 and I will let our community know that, that if they do 37 get a caribou with a collar that they are not going to 38 get in trouble. It's best that they get them back and 39 bring them back. 40 41 So, thank you. 42 43 CHAIRMAN BROWER: Very good. Very good 44 information. 45 46 Okay, Carmen, go ahead. 47 48 MS. DAGGETT: All right, thank you, Mr. 49 Chair. And thanks, Steve, for your questions. You 50 0171 1 always have really good questions. 2 3 Okay, so moving on to the moose section 4 of my little summary that I put out here for you guys. 5 So this is for the Colville moose population. So last 6 spring we did a trend survey so there's -- there's two 7 different surveys we do on the Colville, we do a trend 8 count survey which is kind of a smaller area that kind 9 of just helps us keep a pulse on what's happening and 10 then we do a minimum count, which is the whole -- all 11 the drainages of the Colville and then we try to catch 12 some of the other places, like portions of the Chip 13 River and Ikpikpuk and -- and try to get a good sense 14 of the whole population and what that's doing. 15 16 So this last spring because of Covid 17 restrictions, and -- and really restricting really my 18 ability to fly and other people, too, we just were able 19 to do the trend count survey and -- and will shoot 20 again in April to try to get that minimum count for 21 moose. 22 23 So this spring we counted 169 adults in

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24 the trend count area and 43 short yearlings, which was 25 about 20 percent yearlings, which is really good to see, although, you know, the population is definitely 26 27 low in this area right now. In the past it's been, you 28 know, up into the 1,300 moose sort of level. And I 29 should really be comparing the minimum count numbers 30 there when I say that. So the total count of moose in 31 2020, last spring, in the trend count area was 212. 32 The last time we did the minimum count was in 2017 and 33 we counted 339 moose in that minimum count. So that's 34 the number that should be compared against the, you 35 know, 1,200 to 1,300 max populations that we've counted 36 in the past. So this population's pretty low overall, 37 you know, and we're certainly -- the harvest has also 38 been relatively low, you know, I think we're harvesting 39 -- reported harvest -- about six moose a year out of this population over the last five years. So the 40 41 harvest is really low coming out of this population, 42 too, which is a good thing because if it got really 43 high it would probably be problematic. 44 45 So we're certainly, you know, trying to 46 keep good tabs on this population. And -- and try to, 47 you know, encourage people to report their moose 48 harvest. You know, I think it's really important that 49 we kind of keep tabs on how many moose are coming out 50 0172 1 of this population and people can do that by getting a 2 free general season permit right now, and so if people 3 are interested in getting moose, you know, getting that 4 reported harvest is really important. So if you know 5 if anybody that's out moose hunting try to encourage 6 them to give me a holler and have them get their moose 7 permit because we've got to keep track of that harvest. 8 9 So short yearling count in 2017 when we 10 did that minimum count was about 17.4 percent short 11 yearlings during that count. So, you know, the portion 12 of short yearlings is a little bit higher in the trend count survey but I think, you know, if we compared that 13 14 trend count survey through time, the smaller area, you 15 know, we would see that trend count area has declined quite a bit. But the short yearling counts are good. 16 17 So at least there's some hope for growth there. 18 19 But -- so is there any questions about 20 moose. 21 22 CHAIRMAN BROWER: Any.... 23 24 MS. DAGGETT: I know there's.... 25 26 CHAIRMAN BROWER: ....questions.

27 28 MS. DAGGETT: ....a couple of 29 proposals that have to deal with moose so. 30 31 CHAIRMAN BROWER: Thank you, Carmen. 32 33 MR. OOMITTUK: Yeah, this is Steve in 34 Point Hope. 35 36 CHAIRMAN BROWER: Go ahead, Steve. 37 38 MR. OOMITTUK: Yeah, you know, Unit 22 39 area, moose season doesn't open to August. You know 40 the younger generation is, you know, the older generation don't normally get moose or anything because 41 42 we don't see moose. Like I said yesterday that very often we do see moose but -- and it's usually in the 43 first part of July or end of June that the moose come 44 45 around, especially when there's forest fires and the 46 smoke. They try to get away from the smoke and when 47 it's smokey towards the east and caribou [sic] come 48 into our area but it's, you know, moose season don't 49 open until August and these caribous are -- I mean 50 0173 1 moose -- and late June or early July and in the past there's been some people that got moose because they 2 thought they had subsistence rights to harvest any 3 4 animal that comes within their jurisdiction for 5 subsistence but got in trouble and was fined and had to 6 go to court. But I just wanted to bring that out. 7 8 Thank you. 9 10 CHAIRMAN BROWER: Thank you..... 11 12 MS. DAGGETT: Through the Chair ..... 13 14 CHAIRMAN BROWER: .....Steve. 15 16 MS. DAGGETT: .....to Steve Oomittuk. 17 18 CHAIRMAN BROWER: Yeah, go ahead. 19 20 MS. DAGGETT: So you mentioned timing 21 of that hunt, Steve, and so Unit 23 has a different set 22 of regulations than 26A but if you went north a bit and 23 got into 26A, there actually is a season that opens in 24 July for you for moose and it's that -- it's that hunt 25 that we talk about every year, that antlerless moose 26 reauthorization hunt. That really would give you the 27 opportunity to hunt earlier. So, you know, if you were interested in trying to hunt moose earlier in Unit 23 28 29 that's maybe something that would be worth talking

30 about in -- in the Northwest Arctic RAC discussions or, 31 you know, even in the Advisory Committee discussions if 32 you wanted to. But in 26A, you know, going a little 33 bit further north, Steve, of you, you have some 34 opportunity there in July -- opening July 1 through 35 September 14 you can get a moose. So just so that 36 you're aware of that opportunity that that season's 37 open a little bit earlier than August 1 for you. 38 39 MR. OOMITTUK: Thank you. 40 41 MS. DAGGETT: Uh-huh. 42 CHAIRMAN BROWER: Thank you. Any other 43 44 questions on the moose for Carmen. 45 46 47 (No comments) 48 49 CHAIRMAN BROWER: I do have some 50 0174 1 questions about moose in Unit 26A. And your count is 2 -- I mean is that within the Colville River, like north of Anaktuvuk and through the Ikpikpuk area and that 3 4 swath of land going right all the way through to Unit 5 23 through Unit 26, is that the count area, that large 6 area is it a more defined area. 7 8 MS. DAGGETT: So the count area for the 9 Colville moose population is largely the Colville River 10 drainage and the affiliated tributaries and then the 11 portions around Ikpikpuk, you know, sort of area, so 12 not the Unit 23 portion. Unit 23 does their own surveys and has kind of different survey that they do 13 14 and so it does not include, you know, Unit 23 [sic], 15 really, and so I hope that answers your question. 16 17 CHAIRMAN BROWER: Okay. Yeah, it does, 18 I'm just trying to get a better understanding of the 19 count. And do you do a subset of those that are in the 20 Ikpikpuk or is that just part of the count? 21 22 MS. DAGGETT: So, yeah, I think we try to capture those animals that are off of the Colville 23 24 on the Ikpikpuk at the same time that we would do the 25 minimum count survey and I would certainly like to do 26 that this spring and just get a better sense of animals 27 that are either, you know, growing, expanding, changing 28 through time. And so, you know, I think it's important 29 to include those populations even though they might be 30 kind of, you know, a small portion of the overall 31 population. So I think we'll try to include those. 32

33 Thanks, Gordon. 34 35 CHAIRMAN BROWER: Uh-huh. All right. 36 You know, I've always tried to wonder why, you know, 37 moose and this area, when there's proposals going on, why West 156 -- west longitude and excluding the 38 39 Colville River drainage must be reauthorized annually 40 or if there's a -- you know, why, the reasoning to go 41 West 156, what -- do you have any history regarding why 42 that longitude is used? 43 44 MS. DAGGETT: Yeah. So, you know, I 45 certainly have talked with Geoff a lot about it and I 46 know Taqulik kind of brought it up the last time there 47 was an AC meeting too. And, you know, my 48 understanding, first of all, is that there was a 49 proposal that was submitted years ago through a 50 0175 1 statute, it's a statutory requirement that we review 2 the antlerless moose, reauthorization of brown bear 3 take, the exemption's so that's why they keep coming up 4 because the Board of Game is required to review those 5 every year. 6 7 But I -- as far as the history of it, 8 my understanding is that they're trying to protect the 9 breeding population of moose in the area so as I alluded to before, the moose population is pretty low, 10 11 and, you know, the antlerless moose hunt would allow 12 people to be able to take both bulls and cows, and cows 13 are the engine behind the growth of the population of 14 animals. So if you, you know, are able to hunt cow 15 moose out of a population in most situations that is 16 something that would be made available in populations 17 that are really high in numbers because the female 18 would be, you know, providing the young to increase the 19 population, right. So, you know, right now we're in a 20 state where the moose population is low and so, you 21 know, that -- protecting cows is important. So when 22 that regulation was put in place it was meant to 23 provide some opportunity for people to be able to 24 harvest. Now, my understanding, after having extensive 25 conversations with people that helped create that 26 boundary to begin with, is that, it was meant to 27 protect animals that were in the breeding populations 28 in the Ikpikpuk, in the Chipp, and then also in the 29 Colville, and anything west of that, from my 30 understanding, having those conversations, is that, 31 west of 156, which is in line with the Topagoruk River 32 is really -- you kind of get into an area where there's 33 not really the breeding population of moose anymore, 34 that those animals are really migrant, slowly moving 35 through those areas and it's meant to provide some

36 opportunity for those moose that might wander out of, 37 you know, the normal breeding population area. And, 38 you know, we had one that was harvested this last year 39 during the summer. There was a gentleman up in Barrow 40 that was able to harvest a moose and then as I was 41 talking to Steve he mentioned that there was that 42 capacity to be able to hunt a little bit earlier in the 43 year and have the capacity to be able to harvest, you 44 know, an antlerless moose over there. However, during the general season and overall we try to -- it's best 45 46 when the population is low to protect cows and the 47 breeding population of the Colville because the 48 population -- we want to urge it to grow. 49 50 0176 1 So does that answer your question? 2 3 CHAIRMAN BROWER: Well, you know, a lot 4 of speculation in my part, I guess, but trying to figure why 156 and, yeah, it's just -- it's starting to 5 6 pop up again with a muskox proposal about 156, 7 somewhere I was reading that, Unit 26A. 8 9 MS. DAGGETT: Yeah. 10 11 CHAIRMAN BROWER: And..... 12 13 MS. DAGGETT: Uh-huh. 14 15 CHAIRMAN BROWER: .....using open hunt, 16 that portion of Unit 26A west of Topagoruk, following 17 West 156 out to Unit 26A. Anyway, those..... 18 19 MS. DAGGETT: Well.... 20 21 CHAIRMAN BROWER: .....were my 22 concerns. I'm going to take a phone call real quick. 23 24 MS. DAGGETT: Sure. 25 26 CHAIRMAN BROWER: Steve, can you take 27 it a quick second. 28 29 MR. OOMITTUK: What was that, Gordon, I 30 didn't quite hear what you said. 31 32 MS. DAGGETT: Steve, he asked the Vice 33 Chair to take the reins. 34 35 MR. OOMITTUK: I'm not Vice Chair 36 anymore, I'm.... 37 38 REPORTER: Eva.

39 40 MS. PATTON: I Steve, thank you. And, 41 yes, Carmen, just yesterday Wanda Kippi was elected as 42 Vice Chair. Are you still with us Wanda, I know this 43 was right around the timeframe she was helping her kids 44 get off to school. 45 46 MS. KIPPI: Yes I'm still here Carmen 47 -- I mean Eva. 48 49 MS. PATTON: Thank you, Wanda. So it 50 0177 1 sounded like Gordon got his guestions answered there for discussing moose and then there was one more update 2 3 on the report from Carmen, muskox, and then the Council 4 was going to get back to the special action request and 5 discussion of Federal subsistence proposals that had gotten deferred from yesterday to get more information. 6 7 So that's where we're at on the agenda. 8 9 MS. KIPPI: Do we have any more 10 questions for Carmen. 11 12 MR. OOMITTUK: Yes, this is Steve in 13 Point Hope. 14 15 MS. KIPPI: Go ahead, Steven. 16 17 MR. OOMITTUK: Yeah, and this is on the 18 muskox within the Unit 23. We know that the population 19 of muskox has risen quite a bit and they are within our 20 area pretty much year-round and we have no harvest 21 numbers for muskox. And muskox are edible to the 22 community, you know, and they ate them once before and 23 they still eat them, you know, and the numbers -- the 24 numbers that are increasing kind of keep the caribou 25 here year-round and especially in the falltime also and 26 they -- some are around the area where our berries are 27 in abundance in August and a lot of our elderly and 28 young people pick berries, and the ladies that pick 29 berries in a certain area where the berries are 30 abundant is where the muskox spend a lot of their time 31 and kind of hard for the ladies to be out there by 32 themselves especially with their children and it's kind 33 of dangerous and they wanted to start harvesting muskox 34 because the number of muskox that are growing. And 35 they tend to stay right in that area and there was one 36 -- you know, wanted to know when can we start 37 harvesting muskox because like I said the numbers have 38 climbed quite a bit. 39 40 At one time, you know, they were introduced into Point -- back into Point Hope, back in 41

the '70s and ever since then it's been very hard for 42 43 other subsistence especially caribou, also, they kind 44 of keep the caribou out sometimes for awhile. So are 45 we going to be able to harvest any caribou soon -- I 46 mean muskox? 47 48 MS. DAGGETT: Through the Chair to Mr. 49 Oomittuk. 50 0178 1 MS. KIPPI: Go ahead, Carmen. 2 3 MS. DAGGETT: Thank you, Wanda. Good 4 morning. So, Steve, there's actually a muskox hunt 5 that is open already. It's a Tier II hunt in your area 6 in Unit 23 and it's called a TX107. The season is 7 August 1st through March 15th and so if people were 8 interested in harvesting muskox there's a form that 9 they would need to fill out and they would need to go 10 through the Tier II hunt process. And the Kotzebue office is responsible for managing that hunt, but if 11 12 people have specific questions or whatever, I'm sure I 13 could help facilitate that too. But people need to 14 apply for those permits. There is sort of a limited 15 number of muskox that can be taken under that TX107 16 hunt in Unit 23 and so we have to go through that Tier 17 II hunt process and through that application process. 18 So if people are interested they should call the 19 Kotzebue office and talk with them about applying for 20 that. 21 22 In addition, because of the survey 23 results from this last year, you know, in the summary I 24 kind of indicate that the population in 26A has risen 25 to 455, and so as a result this office submitted a 26 proposal to open a muskox hunt in Unit 26A as well. 27 And we kind of talked about it some at the last meeting 28 because I wanted to see, you know, what sort of 29 parameters people wanted to see in that hunt, you know, 30 what sort of seasons, what sort of conditions would fit 31 people's needs and, you know, so I'm -- and I actually 32 submitted that as an agenda change request at the last 33 Board meeting but essentially what they decided was 34 that they accepted that proposal to consider opening a 35 hunt but because of Covid related issues that they 36 would not take that proposal up until 2022. 37 38 So it's on the docket to be dealt with 39 but until then, I have some authority to open a hunt in 40 26A under some different regulations. Ideally what I 41 would like to do is start having the hunt be a little 42 bit longer and start mirroring what that proposed hunt 43 That being said, I have to request that that hunt is. 44 be opened under emergency order and it has to be

approved by the Commissioner. So those conditions of 45 46 being able to hunt muskox in 26A are in a potential 47 state of transition and no decisions have been made 48 other than to consider talking about it in 2022 at the 49 statewide meeting. 50 0179 1 So that's kind of where we're at with 2 muskox in your area right now, that there's that hunt that's open already in Unit 23 that people could apply 3 4 for and then also, you know, there's some potential for 5 options in 26A up and coming. 6 7 So, you know, during the summer it is, 8 you know, certainly that's something that I've heard 9 before about people having concerns about muskox when they're out berry picking. Muskox generally, you know, 10 11 they kind of have some interesting behaviors that a lot 12 of people really aren't used to, they don't really run 13 away like other animals everybody's used to dealing with so, you know, I think it makes people uneasy 14 15 sometimes and that's understandable. If people have 16 specific concerns during different times, they can 17 either call the Kotzebue office or my office to talk 18 about their concerns, you know, about safety and about 19 how to kind of live beside muskox. You know they 20 certainly have a lot of issues with muskox in Nome and 21 in Kotzebue and so there's definitely some things you can do to try to help deal with those different 22 23 scenarios and we try to address those issues in a case 24 by case basis because every scenario's a little bit 25 different. 26 So I hope that helps answer your 27 28 question, Steve, and I hope that opportunity, at least 29 the knowledge of opportunity can mean that some people 30 will fill out those forms and try to apply for those 31 muskox hunts at Unit 23 right now, and then, you know, 32 and then.... 33 34 MR. OOMITTUK: Thank you. And, you 35 know, just to followup on that. You know, the 36 population and, you know, for Unit 23 and for Northwest 37 Arctic Borough area, what is the number that is 38 allocated for muskox and what is the population. You 39 know, because if we apply and, you know, are we going 40 to be able to -- you know, is it a low number that you 41 can apply for that is allocated, is it a lottery form, 42 or can anybody within the State of Alaska apply for it, 43 this muskox harvest or is it just communities within 44 the area, or is it a statewide hunters who can come in 45 from anywhere they want and harvest a muskox, are they also -- is it -- with this number, is it allocated for 46 47 harvest in Unit 23 and Unit 26A.

48 49 MS. DAGGETT: That's a great question, 50 0180 1 Steve. Through the Chair to Steve Oomittuk. So in 2 Unit 23 there are a certain number, a low number of permits that they have for quota right now, I think 3 4 it's like six. And..... 5 6 (Teleconference interference -7 participants not muted) 8 9 MS. PATTON: Hi, Karen, this is Eva, 10 can you please put yourself on mute. Karen. 11 12 REPORTER: Excuse me. Excuse me, this 13 is the reporter. 14 15 MS. PATTON: Karen can you put yourself 16 on mute. 17 18 REPORTER: Yeah, Karen, please mute, 19 thank you. 20 21 MS. PATTON: Thank you. Apologies 22 everyone. 23 24 MS. DAGGETT: So in Unit 23, I believe 25 there's six permits. A portion of those are allocated 26 to the National Park Service and are administered 27 through a lottery system. And then there is a portion 28 that are administered through the State of Alaska and 29 that portion goes through the Tier II process. So in 30 the Tier II process anyone can apply but people are 31 selected based on a couple of different criteria. So 32 if you, for example, how much you pay for fuel, what 33 your groceries cost, and also how much you've been 34 hunting in that area and kind of your relationship with 35 -- you know, if you would have hunted or could have 36 been able to hunt, how many years have you been --37 would have hunted if you could have sort of questions. 38 And so people are rung based on that weighed criteria. 39 So people who live in rural Alaska, you know, would 40 score higher because of those things. And so pretty 41 much all of those permits that are given in Unit 23 are given to people who live in the area. And someone who 42 43 applied in Point Hope would, you know, rate much higher 44 than someone who would live anywhere or, you know, most 45 anywhere else in Alaska. 46 47 So even though everyone that's a like 48 State of Alaska resident could apply, the people that 49 are likely to be picked, you know, would have to meet a 50

0181 1 lot of those criteria. So that's how the Tier II process works and -- but people have to apply in order 2 3 to be able to draw for them. So that's kind of the 4 crux for it for people in Point Hope, they have to 5 apply for those permits. 6 7 MR. OOMITTUK: Thank you. And, you 8 know, the population number, I don't know, you didn't give me that, but for six out of -- you know Unit 23, 9 10 Unit 26A, and for the population of people, you know, 11 that would like to hunt, especially local people. 12 You're talking, what, 7,000 people in the Northwest 13 Arctic Borough, somewhere in that number, and about 900 14 people in Point Hope to harvest six muskox in a wide 15 area, you know, when the population -- I didn't hear 16 what the population of the muskox was in this area, is 17 it under a thousand, is..... 18 19 MS. DAGGETT: Yeah, thank.... 20 21 MR. OOMITTUK: .....it 100,000..... 22 23 MS. DAGGETT: Yeah, so -- yeah.... 24 25 MR. OOMITTUK: .....is it over 500..... 26 27 MS. DAGGETT: Yeah, so..... 28 29 MR. OOMITTUK: .....is it..... 30 31 MS. DAGGETT: Sorry, Steve. I'm sorry, 32 I missed those details of that question. So first of 33 all those six permits are just for Unit 23. The 34 overall population is around 950 muskox between Unit 23 35 and 26A, and the -- the quota for the amount that could 36 be taken out of 26A is separate from that of Unit 23. 37 So it would be on a different hunt availability than 38 what was happening in Unit 23 right now. And so there 39 would be, what I was looking at for a quota was around 40 like six to 9 being able to be taken out of 26A per 41 year. But we'll probably start out conservatively with 42 six just because I'm not sure how people are going to 43 take this but it -- you know, as the population grows 44 we can continue to increase that ability to take more. 45 I do think, you know, the reason why the Tier II system 46 exists is to help distinguish among users that are 47 State of Alaska residents and so, you know, these 48 populations are still relatively low and in some cases 49 in some places perhaps people would be apprehensive to 50 0182 even have a hunt open but the Tier II hunts are meant 1 2 to provide a small amount of opportunity to people in

rural Alaska to get -- to be able to get some muskox 3 4 that are taken in a sustainable sort of way, in a 5 sustainable sort of rate, and so that's sort of why 6 that whole system exists. 7 8 And so I hope that helps answer your 9 question, and I'm sorry I missed a few of those details 10 earlier. 11 12 MR. OOMITTUK: Yes. Yes, and just one more, you know, when muskox was introduced back into 13 14 Unit 23 in the '70s, what was the number introduced and 15 then what's the growing rate of the population, like I 16 don't know if you do a survey every year, what is the 17 growth of the herd annually, or yearly, or, you know, 18 you're talking 900-something, I don't know how many was 19 introduced into Unit 23 back in the '70s when we had no 20 muskox, when they were practically extinct, and now the numbers are, you say, about 950. I can remember in the 21 22 '80s and '90s when there was only about 50 or 60 at the 23 most in certain areas where they -- because I used to 24 have to follow my wife or family members to make sure 25 they're safe picking berries because that's where the 26 muskox hung around, where the berries were in 27 abundance, the salmonberries. And now a days the women 28 carry rifles and pistols for their own safety and a lot 29 of times a lot of their -- the younger kids follow and 30 help pick berries with the women, and now more and more 31 men are following their wives for safety reasons 32 because of the abundance in that area. And then to bag 33 only six within a large area and maybe Point Hope might 34 be able to get one, you know, or none, you know. 35 MS. DAGGETT: Thank you, Steve. 36 37 38 MS. KIPPI: Thank you, Steve. Thank 39 you, Carmen. I have a question for Carmen about the 40 muskox, this is Wanda. What about -- is there any 41 special hunt for emergency safety for around the Point 42 Hope area, too, is that an option. 43 44 MS. DAGGETT: Thank you for that 45 question, Wanda. So if there was a specific request --46 so like when you and others from other villages have 47 requested to open a hunt, someone has contacted me 48 directly and asked for specific timeframes and that 49 sort of stuff, and with specific -- those emergency 50 0183 1 order hunts are done by a case by case basis and they 2 have to be asked for. So it could be that, you know, 3 Point Hope could ask for those, but they need to ask for them. So -- but also realize that your situation 4 5 and Point Hope's situation are a little bit different,

because there's already a hunt open that's a regular 6 7 season. So, you know, it's a little bit different situation but hopefully in the future we can move 8 9 towards, you know, having a consistent hunt open and 10 like I said I'm certainly in the process of trying to 11 get that established. 12 13 Steve actually had a question in his --14 in his statements there that I wanted to address, too, 15 if you don't mind. 16 17 MS. KIPPI: Go ahead, Carmen. 18 19 MS. DAGGETT: So he asked, you know, 20 about population, growth through time and how many were 21 initially introduced. I believe that initially when 22 muskox were introduced there was two different groups 23 of 35 that were introduced at different periods of time 24 into this area. And so in 2011 we did a survey in the 25 Cape Thompson muskox population, 576, in that 26 population survey. And then in 2016 we had another 27 estimate and that was 556, and in the 2020 estimate it 28 was like 950. So the population has grown about 400 29 since that time period. I guess it would be like 350. 30 So it's increased from about 350 between 2016 and 2020 31 so over a period of four years. So that'll give you 32 some idea of rate. And I think the other thing that's changing too is just distribution, as the population 33 34 grows, the distribution is changing some so that's 35 something to keep in mind too. 36 37 So, yeah, that's -- that's what I've 38 got for the both of you. If you have any further 39 questions feel free to ask. 40 41 MR. OOMITTUK: Yes, just a followup 42 question, you know. I don't know if I quite heard you 43 say what the rate, but two different herds at 35 -- so 44 you're talking 70 and now the population is estimating 45 at about 1,200 and within what timeframe were they --46 what year were they introduced, was it like in '75 or 47 something like that and the growing rate of numbers in 48 the last 50 years, well, you know, 46 years, I guess, 49 and the high numbers and the low numbers that are 50 0184 1 harvested, you know, and the numbers are still 2 climbing, you know, what's an annual yearly rate that 3 the muskox climbs. It seems like the population is 4 going and is stable and only allowed six and -- and, 5 you know, when this herd existed hundreds of years ago and was introduced back into the communities and now 6 7 they're becoming a nuisance to certain animals that 8 normally migrate and that -- the populations are stable

then it should be at a higher number for consumption 9 10 through the community then especially in Point Hope when you have to deal with how many other villages for 11 12 six caribou -- six muskox. And -- and so you're 13 stating that if I put in a motion that Point Hope, and 14 Unit 23, was able to harvest more muskox just for the 15 community itself or Noatak or Kivalina, you know, up 16 north, where the muskox are very stable, or, you know, 17 being just a north -- and the North Slope Subsistence 18 Advisory Council and -- and this -- and, you know, 19 because the community wants to harvest muskox and they 20 don't want to get in trouble for it but if they have to 21 apply for it, for six caribou, that covers, what, 13, 22 14 villages, and -- and to harvest six caribou from a herd of about 1,200 and that Unit 26A is a different 23 24 number and so you're talking 15 caribou I guess -- I 25 mean, muskox, I'm sorry, I got caribous on my mind. 26 27 Thank you. 28 29 MS. DAGGETT: Through the Chair to 30 Steve Oomittuk. 31 32 MS. KIPPI: Thank you, Steve. 33 34 MS. DAGGETT: To give you an idea of 35 rate, it's about 100 a year in growth is what would be 36 estimated from the 2016 to 2020 estimates. I'm not 37 sure where you got the 1,200 number from but 1,200 was 38 not an estimate that we had. So 955 was the total 39 estimate from the 2020 population. And most muskox 40 hunts in the state are managed at a 2 percent harvest rate and so, you know, you would shoot to take 2 41 42 percent of that total population because of their low 43 reproductive rates. So, you know, even there might be 44 100 growing or, you know, being born each year -- 100 45 estimated, you know, there's going to be other things 46 that are going to be consuming ox too, and so we kind 47 of have to take that into account for how many are 48 actually able to be harvested. 49 50 0185 So that's kind of how we get those 1 2 numbers, Steve. And it's based on experience that 3 we've had in other populations and has been managing those through time. And muskox also have some 4 5 interesting -- we've been researching a lot of their 6 population dynamics and the bulls have a -- seem to 7 have a pretty important role in the herd as far as, you 8 know, protection and things too, so we're trying to 9 understand things better and use that information to 10 inform our management decisions. 11

12 So, yeah, we've learned a lot from 13 what's been happening on the Seward Peninsula, in the 14 Nome area, and trying to maintain those populations so 15 that people can continue to hunt those through time. 16 And so that's how those numbers are generated, those 17 quotas are based on all of those things. 18 19 So I hope that helps you understand 20 that information and while I understand it's kind of a 21 low number that.... 22 23 (Teleconference interference -24 participants not muted) 25 26 MS. DAGGETT: .....it's based on our 27 understanding of the population dynamics. 28 29 MR. OOMITTUK: Thank you for that. 30 And, you know, 100 yearly is a pretty high number and 31 to harvest at the most between 26A and 23 is only about 32 15 that seems like a low number. I would think that 33 number could be raised to accommodate all the villages 34 within that area. There's 12, 13 villages in the NANA 35 area and then Point Hope included is 13, and you're 36 lucky -- and, you know, the population of all the 37 residents in the Northwest Arctic Borough is what, 38 10,000, and Point Hope at about 900 so you're talking 39 six in muskox for about 11,000 people when the 40 population is stable and growing and I don't see why 41 the number can't be increased even though the growing 42 rate is at about 100 a year, and they are taking over 43 certain areas that normal migration routes and like you 44 said the muskox don't tend to move away, they stand 45 their ground. And sometimes, you know, with a herd of 46 now approaching 950 throughout the Brooks Range area 47 and DeLong Mountains and, you know, and it kind of 48 changes the migration route of the Western Arctic 49 Caribou Herd and -- which they were so used to coming 50 0186 1 through without no disturbance of muskox. 2 3 CHAIRMAN BROWER: Thank you, Steve. By 4 the way I'm just letting you guys know I'm back, I had 5 to deal with a phone call real quick. 6 7 MR. REXFORD: Yeah, Mr. Chair, this is 8 Eddie. 9 10 CHAIRMAN BROWER: Go ahead, Eddie. 11 12 MR. REXFORD: Yeah, I got a question for 13 Carmen. In the past muskox were reintroduced in our 14 area also and how much -- what's the population needs

to be to have a hunt in our area again. I know we used 15 16 to hunt in the past but since we're so close to the 17 mountains there was evidence that they were really 18 impacted by grizzly bears harvesting them, and pushing 19 them out of our area. I'm kind of curious does the 20 population need to be -- the counting of our 26C to 21 open a hunt again. 22 23 Thank you. 24 25 MS. DAGGETT: So through the Chair. So 26 I am not sure what the muskox population is over in 26C 27 to be honest. That's not a population that I manage. 28 That's actually managed by Beth Lenart and Jason 29 Sicoski (ph) out of the Fairbanks office. I haven't 30 looked at the numbers over in Kaktovik way, you know, in 26C. So I mean I guess the only information that I 31 32 would have would be about 26B population that's kind of 33 associated with Nuigsut and I -- I apologize but I 34 can't shed some light on muskox over in 26C other than, 35 you know, it's just -- yeah. I don't have that. 36 37 MS. PATTON: Mr. Chair. 38 39 CHAIRMAN BROWER: Yeah, go ahead, Eva. 40 41 MS. PATTON: Yeah, this is Eva. Thank 42 you for that question, Eddie. And unfortunately we don't have Beth Lenart on the call for this meeting, 43 44 but I can certainly followup to get those numbers for 45 you. The Arctic National Wildlife Refuge Staff will be 46 on this afternoon to provide the report for their 47 region and they may have some information at that time 48 too. But I definitely will followup to get those 49 numbers for you and any information that we can 50 0187 We just don't have Beth on for this meeting 1 provide. 2 at this time, though. 3 4 MR. REXFORD: All right, thank you. 5 6 CHAIRMAN BROWER: Any other questions 7 to Carmen on the muskox. 8 9 MS. DAGGETT: Mr. Chair, you.... 10 11 MR. OOMITTUK: Yeah, this is Steve..... 12 13 CHAIRMAN BROWER: So Carmen.... 14 15 MR. OOMITTUK: .....I got cut off for a 16 little bit and then I'm back on. We keep getting cut 17 off.

18 19 CHAIRMAN BROWER: Okay, welcome back 20 Steve. 21 22 MR. OOMITTUK: I missed the -- yeah --I missed the response -- yeah, I don't know if it's 23 24 GCI, I got cut off several times yesterday but I'm back 25 on and I missed a lot of the -- right after I had been 26 talking the last time I got cutoff and had to call back 27 in, and I just -- I finally made it back on. But I 28 don't know if I missed a number. 29 30 So, you know, and the thing was, you 31 know, that when I said that the population was stable 32 and especially when it was introduced back into the 33 area and -- and so if we were to make a proposal that, 34 you know, within the Cape Thompson area for muskox 35 hunting to have a number for itself, would that be 36 looked into or would the North Slope Advisory Council, 37 and then what's the process of it getting approved if 38 we were to submit a proposal to have a number quota at 39 Cape Thompson area for muskox harvest. 40 41 CHAIRMAN BROWER: Thank you, Steve. 42 And if you look at the map in Unit 23 in your area, the 43 orange colored area look like about 20 miles to your 44 east, BLM Federal administered lands, and, yeah, I 45 think you could make a proposal in those areas and the 46 white colored lands, which is the largest portion in 47 your area all the way to Point Lay up to the edge of 48 NPR-A, I don't know what they -- it looks like special 49 use area, and I'm not sure who's administering those 50 0188 1 ones and maybe Carmen.... 2 3 MR. OOMITTUK: Yeah, because I'm..... 4 5 CHAIRMAN BROWER: .....can talk a little bit more about from Point Hope there's different 6 7 shades of colors of land parcels and then they control 8 or special use area that are -- that have hash marks or 9 something, or closed -- can you talk about that Carmen. 10 11 Gordon, I have..... MR. OOMITTUK: 12 13 MS. DAGGETT: Are you..... 14 15 MR. OOMITTUK: .....a question, I..... 16 17 ....looking -- are MS. DAGGETT: 18 you.... 19 20 MR. OOMITTUK: I want to -- yes, right

before she -- right before you -- I don't know if you 21 22 were on when she talked about, you know, the numbers 23 that are in Unit 23 that we would -- with the Northwest 24 Arctic Borough area and Point Hope of a number of six 25 and we would have to apply in Kotzebue for a population 26 of -- well, the muskox herd is somewhere within Unit 27 26A and Unit 23 is about 960, or so, and only about 15 28 are harvested between those two, but for Point Hope, we 29 have to go to Kotzebue and apply and it's a number of 30 six that we're competing for, for just -- you know, in 31 Unit 23, and, you know, and that was answered earlier. 32 But I was just wondering, you know, if we put a 33 proposal for harvest within our North Slope area for 34 muskox in Unit 23 in the North Slope boundary lines 35 from Cape Thompson up north, and the population is 36 growing at about 100 per year, when only 70 was 37 introduced back in the '70s and we're at a population of 950 or 50 and it has become somewhat of a nuisance 38 39 to migration routes for caribou or for berry pickers or 40 for subsistence users, especially when a lot of females 41 go out and pick berries on their own and have had some 42 close calls with muskox, muskox tend to stand their 43 ground and they're right in the area where we normally 44 pick berries and the women go pick berries with their 45 children, and now the men are having to follow them 46 with rifles and, you know, make sure of their safety, 47 but now the ladies are carrying rifles and pistols 48 themselves for safety reasons. 49 50 0189 1 Thank you. 2 3 I don't know how long you've been back, 4 Gordon, I know you had to step away for a little bit. 5 6 CHAIRMAN BROWER: Yeah, I actually 7 didn't leave my office, I just had to take another call 8 but I was listening to the conversation though. 9 10 MS. PATTON: Mr. Chair. 11 12 CHAIRMAN BROWER: Yeah, go ahead. 13 14 MS. PATTON: Hi, this is Eva. And I 15 just wanted to respond to Steve's request as well. So 16 so far the proposals that the Council wanted to take 17 back up this morning was addressing the special action 18 request from Northwest Arctic. Steve had begun to 19 discuss developing a proposal for the North Slope 20 Council as well addressing caribou in Unit 23. Then we 21 were going to come back to discussing the Board of Game 22 proposal for muskox to provide some more information 23 for Carmen that may be helpful in the interim here.

24 And, again, there'll be opportunity since that was 25 deferred for action for the Council to take final action at the fall meeting. But that was the plan 26 27 yesterday, for the Council to come back to discussion 28 on the muskox proposal and there's opportunity to 29 develop a Federal subsistence proposal if you wish as 30 well, Steve. 31 32 So I did want to touch base but the 33 Council was wanting to resume with the Federal 34 subsistence proposals and special actions this morning 35 yet first, and then get back to the Board of Game 36 proposals after that. 37 38 Thank you. 39 40 CHAIRMAN BROWER: Thank you, Eva. All 41 right, so any other questions to Carmen on the muskox. 42 43 (No comments) 44 45 CHAIRMAN BROWER: All right. Then 46 we're.... 47 48 MR. WILLIAMS: This is Earl. 49 50 0190 1 CHAIRMAN BROWER: Go ahead. 2 3 MR. WILLIAMS: Yeah, this is Earl from 4 Anaktuvuk. We just had a muskox down here about a couple years ago, maybe two, they don't stick around 5 6 very long they just come down from north and disappear 7 but when it comes around there's no caribous around, so 8 I asked people about hunting muskox around here, they 9 said they don't bother with it because it stinks or 10 something, I don't know. I haven't caught it, but I 11 wouldn't mind catching a couple, I heard it's pretty 12 sweet, tastes good. 13 14 Thank you. That's all I have to say 15 for muskox here. 16 17 CHAIRMAN BROWER: Thank you, Earl. 18 19 MR. WILLIAMS: You're welcome. 20 21 CHAIRMAN BROWER: All right. 22 23 MR. OOMITTUK: Gordon, I missed one 24 question on the muskox, can I just -- I know I talked 25 about it yesterday..... 26

27 CHAIRMAN BROWER: Go ahead, Steve. 28 29 MR. OOMITTUK: .....but Carmen wasn't 30 here. Not too long over the summer there was a muskox 31 in town that had porcupine quills and I don't know what the procedure is, normally they just scare back out of 32 33 town but it did have porcupine quills in him and this 34 is not the first time it's happened and the majority of 35 the time -- all the three or four times that muskox 36 have come into the community is because of the quills 37 within its face area and I don't know whether we're 38 allowed to put it at ease and put it to sleep or 39 harvest it or run it back out of town; that's what they 40 normally do because -- so what kind of procedure should 41 we follow when there's a muskox in town. You know for 42 the safety of the community, and, you know, we kind of felt bad for the muskox, not able to take the quills 43 44 off of it and put it out of its misery and harvest it. 45 46 CHAIRMAN BROWER: Thank you, Steve. 47 Carmen, is that something you can respond to. 48 49 MS. DAGGETT: Yeah. Yeah, so through 50 0191 1 the Chair to Steve. So, you know, I think those sorts 2 of scenarios need to be dealt with on a case by case 3 sort of basis and the procedure would be to contact 4 either the Kotzebue office or the Barrow office to kind 5 of deal with each issue because, you know, all of them are a little bit different. So, you know, I guess I 6 7 would recommend that to start with. And then, you know, there's -- if people really feel like, you know, 8 9 there's a muskox charging at you and you feel like your 10 life is in danger you can shoot it in those 11 circumstances and you need to report it to the Troopers and go through the defense of life and property laws, 12 13 in that regard, that's an option. 14 15 You know, I know that there's been some 16 success with, you know, scaring them out of town or of 17 other places with fourwheelers before, and people have 18 had success with that. But like I said, I think 19 really, you know, each is a little bit different, 20 Steve, and you should really contact your local Fish 21 and Game office and work with the area biologist there 22 to help address the issue on a case by case basis if 23 something like that happens. 24 25 MR. OOMITTUK: I know -- I know we have 26 some people online but that don't always happen during 27 the day it's always in the evening and how do we 28 contact people, is there an emergency number we can 29 contact 24 hours a day, especially when the daylight is

30 24 hours a day and it can happen at 2:00 in the morning 31 or 8:00 at night, or 8:00 in the morning or at noon, 32 you know, and trying to make phone calls to get 33 permission to protect our community or the kids or --34 or harvest it and put it to sleep and at ease. 35 36 MS. DAGGETT: Through the Chair to Mr. 37 Oomittuk. Steve, you know, if you're in that sort of 38 scenario where you can't get a hold of somebody during 39 normal business hours I quess I would recommend calling 40 the Wildlife Troopers or calling the Trooper office and 41 trying to work with them. You know, they kind of have 42 a wider range of hours that they have people available 43 and, you know, I also -- you know I often will end up 44 giving my cell phone number to people, too, so, you 45 know, and if -- and I think you may have my cell phone 46 number actually, and if you don't I can give it to you, so I guess I think -- you know I try to be pretty 47 48 available for people and I often will give my cell 49 phone number out to people as long as people don't 50 0192 1 abuse it, which I haven't had any problems with because 2 people seem to be very responsible with that so I 3 appreciate that. So, you know, if you ran into that 4 sort of scenario and you, you know, you tried the 5 Troopers, you couldn't get somebody and you tried my 6 cell phone and you couldn't get somebody, you know, I guess I would go with the regular Trooper number and 7 8 then work from there. But I think Wildlife Troopers is 9 probably your first bet for after hours stuff and then 10 after that, you know, feel free to contact my cell or whatever. And, honestly I don't care if you -- you 11 12 know, in those sorts of scenarios I don't mind being 13 contacted at odd hours as long as I'm not out somewhere 14 doing field work, I guess, that would be the only 15 thing. 16 17 So, yeah, I hope that answers that 18 question for you. If you need some phone numbers for the Troopers in Kotzebue, they're 442-3222. And so 19 20 that would probably be easiest for after hours stuff. 21 22 MR. OOMITTUK: Thank you. 23 24 MS. DAGGETT: You're welcome. 25 CHAIRMAN BROWER: All right. So I 26 27 think we're pretty much exhausted our information 28 gathering for Teshekpuk herd, moose, and muskox that 29 Carmen had, and I'm proposing that we go and go back to 30 Item 11 where we are looking at a call for Federal 31 wildlife proposals. We have one that we added for Unit 32 23, Unit 26A caribou and moose, special action 21-01

33 and I don't know if that's WP21-01 and go from there. 34 35 Is that where we're at there, Eva? 36 37 MS. PATTON: Yes, thank you, Mr. Chair. 38 That's where we left off with yesterday so we did have 39 some discussion yesterday on caribou updates and 40 management in that region and then followup this 41 morning. 42 43 What might be helpful, for the Council 44 is to have Hannah read that proposal and the Council's 45 justification to refresh your memory since we started 46 discussing it yesterday. So if Hannah would be able to 47 read that and the Council's justification, that'll 48 bring that information and their reasoning for 49 submitting that proposal back to the forefront. 50 0193 1 Thank you, Mr. Chair. 2 3 CHAIRMAN BROWER: All right, go ahead, 4 Hannah, if you could read that into the record. 5 6 MS. VOORHEES: Thank you, Mr. Chair. 7 So the basic description of this request is the closure of Federal public lands in Unit 23 and 26A to caribou 8 9 and moose hunting by non-Federally-qualified users for August and September 2021. 10 11 12 There's a narrative that answers the 13 questions: Have there been unusual or significant 14 changes in resource abundance or unusual conditions 15 affecting harvest opportunities that could not 16 reasonably have been anticipated and that potentially 17 could have significantly -- or excuse me -- significant adverse affects on the health of fish and wildlife 18 19 populations or subsistence users. And the Council 20 states that it is very concerned about the late 21 migration of caribou through Unit 23 because local 22 people rely upon caribou to meet their subsistence 23 needs. The Council stated that the entire region 24 except for Noatak could not harvest caribou in the fall 25 because caribou had not migrated through their areas. 26 During their meeting in early November 2020 Council 27 members stated that caribou were just starting to 28 trickle through Kiana and Ambler although none had been 29 seen in Selawik yet. Council members stated winter 30 harvest may be possible but it's uncertain and many 31 local residents are stressed by empty freezers. 32 33 So at their meeting last week, 34 Northwest Arctic Council confirmed that their winter 35 harvest was less than optimal.

36 The Council is particularly concerned 37 38 about the effect that transporters and non-local 39 hunters are having on the migration of the Western 40 Arctic Caribou Herd, and believe that transporter activity in Units 23 and 26A may be delaying caribou 41 42 migration. The Council hopes this request would reduce 43 aircraft traffic creating an easier path for migrating 44 caribou. 45 46 The Council also supports closing moose 47 hunting to non-Federally-qualified users because of 48 declining moose populations. 49 50 0194 1 So the justification overall for 2 closure to caribou is to continue subsistence uses, and 3 for moose is to ensure conservation of the moose 4 population. 5 6 Thank you. 7 8 CHAIRMAN BROWER: Thank you, Hannah. 9 And is there -- what's the proposal number, is that 10 WP21-01? 11 12 MS. VOORHEES: Mr. Chair. The Office of Subsistence Management has labeled this Wildlife 13 14 Special Action 21-01. 15 16 CHAIRMAN BROWER: Wildlife Special 17 Action 21-01. And I'd like to get a little bit insight 18 as to the possible ranges of action by the North Slope Regional Advisory Council. So I'm kind of thinking 19 20 that we can defer this to Northwest Arctic Subsistence 21 Regional Advisory Council but 23 and 26A, a portion of 22 23 is in our region and all of 26A is in our region, 23 and I'm thinking that we have a requirement to address 24 it because of that, even though we're not the 25 proponents of the special action. So that we could 26 make some modifications to it, we could support it, and 27 on this -- so if I could get some feedback on that from 28 OSM. 29 30 MS. VOORHEES: Mr. Chair. It may be as 31 simple as stating the Council's support or any changes 32 that you would suggest on the record because this is a 33 special action request. I think I'll defer to Eva to 34 sketch out some of the wider range of options you can 35 take. 36 37 Eva, if you don't mind jumping in. 38

39 MS. PATTON: Thank you, Hannah. And 40 thank you, Mr. Chair and Council. Because this is 41 coming up before the Council at a formal Council 42 meeting, you do have the opportunity to make a formal 43 recommendation and it can be any range of options. As 44 you suggest, you can defer to the Northwest Arctic RAC 45 region but because the proposal is covering all of 26A 46 for caribou and moose and all of Unit 23 including a 47 portion that Point Hope is in, it does affect the North 48 Slope region. So as the Council wishes you may want to 49 make a recommendation and that recommendation can be to 50 0195 1 support or to oppose or to support with modification, as you've noted, so if you see changes to the Northwest 2 3 Arctic proposal that you feel would be of best benefit 4 for the North Slope region or as you discussed 5 yesterday, strategies that may make it more successful. 6 7 So those are the options the Council 8 can take as it would be with a full proposal. But this 9 is the opportunity, if the Council wishes to make a 10 recommendation on this proposal, because of the special 11 action request, it won't be coming back to the Council 12 at the fall meeting. 13 14 Thank you, Mr. Chair. 15 16 CHAIRMAN BROWER: Thank you. So what's 17 the wish of the Council on Special Action Wildlife 18 Proposal 21-01. 19 20 MR. OOMITTUK: Would the motion on the 21 floor to adopt then we can discuss and then any modifications then -- I had to step away for -- are we 22 23 under discussion or is this being proposed right now? 24 25 CHAIRMAN BROWER: There's no formal 26 motion at this point but in order to discuss it more we 27 would need to make some motion to adopt and go into discussions and then if there's a wish to amend it in 28 29 some way then we could try to amend it or call for 30 questions and either we can -- we can support it or 31 however we're going to do it. 32 33 MR. OOMITTUK: Mr. Chair. Steve, for 34 I kind of missed your recommendations. I the record. 35 had to step away for a few minutes and I thought I 36 heard you say you made some recommendations but can you 37 restate the recommendations on this proposal so that I 38 know we -- I know we have some new members here and it 39 is a different area for them and you -- and you've been 40 here a long time, and then what is your recommendation 41 so we get an understanding how you feel about it, Mr.

42 Chairman. 43 44 CHAIRMAN BROWER: Yeah, thank you, 45 Steve. So let's talk about it a little bit. But I --46 you know the intent behind this is to -- for actual 47 discussion and to go into it we would need a motion to 48 adopt or support 21-01. But when we're looking at a 49 broad closure of area we should be very cognizant about 50 0196 1 that impact but at the same time, looking at Noorvik, 2 looking at Selawik, looking at the villages that depend on the movement of this caribou herd and the very, very 3 4 late migration route -- migration and movement of these 5 caribous, and trying to harvest during the wintertime, 6 it's a lot more concerning as their freezers go empty 7 when these caribous are expected. I don't know why the 8 caribou took a long time to come. There's a range of 9 different concerns from climate, maybe it was warm and 10 it was good for the caribou to hang out longer, maybe there were other variables like the transporters 11 12 bringing in other hunters in these areas in front of 13 communities. It's important to think about that 14 because so many villages are alarmed and concerned that 15 says, all right, stop everybody else from going, we 16 don't know what the problem is, shut everybody off 17 except for Federally-qualified users. And then maybe 18 find a way to see if that works for one -- for this 19 special action -- I think special actions are one year, 20 I think they go away after one year, I think, I stand 21 to be corrected if I'm wrong. And it's because there 22 is so many unknowns here why the caribou didn't come, 23 and to try to remove some of the most obvious kinds of 24 things that we've been arguing over for the last 20 25 years between Squirrel River area and these -- and in 26 some cases in a liberal management scheme with guides 27 and other things like that, that that could be the 28 reason for late migration or deflection of migratory 29 routes. So -- and we can also think about maybe what a 30 different kind of modification to it, is a suggestion 31 like from a village 30 miles around it, should be 32 closed to non-Federally-qualified users from August to 33 September to allow for the Federal qualified users to 34 have unobstructed, unimpacted caribou movements to 35 allow to get to areas where villages can harvest. 36 That's kind of like creating a village area of 37 influence. And that -- I don't know how we want to 38 craft it, I don't even know if we want to do that but 39 it's important to recognize that all of our neighbor 40 communities on the other side are struggling with 41 caribou. 42 43 So we can discuss that more once 44 there's a formal motion to do something with Special

45 Action 21-01. 46 47 MR. OOMITTUK: Mr. Chair. With that 48 said I make a motion to adopt Proposal 20-21 for 49 discussion. 50 0197 1 CHAIRMAN BROWER: I think it's 21-01. 2 3 MR. OOMITTUK: 21-01. 4 5 CHAIRMAN BROWER: Special action. 6 7 MR. WILLIAMS: Second by Earl. 8 9 CHAIRMAN BROWER: There's a motion.... 10 11 MR. OOMITTUK: 21-01. 12 13 CHAIRMAN BROWER: .....on the..... 14 15 MR. OOMITTUK: Yeah, I don't have that 16 proposal.... 17 18 CHAIRMAN BROWER: So there's a motion 19 on the floor by Point Hope to adopt 21-01, special 20 action. 21 22 REPORTER: Earl seconded it, Gordon. 23 24 CHAIRMAN BROWER: There's a second by 25 Earl from Anaktuvuk Pass. Discussion. 26 27 MR. OOMITTUK: Yes, under discussion, 28 Mr. Chair. You mentioned something about the 29 modification in Unit 23 and for Federal, you know, I know that's -- you know, I think in the past or last 30 31 year, you know, for Unit 23 of halting all hunting for 32 -- or for non-residents and sporthunters within Unit --33 Federal lands within Unit 23, I don't know if this 34 proposal is making that only so -- only Federal-35 qualified users can hunt, is that what you're think --36 I kind of heard you said that if there's an amendment 37 -- if they would support amendment from the North Slope 38 Advisory Council on this proposal? 39 40 CHAIRMAN BROWER: Yeah, thank you, 41 Steve. I think we can do what we want because it's --42 I think this will take some time to move but because 43 it's in our area, a large part of this proposal too is 44 in our area, that we can suggest modifications to -- or 45 we can support it outright without modification. And, you know, frankly, I don't know exactly why the 46 47 caribous didn't come to all of these communities.

Maybe they're right, maybe it's the transporter issue 48 49 and they need to -- we need to think about that but if 50 0198 1 we're -- if we're wrong and it's something else, and 2 more broader, so it -- it's kind of like we're..... 3 4 MR. OOMITTUK: Okay. 5 6 CHAIRMAN BROWER: .....trying to --7 trying to see if regulation will fix this, and I don't 8 know if regulation will fix it. So if we wanted to 9 make some suggestion, some modifications, we can 10 support it with modification something like the North Slope Regional Advisory Council supports 21-01 special 11 12 action with modification if we wanted to, and I'm not 13 saying we should or -- or either way, that that..... 14 15 (Teleconference interference -16 participants not muted) 17 18 REPORTER: Excuse me. If everybody 19 could take one second and make sure their phone's 20 muted, someone's speaking over the Chairman right now. 21 I'd appreciate that. 22 23 Thank you. 24 25 CHAIRMAN BROWER: It sounded like 26 German or a Noris language. 27 28 (Laughter) 29 30 CHAIRMAN BROWER: Okay. Well, in any 31 event we can suggest, you know, a range of 32 modifications that could include maybe making our own 33 area of influence maybe, like 30 miles around a 34 village, would be closed to non-Federally-qualified 35 users meaning something like that for caribou and moose 36 or -- or we can just support it. I mean it's just to 37 open the dialogue here or we could ..... 38 39 MR. MCKEE: Mr. Chair..... 40 41 CHAIRMAN BROWER: .....say we don't 42 support it or we can defer it to them. 43 44 MR. MCKEE: Mr. Chair, this is Chris 45 McKee with the BLM. 46 47 CHAIRMAN BROWER: Yeah, go ahead. 48 49 MR. MCKEE: Yeah, I would just like to 50

1 remind the Council that you should only be considering -- you only have authority to make recommendations to 2 3 close Federal public lands. Any special action brought 4 to the Board only applies to Federal public lands, it 5 wouldn't apply to State lands. 6 7 CHAIRMAN BROWER: That's right. That's 8 right. And so I could see that that would -- this --9 if this were to be the law of the land for the year, 10 and a special action, if you guys at the OSM, those are 11 one year? 12 13 MR. MCKEE: Temporary special actions 14 are good for greater than 60 days but not any longer 15 than one regulatory cycle, which is actually two years. 16 17 CHAIRMAN BROWER: Okay. And looking at 18 the Federal public lands, there's Nuiqsut to the west, 19 Barrow all the way around, Atgasuk all the way around, 20 Wainwright all the way around, and this, I think 21 involves Anaktuvuk Pass to the south and to the east 22 and west maybe and for Point Hope it would largely be 23 -- it looks like -- is that the land that's all white 24 by Point Hope, is that all State land with some pockets 25 of Federal land? 26 27 MS. PATTON: Hi, Gordon, this is Eva. 28 Mr. Chair. Yes, that is -- white is the State lands. 29 So in Unit 23 and 26A the yellow lands are BLM lands, 30 and there's a little Park Service lands around Point --31 or Cape Lisburne, rather. 32 33 Thank you. 34 35 MS. KIPPI: Mr. Chair. 36 37 CHAIRMAN BROWER: Yeah, I see that. So 38 it would be minimal impact on Point Hope and then Point 39 Lay is pretty much surrounded by State land. 40 41 MS. KIPPI: Mr. Chair. This is Wanda. 42 43 CHAIRMAN BROWER: Go ahead, Wanda. Go 44 ahead, Wanda. 45 46 MS. KIPPI: Hi. I heard the proposal 47 21-01, a special something, that's all I heard, and I 48 don't know what in regards to this one is, is it 49 caribou, muskox or -- I was getting my granddaughter 50 0200 1 ready for school, like 5 minutes, and I missed the 2 beginning of the proposal.

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3 4 Thank you. 5 6 CHAIRMAN BROWER: All right. Eva --7 it's for caribou and for moose and closure to Federal public lands in Unit 23 and Unit 26A to caribou and 8 moose hunting by non-Federally-qualified users for 9 10 August and September 2021. So it's just -- it's to affect August and September only 2021, it's -- and for 11 12 that season in 2021 coming this fall, a temporary 13 closure and limited to only -- in my view, real 14 subsistence users in those villages. 15 16 MS. KIPPI: Okay, thank you. 17 18 CHAIRMAN BROWER: I hope that helps. 19 20 MS. KIPPI: Thank you. 21 22 MR. REAM: Mr. Chair, this is..... 23 24 CHAIRMAN BROWER: And we did..... 25 26 MR. REAM: .....Joshua Ream with the 27 Park Service. 28 29 CHAIRMAN BROWER: Yeah, go ahead, 30 Joshua. 31 32 MR. REAM: Thank you, Mr. Chair. I just 33 had a couple of points that maybe the Council might 34 consider in thinking about how to craft your action on 35 this special action. 36 37 I was involved quite a bit in the 38 analysis process for the closures in Unit 23 as well as the requested closure in Unit 26A and 26B for caribou, 39 40 and, you know, one of the big things that the Federal 41 Subsistence Board struggles with is understanding, you 42 know, whether or not the non-local users are affecting 43 the caribou migration and where, specifically, that 44 would be, you know, trying to find evidence or 45 testimony about that actually occurring. Ultimately, 46 you know, the Unit 23 closures were largely based in 47 continuation of subsistence uses. What we did as 48 analysts was look very closely at where the most 49 intense areas of user conflict were so we looked at all 50 0201 of the old transcripts from the Regional Advisory 1 Councils and from the Federal Subsistence Board to 2 3 determine that the conflict was centralized on the Noatak River, the Aggie and the Squirrel, and that's 4 5 how we ended up with a geographically isolated closure

6 to non-Federally-qualified users. 7 8 On the North Slope, when we were 9 analyzing that proposal, we had public hearings, of 10 course, as is required and we did hear from members of 11 both Wainwright and Point Lay that they had concerns 12 being surrounded by State land, that if Federal lands 13 were closed it was going to concentrate those nonlocal 14 users even closer to their communities. 15 16 So that's just something maybe to be 17 aware of. 18 19 You know the request by the Northwest 20 Arctic RAC does now include sort of this temporal 21 limitation, you know, it would only be -- I believe they're asking for August and September, if that's 22 23 right, so if you do choose to support it, I would just 24 recommend maybe talking a little bit about how you 25 think it will positively affect the ability for local 26 people to access the herd. 27 28 I hope that helps. I'm happy to answer 29 any questions as well. 30 31 CHAIRMAN BROWER: Yeah, thank you, 32 Josh. And, you know, my -- you know, we want to try to 33 do the best and try to figure out why many communities 34 in the Northwest Arctic RAC, why the caribou didn't 35 come to them, and I think we're very sympathetic because we depend on those same resources. And I think 36 37 trying to help on maybe giving advice to the Council on 38 being supportive but being able to suggest maybe 39 limiting the closure to maybe an area of influence, I'm 40 not exactly sure if Wainwright is exhibiting the same 41 types of concerns but I see a lot of my friends and 42 hunters very, very, very successful in the Wainwright 43 area with a lot of caribou. I see a lot of (In Native) 44 folks happy and been hunting caribou all fall and 45 through the winter and -- because the availability of 46 caribou was abundant and I'm seeing that in Nuiqsut 47 where even the community of Anaktuvuk Pass hunters were 48 able to work cooperatively with Nuiqsut to hunt and 49 quite frankly using the road infrastructure, new ones, 50 0202 1 industry roads to access more areas to hunt, and very 2 successfully, and so I'm -- I'm not sure we're 3 exhibiting the same impact to this central band of 4 communities around Selawik and Noatak and these areas 5 where the migration would go through. 6 7 So it could be localized and so those 8 are the concerns that I raised if we were to outright

support this when we may not be exhibiting the same 9 10 level of impact by maybe competing uses or a deflection or a natural deflection or something, I just haven't 11 12 heard that in our regions yet. Maybe from Anaktuvuk 13 there might be more concerns about the caribou but through October and November, I think the caribou start 14 15 to come through to Anaktuvuk where a lot of my 16 relatives, I seen, were very happy in getting their 17 caribou, little late but they got it. 18 19 And so looking at it from that 20 perspective, my suggestion would be to make 21 modification and limit the -- our sugges -- you know, a 22 suggested modification could be to exclude Unit 26A 23 altogether and -- and support Unit 23 with a radius 24 where it's not -- Joshua you seem to think it's a 25 localized concentrated area but if it's -- if you're 26 talking about Noatak area and then Selawik, having the 27 same concern of the caribou not coming that way, and 28 are you saying or suggesting that the transporter 29 problem is right in the Noatak drainage area? 30 31 MR. REAM: Thank you for the question, 32 Mr. Chair. For the record this is Josh Ream with the 33 National Park Service. I think one thing that, again, 34 the Board struggles with is that they don't have clear 35 evidence of what exactly the causes of deflection or 36 migration change over time are, and so without that 37 evidence, they struggle to have the authority to close 38 to non-Federally-qualified users. In Unit 23, we've 39 heard from a lot of parties since we've done the 40 targeted closure that they seem to like, or it seems to 41 be working to have the closure in the areas where it 42 currently is, in the Aggie, the Noatak and the 43 Squirrel. When there was a full closure, however, we 44 were hearing some concerns of communities along the 45 Kobuk River because they are primarily surrounded by 46 State land and so with the majority of Federal lands 47 being closed, or all Federal lands being closed in Unit 48 23 back then, they were seeing more State hunters near 49 their communities, and so it just provided a layer of 50 0203 complexity and might have, you know, further -- you 1 know, if there is an affect of nonlocal users on 2 3 caribou migration it may have been amplified by the 4 changes that were made because of the closure. 5 6 So it's just a really complex 7 situation. 8 9 But all I can say is that I've heard a 10 lot of positive feedback from folks in Noatak that hunt 11 in the Squirrel and the Aggie with those areas

12 remaining closed because of user conflict. 13 14 CHAIRMAN BROWER: Uh-huh. 15 16 MS. PETRIVELLI: Hello, Mr. Chair.... 17 18 CHAIRMAN BROWER: Yeah, I would..... 19 20 MS. PETRIVELLI: .....this is Pat 21 Petrivelli. 22 23 CHAIRMAN BROWER: Hey, all right, Pat, 24 go ahead. 25 26 MS. PETRIVELLI: I listened to the 27 Northwest Arctic meeting also and there were other people that were concerned about -- and the reason they 28 29 included 26A is they felt that because it was closed in 30 23, the transporters were going up to 26A and 31 interfering with the migration down to 23. So -- and 32 maybe that's why maybe more people are getting caribou 33 in 26A and Kyle Joly would know more about that 34 pattern. But that migration -- Northwest Arctic seemed 35 to really feel the transporters were interfering with 36 the migration pattern and that's why they included 26A. 37 38 And another thing is, because the 39 calving grounds are in 26A and they felt that -- they 40 heard that the transporters were saying, yes, we'll 41 take you to hunt right on the calving grounds and so 42 maybe they were concerned about that issue also. 43 44 CHAIRMAN BROWER: Uh-huh. Thank you, 45 Pat. And those are good insights to think about. 46 47 You know, I'm going to take my hat off for a second, too. You know, I have -- at least --48 49 these are public information, you know, people can 50 0204 1 query what happens at the Borough and things like that 2 when we do -- when we do permits and violations and we had worked with ASRC of unauthorized use of ASRC 3 airstrips by either transporters and big game guides. 4 5 And one of them actually we investigated all the way 6 with State Troopers and things that way, which ended up 7 on a hunting channel, and -- with Savage firearms and 8 we issued the violation notice and we actually made 9 inspector visits to the area that was suspected and 10 found the areas and issued the violation notice to some quides that were in the Haul Road region but extending 11 12 out of their concession area way to the west and so 13 there is some bit of, you know, these types of things 14 that I'm aware of. And also the communities in Point

Lay expressing concerns about these Piper Cubs with 15 16 guns and stuff hanging out and -- on these big balloon 17 tired Piper Cubs and like working in tandem and looking 18 for places to hunt near Point Lay. And it only leads 19 me to think that, you know, these are -- might be some 20 private individuals that are residents of the State of Alaska maybe, or guided operations, and we try to do 21 22 investigations of these type but they're not from the 23 North Slope, I can tell you that much, those aircraft 24 either coming out of Kotzebue or out of Fairbanks or 25 some other part of that, take the opportunity to -- and 26 go to these large concentrated areas for caribou and --27 and disturb and actually local hunters have expressed 28 concern about that. 29 30 So, yeah, I think there's a fair bit of that that goes on. And I had intended to get my Staff 31 32 to attend the Big Game Services Board meeting to look 33 at who's trying to get their license, or who's getting 34 sanctioned or other things like that. It's just 35 information and it's all public, it's not confidential 36 or anything. 37 38 MS. DAGGETT: Mr. Chair. This is 39 Carmen with Fish and Game. I'd like to add just a 40 couple of.... 41 42 CHAIRMAN BROWER: Yeah, go ahead, 43 Carmen. 44 .....information -- so I 45 MS. DAGGETT: 46 looked up some information for caribou from 26A and for 47 the last three years reported harvest by non-Federally-48 qualified subsistence users, the average was about 13 49 animals. In 2017 there were no animals harvested by 50 0205 non-Federally-subsistence users that were in 26A. 1 Ιn 2 2018 that number went up to 31. And in 2019 it went back down to 8. So the average is 13 but there was 3 some variability over the last couple of years and I 4 5 thought you guys might want to use that information to 6 inform some of the decisionmaking. 7 8 Thank you. 9 10 CHAIRMAN BROWER: Right. And when it's 11 a non-Federally-qualified user, it's just not a rural 12 resident, at this point, it could be an Alaska 13 resident, right? 14 15 MS. DAGGETT: So a non-Federally-16 qualified subsistence user would be someone that lives 17 outside the area, their residence is not within the

18 range of that herd, I believe, is how they define it 19 for caribou. But someone could..... 20 21 CHAIRMAN BROWER: Like somebody 22 from.... 23 24 MS. DAGGETT: .....correct me if I'm 25 wrong. 26 27 MR. OOMITTUK: Mr. Chair.... 28 29 CHAIRMAN BROWER: .....Fairbanks or 30 something like that. 31 32 MS. DAGGETT: Yes. 33 34 MR. WILLIAMS: Mr. Chair, this is Earl. 35 36 CHAIRMAN BROWER: I'm going to 37 recognize Earl. 38 39 MR. WILLIAMS: Yeah. I was going to put 40 a little input on that lady that just spoke about 26A. The village people are concerned because, you know, the 41 42 way the flights are going up to that State land, and 43 that's what's holding it up, and one elder guy told me 44 that it's just like it was being boxed in there, I said 45 what do you mean by that, he said, well, it's from the 46 road to Ambler and now there's already a road on the 47 north side, what are we going to do now, Earl, and I 48 said -- you mean all these flights going through there, 49 that's going up to -- Wright's Air, about 50, 60 50 0206 1 hunters there at the airport and you know we're was still having problems with flights there and they're 2 just coming and going and they're -- the caribous 3 4 migrate different ways, this one elder said, but, you 5 know, we can't visualize what's going on here, we need 6 to work on this proposal so that the village people 7 will be happy in these certain ways. 8 9 Thank you. 10 11 CHAIRMAN BROWER: Okay, thank you, 12 Earl. And was Steve next after that. 13 14 MR. OOMITTUK: Yes. 15 16 CHAIRMAN BROWER: Okay, go ahead. 17 18 MR. OOMITTUK: You know during the 19 month of August when caribou season opens and moose 20 season for harvest -- non-resident people, whether

they're sporthunters or people coming in to harvest 21 22 that used to live in that area but no longer live 23 there, especially in the NANA area, and through the 24 month of August and the month of September, you know, 25 the abundance of non-residents that are coming in to 26 Kotzebue, you know, to harvest is a large number of 27 people, I mean you're talking plane loads, and then 28 sometimes it's very hard for you to get a flight 29 because they're booked and having that accurate number 30 of exactly who's coming and going and this is just only 31 people coming to Kotzebue and, you know, like when you 32 said, Gordon, you know, you see different aircraft and 33 you have hunters that -- whether they're sporthunters 34 or whatever that come with airplanes that have the 35 money to pay for guides that come into the territories 36 of Unit 23 whether to harvest moose or harvest caribou, 37 whether it's in 26A or Unit 23, it's a high number. 38 What they're saying, and estimating they're low numbers 39 -- it's -- we see it with our own eyes, you know, 40 especially in the Northwest Arctic Borough because I 41 fly through Kotzebue a lot, especially -- and, you 42 know, it's hard to get a flight out of Kotzebue or from 43 Anchorage to Kotzebue because of the abundance of 44 hunters that have these planes booked and then you're 45 talking on a daily basis. 46 47 And I would support this proposal and 48 with some of the modifications that you suggested and, 49 you know, they are our neighbor villages and they are 50 0207 1 subsistence hunters, they are in a very high cost of 2 living area. We're very fortunate that on the North 3 Slope that we're subsidized with other things such as 4 fuel to heat our homes. A lot of people in the NANA 5 area, they support on their subsistence hunting, and 6 just for the fuel alone, to heat their house, some of 7 them are paying \$14, \$15 a gallon for diesel, stove oil, and the gas is a lot higher, too. I don't know 8 9 how much they pay for gas, a lot of these communities you got to fly through them, they're not on the coastal 10 11 villages. You know, we're very fortunate up north 12 where we are subsidized by the North Slope, especially 13 with our heating and our electricity bills, you know, we don't pay -- but we still live in a high cost of 14 15 living and we still -- you know, the high cost of 16 travel, the high cost of freight, but we still are 17 subsistence hunters. 18 19 I would support our neighboring 20 villages and -- because like I said yesterday, that a 21 lot of the migration of the Western Arctic Caribou Herd 22 has not been coming through in these areas, and I talk 23 with local hunters because they're our neighbors, I

24 know them. I -- you know, I'm on the Western Arctic 25 Caribou Herd Working Group. And the Western Arctic Caribou Herd Working Group met in December and 26 27 supported any closure to non-residents and sporthunters 28 within Unit 23 on Federal lands. They would support 29 that. Yeah, we passed that in the past and they are willing to support and -- and -- because they know the 30 31 importance of rural Alaska and subsistence hunting and 32 the high cost of living just to put food on the table. 33 34 CHAIRMAN BROWER: Thank you, Steve. I 35 know we're at lunch hour, do you guys want to recess 36 for lunch? 37 38 MR. WILLIAMS: Yes, from Earl. 39 40 MS. PATTON: Mr. Chair. 41 42 MR. OOMITTUK: No, we're under.... 43 44 MS. PATTON: Mr. Chair, if I may..... 45 46 MR. OOMITTUK: .....discussion, and I 47 don't know if we're done on the discussion and I know 48 we could go into a vote and with the modifications that 49 you suggested, the motion to modify this..... 50 0208 1 MR. WILLIAMS: Mr. Chair. 2 3 MR. OOMITTUK: ....proposal to go with 4 it, I know you had made some suggestions and then after 5 we do this proposal maybe we can go to lunch. I know 6 if there's any other questions on it or..... 7 8 CHAIRMAN BROWER: Uh-huh. Well, I'm 9 not sure, you know, listening to Josh Ream earlier 10 about the shift in transporters that might be 11 transporting in Unit 26A, I would almost tend to think 12 about just supporting this as it is. If I was going to try to think that a way to modify it, it might be that 13 14 a 30 mile radius around each village with a 15 modification to define the 30 mile radius around each village as an area of influence to affect that for 16 17 those two months. And at the same time, I don't know 18 if that would do it or not. Just trying to, you know, 19 we try to, at the North Slope Borough, define a village 20 area of influence where the community describes the 21 immediate boundaries outside of the village boundaries 22 that provide for the contemporary use, traditional and 23 subsistence use to support the community, and we define 24 those as village area of influence where we should give 25 subsistence a little higher priority to allow for local 26 use, rural -- it's almost like a rural preference area

27 or something. But I'm not sure if that's -- if that 28 would help, there's so many different things here. 29 30 So with that if you -- it would be up 31 to the Council whether to modify it now or to support 32 it just the way it is and then go to a vote with that. 33 34 So we're at discussion. 35 36 You're right, we're at discussion. 37 38 MR. OOMITTUK: Mr. Chair. Steve for the record. While we're under discussion, I would 39 40 support your decision on keeping it the way it is and come to a vote and I don't know if you need a roll call 41 42 vote or if we're going to do it all at once. If 43 there's no other questions or comments I would call for 44 the question. 45 46 CHAIRMAN BROWER: All right. 47 Question's been called for on Special Action 21-01 48 ending discussion. For all those in favor of 49 supporting Special Action 21-01 signify by saying aye. 50 0209 1 IN UNISON: Aye. 2 3 CHAIRMAN BROWER: All those opposed, 4 same sign. 5 6 (No opposing votes) 7 8 CHAIRMAN BROWER: Hearing none, ayes 9 have it. North Slope Regional Advisory Council 10 recommendation is to support 21-01. 11 12 So we'll get that out of our hair. 13 Thank you very much Council, a very healthy discussion. 14 15 And before we go to the Board of Game 16 proposals, we got, I think two of them, to deal with, 17 do you guys want to take a lunch recess. 18 19 MR. OOMITTUK: It is going on 12:16, is 20 45 minutes long enough to be back at 1:00 o'clock. 21 22 CHAIRMAN BROWER: It's the wish of the Council. 45 minutes be back at 1:00 o'clock, or 1:15, 23 24 either one. 25 26 MR. WILLIAMS: 1:00 o'clock. 27 CHAIRMAN BROWER: Okay. We're at 28 29 recess until 1:00 o'clock.

31 (Off record) 32 33 (On record) 34 35 CHAIRMAN BROWER: Okay. So we did on 36 item 11, call for Federal wildlife proposals, commented 37 and embraced the special action 21-01. So we're done 38 with that one. 39 40 And we did amend the agenda in the 41 beginning to -- so that we can go through the Board of 42 Game proposals. And I suggest we go through the -- I 43 think there were two remaining ones that we were 44 waiting for Carmen so that we can ask the questions. 45 46 MS. PATTON: Thank you. 47 48 CHAIRMAN BROWER: So I'm going to go to 49 those proposals..... 50 0210 1 MS. PATTON: Thank you, Mr. Chair. 2 I.... 3 4 CHAIRMAN BROWER: .....Board of 5 Game.... 6 7 MS. PATTON: .....did just want to 8 reconfirm Steve Oomittuk started some discussion with 9 the Council yesterday about a Federal subsistence 10 proposal for caribou in unit 23. And I just wanted to confirm, so the Council just passed the -- or supported 11 12 the special action request regarding caribou and moose 13 in unit 23 and 26A that was submitted by the Northwest 14 Arctic Council. So that is a temporary special action request for 2021, for fall of 2021. So I just wanted 15 16 to confirm if Steve had wanted to follow-up with a 17 Federal subsistence proposal for unit 23 still or if he 18 felt that was probably by the special action request. 19 I just wanted to reconfirm before we move on. 20 21 Thank you. 22 23 MR. OOMITTUK: Yes. And I -- I'll --24 Mr. Chair, if I can ask -- comment on that. And --25 and.... 26 27 CHAIRMAN BROWER: Go ahead. 28 29 MR. OOMITTUK: Yes. 30 31 CHAIRMAN BROWER: Go ahead. 32

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33 MR. OOMITTUK: That -- that would..... 34 35 (Teleconference interference -36 participants not muted). 37 38 MR. OOMITTUK: .....for us, unit 23, 39 within our area and that was a concern. And -- and I 40 don't know, that states -- I know in the past we've 41 passed it on the Federal lands to nonresidents and 42 nonresident is a wide variation of people which 43 includes sporthunters that aren't on Federal lands. 44 And now this is what we -- is similar to what we just 45 proposed to support. 46 47 But with that said I don't think I'll 48 be bringing that -- that one, but there was something 49 else on muskox that -- that got my attention. 50 0211 1 MS. PATTON: Thank you, Steve, for --2 for confirming that. 3 4 Yes, and then the muskox proposal 5 discussion was coming up under one of the Board of Game proposals that the Council had started yesterday. 6 But 7 if we still have Carmen Daggett available then she 8 would be available to address more questions on that 9 Board of Game Proposal for muskox. 10 11 Thank you, Mr. Chair. 12 13 CHAIRMAN BROWER: Yeah, Eva, this is 14 Gordon. Normally we get our rule books when we're 15 working on proposals and stuff, you know, what our 16 current regs say in Federal public lands. And I'm not 17 sure if I got that on the existing regs and I wanted to 18 see in unit 26A what the current regs allow for moose 19 for qualified subsistence users? 20 21 MS. PATTON: Thank you, Mr. Chair. The 22 -- the Federal subsistence regulatory books, the 23 publishing was a bit delayed due to a delay in the 24 Federal Register, but meeting books were mailed out to 25 the Council with -- end of November, early December. 26 And there should have been a copy also with the meeting 27 book materials, but I can review 26A moose you were 28 looking for? 29 30 CHAIRMAN BROWER: Yeah. If you can --31 if you can read what the current reg is on that it 32 might help me because I'm -- I'm thinking about a 33 proposal myself for -- to introduce and -- and see if I 34 can't persuade the Council to think about it. But --35 but I would like to see what our current regs say on

36 the unit 26A. 37 38 MS. PATTON: So there were several 39 regulations, one under 26 -- unit 26A, that portion of 40 the Colville River drainage upstream from and including 41 two of the Anaktuvuk River drainage, one bull, August 1 42 to September 14. And then there is the area unit 26A, 43 that portion of the Colville River drainage upstream 44 from and including the Anaktuvuk River.... 45 46 CHAIRMAN BROWER: Can you go slow. 47 Eva, if you can restate.... 48 49 MS. PATTON: Certainly. 50 0212 1 CHAIRMAN BROWER: .....from the first 2 one? 3 4 MS. PATTON: Yes, I'll -- I'll start 5 again. So unit 26A, that portion of the Colville River 6 drainage upstream from and including the Anaktuvuk 7 River drainage, one bull and that's August 1st through 8 September 14th. 9 10 CHAIRMAN BROWER: And I want to understand better that from the Colville River 11 12 drainage, does that exclude north of Ana -- of the 13 Colville River? I'm trying to define the area of --14 some of the language when you -- when you read it, it 15 says certain things and I want to understand if this 16 one bull includes Chipp River or if it includes around 17 by Wainwright or those areas? Maybe somebody can make 18 it more understandable. 19 20 MS. PATTON: Yeah. So there's several 21 hunt areas defined with different seasons and I know, 22 you know, one of the hunt areas that's been of -- of 23 discussion for the Council is that portion west of 156 24 longitude. 25 26 CHAIRMAN BROWER: Uh-huh. But I want to know what this one bull -- I want to know what this 27 28 one bull is for unit 26A, Colville River. Is it just 29 on the Colville River or is it 30 miles on either side 30 of the river or what does this regulation do, August 1 31 to September 14, one bull, unit 26A? 32 33 MS. PATTON: I'm just looking here. 34 And I don't know if we have..... 35 36 CHAIRMAN BROWER: Either -- maybe 37 Carmen knows it or what -- what is -- what does all 38 that little language mean?

39 40 MS. PATTON: Yeah, and this is -- this is what's in Federal regulation here and maybe we have 41 42 Chris McKee online as well to help define in the 43 Federal hunt area for those BLM lands. 44 45 MR. McKEE: Yeah, Eva, this -- yeah, 46 the problem is is that the -- the maps and the -- and 47 this is Chris with BLM. The -- the problem is is that 48 the maps in the Federal regulations are of a very 49 coarse scale so, you know, the -- the only areas that 50 0213 1 are Federal regulations is 26A where the harvest limit is one bull is in 26A, that portion of the Col --2 3 Colville River drainage upstream from and including the Anaktuvuk Riv -- Anaktuvuk River drainage. And also 4 5 unit 26A remainder which is basically everything that's left over in unit 26A after you've already described 6 7 the other two hunt areas in the unit. So unfortunately the scale that these -- these hunt areas are at just 8 9 doesn't -- and in the map on -- in the reg book which 10 is on page 128, just doesn't show that level of 11 detail.... 12 13 CHAIRMAN BROWER: Does in include..... 14 15 MR. McKEE: .....unfortunately. 16 17 CHAIRMAN BROWER: .....all of NPR-A, 18 that -- that language? 19 20 MR. McKEE: Yes. I mean, the -- the 21 area that's within the Colville Riv -- I'm sorry, Colville River drainage includes -- is that -- the 22 23 Federal land within that portion of 26A is all within 24 the NPR-A. 25 26 CHAIRMAN BROWER: Okay. So let's just 27 say we saw a moose just north of this gigantic lake 28 called Teshekpuk -- Teshekpuk Lake. I can catch that 29 bull moose with this req. 30 31 MS. DAGGETT: Mr. Chair, this is 32 Carmen. 33 34 CHAIRMAN BROWER: Yeah, go ahead. 35 36 MS. DAGGETT: So there -- for future 37 reference there's some maps on the Fish and Game 38 website and I can share that link with you for those 39 maps. And the regulations and how they're defined are 40 pretty concurrent between the Federal and State 41 regulations so the State maps should work for the

Federal regulations too from what I can glean from 42 43 looking at those sets of regs. But 26A remainder, the 44 one bull that is defined under Federal regs, you look 45 at the State maps and what is defined is 26A remainder 46 in those, that would include the area north of 47 Teshekpuk Lake, it would include basically everything easy of the 156 west longitude. So you could get a 48 49 bull on the Chipp River if you wanted to during that 50 0214 1 time period. 2 3 CHAIRMAN BROWER: All right. Yeah, 4 it's -- it's these kinds of things that lead you to 5 think why do we have a west 156 for a -- and that's 6 authorization each year for an antlerless moose and --7 and it just doesn't quite make sense to me when we can 8 go out and get a bull moose and -- and then make some 9 other language for another moose, it could be a bull or 10 a -- or a cow without horns and, but put an edge to it 11 at 156 west. 12 13 Anyway, it's just..... 14 15 MS. DAGGETT: Mr. Chair, would you like 16 me to.... 17 18 (Teleconference interference -19 participants not muted). 20 21 CHAIRMAN BROWER: Yeah, it just -- it 22 just makes for confusion in my mind. 23 24 MS. DAGGETT: So I guess my -- my 25 question to you is it more that there's this boundary 26 that is sort of abstract and not defined by natural 27 features or is it more really that the area and the --28 and the -- kind of the desire to be able to hunt an 29 antlerless moose in the Chipp River area. I just --30 I'm try -- I tried to discern where the confusion there 31 is and I -- and I can't quite figure out where the problem is, if it's -- if it's that there's this 32 33 boundary that's not natural that is catching up or if 34 it's that you would like to have the ability to hunt an 35 antlerless moose further eastward. I -- I -- so can 36 you answer that for me? 37 38 CHAIRMAN BROWER: Well, first thing I 39 -- I want to know what our current regs say and that's 40 one boo -- bull moose and that's available to all of 41 the communities in the Federal lands there. So that --42 that's good, I'm not going be ever confused with that 43 any more unless we change it. But the antlerless moose 44 and -- and then put an edge. So what makes the -- the

bull moose in practically the same period of time, not 45 46 -- not being described like you said on -- against that 47 boundary that it's to preserve mating or recruitment. 48 And what's not to say that the -- the moose that -- the 49 bull moose is not part of the recruitment process as 50 0215 1 well. And it just seems like if you're going to have one antlerless moose you should have defined it by that 2 3 boundary of 156 west. It's just my thoughts. 4 5 MS. DAGGETT: Mr. Chair, that's a --6 that's a fair question. So really the issue is are we 7 going to allow people to be able to harvest a female moose that could be -- could be fertile in a population 8 9 that's low. And even though bull moose are important 10 in -- in procreation, female moose have a larger impact 11 on population growth than bull moose do. It only takes 12 one bull moose to impregnate a fertile female and they 13 can -- and they can breed multiple females whereas, you 14 know, that's not really true the other way around. So, 15 you know, if -- if you take a viable female out of the 16 population, you are reducing your ability to be able to 17 grow that population fast. 18 19 And so the amount of area that's made 20 available for harvesting potentially a female moose, I 21 mean, it -- antlerless moose doesn't necessarily have 22 to be female, but it doesn't exclude females. And it's 23 -- they can -- they're hard to distinguish from each 24 other which is part of the way this regulation is 25 written the way that it is for a moose, you know, 26 especially during that time of year because they 27 probably won't have antlers. 28 29 So that's -- that's kind of why that --30 there's that distinction there, that you can take a 31 bull where there's more moose in the population, but 32 when you get to the area, you know, where you're 33 talking about, you know, having females really being 34 the limiting factor for moose growth -- population 35 growth, you -- the level of impact that you have when 36 you take a female moose out of the population is more 37 significant than when you take a bull out. 38 39 So that's kind of the reasoning why, 40 you know, trying to preserve areas where there are 41 breeding females is important to try to continue the 42 viability of the population in the area particularly 43 when the population is low. 44 45 Does that make sense? 46 47 CHAIRMAN BROWER: Yeah, I think it

48 makes -- it makes some sense. But also when you're 49 proposing to do a muskox and then -- then you put the 50 0216 1 same boundary again 156 whatever it is, it seems to be 2 sticking to some proposals like that. And I'm not 3 exactly sure if the 156 is the mating line or not, you 4 know. 5 6 MS. DAGGETT: Yeah, so, Mr. Chair, that 7 -- that boundary for muskox is -- is for a different 8 reason. So it's not so much a mating boundary as it is 9 a population boundary. So and for the record, you 10 know, the reason why I brought that area up was because I wanted people thinking about roughly where the 11 12 division needs to be, but I still think it would be better to try to have a natural boundary to reduce 13 14 confusion with hunters on the ground. 15 16 And so when I was in discussion with 17 the unit 26B biologist who manages the muskox 18 population in unit 26B, those muskox are part of a 19 population that is around 300 and it is just reaching 20 its management objective, it's not large enough to open 21 a hunt yet. And so the reason why there needs to be 22 some division in game management unit 26 for that hunt 23 is because there are two distinct populations in 26A 24 and one of them is growing and seems to be doing okay 25 and it has a population that's high enough to sustain 26 some harvest which is the one that, you know, we were 27 talking about, the Cape Thompson population earlier. 28 29 The one that's easter -- eastern side 30 of 26A around like Nuigsut, that population is just 31 reaching its management objective and it's also under a 32 different jurisdiction. So that population is mostly 33 managed out of the Fairbanks office under Beth Leonard. 34 And she expressed that she did -- she did not want 35 anything including Ikpikpuk and eastward to be 36 potentially harvested from. And so that's why we were 37 looking for a boundary that made some sense, that was 38 Ikpikpuk and eastward -- including the Ikpikpuk and 39 eastward. 40 41 And so because people in 26A are 42 already using this boundary for moose and it's the 43 general area that we need to be in, I thought that was 44 a place where we could start discussion. However I 45 don't think that it necessarily has to be the -- the 46 way that it's written. In fact that's I asked you at 47 the last meeting what you thought a better natural 48 boundary would be. 49 50

0217 1 So that being said I hope that helps disentangle some of that confusion about logic and 2 3 reasoning why things are structured the way that they 4 are. 5 6 And I'm happy to answer more questions 7 if you have more. 8 9 CHAIRMAN BROWER: Yeah. Thank you. 10 And I think Ikpikpuk east, if you did that, I think 11 that would be better than what you're proposing with 12 156 west because 156 west is about 15 miles to the west 13 of Ikpikpuk. And I think those are important things to 14 -- to look at because, you know, if you were to go to 15 150 -- 155 or just follow the Ikpikpuk River drainage, 16 you know, I don't know that the populations will be 17 discernible between either side. I know there's -- is 18 Beth Leonard State or Federal or.... 19 20 MS. DAGGETT: She's -- Mr. Chair, she's 21 the State area biologist for unit 26B and she's 22 actually the -- you know, helps manage 26C as well. 23 And I guess one of her concerns is also the western 24 delta of the Ikpikpuk area and wanting to exclude that 25 population or that portion of the population. 26 27 So, you know, even if, you know, we said something like -- you know, we wanted to 28 29 completely exclude every animal that was or around the 30 mouth of the Ikpikpuk River and we did the Chipp River 31 instead or the Topagoruk, I think either of those might 32 be more favorable just given my discussions with her. 33 However that doesn't necessarily help us define the 34 southern portion of it because it's got to go all the 35 way -- the boundary has to go all the way to unit 23. 36 And so there's not much river systems that go the whole 37 length of the game management unit because it's really 38 long. So I think that part of the challenge here is 39 just really trying to find something that makes sense 40 as a far as a natural boundary goes north south. 41 42 CHAIRMAN BROWER: Uh-huh. All right. 43 Anyway it's just interesting. I -- I like to bring that up because it just seems like it's a -- it's an 44 45 area where there's a -- seem to be a lot of exclusion 46 and -- and Chipp and Ikpikpuk is a -- you know, it's a 47 accessible area by many families that use that area. 48 And -- and you have to be very aware what 156 area is. 49 So in any event.... 50 0218 1 MS. DAGGETT: Well, Mr. Chair, would 2 you be happier with lining up with the Chipp River and

including the Chipp River in the western side of things 3 4 because I think -- I think that that would probably be 5 doable, it's just it needs to be further west of the 6 Ikpikpuk. 7 8 CHAIRMAN BROWER: Uh-huh. 9 10 MS. DAGGETT: Would that work or no? 11 12 CHAIRMAN BROWER: Yeah. Well, the --13 well, the Chipp River is between the Ikpikpuk and the 14 Topagoruk, between Ikpikpuk, (in Native), Chipp and --15 and Topagoruk. So.... 16 17 MS. DAGGETT: Right. 18 19 CHAIRMAN BROWER: And we do see.... 20 21 MS. DAGGETT: So I..... 22 23 CHAIRMAN BROWER: .....muskox from time 24 to time, they're not always there. And, you know, I've 25 seen them on more than one occasion where there's eight 26 -- eight or 10 of them together moving around. They 27 usually just disappear. 28 29 MS. DAGGETT: So if the Chipp River was 30 included and it was like defined as you know, the Chipp 31 River south, you know, extending and, you know, towards 32 unit 23 somehow westward, would you be happy with that? 33 34 CHAIRMAN BROWER: Yeah, I -- I think we 35 -- you know, if it's -- yeah, I think things like that, 36 even if it was on not even a natural boundary, but 156 -- 155 going south and -- would, you know, anyway that 37 38 -- that's -- since you've been using numbers. 39 40 MS. DAGGETT: Yeah, Mr. Chair, I guess 41 one thing that I would say though is that I've had lots 42 of questions from hunters about where that line is 43 during the moose hunt. And I've actually had a moose 44 taken out of season because there was confusion about 45 where that line was. And so..... 46 47 CHAIRMAN BROWER: Uh-huh. 48 49 MS. DAGGETT: ..... I do think it would 50 0219 be beneficial to have it be a natural boundary instead 1 2 of a line of longitude. 3 4 CHAIRMAN BROWER: Uh-huh. If we're 5 going to put a -- a....

6 7 MS. DAGGETT: I think it's..... 8 9 CHAIRMAN BROWER: ....river name on it 10 I would do -- I think comfortable with Aluktuk River going south because Aluktuk is -- will -- will connect 11 with the Ikpikpuk, you know, and -- and that's where it 12 13 is set. It's set from the Ikpikpuk River. If you were 14 looking for a natural boundary I would -- because 15 Aluktuk River is about maybe two miles to three miles 16 to the west of the Chipp River. 17 18 MS. DAGGETT: So west or to the east, 19 on the map that I'm looking at it looks like it's to 20 the east? 21 22 CHAIRMAN BROWER: Oh, to the east. To 23 the east. Aluktuk is about two miles to three miles 24 east of the Chipp River. 25 26 MS. DAGGETT: Okay. 27 28 CHAIRMAN BROWER: And then connects to 29 the Ikpikpuk and then the remainder of it should follow 30 Ikpikpuk on up. 31 32 MS. DAGGETT: All right. So I'll --33 I'll certainly -- I think that that will be important 34 to include in your comments and I can certainly talk 35 with others about it too and see how they feel about 36 that boundary. But I think, you know, if you included 37 that in your comments from, you know, the RAC regarding 38 the muskox proposal that that would be helpful and --39 and I think would probably be better for hunters on the 40 ground too. 41 42 So thank you for your comments. 43 44 CHAIRMAN BROWER: I mean -- yeah, I 45 mean, I don't think we're going to go out there and --46 and -- you know, this will be probably a very 47 controlled hunt anyway, you know. 48 49 MS. DAGGETT: Yes, it'll probably be a 50 0220 1 tier two hunt. Although that's a Board of Game 2 decision. 3 4 CHAIRMAN BROWER: Yeah. Well, I think 5 we should do a Federal proposal for muskox in that area for -- for the same as -- for the Federally-qualified 6 7 users. Anyway it's very -- very good to make time and 8 talk about these thoroughly and especially if there's

9 some proposals being entertained. 10 11 So with that I'm going to -- I think I 12 kind of like.... 13 14 (Teleconference interference -15 participants not muted). 16 17 MR. OOMITTUK: I have a question, Mr. 18 Chair. 19 20 CHAIRMAN BROWER: Yeah, go ahead, 21 Steve. 22 23 MR. OOMITTUK: So I know we keep going 24 back to moose and then muskox in the same area there. 25 But so if I heard right you said the population is about three -- I mean, 300 and then for -- to harvest a 26 27 muskox what -- what's the rate that you guys are 28 allowing, is that -- I know there was talk about 29 harvesting one antlerless moose so I -- I was going to 30 moose and antlerless and muskox I was thinking, you 31 know, within that area of allowing, you know, 32 especially moose that come in that very rarely come 33 into that areas at times, even in our area. And -- and 34 when you have guidelines on catching a moose at certain 35 times of the year when they're not around or -- or 36 having to submit a permit or -- or pay for a permit or 37 is that the guidelines that you have to do and we -- we 38 never know if we're going to see a moose in that area 39 or even harvest one. And to pay for a license or a 40 permit to harvest one when you don't even know it's 41 going to be there. I -- I know in our area we very 42 rarely see moose. 43 44 But, you know, and you mentioned -- I 45 don't know if it was one muskox that you were talking 46 about annually for that area with a population of 300 and then for unit 23 and 26 and population of 900 and 47 48 you're allowing 12 and the growing rate of population 49 is about a hundred a year and growing. And, you know, 50 0221 and that normally wasn't in our area that was 1 introduced back, you know, it -- it just doesn't make 2 3 sense to me sometimes when I try to add -- figure things. And -- and that we should be able to hunt 4 5 moose -- I mean, muskox within our area and, you know, 6 that's why I'm submitting a proposal. 7 8 But I'm just trying to get what she --9 on -- on the east side of the Borough and the boundary lines on the Brooks Range up in their neck of the 10 11 woods, Ikpikpuk River and Colville and I'm not familiar

12 with those areas, but I -- but I heard of them. 13 So.... 14 15 MS. DAGGETT: Mr. Chair, I can try to 16 address Steve's concerns there if you like. 17 18 CHAIRMAN BROWER: Yeah, go ahead there, 19 Carmen. 20 21 MS. DAGGETT: So the -- the annul bag 22 limit for muskox in either location, either in, you 23 know, the western portion of 26A or the eastern 24 portion, the bag limit is always going to be one a year 25 for hunters unless the population gets super high. 26 Right now there's kind of not enough muskox to go 27 around to let everybody have one so that tier two 28 process is sort of what's in place to help distinguish 29 among users and -- and help provide an opportunity even 30 though the population isn't very large. 31 32 Now you mentioned the population on the 33 eastern side for muskox and so that relation, eastern 34 side of 26A on into 26B, most of those animals are in 35 26B the majority of the time. There are -- there have 36 been a few that have been documented further westward. 37 And so we're trying to keep that population closed 38 because it -- it's not large enough to sustain harvest 39 right now. So that's part of the reason why this split 40 is needed between the game management unit area. 41 42 It's a little tricky with moose, Steve, 43 and I -- I think there might have been a little bit of 44 confusion there. So there are opportunities for you to hunt moose. None of these permits you have to pay for, 45 46 the only thing that you may have to pay for if you're 47 under 60 is a hunting license to be able to get the 48 permit. However hunting licenses are generally 49 required for hunting any terrestrial game species. So 50 0222 1 whether you're getting caribou or moose or muskox, that 2 same hunting license you should be getting or get a 3 permanent one that costs nothing if you're over 60. So you just have to get different permits and those 4 5 permits don't cost anything once you get the hunting 6 license. And there's also low income licenses for 7 people that are like \$5. So if people have financial 8 issues they can just get those. And you can get them 9 online, you can get them in person at a Fish and Game 10 office. If you're having a hard time getting them in a 11 village you can call me and I can try to help you 12 figure out a way to get you one. We try to be as 13 flexible as possible for working with people in 14 villages. And so, you know, the -- getting hunting

licenses is part of being able to legally hunt animals 15 16 on the North Slope and across the State. So that's 17 kind of the deal with that. 18 19 And, you know, you certainly have some 20 opportunity currently in Point Hope to be able to get 21 both moose and muskox although the muskox thing like I 22 ex.... 23 24 (Teleconference interference -25 participants not muted). 26 27 MS. DAGGETT: .....still requires going 28 through an application an and drawing process because 29 there are so few available. Moose on the other hand is 30 a -- is a general season permit. Anyone can get those within the State of Alaska and they're available 31 32 online, they don't cost you anything and you can get 33 them -- if you can't get one online and you can't get 34 one in person from a local vendor, then call me up and 35 I'll figure out how to get you one. 36 37 So that's kind of the gist of that and 38 I think that answers all the questions that you had, 39 there was some things in there that..... 40 41 MR. OOMITTUK: Yeah. 42 43 MS. DAGGETT: .....that..... 44 45 (Teleconference interference -46 participants not muted). 47 48 MR. OOMITTUK: Yeah, this is Steve 49 again. And just, you know, out of curiosity, you know, 50 0223 I know that bag limits and certain amount of permits 1 that are awarded and I understand that rural areas have 2 3 priority. But permits and what is giving us, you know, permits to, you know, is statewide, you know, and --4 5 and we're limited and I would think that the rural 6 areas that live within their communities, their 7 subsistence hunt -- hunters have top priority. 8 9 And then just out of curiosity what, 10 you know, when you do have a bag limit what majority 11 goes to the residents within that area compared to 12 nonresident? 13 14 MS. DAGGETT: So, Steve, let me make 15 sure I'm understanding your question correctly. You're 16 wondering first of all about what species because the 17 way that the moose hunt is structured and the way that

the muskox hunt is structured and the way the caribou 18 19 hunts are structured are all very different from each 20 other. And so which species are you talking about to 21 start with? 22 23 MR. OOMITTUK: Well, yeah, I'm talking 24 about moose.... 25 26 MS. DAGGETT: Okay. 27 MR. OOMITTUK: .....because we see a 28 29 larger number of people coming in for moose or, you 30 know, especially in unit 23 within the NANA area and 31 coming up towards the north. 32 33 And also, you know, muskox, you know, 34 in that area also and sportshunters that want to get 35 muskox and they're only limited so much and, you know, 36 that that these permits are competitive or are they 37 vital for subsistence users to have top priority in 38 these numbers. And I was just curious of what exactly 39 are the numbers that is given to nonresidents to --40 versus residents especially with moose or with the 41 limited amount of muskox.... 42 43 (Teleconference interference -44 participants not muted). 45 46 MS. DAGGETT: Good question, Steve. So 47 first of all moose in both unit 23 and in unit 26A are 48 closed to nonresidents. So there's no season for 49 nonresidents to come take moose in either game 50 0224 1 management unit. And furthermore the entirety of 26A 2 is a controlled use area during the moose hunting 3 season for aircraft. So, you know, during the time 4 period where the moose hunting seasons are open, people 5 are not allowed to use aircraft to go hunt for moose. And except if they were going to take a flight, like a 6 7 scheduled flight, like a Wright flight or a -- like a 8 Ravn flight from like Barrow to Wainwright or whatever, 9 they could do that, but they can't use a personal 10 aircraft to go -- to go anywhere beyond that. So, you know, that's something to -- to keep in mind. The 11 regulations say that that controlled use area, July 1 12 13 through September 30th and from January 1st to March 14 31st is closed to the use of aircraft for moose 15 hunting, including the transportation of hunters, their 16 gear and parts of moose. However this does not apply 17 to transportation of moose hunters or gear with parts 18 by aircraft between publicly owned airports in the 19 controlled use area. 20

21 So I -- they could use their personal 22 aircraft to go in between airports, but they could not 23 use it to go out onto the landscape beyond those 24 village based runways. So there's that that kind of 25 restricts moose hunters. 26 27 And then there's a similar controlled 28 use area in Anaktuvuk Pass for caribou that controls 29 the aircraft -- use of -- during caribou hunting season. So that's from August 15th to October 15th for 30 31 aircraft except on the publicly owned airports. 32 33 So there's that and then, you know, as 34 far as muskox goes the hunts that we've been talking 35 about for muskox, they are only for Alaska residents, 36 they are not for nonresidents. So and I just want to 37 be clear, there's a difference between a Federally-38 qualified subsistence user and a nonresident. So a 39 Federally-qualified subsistence user lives in the area 40 and utilizes the resources in that area. A nonresident lives outside the state or outside of the country. 41 42 Well, that's an illegal alien -- well, an alien is how 43 they define it in regulation, not illegal alien. So, 44 you know, anyone from outside the country, anyone from 45 outside the state, would fall under those nonresident 46 regulations as defined by the State. 47 48 Now non-Federally-gualified subsistence 49 users are a Federal definition and, you know, that kind 50 0225 1 of comes a whole different spot of information with that. And it's a little bit defined -- it's defined by 2 3 the species because caribou have a different definition 4 of what that is than -- than other species from what I 5 understand. But that's a little bit outside my realm 6 of expertise..... 7 8 (Teleconference interference -9 participants not muted). 10 11 MS. DAGGETT: .....probably just 12 talking about some of this. 13 14 MR. OOMITTUK: Okay. Thank you. And 15 thank you for clarifying that because, you know, when 16 we talked about Federally-qualified users and -- and 17 when you live in the rural areas there are others that 18 have Federally recognized tribes that are members. And 19 it gets a little confusing that it's only for the 20 tribal members, Federally recognized tribes that -- and 21 when you have that and but it includes residents that 22 are not tribal members, but are residents and live 23 within each of the communities.

24 25 So it gets a little confusing sometimes 26 just to people. 27 28 MS. DAGGETT: I agree. I agree. So 29 did that answer all your questions, Steve? 30 31 MR. OOMITTUK: Yes. Thank you. 32 33 MS. DAGGETT: You're welcome. 34 35 MS. PATTON: Mr. Chair and..... 36 37 CHAIRMAN BROWER: All right. 38 39 MS. PATTON: .....Council, if I may. 40 This is..... 41 42 CHAIRMAN BROWER: Yeah, go ahead, Eva. 43 44 MS. PATTON: .....this is Eva. Thank 45 you, Mr. Chair and Council. Just wanted to follow-up. 46 47 So I -- I hear from the Council an interest in supporting that Board of Game proposal 193 48 49 with an amendment that you had suggested, Gordon, using 50 0226 the Aluktuk River southwest of the Aluktuk River south 1 2 as the boundary for that unit 26A muskox hunt. And 3 I've heard the Council discuss an interest in submitting a proposal -- Federal subsistence proposal 4 that would mirror that. If the Council is interested 5 6 in that, one way to approach that at this meeting would 7 be to make the motion to support this Board of Game proposal with the amendments and the language that you 8 9 want to see and then follow-up with a proposal to the 10 Federal Subsistence Board to mirror that if that's --11 if that's what the..... 12 13 (Teleconference interference -14 participants not muted). 15 16 MS. PATTON: .....Council is wanting to 17 do. 18 19 Thank you. 20 21 CHAIRMAN BROWER: Thank you, Eva. 22 23 MR. OOMITTUK: Mr. Chair. So moved. 24 25 CHAIRMAN BROWER: Yeah, go ahead. 26

27 MR. OOMITTUK: I make a motion for 28 adopting the proposal 193, hunting season bag limit for 29 muskox. Establish a hunt muskox within the portion of 30 unit 26A as follows. And -- and once we come into 31 discussion, I don't know we can make any amendments or 32 suggestions on this. 33 34 CHAIRMAN BROWER: Well, we're going to 35 try. There's a motion on the floor from -- from Steve 36 from Point Hope to -- for the proposal for 193 to adopt that. 37 38 39 MR. WILLIAMS: I second. Earl. 40 41 (Teleconference interference -42 participants not muted). 43 44 MR. WILLIAMS: That's been seconded by 45 Earl. Discussion. 46 47 MS. KIPPI: Question. 48 49 MR. OOMITTUK: Yes. I got a question. 50 0227 1 This is Point Hope. And, you know, we -- we talked 2 lengthy about the muskox earlier this morning 3 especially within the Cape Thompson area and Delong mountain and up towards, you know, where the majority 4 5 of the surveys and -- and further east and my 6 understanding that the population is at about nine --7 just over 900. And -- and when it was introduced it was about 65, 70 back in the '70s and the growing rate 8 9 of this population is about a hundred per year. And it 10 -- and yet we have to be competitive for how many 11 different villages to harvest only a certain number of 12 -- I think it's 15 muskox that are at a population of 13 960 and growing at a hundred a year and that is stable. 14 I would think that we can bring that number up in --15 certain areas also for -- because for Point Hope to 16 hunt the muskox we have to go into Kotzebue and -- and 17 get a permit and compete with other communities further 18 south than us. And -- and the muskox are right in our 19 area, right in our back yard. And -- and to increase that number whether it's just for this area, I'm -- you 20 21 know, we are within the North Slope Borough range and 22 we are not on the Northwest Arctic Borough, I -- you 23 know, we are part of unit 23 and the majority of the 24 population stays within that area. I don't know if we 25 can make any amendments to this because this is a Board 26 of Game proposal. 27 28 CHAIRMAN BROWER: Yeah, Steve, we could 29 make -- we could make amendments. I was actually

30 thinking of -- thinking about this too that instead of 31 having it say something like open a hunt in that 32 portion of unit 26A west of the -- and I would change 33 Topagoruk to the Aluktuk River, following -- following 34 west 155 south to the border -- to the unit 26A border with a season date of August 1 to March 15. Something 35 36 to that effect would be useful for -- for us if that 37 was a amendment that the Council would entertain. And 38 maybe the..... 39 (Teleconference interference -40 participants not muted). 41 CHAIRMAN BROWER: .....and the dates 42 43 maybe August 1 to March 15, maybe make that into 44 something like July 15 to March 15 would be good. 45 46 MR. OOMITTUK: Mr. Chair. This is 47 Steve for the record. 48 49 CHAIRMAN BROWER: Yeah. Go ahead. 50 0228 1 MR. OOMITTUK: So moved. And then 2 under discussion they will discuss the bag limits. 3 4 CHAIRMAN BROWER: All right. There's a 5 motion under discussion to amend proposal 193 to state 6 open a hunt in that portion of unit 26A west of the 7 Aluktuk River following west 155 south to the unit 26A 8 border with a season date, and I would like to suggest 9 moving August 1 to like July 15, to March 15 and then 10 now we're still under discussion to talk about bag limit of one muskox. 11 12 13 MS. DAGGETT: Mr. Chair, if I may for a 14 moment, please. 15 16 CHAIRMAN BROWER: Yeah, go ahead. 17 18 MS. DAGGETT: So I just want to clarify. Steve mentioned bag limit/quotas and you can 19 20 certainly make recommendations, but that's going to be 21 a Board decision about the quotas and stuff. 22 23 And I guess I wanted to clarify the 24 difference between a bag limit and a quota. So a bag 25 limit is how many a hunter can take in a year and/or in 26 a certain defined time period. A quota is how many 27 total can be taken out of the population in a year. So 28 I hear it kind of being used the same as bag limit and 29 it's not the same. So I just want to make sure that 30 that's understood when you're talking about this stuff. 31 32 Thank you.

33 34 CHAIRMAN BROWER: So listening to you 35 there for a second, Carmen, what would be the quota 36 that you're talking about, I mean, are we -- out of 37 that -- that herd that extends all the way to Point 38 Hope, there's about -- what did you say, about 900 39 animals? 40 41 MS. DAGGETT: So the -- the Cape 42 Thompson population that this proposal is about so the 43 portion of it that's in 26A, the population of --44 that's in 26A is 455 muskox. There is a total 45 population including 26A and 23 that's 955. There --46 the reason why I'm defining that is the hunt that's in 47 unit 23 right now is built off of the total population 48 amount in unit 23 and how many might be taken out of 49 that, whereas this -- this hunt that's going to be in 50 0229 1 26A will most likely be the dynamics of how the decision is going to be made, it's going to be based 2 off how many muskox are in 26A. So 455 are in 26A. 3 4 That is the most recent population estimate in 26A. 5 6 So I just want to be clear about that. 7 And the hunt that already exists out of unit 23, both 8 quotas were based on a survey that was done previous 9 which estimated the total population to be about 550 10 So it hasn't been readjusted since this last ox. 11 spring to reflect an increase in the population and 12 that's something to consider that those numbers may 13 change just as a result of getting information from the 14 new survey. However that decision is going to be made 15 independent of what this proposal is. 16 17 So this proposal, you know, considering 18 a 2 percent harvest and other dynamic things that we 19 know about it, the quota's going to be somewhere 20 probably between six and nine ox for 26A harvest. 21 22 And so I hope that's clear. And if you 23 have other questions let me know, I know it's 24 confusing, there's lots of details. So.... 25 26 (Teleconference interference -27 participants not muted). 28 29 MS. DAGGETT: .....more details than 30 that. 31 32 MR. OOMITTUK: Mr. Chair, this is 33 Steve. 34 35 CHAIRMAN BROWER: Thank you, Carmen.

36 Yeah, go ahead, Steve. 37 38 MR. OOMITTUK: Yeah, I just want some 39 clarification on the growth of the two herds. And it 40 sounds like they're about half and half at 900, you 41 know, 400 and 400 something. And -- and I heard 42 earlier this morning that the growing rate for these 43 two herds is about a hundred a year. So if that's 44 50/50 so, you know, it -- it sounds -- and then only 45 harvesting six and still having a good number, you 46 know, I mean, the -- you know, we're -- you know, for 47 this whole area we're -- we're asking to amend 48 something for -- within the North Slope area because 49 the muskox I -- I know Point Lay area and further east 50 0230 1 where Gordon was talking about the bag limit of one for 2 all these areas and -- or quota should we say, but, you know, having such a low number that was introduced back 3 4 into our area that is kind of a nuisance at times to 5 animals that we highly depend on for consumption. 6 7 And a animal that we rarely consump --8 for consumption which is, you know, we're trying to ensure our food security and ensuring that our 9 10 residents in our outlying villages and -- and that 11 these migration routes are not disturbed by -- whether 12 it's animals that were introduced back into our area 13 and the numbers that are increasing at a rate of a 14 hundred a year, you know, maybe that's part of the 15 deflection also and that yet we keep hearing oh, that 16 there's not very many sporthunters coming in and doing 17 that or aircraft. But it's alarming that, you know, we 18 only have a short quota or small quota for muskox that 19 haven't been here for over 10,000 years or so, you 20 know. 21 22 And -- and now it's -- you know, our 23 way of life for certain people that highly depend, you 24 know, especially the inland people that depend on these 25 migrations of the Western Arctic caribou herd and to 26 bring that, you know, bag limit up and to keep that 27 number at a lower -- you know, it's still stable, it's 28 climbing, climbing, climbing. But we -- we want to 29 ensure that they don't become a full nuisance to the 30 Western Arctic caribou herd and keep them out of 31 certain areas that they were all once in abundance of 32 the -- in the migration. 33 34 CHAIRMAN BROWER: Thank you, Steve. So 35 I wanted to hear a little bit from Carmen about the 36 unit 23 allocation quota for -- that sounded like you would need to get a -- that's managed out of Kotzebue 37 38 sounds like and should this one go through and the

39 Board of Game -- the Federal Subsistence Board move in 40 a way to allow for this, the management of that would 41 be out of Barrow or out of Fairbanks or out of Kotzebue 42 or is that something that.... 43 44 MS. DAGGETT: This is Carmen. 45 46 CHAIRMAN BROWER: .....Carmen, you 47 would be administering because you're doing the counts 48 of the North Slope population here? 49 50 0231 1 MS. DAGGETT: Mr. Chair, so I -- well, 2 the unit 23 portion of the population is going to be 3 primarily managed by the unit 23 area biologist based in Kotzebue. And, you know, I -- the portion that's 4 5 based in the Barrow office would be managing the portion that's in 26A and the hunt associated with 6 7 that. That being said the unit 23 area biologist and the unit 26 area biologist work together to do those 8 9 surveys and to get them accomplished. And we work with 10 each other to capture the big picture on things. So, 11 you know, the herd that's east of us that's primarily 12 in 26B, that herd is almost exclusively in 26B at this 13 point. All of the information and all the survey work 14 that's been done has indicated a very, very small portion actually migrate over into 26A at this point. 15 So at least that's what I understand. So that herd is 16 17 primarily managed out of the 26B pop -- out of -- out 18 of the Fairbanks office. And I certainly communicate 19 with Beth about it and we talk about it pretty -- you 20 know, periodically. But it's -- it's mostly in 21 her.... 22 23 (Teleconference interference -24 participants not muted). 25 26 MS. DAGGETT: .....at this point. So, you know, I just want to convey that even though we 27 28 manage the hunts that are in our own game management 29 unit that -- that we are working..... 30 31 (Teleconference interference -32 participants not muted). 33 34 MS. DAGGETT: .....and then to -- you 35 know, we're communicating with each other and such. 36 37 So I hope that answers your question. 38 Is there more that --that I missed? 39 40 CHAIRMAN BROWER: No, I mean, that --41 that's good. I just wanted to get that clear in my

42 mind. 43 44 So one -- one more thing is the bag 45 limit versus quota. This piece of regulation proposed 46 a bag limit of one muskox. I'm not sure who wrote this and it's proposed by Alaska Department of Fish and 47 48 Game, but you bring out a sense of confusion when you 49 talk about the bag limit versus a quota. When I look 50 0232 1 at this it's a -- would mean a bag limit of one muskox 2 for a person that might get a harvest ticket or something like that or -- can you talk about that 3 4 portion itself a little bit more? 5 6 MS. DAGGETT: A good question, Chair. 7 Yes, I certainly can. So the -- okay. So we know at 8 this point that the muskox population (indiscernible) 9 that's why the hunt hasn't been opened for a while, 10 right. So an individual that was interested in harvesting a muskox, if they, you know, went through 11 12 and applied for the permit they would be issued a 13 permit to take one muskox. You know, you couldn't take 14 more than one of those in a year per hunter. 15 16 So, you know, I'm sorry to create 17 confusion with the discussion of quota, but, you know, 18 I just wanted to clarify that there's the amount of 19 muskox that can be taken out of the population from a 20 particular area and then there's like a total amount. 21 So like let's say, you know, there were let's say nine 22 muskox that were available for everyone to apply for 23 from the entire western or from the North Slope 24 basically. And then, you know, each hunter would be 25 able to take one of those, they wouldn't be able to 26 take two. And the only -- and I guess that quota..... 27 28 CHAIRMAN BROWER: My -- my question 29 here -- my question here is is this the wrong language 30 to be used in this, that there might be better 31 direction in this or is this something that we would 32 need to -- I don't want to -- you know, if somebody 33 were to read this yeah, I can get one muskox and then 34 somebody else, my neighbor can get one muskox and --35 and pretty soon we have 300 people catching one muskox 36 and versus if you happen to win or are selected or you 37 put in for a permit or a tag, that tag process is super 38 controlled, it's not going to go anywhere near damaging 39 the ability for the growth of the herd and the quota 40 might be a total of 40 muskox are able to be used for 41 tags or something like that. I'm -- I'm just putting a 42 number out there arbitrarily. 43 44

MS. DAGGETT: Yeah. So, Mr. Chair, I

think, you know, that the Board of Game is going to 45 46 define what that quota ends up being and it's going to 47 be based on the population size and the population 48 dynamics. The bag limit, you know, I don't think that 49 the bag limit is greater than one muskox. Let me look 50 0233 1 in unit 18. 2 3 CHAIRMAN BROWER: So that's the 4 language to keep on there and the hunt will be crafted 5 entirely differently away from this -- this regulation 6 process? 7 8 MS. DAGGETT: I would say that using 9 the word bag limit is a really common language for defining how many a hunter can take in a given time 10 11 period -- a single hunter could take in a given time 12 period. So bag limit is the correct word if that's 13 your question. 14 15 CHAIRMAN BROWER: Okay. Okay. Very good. So this one is not going to have any affect 16 17 other than if you're -- if you got -- if you were 18 somehow selected or you applied for a permit as a 19 Federally-qualified user and you got the tag, you can 20 only get one and that's all it means? 21 22 MS. DAGGETT: Yep. 23 24 CHAIRMAN BROWER: Okay. 25 26 MS. DAGGETT: You got it. 27 28 MR. OOMITTUK: Mr. Chair. 29 30 CHAIRMAN BROWER: Yeah. Go ahead, 31 Steve. 32 33 MR. OOMITTUK: Yeah. You know, for 34 people, you know, communities that live with muskox 35 right in their back yard just 10 miles out of the 36 community that are there practically year round and, 37 you know, compared to other communities it's three --38 200 miles away. And we see this on a daily basis, you 39 know, that interfering with other migrations of animals 40 that used to come into our territory. And this is why 41 we want to -- you know, and with a herd that's growing 42 at a rate of 100 per year and only having one 43 harvested, you know, and, you know, there's concerns 44 there. And there's -- we like to eat muskox, muskox is 45 very edible. They taste pretty good. And -- and when 46 we're limited, especially when they're in our back yard 47 and we can get in trouble and they are a nuisance to

48 the animals that we depend on that we can get to 49 harvest three to five a day and that are interfering 50 0234 1 with the migration of certain animals that we highly 2 depend on. 3 4 And the Board of.... 5 6 (Teleconference interference -7 participants not muted). 8 9 CHAIRMAN BROWER: Yeah. Thank you. 10 MR. OOMITTUK: .....and the -- I don't 11 12 know if Alaska Department of Fish and Game have 13 anything to say on this. I -- I know they're online. 14 15 CHAIRMAN BROWER: Yeah. Thank you, 16 Steve. 17 18 MS. DAGGETT: Mr. Chair, I can.... 19 20 CHAIRMAN BROWER: And maybe ..... 21 22 MS. DAGGETT: .....I can try..... 23 24 (Teleconference interference -25 participants not muted). 26 27 CHAIRMAN BROWER: .....before you --28 before you respond I just wanted to try to -- for my 29 understanding. 30 31 Let's say out of the management of the 32 herd, you know, we try to use the terms like harvestable surplus or sustained yield principle so 33 34 that the herd can continue to produce and flourish. So 35 there's only a certain amount of animals that can be 36 taken population wise between those two muskox herds. 37 And we're differentiating unit 26A has about 400 and 38 then -- and then unit 23 has about 300, something to 39 that effect. And there -- there's only a certain 40 amount that maybe by community will be allotted to take. Like let's just say Point Hope gets 20 tags and 41 42 whoever gets a tag for that -- you know, the muskox was 43 an endangered species for a long time and there was --44 it was protected for -- since I was a kid anyway. I 45 mean, it's been -- muskox have been protected for 40 46 years, no hunting, very slow growth and real 47 suspectable to predation as well. We watch the grizzly 48 bears and wolves and other things watch these things. 49 I even watch a grizzly bear killed one before. 50

0235 1 And let's just say that the communities would get a portion of the allowable harvestable 2 3 surplus which could be -- in my view could be like 70 4 maybe. And if you -- out of a total population of that 5 size and then allocate by community, it could be that maybe Point Hope gets 20 tags. And then it's a matter 6 7 of -- I don't know if it's first come, first serve to get a tag, but once you get a tag our regulations say 8 9 you can get one muskox if you got a tag. But 20 other 10 people in your community might get their own tag and 11 they're capable of getting one muskox as well. That's 12 what I'm kind of seeing how this would work to -- to 13 not allow the herd of muskox that's been protected for, 14 you know, well over 40 years in my view to continue to 15 try to keep growing to maybe to look at the harvest 16 surplus of what they're producing. If they're 17 producing at a recruitment rate of a hundred new ones 18 every year maybe half of that would be a harvestable 19 surplus, maybe we would be able to harvest maybe 50 20 throughout the region. 21 22 And -- and also we should define in 23 this regulation what it is. It should just probably be 24 a muskox unaccompanied by a calf, a calf should not be 25 part of this because we see a lot of little calves here 26 and there and but they're hard to distinguish sometimes 27 between a bull and a cow. But if it has a calf the --28 the cow/calf pair should not be disturbed in my view. 29 30 I hope that helps and I think maybe 31 Carmen was going to add..... 32 33 (Teleconference interference -34 participants not muted). 35 36 CHAIRMAN BROWER: And, Carmen, if you 37 think I -- if I kind of was on the right track say so 38 as well. 39 40 MS. DAGGETT: Thank you, Mr. Chair, for helping to try to explain that a little bit more. I 41 42 guess I just want to be clear about -- I don't know, 50 43 percent of the -- the growth each year is a pretty high 44 amount to expect. You know, certainly the -- the 45 information that we have from managing other muskox herds, you know, suggests that, you know, a 2 percent 46 47 harvest rate is more of what is generally accepted 48 right now for muskox management in the rest of the 49 State. 50 0236 1 And -- and this population, I guess one 2 thing I don't have a good sense of, but is something

that is in the back of my mind is, you know, the level 3 4 of interest people are going to have and then also how 5 many people are going to go through the efforts to get 6 permits instead of just going in and hunting without a 7 permit and so not reporting harvest. And those are 8 things that you don't have control over necessarily other than to try to do your best with education and 9 10 outreach. But they do have an impact on the population as a whole when people take animals out of a population 11 12 and don't report harvest you -- it -- you have to 13 account for that somehow. And -- and with a population 14 that's still growing and -- you know, and not really a 15 high population, you can't -- you can't not take those 16 things into account. 17 18 And so I think, you know, the idea of 19 harvesting extremely liberally is -- seems like is, you 20 know, maybe being suggested that, you know, we can't really do that with muskox. And you're -- you're right 21 22 about, you know, certainly considering all those 23 different aspects of operation dynamics, whether 24 they're -- you know, how quickly they're growing and 25 the predation of things and all those things have to 26 kind of being taken into account too. 27 28 And the other thing is that we don't do 29 surveys every year for this population. We do it every 30 three to five years. So we wouldn't necessarily know the impact of some of these things until several years 31 32 later. So that's another consideration. 33 34 So I guess, you know, ultimately quotas 35 and things like that, those are generally set by the 36 Board of Game for how many can be taken out of the 37 population. And, you know, like I said you can make 38 your recommendation, but the Board of Game is going to 39 make those decisions. 40 41 So, you know, yeah, and -- and as far 42 as bag limit goes, you know, and between 23 and 26A, 43 you know, Point Hope is going to have two different 44 hunts they can choose from to try to get permits from 45 because they're in close proximity to those two 46 different management units. So they could try for the 47 unit 23 permit and when we get this hunt open they 48 could be eligible to try for the 26A permit too. So 49 have a couple of options to try for. 50 0237 And they could still request, you know, 1 2 if they have some nuisance issues before we get this 3 hunt open, you know, they should contact me directly and we can try to see if an emergency order is 4 5 appropriate. But those things are -- the emergency

6 order openings are kind of made on a case by case basis 7 and you need to involve the Barrow office. And they can't -- it's already done in unit 23, they're --8 9 they're really -- it's 26A req that allows us to do 10 that. So I want to be clear about that one too. 11 12 So I hope that answers those questions, 13 helps clarify things and not muddy the water any more. 14 But -- yeah. 15 16 That's all I've got. 17 18 CHAIRMAN BROWER: All right. It's 19 clear as mud. 20 21 MR. OOMITTUK: Yeah, thank you for 22 that. And, you know, I -- I know that -- well, Mr. 23 Chair, just for the record, sorry, but this is Steve 24 here. I -- I know that it's proposed by the Alaska 25 Department of Fish and Game. And -- and I see on our 26 agenda that for agency reports that the Board of Game 27 is -- I don't know if they're online, but they are 28 going to do a report on ACR-4, open for muskox hunt in 29 26A. I know Board of Game is on there and you 30 mentioned something about, you know, bag limit or quota 31 that would have to come under Board of Game. And, you 32 know, while we're on this discussion, I don't know if 33 they have anything to say on this amendment, what's --34 what's the guidelines that we have to follow if we are 35 -- I don't know if Fish and Game would approve these 36 amendments, it's their proposal so they are online 37 also. So I haven't heard from them if any. 38 39 CHAIRMAN BROWER: Yeah. Thank you, 40 Steve. Normally we would hear some justification on 41 who's opposing or -- or who's for something. And --42 and -- and I think this proposal is also deferred to --43 deferred as well, if -- I was trying to remember if 44 this is one of the ones that were deferred to March of 45 '22 by the Board of Game to take it up then. 46 And maybe Carmen or somebody could 47 48 respond, but it's still a proposal in front of the --49 we could take action, we could modify it, we can make 50 0238 1 it to our liking, we can copy it and make it into a --2 into our own regs. 3 4 MS. DAGGETT: Mr. Chair, this is 5 Carmen. So I wanted to clarify for Steve, you know, that I'm working for Alaska Department of Fish and Game 6 7 and that this proposal was done as an agenda change 8 request to open this hunt because, you know, the -- the

survey suggested that we did in 2020 that the 9 10 population had increased and we wanted to be able to make the hunt available sooner and take the proposal up 11 12 out of the normal cycle, the normal Board of Game cycle 13 so that it could be opened sooner for residents. So 14 the agenda change request process is how you do it and 15 that's why it's labeled ACR. ACR stands for agenda 16 change request. So hopefully that clarifies the reason 17 why it went through that process. 18 19 And you're absolutely correct, it -- at 20 the last Board meeting that they had or they -- or they 21 did a work session and they made a decision about what 22 proposals they were going to take up this March at the 23 statewide meeting and what proposals were going to be 24 dealt with later. And so what the Board decided was 25 that they were going to take up the proposals that were 26 statutory requirements like the antlerless moose auth 27 -- reauthorization, the brown bear tag fee exemption 28 proposal, but that they were not going to deal with 29 this agenda change request until 2022. So we do have 30 some time to discuss this proposal further if needed. As Gordon pointed out you can certainly, you know, vote 31 32 on it and give your comments now if you like. 33 34 So I think that answers all those 35 questions. Please let me know if you have anything 36 further. 37 38 CHAIRMAN BROWER: Yeah. Thank you, 39 Carmen. And those are good, important things to 40 remember because this one, I mean, we still have time, we can even take it up in the fall meeting and the 41 42 Board of Game would take it up in their March, 2022 43 period because it's been deferred a year. 44 45 So with that and I think I'm 46 comfortable with a bag limit of one muskox because they 47 have yet to determine how and what the quota might be 48 and that's a Board of Game decision. And once the Board of Game decides in 2022 on the amount. And, you 49 50 0239 know, I -- you know, I just pulled a number out of a 1 hat when I said, you know -- you know, maybe 50 2 3 percent. I mean, that's like an impossible number according to Carmen, that, you know, we would never use 4 5 50 percent of the recruitment rate, more like a 6 fraction of that sounds like if were to the principle 7 ideology. 8 9 So with that what's the wish of the 10 Council. We've made -- we're on the amendment, we're still on the amendment. 11

12 13 MR. OOMITTUK: Yeah. 14 15 CHAIRMAN BROWER: So far we've made an 16 amendment to.... 17 18 MR. OOMITTUK: Mr. Chair. 19 20 CHAIRMAN BROWER: .....to Aluktuk River 21 and west 155 south to the unit 26A border and then 22 August 1 to March 15 a bag limit of one so far. 23 24 MR. OOMITTUK: Mr. Chair, Steve for the 25 record. 26 27 CHAIRMAN BROWER: Go ahead, Steve. 28 29 MR. OOMITTUK: I just wanted to further 30 comment. I -- I know we've talked about, you know, 31 muskox because we do have muskox regularly in our 32 community when they have porcupine quills on them and 33 they're roaming around right inside of town and -- and 34 to harvest that. And -- and we were told to call 35 either Carmen or somebody else, but and if we can't do 36 that that we wouldn't -- I mean, I'm just trying to get 37 a clarification that if we were to harvest it we're not 38 going to get in trouble as long as we report it. And 39 -- and because it -- it could be a danger to life 40 within our community, especially to the younger 41 generation, to the kids that are playing out. It's --42 we had some close calls in the past that -- because 43 muskox can charge a man. 44 45 So I just want to get clarification 46 when I do my report to the tribe -- to the Council that 47 if a muskox is in town and is putting danger in life 48 that we have the right to put it at ease and -- and 49 harvest it for consumption for the community without 50 0240 1 getting in trouble and because there's only one -- it's 2 only going to be one for that. 3 4 But thank you. And if there's nothing 5 else I would call for the question. 6 7 CHAIRMAN BROWER: All right. The 8 question has been called for on the amendment to 9 proposal 193 to read as open a hunt in that portion of 10 unit 26A west of the Aluktuk River following west 155 11 south to the unit 26A border with season dates of 12 August 1 to March 15 and a bag limit of one muskox. 13 14 All those in favor of the amendment

signify by saying aye. IN UNISON: Aye. CHAIRMAN BROWER: All those opposed same sign. (No opposing votes) CHAIRMAN BROWER: Hearing none, the amendment has passed. And we're on the discussion still on proposal 193 as amended. MR. OOMITTUK: Call for the question. CHAIRMAN BROWER: The question's been called for on the main motion to adopt proposal 193 as amended. All those in favor of adopting that proposal signify by saying aye. IN UNISON: Aye. CHAIRMAN BROWER: All those opposed, same sign. (No opposing votes) CHAIRMAN BROWER: Proposal 193 has passed the Regional Advisory Council with an amendment. Thank you. MS. PATTON: Thank you, Mr. Chair. This is Eva. CHAIRMAN BROWER: All right. Well, we got that and I think there was one more. MS. PATTON: Yes, Mr. Chair. This is Eva. The Council did discuss earlier wanting to submit a same proposal to the Federal Subsistence Board. And so now would be the time to do that. The Council could simply make a motion to submit identical proposal to Board of Game's proposal 193 to the Federal Subsistence Board if the Council wishes. CHAIRMAN BROWER: What's the wish of the Council. MR. OOMITTUK: Mr. Chair, this is Steve. 

18 (Teleconference interference -19 participants not muted). 20 21 CHAIRMAN BROWER: We have an 22 opportunity to make a motion to adopt..... 23 24 (Teleconference interference -25 participants not muted). 26 27 CHAIRMAN BROWER: Go ahead. 28 29 MR. WILLIAMS: I think that was Steve. 30 31 MR. OOMITTUK: Yeah, this is Steve. 32 And I think..... 33 34 CHAIRMAN BROWER: Go ahead, Steve. 35 36 MR. OOMITTUK: .....I think the ones 37 that I was thinking of proposing I covered in -- in 38 some of these proposals that were passed and that were supported by other areas, our neighboring friends in 39 40 unit 23 area with caribou. 41 42 CHAIRMAN BROWER: Thank you, Steve. Is 43 there any other proposals? I know we did mention about 44 looking at proposal 193 as we amended that, that the 45 possibility of moving that as a proposal -- as a Federal wildlife proposal because this is one -- will 46 47 go to the Board of Game. And just if we make a Federal 48 wildlife proposal it would go to the, you know, a 49 Federal -- Federal Board, the Federal Subsistence 50 0242 1 Board. 2 3 So with that.... 4 5 MR. OOMITTUK: Mr. Chair, with that 6 being said .... 7 8 CHAIRMAN BROWER: .....if there are no 9 other.... 10 11 MR. OOMITTUK: .....I -- I would 12 support.... 13 14 CHAIRMAN BROWER: Go ahead, Steve. 15 16 MR. OOMITTUK: ....having our own 17 quota for the North Slope..... 18 19 (Teleconference interference -20 participants not muted).

21 22 MR. OOMITTUK: ....lines for muskox harvest. Is that what you were suggesting earlier that 23 24 -- that we have our similar proposal for harvesting of 25 muskox within North Slope Borough with 26A and unit 23 26 within the boundary lines of the North Slope, was that 27 suggested earlier? 28 29 CHAIRMAN BROWER: So, yeah, Steve, I 30 think we -- we looked at this muskox proposal from the 31 ADF&G and it might be prudent for us to have an exact 32 replica of this proposal like a proposal from one of 33 the Council members could be that we propose that 34 proposal 193 in its entirety be proposed under the 35 Federal management. 36 37 MR. OOMITTUK: So moved, Mr. Chair. 38 39 CHAIRMAN BROWER: There's a motion on 40 the floor to propose that a open -- open a hunt in that portion of unit 26A west, west of the Aluktuk River 41 42 following west 155 south to the unit 26A border with 43 season dates of August 1 to March 15 and a bag limit of 44 one muskox. There's a motion on the floor. 45 46 MS. KIPPI: Second. 47 48 CHAIRMAN BROWER: Okay. Seconded by 49 Wanda from Atqasuk. Any discussion. 50 0243 1 MR. OOMITTUK: Yeah. 2 3 CHAIRMAN BROWER: I would.... 4 5 MR. OOMITTUK: Question called for. 6 7 CHAIRMAN BROWER: ..... I was going to 8 see if we wanted to make sure that this was for 9 Federally-qualified users to -- under that regulation 10 that it would be because it's a very limited hunt. The 11 -- did it go through the Board of Game it would 12 probably be a tier two hunt. And -- and this one 13 should have some stringent regulation that it's for a 14 Federally-qualified user. 15 16 Well, did somebody call for the 17 question. 18 19 MR. OOMITTUK: So moved. 20 21 CHAIRMAN BROWER: Okay. 22 MR. OOMITTUK: Mr. Chair.... 23

24 25 CHAIRMAN BROWER: Eva, can you help us 26 out.... 27 28 (Teleconference interference -29 participants not muted). 30 31 CHAIRMAN BROWER: ....on where we're 32 at.... 33 34 MR. OOMITTUK: I would agree with that. 35 CHAIRMAN BROWER: ....on the motion 36 37 that there's a motion to do something maybe about the 38 Federally-qualified users that might be the minor 39 language revision for a proposal that would affect the 40 Federal wildlife proposal? 41 42 MS. PATTON: Thank you, Mr. Chair and 43 Council. So I -- so in submitting this proposal with 44 the same language that you have just referenced from the Board of Game proposal 193, that will be submitted 45 to the Federal Subsistence Board and so that will 46 47 encompass Federal subsistence regulations and if 48 adopted that would mean a muskox hunt for Federally-49 qualified subsistence users on Federal lands within 50 0244 1 unit 26A. So you don't need to add that.... 2 3 (Teleconference interference -4 participants not muted). 5 6 CHAIRMAN BROWER: All right. Thank 7 you, Eva. Very good. Make me happy. 8 Okay. 9 10 MS. PATTON: And maybe just.... 11 12 (Teleconference interference -13 participants not muted). 14 15 CHAIRMAN BROWER: Well, the question's 16 been called for. 17 18 MS. PATTON: Thank you, Mr. Chair. 19 20 CHAIRMAN BROWER: All those in favor --21 yeah, go ahead. 22 23 MS. PATTON: I was just reconfirming 24 when you read the amendment into the record you had 25 said the unit 26 west of the Aluktuk River again? 26

27 CHAIRMAN BROWER: Yes. 28 29 MS. PATTON: Okay. Thank you for that 30 clarification. 31 32 CHAIRMAN BROWER: And west 155 south. 33 34 MS. PATTON: Thank you. 35 36 CHAIRMAN BROWER: So the question's 37 been called for. All those..... 38 39 (Teleconference interference -40 participants not muted). 41 42 CHAIRMAN BROWER: ..... of submitting a 43 Federal wildlife proposal for a hunt in that portion of 44 unit 26A west of the Aluktuk River following west 155 45 south to the unit 26A border with a season date of 46 August 1 and March 15 and a bag limit of one muskox 47 signify by saying aye. 48 49 IN UNISON: Aye. 50 0245 1 CHAIRMAN BROWER: All those opposed 2 same sign. 3 4 (No opposing votes) 5 6 CHAIRMAN BROWER: Hearing none, thank 7 you very much. The ayes have it. 8 9 And I know we discussed a little bit 10 about unit 23, but it -- it seems to me there was 11 another provision for unit 23 and then they would be 12 able to request through both of these vehicles for the 13 muskox. So there wasn't a need to make another 14 proposal because there -- there's still another avenue 15 for muskox for Point Hope. 16 17 With that does that conclude our Board 18 of Game proposals? 19 20 MS. PATTON: Yes, Mr. Chair. The 21 Council had discussed all the other ones yesterday, 22 took action on some and deferred a couple that the 23 Council would have time to review and take up at your 24 fall meeting. 25 26 So that concludes the Board of Game 27 proposals. And the Federal subsistence proposals that 28 the Council had brought up that you would like to 29 address, I just want to highlight that the call for

30 Federal subsistence proposals was just published today 31 and that starts a 90 day comment period for people to 32 be able to submit proposals. So if any of you as 33 Council members, as individuals, your community, your 34 tribe, people in the region, would like to submit a 35 Federal subsistence proposal then there will be time to 36 do that in the next 90 days. And so just to keep in 37 mind if you get any feedback from your communities or 38 there's issues of concern or interest that arise, 39 you're always welcome to contact us at OSM and we can 40 assist the public with -- with submitting proposals as 41 well. 42 43 CHAIRMAN BROWER: Yeah. 44 45 MS. PATTON: And then all of the proposals will come before the Council at your fall 46 47 meeting for review. 48 49 Thank you, Mr. Chair. 50 0246 1 CHAIRMAN BROWER: Yeah. I also wanted 2 to entertain the Council on the moose. I know the -the Board of -- the ADF&G submitted a proposed moose 3 4 and we -- and it was a annual reauthorization and it'll 5 come up again next year and then the next year and then 6 the next year. I'd like to see about putting a Federal 7 wildlife proposal that mirrors the ADF&G proposed, but 8 with some slight modifications to it for a Federal 9 wildlife proposal to -- to the antlerless moose season 10 in the portion of unit 26A west of the Aluktuk River 11 and that -- that goes along -- going further to 155 12 south to the -- to the border of the unit 26A boundary 13 and excluding the Colville River drainage as a Federal 14 wildlife proposal. And -- and mirroring the language 15 and the harvest, historical estimate language, between 16 the surveys and -- and abundance of those resources and 17 incorporating all of that other language in the Board 18 of Game proposal. And mirroring all of that, but to 19 create a Federal version of that that goes along the 20 Aluktuk River, going 155 south thereafter to the border 21 of the unit 26A unit border excluding the Colville 22 River drainage. 23 24 What say ye? 25 26 MS. KIPPI: That sounds like a plan, 27 Mr. Chair. I like that idea. I think it'll help with 28 most of the subsistence hunters along that way. 29 30 CHAIRMAN BROWER: Is that in the form 31 of a motion? 32

33 MS. KIPPI: Yes, sir. 34 35 MR. OOMITTUK: So moved, Mr. Chair. 36 37 (Teleconference interference -38 participants not muted). 39 40 CHAIRMAN BROWER: There's a motion on 41 the floor to submit a Federal wildlife proposal by 42 Wanda from Atgasuk for moose or antlerless moose season 43 in that portion of unit 26A.... 44 45 (Teleconference interference -46 participants not muted). 47 48 CHAIRMAN BROWER: .....south to the 49 unit 26A border excluding the Colville River. 50 0247 1 MS. DAGGETT: Mr. Chair, I have a..... 2 3 CHAIRMAN BROWER: Motion on the floor. 4 5 MS. DAGGETT: Mr. Chair, this is Carmen. I have a few things I just want to make sure 6 7 that get added to this. 8 9 CHAIRMAN BROWER: We'll do that under 10 discussion because I -- we're in a motion right now. 11 12 MR. OOMITTUK: Second the motion and go 13 into discussion. 14 15 CHAIRMAN BROWER: It's been seconded by 16 Point Hope. We're under discussion. 17 18 MS. DAGGETT: Mr. Chair, so I just 19 wanted to say two things. First of all that currently 20 the State and Federal regulations are in alignment with 21 each other and this would put them out of alignment 22 with each other. So I just want to point that out. 23 And I say that because when we're explaining things to 24 hunters things are kind of confusing to start with and 25 when we add more complications between State and 26 Federal regs it makes it even more difficult for 27 hunters. So I just want to make that one point. 28 29 And then I also wanted to just remind 30 you when we discuss the boundary, information about 31 muskox that natural boundary that you talked about was 32 -- the point was to exclude the Ikpikpuk River delta. 33 The biological concern behind the antlerless moose hunt 34 boundary are that there are breeding females on the 35 Chipp River and this would make those breeding females

36 exposed to being able to be harvested. And that was in 37 a population that's low. 38 39 So I just want to make those two points 40 known when we're talking about this because we talked 41 about a lot today and I'm just trying to clarify those 42 two things. 43 44 That's it. Thanks. 45 46 CHAIRMAN BROWER: Thank you, Carmen. 47 And those are good points in -- in looking at that. 48 And I think we're fully understanding through the whole 49 day, even a couple days of talking about the 50 0248 1 reauthorization and what that means in -- you know, 2 sometimes at least during my tenure, I've been, you know, trying to do some of these things on behalf of 3 4 residents for, you know, 20 years. And that sometimes 5 it's okay to not be completely aligned in one area and 6 -- and allow for the flexibility to either hunt under 7 Federal regs or under the State. So it's important to 8 recognize that so that we're not -- you know, it -- you 9 know, that we're not hamstrung in a way that some feel 10 it becomes. 11 12 When you're looking at breeding 13 populations, I don't see any moose on Chipp River, you 14 got to go to Ikpikpuk, another 60 miles up river in 15 order to go to Ikpikpuk to -- to do the -- to even try 16 to harvest. And the amount of resources that is 17 expended to go that far and by the way when you're in 18 Chipp River you're already 60 and 70 miles from Barrow. 19 And then to go to Ikpikpuk which is -- the Chipp 20 River's just a tributary of the Ikpikpuk going further 21 up around the Price River, around Maybe Creek, 22 Tittaaliq, (in Native) area, those are very, very hard 23 to reach. You got to have so much resources to even 24 get up in those areas and that's where the breeding 25 population is -- is up there. And if there is a bull 26 moose provision and we don't hardly ever see those, I'm 27 not saying, you know, they're not there, and it -- then 28 you found a lone antlerless moose and -- and we should 29 be able to -- we should be able to take that. 30 31 And -- and I don't think moving the 32 line from Topagoruk to -- to the Chipp or the Aluktuk 33 and then 155 doesn't contribute any more than what 34 we're already struggling with with populations of moose 35 that fluctuates so dramatically over the last 15 years, 36 we've had 1,200 moose and maybe there was a liberal 37 management going on, who knows what was the point of 38 decline, but in all the 20, 30 years, 40 years I've

39 been in the Chipp I've never caught one moose. Never. 40 Never caught one moose. And so it's important to look 41 at some -- I've always been blessed with nephews that 42 sat -- went up to areas where it was harvested that far 43 and then being able to harvest. 44 45 So I appreciate your sentiments, I 46 appreciate the dialogue that you bring in terms of 47 looking at mating pairs or whatever you're going to call it and but it -- it's important to reflect on 48 49 those as well. 50 0249 1 Thank you. 2 3 So that was -- we're still under discussion. Any other discussion. Any other 4 5 discussion on the proposal we're on. 6 7 MR. OOMITTUK: Question's called for. 8 9 CHAIRMAN BROWER: The question's been 10 called for. All those in favor for a Federal wildlife 11 proposal that includes the antlerless moose season in 12 that portion of unit 26A west of the Aluktuk River and 13 thereafter west 155 south to the unit 26A border, 14 excluding the Colville River drainage signify by saying 15 aye. 16 17 IN UNISON: Aye. 18 19 CHAIRMAN BROWER: All those opposed 20 same sign. 21 22 (No opposing votes) 23 24 CHAIRMAN BROWER: Hearing none, the 25 The proposal has been made and passed by ayes have it. 26 the North Slope Regional Advisory Council. 27 28 Thank you very much. 29 30 Any other proposals to be made for 31 Federal Wildlife proposals? 32 33 REPORTER: Gordon, this is Tina, the 34 Could I just stop and ask if people could reporter. 35 please mute their phones, we're getting some background 36 conversations going on. 37 38 Thank you. 39 40 CHAIRMAN BROWER: Thank you, Tina. 41 Please listen to the recorder lady, she's very serious,

42 going get us. 43 44 MS. KIPPI: Thank you. I keep hearing 45 people talk behind -- behind my speaker. 46 47 Thank you, Tina. 48 REPORTER: You're welcome. 49 50 0250 1 CHAIRMAN BROWER: Yeah, with that I 2 think we should move o to item 12, agency reports. Time limit 15 minutes unless approved in advance. 3 4 5 So I'm going to go down to tribal 6 governments. Do we have any agency reports that 7 include the tribal governments. 8 9 MS. PATTON: Mr. Chair and Council. 10 Thank you. Unless we have someone that's joined us online now, when we outreached most folks were busy 11 12 with other obligations at this time. So and also have 13 rescheduled a report from ICAS for the fall meeting too 14 when the timing might work out better. 15 16 So I'll just check online and see if we 17 have any tribal governments or representatives from 18 Native organizations online at this time. 19 20 MR. OOMITTUK: Yeah, this is Steve 21 Oomittuk. Just for the record I'm going to take my hat 22 off as president of the Native Village of Point Hope. 23 I think we discussed a lot of things that we have 24 concerns about. And especially with the muskox and --25 and finding out that, you know, getting numbers or, you 26 know, if we do have a muskox in our.... 27 28 (Teleconference interference -29 participants not muted). 30 31 MR. OOMITTUK: .....and like I said we 32 get them, you know, at least once every few years or 33 sometimes a year and they -- like I said they 34 practically live right 10 miles out of our community, 35 about a herd of about 50, 60 almost full-time that 36 don't go very farther than the -- up towards Cape 37 Thompson area. 38 39 Sheep are starting to come back into 40 our area and up towards Cape Lisburne area, they're 41 seeing more and more sheep over there. 42 43 And I understand you have a limit on 44 lynx and there's some lynx that have been seen right in

45 our area that haven't seen any lynx. 46 47 An abundance of wolves are still being 48 caught and wolverines within our area. We've never 49 seen so much in the last five years. But they're 50 0251 1 getting more and more wolves and wolverines out there and like I said lynx. 2 3 4 But thank you. And there is some polar 5 bears that have been coming to town the last few days. And then I would -- we do have polar bear patrol, but 6 7 there was some questions asked, you know, if there's any other grants available that help patrol polar bears 8 9 or -- or any type animal that might be coming in. We 10 have polar bear patrol, but we're limited, you know, with the wildlife and the -- it's not covered, only 11 12 about 16 hours a day. Some people were concerned 13 because there's a number of tracks on the outlying of Point Hope and -- and there for a while polar bear 14 15 patrol only ended until 4:00 a.m. And then a lot of 16 our students walk to school and there was several polar 17 bears in town. Now we have funding to cover until 9:00 18 a.m., by the time kids go to school. But polar bears 19 are in the area, just right on the outside of Point 20 Hope. And one actually came into town just a couple 21 days ago. Somebody got a shot out, didn't hit it, it 22 was during the night, about 10:00 in the evening on 23 Saturday night. 24 25 But, you know, we had a bunch of open 26 water, you know, the winter ducks that are normally in 27 small numbers this time of the year because certain 28 ducks that spend the winters are by this time of the 29 year normally we just see a small flock of about 50 to 30 100, and we just saw a flock of about a thousand. And 31 we had open water a majority of the winter. And the 32 only time they're flying around is when there's little 33 open water, they're looking for open water for their 34 food source. 35 36 And we finally -- our ice finally froze 37 on the south side and we finally seen some tall ridges. 38 It's been pretty flat ice out there, (in Native) we 39 call them where there's a bunch of ice, but right now 40 there's a -- we're experiencing a lot of south winds 41 right now. We had the majority of our winds from the 42 north and from the east all winter. And that kept our 43 south ocean free of ice about a mile out.... 44 45 (Teleconference interference -46 participants not muted). 47

48 MR. OOMITTUK: .....a couple hundred 49 thousand or what -- what -- when you say how many feet 50 0252 1 out there, 200 yards, 300 yards. 2 3 But we're looking forward to an 4 abundance of animals. It was really fortunate we got 5 12 whales last year and finally seen some belugas in 6 the area. 7 8 Thank you. 9 10 CHAIRMAN BROWER: Thank you, Native 11 Village of Point Hope. 12 13 So with that any other tribal 14 governments or Native organizations reports? And we'll 15 still have an opportunity later in the fall, sounds 16 ICAS will bring their report in the -- in the fall. 17 18 (No comments) 19 20 CHAIRMAN BROWER: With that I'm going 21 to go down the line. North Slope Borough Department of 22 Wildlife. 23 24 (No comments) 25 26 MS. PATTON: Thank you, Mr. Chair 27 and.... 28 29 CHAIRMAN BROWER: Any representatives 30 from -- yeah, go ahead. 31 32 MS. PATTON: Yeah, I hadn't heard back 33 confirmation from them as well. I haven't heard Brian 34 online. But just call them again one last time, North 35 Slope Borough Wildlife Department. 36 37 CHAIRMAN BROWER: All right. Hearing 38 none, Alaska Department of Fish and Game, wildlife 39 updates, I think we did some of that so I'm going to 40 leave that to Carmen if we concluded that. 41 42 MS. DAGGETT: Mr. Chair, thank you. Ι 43 think we covered everything that we needed to cover as 44 long as you're aware that there was the Dalton Highway 45 corridor discussion too, but that is again going to be 46 taken up in 2022. And that discussion is pretty 47 detailed and it's about details I'm not entirely really 48 comfortable talking about. 49 50

0253 1 So, you know, Glenn is really the expert on that proposal. And I quess if you quys 2 3 wanted to have a discussion about that proposal at some 4 point it might be prudent to have him participate in 5 that discussion. But at this point I think we've had a pretty extensive discussion about lots of issues today 6 7 and I think -- I don't have anything else to add other 8 than that. 9 10 Thank you. 11 12 CHAIRMAN BROWER: Thank you, Carmen. 13 And it's been interesting and very extensive in my --14 in my view. And we appreciate all that. 15 16 So with that, BLM, Bureau of Land 17 Management, NPR-A Arctic Field Office. 18 19 MS. SAVAGE: Yes, thank you, Mr. Chair 20 and Council members. This is Heather Savage, wildlife 21 biologist for the Arctic District Office. And I do 22 have a brief update if you have time for me. 23 24 CHAIRMAN BROWER: Yes. And was there 25 anything in the handouts that we should be pointed to 26 or.... 27 28 MS. SAVAGE: Yes. I don't have page 29 numbers unfortunately, but there's just a few updates. 30 Mostly what's in the handbook is the same as what was 31 handed out in November last year. There's just a few 32 small updates and I can go through them. 33 34 First there was a record of decision 35 that was issued in December for the 2020 NPR-A 36 integrated activity plan and associated environmental 37 impact statement that was published in June, 2020. As 38 you know this included many changes from the 2014 EIS 39 and these were discussed in November. Additional 40 details can be found online on the NEPA register if you 41 need to review those details. 42 43 Secondly we tend to alternate between 44 wildlife updates and fisheries updates and in November 45 it was a wildlife update, but unfortunately I was out 46 of town and February was supposed to be the fisheries 47 update, but unfortunately our fisheries person has 48 training that she needed to attend to so I'm giving the 49 fisheries update. 50 0254 1 There weren't any big changes to what 2 was in the provided document on that, but we did add

some more details and a few pictures. So if you wanted 3 4 to go in and review that it might give you more insight 5 into what we've been doing in that area. Notably 6 there's a more detailed map of study areas that we 7 added to provide a better idea of study site locations 8 for documenting baseline conditions. 9 10 And then the other two fisheries projects involve the BLM funded Alaska Department of 11 12 Fish and Game Nuigsut subsistence fishery study as well 13 an NPR-A historical fish data entry contract that was 14 reawarded to Kramer and Associates and it's slated to 15 start this year. 16 17 So that's the updates to what we 18 provided and then in addition to those updates to the 19 material that we'd already presented there were --20 there have been a few new applications that we received 21 so far this year. 22 23 First off North Slope Borough has 24 submitted a request to amend the right-of-way to add 25 two new snow trails. This includes a new route from 26 Wainwright to Point Lay as well as a more traditional 27 route to Wainwright from Utgiagvik. The request would 28 also add three safety shelters on these trails. So one 29 would be on the traditional Wainwright route and two 30 would be on the route between Wainwright and Point Lay. 31 32 So next ASTAC submitted a right-of-way 33 application for the use of (indiscernible) for the 34 purpose of supporting logistics for their fiber optic 35 operations and projects. ASTAC plans to use an 36 improved low impact tundra vehicle to navigate trails 37 while hauling freight and transporting crew. 38 39 The University of Alaska Museum has 40 also submitted an application to renew a land use 41 permit for paleontological work under Dr. Druckenmiller 42 along Colville River and the NPR-A. This proposed work 43 would be conducted in March of each year. And my 44 understanding is that Dr. Druckenmiller has quite a 45 history of doing research along the Colville River so I 46 don't think that's anything new necessarily. 47 48 And then the last new application was 49 from Alaska West Express Lynden Corporation which has 50 0255 submitted a right-of-way amendment application to amend 1 2 the current right-of-way to include two additional 3 routes for delivering BLM housing to field camps in 2021. This includes a snow trail from the 4 5 (indiscernible) to Inigok air strip and to Umiat. And

it'll involve two to three pistonbullies with attached 6 7 sleighs that will be used to transport the housing 8 unit. 9 10 And then lastly something that might be 11 of interest to the Council is the Arctic District Office is in the process of hiring a new subsistence 12 13 specialist and interviews have been conducted. I was 14 on that interview committee and we're expecting to make 15 a decision this week on that. So we're hoping by mid 16 year we'll have someone in that position. 17 18 And that's all I have. Thank you. 19 20 CHAIRMAN BROWER: All right. Put it on 21 mute, I hear Russia hasn't done it and all that kind of 22 stuff. 23 24 REPORTER: Thank you, Gordon. 25 26 CHAIRMAN BROWER: All right. Any 27 questions for the BLM folks? 28 29 (No comments) 30 31 CHAIRMAN BROWER: I do have one. And 32 this is in regards to probably your cousins at BLM 33 Yukon and I'm pretty sure you guys might be close 34 quartered somehow. In relationship to I think a 35 resource management plan on the Dalton corridor. 36 37 MS. PATTON: Mr. Chair. 38 39 CHAIRMAN BROWER: And I'm trying to 40 find my..... 41 42 Yeah, go ahead. 43 MS. PATTON: Hi, Gordon. This is Eva. 44 45 I just wanted to let you know, we just got confirmation that we have Michelle from the BLM Central Yukon Office 46 47 online now and available to address that brief overview 48 of that resource management plan if the Council wishes. 49 50 0256 1 Thank you. 2 3 CHAIRMAN BROWER: Thank you, Eva. And 4 before we go to the Yukon Central folks was there any 5 questions for the Northern Field Office for BLM? 6 7 MR. OOMITTUK: Yeah, this is Steve for 8 the record.....

9 10 (Teleconference interference -11 participants not muted). 12 13 CHAIRMAN BROWER: Or the Arctic.... 14 15 MR. OOMITTUK: .....from Point Hope. 16 17 (Teleconference interference -18 participants not muted). 19 20 CHAIRMAN BROWER: Yeah, go ahead, 21 Steve. 22 23 MR. OOMITTUK: Yeah, you know, there's 24 always been a lot of concern when BLM is out there 25 especially when they're doing their annual surveys 26 yearly especially in unit 23. Usually around in July 27 especially when that Western Arctic caribou herd is 28 working its way south and they're out there roaming 29 around with helicopters 30 and dropping off certain barrels of fuel in 31 certain.... 32 33 (Teleconference interference -34 participants not muted). 35 36 MR. OOMITTUK: .....roaming around in the area. And -- and then that's -- you know, it's 37 38 observed by a lot of our hunters that they see whether 39 it's BLM in helicopters, we understand BLM at one time 40 was out there and whether they still do that and it's just -- like I said it's right in the time of the 41 42 migration route for the Western Arctic caribou herd to 43 move south and come into Point Hope area. And there 44 for a while, you know, we didn't -- we didn't see very 45 much caribou. But the last two years I don't know if 46 they changed their timing or what, but seems like we're 47 getting more caribou lately. 48 49 But I -- if -- if that's the case I 50 0257 want to thank BLM for listening to us several years 1 2 ago. 3 4 MS. SAVAGE: Thank you. Glad to hear 5 it. I think it varies depending on what projects we 6 have going on. This year we have one project that will 7 involve some fixed-wing aircraft, but it's in short duration. So two weeks and it's also going to be in 8 the winter, so February and March. And that'll be 9 along the (indiscernible) to take some imagery so that 10 11 we get a better idea of snowload and where a good

placement for (indiscernible) would be in the future. 12 13 14 But that's the only project I can think 15 of that involves aircraft. So glad to hear that herd 16 numbers have been a little bit better. 17 18 MS. DAGGETT: Mr. Chair, may I say 19 something quickly? This is Carmen with Fish and Game. 20 21 CHAIRMAN BROWER: Go ahead, Carmen. 22 23 MS. DAGGETT: Yeah. So I just wanted 24 to address some aircraft potential use in July that 25 Steve is bringing up. And, you know, that time frame at the beginning of July, end of June sort of time 26 27 frame is when we're actually trying to do the photo 28 census on the Western Arctic herd. So it is possible 29 that, you know, the area in the Utukok Hills and, you 30 know, going that direction through Eagle Creek and 31 stuff. Even though that might not be BLM related work, 32 Fish and Game is certainly doing that photo census 33 work. So, you know, you may see some aircraft that are 34 Fish and Game related during that time period that are 35 doing photo census or trying to get a caribou count on 36 the Western Arctic herd. 37 38 So just keep that in mind when you see 39 those airplanes in -- in late June and early July. If 40 there's issues and concerns about for hunters you 41 should contact the Kotzebue office regarding any of 42 those concerns, but realize that we're out there 43 working for you, trying to get the numbers that you 44 need to make the decisions that you're making. 45 46 So that's that. Thank you. 47 48 MR. OOMITTUK: Mr. Chair, can I just 49 comment on that? 50 0258 1 CHAIRMAN BROWER: Go ahead there, 2 Steve. 3 4 MR. OOMITTUK: And yeah, thank you for that. And, you know, we -- we try to urge the hunters 5 6 to get the tail numbers and if they could specify 7 either BLM or -- or Fish and Game on what kind of 8 aircraft they use or what color so that we can better 9 know who's flying out there, whether it's a 10 sporthunter, because we have people with their own 11 private aircraft in Kotzebue area and some of the 12 outlying villages. And then therefore we had somebody 13 here in Point Hope that has their own aircraft and was 14 giving flying lessons to local people to help them out.

15 But, you know, if we could get a -- what kind of plane 16 they're flying out there or what color or -- I know we 17 always try to look for the tail numbers and get the 18 numbers because they're usually written, you know, in 19 big black numbers and letters. 20 21 Thank you. 22 23 MS. DAGGETT: Thank you, Steve. Duly 24 noted. 25 26 CHAIRMAN BROWER: Thank you. Any other 27 questions to the Arctic Field Office of BLM before we 28 engage with the Yukon -- Central Yukon folks? 29 30 (No comments) 31 32 CHAIRMAN BROWER: Having -- having none 33 and we appreciate your report from the Arctic office. 34 35 So we did have some comments come in 36 and that we read into the record earlier from Jack 37 Reakoff as public comments to the -- during yesterday's 38 section on -- section 9, public and tribal comments on 39 nonagenda items. And it fit in there so we read the 40 comments offered by Jack Reakoff who is the Councilman from the Western Interior Council RAC and I could 41 42 reread those into the record or maybe we can have the 43 Central -- BLM Central Yukon staff talk about what the 44 BLM Central Yukon Resource Management Plan EIS is 45 doing. And the concern was raised that a portion of 46 that corridor is on Federal lands within region 10 47 which is the North Slope, with -- within our purview, 48 but it was not on a -- not on our radar. And Jack 49 Reakoff had reached out to us to make us more aware and 50 0259 1 then we may have misunderstood him when he first 2 approached us about -- about it and the concerns. 3 4 And so with that I'm going to ask the 5 Central Yukon folks to chime in. 6 7 BLM. 8 9 MS. ETHUN: Yep. Certainly. Thank 10 you, Mr. Chairman. Appreciate it. So my name is 11 Michelle Ethun and I am the project manager and the 12 district planner for the Fairbanks District and the 13 project manager for the Central Yukon RMP EIS which is 14 a large land use plan. And what Mr. Reakoff was 15 referring to is that we are in the -- within the 90 day 16 public comment period for the draft RMP EIS. That 90 17 day public comment period started on December 11th and

18 it ends on March 11. We had a series of seven virtual 19 meetings because with Covid we weren't traveling out to 20 communities so we did virtual public house meetings and 21 then we happened to have a virtual open house website 22 which provides some more information. And I can get 23 that link to the subsistence RAC coordinator so that 24 she can distribute it to everybody as well as the 25 project website. 26 27 The land use plan itself covers 13.2 28 million acres of BLM managed land, but the planning 29 area is quite large, it does reach up into the North 30 Slope. However the extent of the BLM managed land is 31 really up into the Nigu and the Central Arctic 32 management area wilderness study area. That's about 33 the -- the furthest north. And then reaches down 34 beneath the Yukon River to the villages of -- well, 35 Koyukuk, Ruby, Galena and then down into Fairbanks if 36 anybody can visualize sort of that landscape. 37 38 39 The area in particular that I am --40 would assume Mr. Reakoff read about was land pattern 41 changes, potential changes, along the Dalton Highway 42 corridor. And within the draft RMP EIS there are --43 there are proposed changes to existing land..... 44 45 (Teleconference interference -46 participants not muted). 47 48 MS. ETHUN: ....and two types in 49 particular. One is the ANCSA 17D-1 which some of the 50 0260 1 Council members may be familiar with those. Obviously 2 they were set aside for the purposes of Native 3 corporation selection. So in all of the range of 4 action alternatives there is a BLM proposal to -- for 5 the Secretary of Interior to revocate or lift those land withdrawals because they have met their purpose 6 7 and the selections are -- have been -- have been met 8 even though the specific allotments have not all been 9 conveyed. 10 11 The one in particular that Mr. Reakoff 12 is likely referring to is also a land withdrawal and 13 that is PLO-5150. And that is the area of land that 14 was withdrawn 10 days after ANCSA so in 1971 for the 15 purposes of a utility and transportation corridor in 16 support of ANCSA 17C. And it covers the area that we 17 now know as the Dalton Highway corridor including the 18 Trans Alaska Pipeline. 19 20 And in all of the action alternatives,

21 and there's four action alternatives. There's B, C1, 22 C2 and D. In all of the action alternatives BLM is 23 proposing that the -- the outer corridor and pardon me, 24 I'm going to back up. PLO-5150 is divided into an 25 inner corridor and an outer corridor and some of you on 26 the Council may be very familiar with that. The inner 27 corridor really covers the area that the Trans Alaska 28 Pipeline is and the -- the Dalton Highway itself, the 29 outer corridor or those outer reaches. 30 31 In -- in all of the action alternatives 32 BLM is proposing that those lands don't need to be 33 reserved for a utility and transportation corridor 34 because they're not -- they haven't been used for that 35 purpose since 1971, the outer corridor land. The -- in 36 two of the action alternatives C2 and B, and C2 is the 37 agency preferred at this time, BLM is proposing to the 38 Secretary of Interior that a full revocation of PLO-39 5150, in other words the lands doesn't need to be 40 reserved for that purpose, can be made. That in and of itself is simply just a proposal about the revocation 41 42 of the PLO, held up for the State of Alaska under 43 ANILCA 906E was allowed to top file lands not available 44 for selection and these lands were not available for 45 selection. 46 47 The State of Alaska has nearly 90 --48 over 90 percent of the land in PLO-5150 have a top 49 filing and if the Secretary were to act upon BLM's 50 0261 1 recommendation to revoke or lift the PLO those top filings become selection. And as the Council knows 2 3 selected lands are considered encumbered and are no 4 longer available for Federal rule priority subsistence. 5 6 The communities of Coldfoot and Wiseman 7 have a -- well, we found a subsistence finding for the communities of Coldfoot and Wiseman in all of the 8 9 action alternatives because this would affect the 10 Federal Subsistence Board regulation that allowed those 11 communities for access, OHV access for priority 12 subsistence in that area. And then in the cumulative 13 case BLM found a positive finding, 810 finding, for all 14 the communities that were identified in unit 24C under 15 the same Federal Subsistence Board regulation that allowed method of take and access. And that includes 16 Anaktuvuk Pass, Bettles, Evansville, Coldfoot, 17 18 Wiseman.... 19 20 (Teleconference interference -21 participants not muted). 22 23 MS. ETHUN: ....throughout my computer

24 in front of me, I believe Erin Julianus is also on the 25 line and she can jump in here if I get one of them 26 incorrectly. 27 28 So in -- in a nutshell in all of the 29 action alternatives right now there is a draft 810 30 finding that would affect those communities that do 31 have access through the Federal Subsistence Board 32 regulations in that unit as well as method of take. 33 And that is likely what he -- his comments were 34 directed toward. And if the Council is interested in 35 reviewing that again I can send the coordinator the 36 links to the pertinent document and I would highly 37 encourage the Council to make comment. 38 39 Does that help clarify anything? I'm 40 happy to answer more questions or add more detail if 41 you need me to. 42 43 CHAIRMAN BROWER: Thank you. And what 44 was your name again? 45 46 MS. ETHUN: It is Michelle Ethun, E-T-47 H-U-N. 48 49 CHAIRMAN BROWER: Michelle Easten. 50 0262 MS. ETHUN: Ethun, E-T-H-U-N. 1 2 3 CHAIRMAN BROWER: Okay. And I 4 appreciate your willingness to participate here. And 5 we know it's a nonagenda item and wasn't in our agenda, 6 but, you know, I was -- you know, we -- we do maintain 7 contact between periodically with Western Interior 8 Regional Advisory Council. And Jack Reakoff had reached out and I recall him mentioning this, had to be 9 10 about a year ago almost, that there was some concerns 11 about this planning initiative. But it didn't really 12 set in in maybe the explanation of how we kind of understood. And more of -- and communicating with him 13 14 and his willingness to share his comments and then to 15 provide them as comments from the -- from him as a -as an individual as well and strongly urge the Council 16 17 to oppose the BLM resource management plan alternative 18 that recommends to the Secretary of the Interior. And 19 he believes that it violates the ANILCA statutes within 20 the utility corridor and you mentioned the public land 21 order 5150. 22 23 And so I want to see if there are any 24 other -- if there are any comments or concerns from the 25 Council and in this one it would be more close to 26 probably the Anaktuvuk representative in that there is

27 this area of land that is near the border of the North 28 Slope Borough and the region 10 North Slope Regional 29 Advisory Council which puts it in our area of this 30 Federal land that could potentially be lifting of the 31 PLO-5150 and once you do that those lands are already top filed, I -- it sounds like top filed by the State 32 33 and would be selected lands of the State. 34 35 Is that what I'm understanding there, 36 Michelle? 37 38 MS. ETHUN: That is correct. That is 39 what you're understanding. And Erin reminded me that 40 the communities that we found had a subsistence impact in the 810 just for the Council purposes is Alatna, 41 42 Allakaket, Anaktuvuk Pass, Bettles, Coldfoot, 43 Evansville and Wiseman. And you are correct in that 44 the top filings don't -- the top filings have no effect 45 until the land is made available for selection and as 46 soon as -- if the Secretary were to take action upon 47 our recommendation to lift or revoke the PLO which 48 prevents selection then indeed those top filings would 49 become selected lands. And as selected lands they are 50 0263 1 considered encumbered and not public in the definition 2 of ANILCA for Federal priority rural subsistence. The State of Alaska clearly still manages for subsistence, 3 4 it is just the rural preference that would be no longer 5 available. And as I mentioned before those communities 6 have a regulation through the Federal Subsistence Board 7 for method of access and take that would be affected. And it is an all -- well, the -- for the entire 8 9 community list, it's an accumulative case and for all 10 the action alternatives the 810 findings is for 11 Coldfoot and Wiseman. 12 13 CHAIRMAN BROWER: Okay. 14 15 MS. ETHUN: If the Council's interested 16 I sent a link to a website that provides some more 17 information to the Council coordinator and it provides 18 you where in the document to look specifically the --19 and for those Council members that might be interested 20 and want to read more, the 810 analysis is appendix R 21 as in Ralph. And section 3.1 of the document goes into a lot of detail about where the -- where the top 22 23 filings are. So it's -- for the purposes of timing and 24 maybe people's workload, if you wanted to just look at 25 those two areas that would be the quickest way to look 26 at what Jack is referring to. And then the subsistence 27 appendix is appendix Q. But you're welcome to look at 28 the whole document. 29

30 And -- and I'm always available..... 31 32 CHAIRMAN BROWER: Any -- any.... 33 34 (Teleconference interference -35 participants not muted). 36 37 CHAIRMAN BROWER: Yes, and I appreciate 38 that. And as we try to understand better what the 39 ramifications are and, you know, kind of liking to, you 40 know, we have top filing for airport runways in Point 41 Lay and there's some consternation over others that 42 want to have those access, but -- but they're --43 they're just filings, they're an interest, they're top 44 filed and they're not transferred and there's still no 45 way to do that unless some mechanism was lifted or 46 created in order for the selection to go through. So 47 our only recourse..... 48 49 MS. ETHUN: Right. 50 0264 1 CHAIRMAN BROWER: ..... is to -- to 2 lease those lands from the Federal government for right now. And it's an example of some of the kind of things 3 4 that I -- I do recall about lands that we've top filed 5 over, that ANCSA corporation lands would select as 6 well. 7 8 So in this case I would like.... 9 10 MR. REAKOFF: Mr. Chairman. 11 12 CHAIRMAN BROWER: .....more -- yeah, go 13 ahead. 14 15 MR. REAKOFF: This is Jack Reakoff on 16 the phone. I would also like to testify at some point. 17 Just letting you know. 18 19 CHAIRMAN BROWER: And I really 20 appreciate to hear from you, Jack. And I did read your 21 comments in its entirety to the record. And for us to 22 be able to understand better what is -- what is really 23 going on here. I'm not -- you know, a lot of the EISes 24 and other things that would affect areas we would 25 either hear or be invited as -- to participate, comment 26 or even the local government in their region could be 27 invited or should have been invited to be know -- to be 28 more in the know. And maybe as a cooperating agency or 29 a participating agency the North Slope Borough at a 30 minimum would have -- would be important to hear more 31 and understand in much of the same way that we interact 32 with the integrated activity plan and invited to

33 participate and so that we understand thoroughly what 34 -- what's at risk and what these alternatives do. Like 35 for the NPR-A area and the coastal plain EIS that we 36 were invited to participate as a participating 37 agencies. 38 39 So with that any questions from the 40 Council members before I extend it out and maybe allow 41 Jack Reakoff just -- because we did submit his comments under item 9 under public and tribal comments on 42 43 nonagenda items and certainly this was a nonagenda 44 item, it didn't make the cut of our agenda because we 45 were unaware of it. And not sure if it was something 46 that we would have been aware of to begin with. 47 48 So any other comments to or questions 49 to Michelle over from the Central Yukon Office for BLM? 50 0265 1 MR. OOMITTUK: Mr. Chair, this is 2 Steve. 3 4 CHAIRMAN BROWER: Having none, I'm 5 going to.... 6 7 (Teleconference interference -8 participants not muted). 9 10 MR. OOMITTUK: ....make any --11 anything and if this is an action item and I know we 12 talked about it this morning, but to hear him in person 13 and he can elaborate more on -- on what..... 14 15 CHAIRMAN BROWER: Thank you. 16 17 MR. OOMITTUK: .....I suppose. 18 19 CHAIRMAN BROWER: Thank you, Steve, 20 from Point Hope. And we can make this an action item 21 if we want to submit formal comments. I think they're 22 -- it's of interest to us because we're kind of -- it's 23 like an 11th hour notification because the comment 24 period ends in about two weeks is what my understanding 25 unless we can convince them to extend the comment 26 period and have some maybe collaboration of some sort. 27 I -- I don't know where they are in the EIS process, if 28 they're going to publish or how long it's already been 29 -- if there was a public review draw, public hearings 30 or -- or participation from the local government up 31 here in the Arctic with the Borough. If -- if we did 32 they sure didn't notify me because I would have some 33 planning staff being able to commit some time and 34 resources to attending these things. 35

36 With that, let's hear from Jack Reakoff a little bit in his understanding. 37 38 39 Go ahead, Jack, you have -- you have 40 the floor. 41 42 MR. REAKOFF: Thank you, Mr. Chairman. 43 Yes, I wanted the North Slope Council to realize that 44 it's not just Wiseman and Coldfoot and Allakaket, all of the communities of the North Slope that have 45 46 customary and traditional use of caribou, dall sheep, 47 bear, et cetera have subsistence use within the Federal 48 lands of the utility corridor. There's getting to be 49 more and more people from the North Slope driving the 50 0266 1 road and they have a subsistence priority. What the 2 BLM is intending to do under their preferred alternative is to give 2.1 million acres to the State 3 4 of Alaska and the subsistence users lose, they lose 2.1 million acres of Federal lands that they have a 5 6 customary and traditional use on. 7 8 And so the -- my interpretation of the 9 ANILCA law is that they -- the State is not eligible to select and it says that in the ANILCA law at 906. They 10 can top file, but that doesn't mean that the Secretary 11 12 is obligated or legal to actually convey those lands, 13 but the Regional Councils have to be clear to the -- to 14 the Federal process and to the BLM that those lands are 15 vital subsistence use lands. There's more and more 16 people driving the roads, they would be eligible to 17 have a subsistence priority. If the State selects the lands or they get the lands they list the 5150 public 18 19 order, they lose all those lands and it becomes a 20 sporthunt. And anybody that's ever driven the road in 21 the falltime will see what that entails. That's 22 massive amounts of hunters that have -- have the 23 ability to hunt on this road and subsistence hunters 24 would then have no ability to hunt. And that would be 25 using firearms or snowmobiles. I know people from 26 Nuiqsut that are actually inside, right up to the road 27 in the wintertime. There's people from Nuiqsut hunting 28 on SnowGos rights up to the road. And so the reality those lands -- that wouldn't be legal anymore. 29 30 And so I'm opposed to lifting the 5150, 31 32 the Secretary of Interior lifting that or the BLM even 33 proposing an illegal action like that. 34 35 Thank you, Mr. Chair. 36 37 CHAIRMAN BROWER: Okay. Thank you, 38 Jack. Any questions to Jack from any of the Council.

39 40 MR. OOMITTUK: Yeah, this is Steve for 41 the record. 42 43 CHAIRMAN BROWER: Go ahead, Steve. 44 45 MR. OOMITTUK: I -- I want to thank 46 Jack for making those comments and, you know, it really 47 helps us out hearing that and we thank you for calling 48 in and verifying some things that we had questions on. 49 50 0267 1 Thank you. 2 3 MR. REAKOFF: Thank you. 4 5 CHAIRMAN BROWER: Yeah. And I have a 6 question, Jack. And, you know, I really appreciate, 7 you know, making light of this. And -- and I -- I don't think it would have shown some daylight here on 8 9 the North Slope other than your bringing more closer 10 attention to this. And I'm wondering the amount of 11 interaction with folks at Coldfoot with the Yukon office in terms of public hearings and other 12 13 individuals that -- from those areas that might have 14 been able to say more during the public comment period. 15 I'm just not aware of any of the normal process when 16 I'm looking at an EIS, the scoping meetings that occur 17 through communities and -- and the local government 18 that should be more aware and then the participation 19 level, whether being invited to participate and look at 20 alternatives and look at impacts and -- and to suggest 21 certain things, we weren't aware of any of that. Can 22 you shed a little bit of light on any of these 23 processes that may have come your way maybe? 24 25 MR. REAKOFF: Well, we were informed 26 about the process, but it was all basically internet 27 based. You had to register to -- to comment, you had 28 to be -- basically had to clink on several different 29 links to get to a registration to comment. Most of the 30 communities here don't have good internet, they hardly 31 have good phone service. So when you -- when you 32 logged in you could comment, but you had to be on a --33 basically on a Zoom. Well, my internet's not good 34 enough to be on there, I had to call in. And the call 35 in numbers were all stateside long distance, there were 36 no toll-free numbers provided. So I paid like a 37 phenomenal phone bill just to try and comment and I was 38 only given three minutes to comment. 39 40 So the communities here I do not feel 41 they -- they met the 810 -- ANILCA 810, they have to

provide a hearing for the impacts to subsistence. Most 42 of the people couldn't access the document, most people 43 44 have no idea what the document actually says because it 45 takes so much time to -- to download it or even to see 46 it so it takes literally days for the average person to even look at the document. There was no hard copies 47 48 provided to the communities. The only hard copy that I 49 know of north of the Yukon River is at the Yukon River 50 0268 1 Bridge where there's nobody there, there's no community 2 there. And it's probably locked in the visitor's center there. I have no idea what -- where that hard 3 4 copy was. But the reality is no one saw the document 5 and the doc -- the online document is really hard to 6 decipher. 7 8 So I think the BLM needs to back up and 9 reevaluate and start looking at a lot wider impact to 10 the subsistence users of the North Slope and the Western and Eastern Interior. There's several 11 communities and I list those in -- in that document I 12 13 sent you that are going to be impacted. Those people 14 all have customary and traditional use within the --15 within the utility corridor, the 2.1 million acres. 16 17 Thank you, Mr. Chair. 18 19 CHAIRMAN BROWER: And thank you, Jack, 20 for providing some of those important insights. And, 21 you know, for many, many years I would have likened 22 this to some of the difference between the State 23 managed lands and some of the Federal managed lands and 24 why probably I had decided to get myself involved with 25 the North Slope Regional Advisory Council in 1998 or 26 1997. I mean, it was pretty soon after the impasse 27 with the State of Alaska occurred on a constitutional 28 amendment to amend the constitution of the United 29 States to provide for a rural subsistence priority. 30 And then when that didn't happen the split management 31 of wildlife resources on lands occurred where Federal 32 management on Federal lands and State management on 33 State lands. 34 35 And there is a difference and we hear 36 that quite a bit from Anaktuvuk north where north of 37 Anaktuvuk we have State lands and the management of 38 State lands is for the benefit of the residents. And 39 the residents are the residents, it could be somebody 40 in Juneau, could be somebody in Anchorage, Fairbanks. 41 If you're a resident of the State it was managed for 42 you, wherever that State land was. And it's important 43 to try to differentiate how these two types of 44 management things come to a head and rural subsistence

45 priority when you have that. And we were just 46 developing wildlife proposals with just that intent 47 earlier in the day in our communication and looking at 48 State Board of Game proposals and -- and then our own 49 proposals. 50 0269 1 So, you know, it's important to see and 2 it's almost like you've got to be clear that the 3 animals are extinct to even -- to even go into a tier 4 two hunt and manage them more effectively. And it's 5 almost like a guarded -- a very guarded approach to managing State resources for all the residents 6 7 regardless of where they live and not look at the tier 8 levels of management until you've effectively depleted 9 those resources and made it into a very preservative management scheme. That's my opinion and I think 10 11 there's a lot of people with that opinion as well. 12 13 So there's those protections in Federal 14 lands where there is a rural subsistence priority 15 attached to them. And they put -- you know, lifting of 16 the PLO-5150, if that were to happen, and it sounds 17 like it's a recommendation from the Yukon Central Field 18 Office would expose those lands to a prior top filing 19 that's already been in occurrence which doesn't 20 automatically get those lands in the hands of the 21 State, but the top filing is a statement of interest to 22 the intent to secure those lands in the -- in the 23 government in which is has the top filing. 24 25 And so I would be equally concerned 26 that lands that have these protections for Federally-27 qualified users with -- and we have had concerns and 28 even commented on the State ACs for the management of 29 the Dalton Highway corridor, and that too is a question being raised. I -- it was part of our packet to talk 30 31 about the Dalton Highway corridor management plan and 32 it sounds like somebody's made a proposal to repeal 33 that, but it's not going to be taken up until March of 34 2022. And it seems that there needs to be more effort 35 and to talk more about what that means. And that means 36 more liberal hunting and -- and other things like 37 management for the residents in a way that lifts the 38 bow and arrow limit. 39 40 Anyway maybe I'm -- I try to set an 41 example of what it's liking to and I think Earl from 42 Anaktuvuk, you know the difficulties of how. And we've 43 all -- we've tried to comment as the North Slope 44 Regional Advisory Council on the AC, the North Slope AC 45 for the Board of Game for proposals and to try to help 46 manage the competing uses of lands from urban hunters 47 and the -- and the uses from the village. And it's a

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     very difficult thing to -- difficult process.
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                     With that, any -- any concerns or
     questions to Jack Reakoff. And I'm sorry, I'm -- I try
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     to -- I get long winded when I start to talk about
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 4
     examples and stuff. So and I'm thinking also that
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    maybe Department of Wildlife Management has now chimed
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     in and called in as well. And if there's -- if they
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    would want to be recognized. We did go through the
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     agency reports earlier and called out the North Slope
     Borough Wildlife Department and no one answered when it
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10
     was their turn to make any types of reports.
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                     MR. LOHMAN: Mr. Chairman, this is Tom
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     Lohman with the Borough Wildlife Department.
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                     CHAIRMAN BROWER: Yes, Mr. Lohman. Go
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     ahead.
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                     MR. LOHMAN: Thank you, Mr. Brower.
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     Just a quick comment -- couple of quick comments
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     perhaps. I agree with Jack in -- in talking about the
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     difficulty of reviewing this document online. It has
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     an extraordinary number of appendices and maps, all of
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     which are very good, but they're very, very difficult
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     to jump between text and sections and appendices and
25
    maps. It -- it's a very difficult document to review
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     and, you know, I've been at this for a couple of
27
     decades and -- and I'm having a hard time parsing the
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     fairly technical land management language in terms of
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     does a withdrawal mean lands are going to be more
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     available, less available, is a revocation of a
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    withdrawal or a public land order, the implications of
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     some of the language, it -- it's just kind of hard to
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    track. And with limited internet access and, you know,
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    people in villages that have a whole lot of other
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     things on their plate, I think this would be an
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     extraordinarily difficult document to review.
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                     And I think the bottom line for our
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     folks and I think, Mr. Chairman, you've commented that,
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     you know, the extent of the land area at issue is not
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     too far into the North Slope, but we certainly have
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    more than just Anaktuvuk that have some concerns.
                                                        We
    need to sort of boil our concerns down to the central
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     question of -- in the context of these land transfers
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     to the State, will it have a negative affect on
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     subsistence. And I think speaking among friends here
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    we all think I -- I believe, that any transfer to the
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     State is going to result in some impacts to subsistence
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     greater than we're seeing now. We've already -- and
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0271 I'm wondering whether the document and I haven't found 1 it yet, adequately considers the potential long term 2 3 impacts of any transfer of land to the State that would 4 result in the State either facilitating or encouraging 5 or allowing greater access to even more remote lands using the newly State lands as a launching point for 6 7 quide operations, transporters, in a way that would interfere with subsistence uses far beyond the corridor 8 9 that would be transferred. 10 11 And those are issues we've seen for 12 decades that the State has been very -- you know, very 13 careful to ignore. I mean, they -- they really have 14 not made it easy for us to express those concerns and 15 they certainly have not acted on them both in terms of the long term make up of the State Board of Game, but 16 17 also the way they conduct their meetings, the way they 18 change schedules at the last minute, the way they limit 19 testimony to people who may have traveled long 20 distances to testify to a couple of minutes. 21 22 So I think we can all acknowledge that 23 transfer of lands to the State is almost certainly 24 going to result in some impacts to subsistence across 25 an area far beyond the lands that are transferred, that 26 there are impacts on a..... 27 28 MS. KIPPI: Hello, I can't hear 29 anybody. Hello. 30 31 CHAIRMAN BROWER: Hello. 32 33 MS. KIPPI: Hello. Hello. 34 35 CHAIRMAN BROWER: Hello. 36 37 MS. KIPPI: Are you there? 38 39 CHAIRMAN BROWER: Wanda, can you hear 40 us? 41 42 (No comments) 43 44 CHAIRMAN BROWER: Wanda, can you hear 45 us now? 46 47 (No comments) 48 49 CHAIRMAN BROWER: Wanda may need to 50 0272 1 redial in. Tom, are you still on? 2

3 MR. LOHMAN: Yeah, I'm still on. 4 5 CHAIRMAN BROWER: Okay. I'll try and 6 text Wanda that she needs to redial. 7 8 MR. LOHMAN: So that -- again that's 9 our concern, Mr. Chairman, I think from the Borough 10 standpoint and we're still working through the document. And you're right, the deadline is I believe 11 12 on March 11 so we've got just a couple of weeks. 13 14 And beyond the issue of impacts to 15 subsistence that are of concern here, there are other 16 issues related to gravel extraction along the road 17 which again is maybe not the direct subject that this 18 body is taking up, but anything like increased 19 locations of gravel mining along a long stretch of the 20 highway is going to have impacts to subsistence. 21 Anything that takes place within that corridor over any 22 length of time is going to have some impacts on 23 subsistence far flung beyond that limited area that 24 might be transferred. 25 26 CHAIRMAN BROWER: Uh-huh. Thank you, 27 Tom. Any questions to Tom from any of the Council 28 members. 29 30 MR. OOMITTUK: Yeah, for the record 31 this is Steve Oomittuk from Point Hope. 32 33 CHAIRMAN BROWER: Go ahead, Point Hope. 34 35 MR. OOMITTUK: Yeah. Yeah, I noticed 36 yeah, you said it wasn't on the agenda, it was a 37 nonaction item and now is this an action item and would 38 it make it stronger if we opposed this position rather 39 than, you know, you had -- the timeline, the framing, you know, the -- the deadline's in a few weeks and we 40 41 do want to, you know, we're -- we're very subsistence 42 hunters and not just within our area, but south of us 43 also, you know, your traditional land use and 44 everything and want to ensure that it stays that way. 45 And then if we can -- if this benefits us in a certain way along with our neighboring communities that rely on 46 47 subsistence hunters that have been there for thousands 48 of years and, you know, we all need to work together 49 and ensure that our way of life continues. And if 50 0273 there's anyway we can support anybody or makes things 1 2 stronger so that we continue to live a life that we 3 grew up with since time immemorial. 4 5 And -- and if it is a action item then

6 I would propose that we not support this from BLM. 7 8 CHAIRMAN BROWER: Yeah. Thank you, 9 Steve. And just for your information Wanda's still 10 trying to dial in. She text me and said all circuits 11 are busy, but she's still trying to dial in. She got 12 booted out of her phone call there. 13 14 With that I think it's important to 15 hear from Michelle, is that Easten, about where in the 16 process are you in the BLM Central Yukon RMP, I guess 17 that's resource management plan, and EIS. Where are we 18 -- where are you in this process and just to shed some 19 light on that, are we at the tail end of this and --20 and do you have the -- any extension provisions or have 21 any authority to mention any of those provisions. 22 23 MS. ETHUN: Thank you, Mr. Chairman. 24 So we are about two-thirds of the way through the 25 process and I'm going to just take us back to a 26 timeline just for the purpose of I guess filling in 27 some of the gaps. 28 29 This land use plan, resource management 30 plan, actually initiated in 2013 so it's been going on 31 for a while, but in a series of fits and stops. We 32 engaged with public scoping as you indicated in 2013 and '14 and then we went into a pause while the staff 33 34 worked on some other land use -- major EISes and land 35 use plans and then started again in 2016. We did go 36 out with some additional requests for consultation as 37 well as government to government, but some time has 38 gone by so I can see where, you know, and that -- we're 39 coming on eight years, it gets rather fuzzy. And in 40 2017 we went out and did some initial kind of 41 reengagement with communities. We went to Anaktuvuk 42 Pass, we never made it to Nuiqsut or to Utqiagvik or 43 any other places. 44 45 We did initially send letters to the 46 North Slope Borough and Utgiagvik and Nuigsut, but this 47 last round -- so let me back up. Then we went back and 48 formulated the range of alternatives and this is where 49 the stage we're in now, the 90 day public comment 50 0274 1 period, is for the draft RMP EIS. And we sent out 2 notices, we have a couple of members on our mailing 3 list that are in Nuiqsut, but I don't see anybody else further to the west that might have been notified of 4 5 the public comment period. 6 7 As you indicated the public comment 8 period does end on March 11. The next step would be to

look at all of the public comments that have been 9 10 generated and make adjustment to the document and then come out with a final EIS and a -- and a proposed final 11 12 alternative. 13 14 We have not been briefed by the new 15 administration so it is unknown at this time what 16 changes if any may come about. We -- we haven't even 17 been given a date so there is always a chance that with 18 a new administration they may have further questions 19 and maybe delays in the process, it is unknown. And as 20 well we are -- it is unknown -- we are assuming that 21 the end of our public comment period is March 11. You 22 are welcome to request an extension and I am forwarding those requests along. So if the Council wishes you 23 24 could request an extension. I don't have the authority 25 to grant that extension, that goes to the department 26 level and because we haven't had a briefing all I can 27 do is pass it along. But you are certainly welcome to 28 do that. I would recommend doing that sooner than 29 later just because I can pass it along quickly. 30 And then in regard to the document 31 32 itself, as I mentioned before I sent along my contact 33 information and a -- we put together a virtual open 34 house website is the less -- less technical than the 35 planning website that was mentioned, kind of gives a 36 little bit more overview and the coordinator can pass 37 that along. 38 39 I am also happy and able to answer 40 questions if the Council or one of your representatives has questions or needs me to pull up items in the full 41 42 EIS itself. And so you're welcome to contact me in the 43 next two weeks if you'd like for assistance in ways to 44 best inform your comments. 45 46 Does that answer your question? 47 48 CHAIRMAN BROWER: Yeah, thank you, 49 Michelle. And I'm sure we've got a few questions here. 50 0275 1 2 3 And I -- you know, I read through Jack's comments a couple times and the resource 4 5 management plan indicates a recommendation to lift 6 public land order 5150 is what I gather. And there --7 in the resource management plan alternatives is there a 8 alternative that does not recommend lifting public land 9 order 5150 and -- and but allow for the management area to be managed effectively? 10 11

12 MS. ETHUN: That's a very good 13 question. Thank you, Mr. Chairman. And because you 14 have some good running knowledge of top filing I'll go 15 into a little bit more detail than I probably normally 16 would. 17 18 So the BLM's responsibility within the 19 land use plan per our land use planning handbook and 20 the code of Federal regulations and FLIPMA is that when 21 we go to a land use planning process we're supposed to 22 review any existing public land orders or withdrawals 23 and determine within the land use planning process if 24 they're meeting the purpose by which they were set 25 aside. 26 27 And one of the simplest ways to think 28 about that is for some military lands and in this case 29 just outside of Fairbanks and Fort Wainwright and we 30 would look at that and say well, let's -- they're using 31 it for its purpose so we recommend no action. In the 32 case of the ANCSA 17D-1 as we mentioned before, the 33 corporations have met their entitlement even though the 34 conveyances are still moving forward and so those lands 35 aren't needed to be set aside for that purpose. 36 37 In the case of PLO-5150, the outer 38 corridor has not served the purpose of the utility and 39 transportation corridor in the 50 years since it was 40 enacted and nor is there -- nor is there anticipated 41 uses such as fiber optic lines, et cetera, et cetera, 42 in that area. So absent the State's interest if we 43 just are thinking about BLM responsibilities we would 44 say that land doesn't need to be reserved for that 45 purpose, it can be managed it other ways. 46 47 It is the State interest that came 48 about per ANILCA 906E that creates the indirect affect 49 on subsistence. And it is -- it is within the outer 50 0276 1 corridor if BLM is following the..... 2 3 (Teleconference interference -4 participants not muted). 5 MS. ETHUN: .....guidance that it must 6 7 follow for looking at land withdrawal. 8 9 (Teleconference interference -10 participants not muted). 11 12 MS. ETHUN: It -- it would -- we do not have justification for retaining the withdrawal in that 13 14 corridor for that purpose by which it was set aside.

So yet it creates in all the action alternatives 15 because of the State's ability to top file it creates 16 17 that affect on subsistence. The only -- the only 18 alternatives right now in the draft RMP would be the no 19 action alternative which would be no action on that 20 PLO. 21 22 The inner corridor which is in 23 alternative C2 and D is meeting it's purpose by which it was set aside, but the BLM could -- is suggesting 24 25 that the withdrawal could be lifted and the BLM could 26 manage as a utility corridor in the same way without --27 without a reservation on it. 28 29 So those are some things you might want 30 to think about it as you're framing your comments. It is certainly as I describe to many people, it is 50 31 32 years of uses, laws and regulations that are not an 33 easy onion to peel when we simply say is the outer 34 corridor being used for the purpose by which it was set 35 aside and I think judging by your experience, Mr. Chairman, with top filing lands, I -- I would guess you 36 understand that that onion is kind of hard to peel. 37 38 39 Does that answer your question? 40 41 CHAIRMAN BROWER: It's pretty 42 complicated, but it -- it's important to, you know, look at the concerns and the intent behind the corridor 43 44 and if it wasn't achieving its management objective in 45 the last 50 years and..... 46 47 MR. REAKOFF: Mr. Chair, at some point I'd like to..... 48 49 50 0277 CHAIRMAN BROWER: .....that it would --1 and that it would be -- what's the difference if it 2 3 didn't -- if you didn't manage -- if it didn't meet its objective in 10 years or 20 years and now 50 years, why 4 5 the change in the -- in the resource management plan to 6 -- intent to lift that public land order.... 7 8 MS. ETHUN: The last.... 9 10 CHAIRMAN BROWER: ..... I mean, is there 11 a request? 12 13 MS. ETHUN: .....the last utility 14 corridor -- the last time the resource management plan 15 was done was -- well, this is replacing two resource management plans, one signed in the late '80s and one 16 17 signed in the late '90s. And so at that time, while I

wasn't involved in that project, I think there was 18 still anticipation that, you know, there could be those 19 20 -- you know, like utility or transportation type users 21 in that outer corridor. And then of course now it's 22 20, 30 years later so BLM is just following its 23 guidance again absent of the State's interest, just 24 following BLM guidance much as if you were looking at 25 the Fort Wainwright lands and say well, is it being 26 used for that. No. Okay. Do we need to reserve it for that. No, we don't. We could manage it other 27 28 ways, we would do other things over there. It is the 29 but for, it is the indirect effect of the State's 30 ability to top file lands under 906E that has -- that 31 creates the affect on subsistence. 32 33 And -- and because -- because the 34 assumption that once the PLO would be revoked and the 35 top filings become selections that is something that is 36 outside of -- well, BLM has to follow its guidelines. 37 I think Mr. Reakoff has indicated that the Secretary 38 doesn't have to take action on it, but BLM has to 39 follow the policy and guide -- guidelines. 40 41 MR. REAKOFF: Mr. Chairman. 42 43 CHAIRMAN BROWER: Yeah, go ahead. 44 45 MR. REAKOFF: Yeah, this is Jack 46 Reakoff. 47 48 MS. KIPPI: Mr. Chairman, just for the 49 record I'm -- I'm on -- I'm back online, I've been on 50 0278 1 for almost 12 minutes now. 2 3 Thank you. 4 5 CHAIRMAN BROWER: All right. Thank 6 you, Wanda. 7 8 Go ahead, Jack. 9 10 MR. REAKOFF: Well, Michelle keeps quoting ANILCA 906E which allows top filing, but I keep 11 12 quoting J-1 which says -- I'll quote it right out of 13 the -- I got the statute, the ANILCA statute in front 14 of me which is 40 years ago, not 50 years ago. This 15 was after they'd done the Alaska Native Claims 16 Settlement Act, they'd done the public land order in 17 1971. It says withdrawal for classification pursuant 18 to 17D-1 of the Alaska Native Claims Settlement Act 19 except in accordance with a memorandum of understanding 20 between the United States and the State of Alaska dated

September 2, 1972, to the extent of the public land 21 orders numbered 5150, the first one they cite and about 22 23 six others, by their terms continue to prohibit State 24 selections of certain lands. Such land shall remain 25 unavailable for future State selection except as 26 provided in the Statehood Act. And there's a portion 27 of the Statehood Act that talk -- talks about that it 28 -- what a citing is in the Statehood Act is community 29 expansion which they did around Coldfoot in 1991, they 30 gave 7,000 acres to the State of Alaska. 31 32 The statute and what Michelle Ethun 33 should be talking about is the entirety of this statute 34 which does not allow the State to select for future 35 selections. It's in the ANILCA law, that's what I'm 36 quoting is out of the ANILCA law. So the State cannot 37 select the utility corridor because it's under public 38 land order 5150 cited in ANILCA. 39 40 Thank you, Mr. Chair. 41 42 CHAIRMAN BROWER: Thank you, Jack. 43 And, Wanda, do you have any comments that you wanted to 44 express or any of that as well? 45 46 MS. KIPPI: Mr. Chair, none at this 47 time. 48 49 CHAIRMAN BROWER: All right. Thank 50 0279 1 you. Well, I think it's important that we -- you know, 2 it's a nonagenda item, I appreciate..... 3 4 MR. OOMITTUK: Mr. Chair. 5 6 CHAIRMAN BROWER: .....the..... 7 8 (Teleconference interference participants not muted). 9 10 11 CHAIRMAN BROWER: Yeah, go ahead. Is 12 that Steve? 13 14 MR. OOMITTUK: This is Steve for the record. Yes. You know, I -- I would like to hear the 15 16 Chair's recommendations, you know, because this is a 17 nonaction item or is it an item or it is a proposal, 18 you know, it wasn't on the agenda items. 19 20 (Teleconference interference -21 participants not muted). 22 23 MR. OOMITTUK: And, you know, we do

24 want to hear from the Chair recommendations to this BLM proposal. And aft -- after hearing from Jack and other 25 people what -- what kind of recommendations would the 26 27 Chair want to make to this proposal by BLM even though 28 it's not an action item and -- or is it now an action 29 item.... 30 31 CHAIRMAN BROWER: Uh-huh. 32 33 MR. OOMITTUK: ....and how would 34 it.... 35 CHAIRMAN BROWER: Well..... 36 37 38 MR. OOMITTUK: .....can you elaborate 39 on that a little bit before we do anything. 40 41 CHAIRMAN BROWER: Yeah, I would propose 42 we make a comment, maybe in the form of a motion, that 43 we -- we recommend that the BLM Yukon -- Central Yukon Resource Management Plan that a blend of alternatives 44 45 without any recommendation to the Secretary of Interior 46 to lift any portions of the utility corridor, PLO-5150, 47 for conveyance of land to the State of Alaska. And --48 and then provide for an extension to allow for regions 49 affected to participate more thoroughly in 50 0280 1 understanding the impacts. 2 3 That would be my recommendation that --4 that is imperative to attempt to move forward before 5 the BLM Central Yukon Resource Management Plan to a 6 final record of decision. It's pretty much consistent 7 with Jack Reakoff's recommendation and that's what I 8 would recommend. 9 10 MR. OOMITTUK: Mr. Chair, for the 11 record this is Steve. 12 13 CHAIRMAN BROWER: Go ahead, Steve. 14 15 MR. OOMITTUK: I make a motion to that. 16 17 CHAIRMAN BROWER: There's a motion on 18 the floor from Point Hope, Steve Oomittuk, to provide 19 comments to the BLM Central Yukon Resource Management 20 Plan and EIS and recommend a request of a blend of 21 alternatives without any recommendation to the 22 Secretary of Interior to lift any portions of the 23 utility corridor, public land order 5150 for conveyance 24 to the State of Alaska. And -- and to find a way to 25 move forward with the BLM Central Yukon Resource 26 Management Plan to a final record of decision and to

allow and -- and request for an extension of time to work with local governments in affected areas. There's a motion on the floor. MS. KIPPI: Second. CHAIRMAN BROWER: It's been seconded by Wanda from Atgasuk. Any discussion. (No comments) MR. WILLIAMS: Question. CHAIRMAN BROWER: The question's been called for by Anaktuvuk Pass. All those in favor of providing those comments to the BLM Central Yukon Resource Management Plan signify by saying aye. IN UNISON: Aye. CHAIRMAN BROWER: All those opposed same sign. (No opposing votes) CHAIRMAN BROWER: Hearing none, the ayes have it. Eva, if you can draft up those comments and I think we're going to make it before March 11th. MS. PATTON: Absolutely. Thank you, Mr. Chair. I'll draft up the comments and provide for the Council for your final review. And we have extension -- extensive discussion on the record as well for supporting justification. So thank you, Mr. Chair and Council members. CHAIRMAN BROWER: Thank you, all, for participating in this area on the nonagenda item and thanks, Jack Reakoff, for calling in and, Mr. Lohman from the Wildlife Department and also Michelle Easten -- is it Easten? MS. ETHUN: It's Ethun. CHAIRMAN BROWER: Ethun. MS. ETHUN: Right. 

30 CHAIRMAN BROWER: And we really 31 appreciate your time and we know you weren't on the 32 agenda, but we really appreciate you talking about the 33 project under BLM's Arctic Field Office slot. 34 35 MS. ETHUN: I'm happy to participate 36 and I'm glad that -- I'm glad we had the opportunity 37 and I look forward to receiving your comment. And I --38 as soon as I receive them if they have any mention of 39 request for extension I will pass that along 40 immediately. I'm trying to pass those along as quickly 41 as I can. 42 43 CHAIRMAN BROWER: Thank you. And we'll 44 hopefully maybe the mayor of the North Slope Borough 45 might get an invitation to participate in something, 46 who knows. 47 48 MS. ETHUN: Yeah, I'll -- I'll talk to 49 our field manager, Tim Lamar and as I mentioned before 50 0282 1 I'm happy to answer specific questions if -- if any of 2 the Council members want to do any follow-up. I'm --I'm always available and happy to -- happy to answer 3 4 questions. 5 6 CHAIRMAN BROWER: So noted. Thank you 7 very much. 8 9 We're going to go down the line. We're 10 going to Gates of the Arctic National Park and 11 Preserve. 12 13 MS. OKADA: Thank you, Mr. Chair and 14 Council members. For the record my name is Marcy 15 Okada, I'm the subsistence coordinator for Gates of the 16 Arctic National Park and Preserve. You should have 17 received three handouts in your supplemental packet. 18 They all have the Park Service arrowhead on them. I'm 19 just going to give a quick update on our last 20 Subsistence Resource Commission meeting and then Kyle 21 Joly will give an update on caribou on moose and then 22 we'll round it out with Will Deacy giving an update on 23 dall sheep. So I'll go ahead and get started. 24 25 CHAIRMAN BROWER: All right. 26 27 MS. OKADA: Our Subsistence Resource 28 Commission met this past November via teleconference. 29 Our SRC received updates on the Ambler mining district 30 road as well as Federal Subsistence Board wildlife 31 proposals that were passed and turned into regulation. 32

33 Our SRC continues to hear updates on 34 wildlife projects that occur in the Park and Preserve. 35 And a couple of the action items the SRC will be 36 following up with is a letter to the Secretary of the 37 Interior sharing concerns about the timeliness of SRC 38 appointments and reappointments. And then they also 39 will be submitting a comment letter on the Board of 40 Game proposals affecting the Dalton Highway management 41 corridor. 42 43 Our next meeting will be April 14th so 44 that's coming up and it'll be via teleconference. 45 46 Do you folks have any questions before 47 I pass it on to Kyle? 48 49 (Teleconference interference -50 0283 1 participants not muted). 2 3 CHAIRMAN BROWER: Any questions for 4 Marcy Okada from National Park Service? 5 6 (No comments) 7 8 CHAIRMAN BROWER: Go ahead and proceed, 9 Marcy, I don't see any question just yet. 10 11 MS. OKADA: Okay. So if Kyle is still online he'll -- he'll give -- he'll share some 12 13 information about caribou and moose. 14 15 CHAIRMAN BROWER: Kyle. 16 17 (No comments) 18 19 MS. OKADA: I think we might have lost 20 him, Mr. Chair. 21 22 CHAIRMAN BROWER: Well, you can finish for Kyle there, Marcy. 23 24 25 MS. OKADA: I will just quickly give an 26 update on caribou and moose. So the handout that you 27 received on the Western Arctic caribou herd about where 28 they calve. The main point of this handout, it shows 29 -- it shows a map of the calving areas with this far 30 most area colored red. So that -- that's the primary 31 area that the caribou calve and then the outer layers 32 show the expansion of area. You know, the primary area 33 where they calve is the red -- the red central area, 34 but they -- they've also been known to calve in the 35 outskirts or the bluer area of the map as well.

36 37 And the main point of this handout is 38 that caribou use memory, they use their memory to guide 39 them back to their calving areas each year and they 40 tend to search for the general part of their calving area is where there's high quality forage such as 41 42 flowering -- flowering cotton grass. And so that's the 43 main point of the handout. 44 45 And then lastly on moose. This moose 46 study occurred mainly south of the Brooks Range so in 47 the forested areas. 48 49 MR. JOLY: Marcy, can you hear me now? 50 0284 1 MS. OKADA: Oh, sure. This is Kyle so 2 I'll hand it over to Kyle. 3 4 Sorry about that. I don't MR. JOLY: 5 know what was going on. 6 7 Thank you, Mr. Chairman. Kyle Joly 8 with the National Park Service. I'm a wildlife 9 biologist for Gates of the Arctic. 10 11 Yeah, Marcy covered that brief on our 12 The other paper that we wanted to caribou paper. 13 highlight is about moose south of the Brooks Range. 14 And it just talks about how even in the Arctic moose 15 are seeking out places that offer shade to get away 16 from the heat in the summertime. And in the lower 48 17 moose populations are declining and they've -- they've 18 attributed it to warming temperatures. And so this 19 research just goes to show that even in the Arctic 20 moose are responding to very warm summers. This is 21 again south of the Range. 22 23 And I'd be happy to answer questions 24 about the caribou paper or the moose paper. 25 26 CHAIRMAN BROWER: Any questions to Kyle 27 on caribou, Western Arctic herd, and the -- and the 28 moose from any of the Council members. 29 30 (No comments) 31 32 CHAIRMAN BROWER: On the moose and this 33 is the National Park Service lands, what are the 34 population trends in that area? 35 36 MR. JOLY: So on the south side of the 37 Brooks Range it's a low density population, but it's 38 been fairly stable. There's maybe a slight decline in

39 the moose population and that's something that we've 40 seen across the south side of the Brooks Range into the Noatak, lower Noatak, Kobuk, Selawik area. Just kind 41 42 of somewhere between stable and -- and declining a 43 little bit. But that's -- we're not sure why yet and that's something that we're -- we're looking to do some 44 45 more research on. 46 47 CHAIRMAN BROWER: Uh-huh. Yeah. And 48 I'm not sure if you were following along on many of the 49 other moose dialogue in the fairway of the Colville 50 0285 1 River area and -- and if any of your moose ever interact with those moose or if there are any exchange 2 3 that go on that way. 4 5 MR. JOLY: So the moose research that 6 we've done in the Park has all been on the south side 7 of the Range. So we've put collars up into the north fork of the Kyakuk River so just west of Jack's house 8 9 there. And we've had some animals, you know, move up 10 the north fork a little bit, but the winters tend to be too difficult for them and they -- they get pushed down 11 to the larger drainages. And so we didn't have any 12 13 moose migrate north of the Brooks Range and into the 14 North Slope at all. We did have some moose migrate 15 between like the Glacier River area south into the 16 Kanuti National Wildlife Refuge, but we didn't have any 17 that migrated north. And all of our population surveys 18 all focus on the south side of the divide. So we -- we 19 really don't have any information and Carmen would be, 20 you know, the go to source for moose on the north side 21 of the Range. 22 23 CHAIRMAN BROWER: Thank you. I'm just 24 drumming up some talking points. That's about it 25 there, Kyle. 26 27 MR. JOLY: Well, I appreciate it and, 28 you know, we're -- if you guys got questions and we 29 have the opportunity to try and answer them, you know, 30 that's always the most exciting research for us. 31 32 CHAIRMAN BROWER: Right. Yeah. All 33 right. So last time we -- I think we talked, we were 34 talking about delegating management authority in some 35 way for the Park Service. Has that worked out good? 36 37 MS. OKADA: Mr. Chair, I think you're 38 talking about the individual customary and traditional 39 use determination that I presented to you at the last 40 North Slope RAC meeting. And Kim Jochum is the one 41 that provided the update on that. And so as she had

42 mentioned the Federal Subsistence Board decided not to 43 delegate the authority to the Park Service. It's still 44 under -- it'll still be under the Federal Subsistence 45 Board. 46 47 CHAIRMAN BROWER: And -- and that was 48 just only on that one process and -- and it didn't 49 defer any other delegation at all? 50 0286 1 MS. OKADA: Correct. So that was 2 strictly for individual C&T and it wasn't a delegation of authority for anything else. And..... 3 4 5 CHAIRMAN BROWER: Just kind of 6 remembering and it just kind of gets a little foggy 7 when we don't communicate on these for a long period 8 after we see what the trend was going to be. 9 10 Any questions for the Park Service from 11 any of the Council members. 12 13 MR. JOLY: Mr. Chairman, this is Kyle 14 Joly again. 15 16 CHAIRMAN BROWER: Yeah. Go ahead, 17 Kyle. 18 19 MR. JOLY: Yeah, you just jogged my 20 memory speaking of that. So there -- there was two 21 other things that I wanted to touch base on. One is 22 that we spoke in the fall and I'd mentioned that we 23 were unable to put out any collars in the Western 24 Arctic herd. And so we're planning with Fish and Game 25 to deploy them via helicopters and the decision was 26 made to do that via net gunning. And so that operation 27 should be taking place on the south side of the Brooks 28 Range probably out of the Dall Creek area which is just 29 north of the village of Kobuk. And so Fish and Game 30 and Park Service will be deploying collars in about a 31 month's time on the Western Arctic Herd. 32 33 And the other thing I wanted to mention 34 is that we had a caribou poop project where we're 35 looking at diets and stress levels of caribou through 36 their poop. And that project was delayed last year due 37 to Covid and we're going to try and do it this year. 38 And most of the herd is in Gates of the Arctic, the 39 western side of Gates of the Arctic so I think we'll be 40 fairly far from any subsistence users, but we'll do our 41 best to stay away from any subsistence activities for 42 that project. 43 44 CHAIRMAN BROWER: Sounds interesting.

45 I would love to have a job just deploying the nets from 46 the helicopter. 47 48 MR. JOLY: Yeah, it's exciting. 49 50 0287 1 MR. OOMITTUK: Mr. Chair, Steve for the 2 record. 3 4 CHAIRMAN BROWER: Go ahead, Steve. 5 6 MR. OOMITTUK: Yeah. You know, I -- I 7 know there was some concerns about when they do collar certain caribou and -- and using the drug that they use 8 9 to tranquilize caribou which make them unedible for, 10 you know, human consumption for up to two weeks. And 11 are they still using that drug, is that how they still 12 collar animals and putting them down with helicopters 13 and using that certain drugs that makes the animals 14 unedible for human consumption? 15 16 MR. JOLY: Mr. Chairman, Kyle Joly 17 again. So the decision was made to go with net gunning 18 so we won't be using drugs at all and so the animals 19 will be safe to consume immediately upon release. We 20 were debating whether or not to use darting techniques 21 where we shoot a dart at the animal and inject them with drugs that would render the animals inedible for a 22 23 period of time, but discussions with this RAC and other 24 RACs, ACs, some SRCs and some other conversations that 25 the State led -- led us to try and go with the net 26 gunning operation again and that's what we're planning 27 on doing this year is net gunning and no drugs. 28 29 MR. OOMITTUK: Thank you. 30 31 CHAIRMAN BROWER: All right. Very 32 good. Did that answer your question there, Steve. 33 34 Any other questions for the National 35 Park Service and Preserve? 36 37 MS. OKADA: And, Mr. Chair, I think we 38 have one more information share on dall sheep if we 39 still have Will Deacy online. 40 41 CHAIRMAN BROWER: All right. 42 43 MS. OKADA: It's the third handout in 44 your meeting packet. 45 Thank you, Mr. Chair. 46 MR. DEACY: This 47 is Will Deacy. I'm a biologist with the National Park

Service. I'm just going to give a quick update about 48 49 the Park Service's effort to monitor dall sheep in 50 0288 1 Gates of the Arctic Park and Preserve. 2 3 During the last meeting Marcy gave a 4 summary of results from a dall sheep survey we flew 5 last July and that's -- there's -- there's a 6 supplemental handout that Marcy was just talking about. 7 It says dall sheep, 2020 survey at the top. And that 8 has a lot more detail than I'm going to talk about now. 9 10 To briefly review we were unable to fly 11 our normal aerial survey because of concerns about 12 Covid transmission. We instead flew a small pilot only survey of just portions of the Itkillik Preserve in 13 14 northeast Gates of the Arctic Park and Preserve. The survey results indicated approximately average lamb 15 16 recruitment last year. And in addition there were no 17 clear -- there was no clear change in population size 18 compared to the previous few years. Which means that 19 the population is still down about 50 percent compared 20 to before 2013. 21 22 Now in terms of plans for surveying 23 next summer, there's been concerns that poor weather 24 conditions on the south side of the Brooks Range has 25 caused a major decline in sheep populations there. And 26 that decline's not reflected in the surveys that we do 27 annually on the north side of the Brooks Range. So in 28 addition to our regular surveys of the area around 29 Anaktuvuk Pass and the Itkillik Preserve. We're also 30 going to survey sheep in southeast Gates of the Arctic 31 Park between the John River and the Dalton Highway. 32 33 And overall these surveys will allow us 34 to return next fall with information about the status 35 of dall sheep around Anaktuvuk Pass, the Itkillik 36 Preserve and also in southeast Gates. 37 38 And that's all I have for you on sheep. 39 I'd be happy to answer any questions. 40 41 CHAIRMAN BROWER: Any questions from 42 the Council on dall sheep survey? 43 44 MR. OOMITTUK: Yeah, dall sheep. I noticed that -- yeah, this is Steve for the record. 45 46 When you say dall sheep I..... 47 48 (Teleconference interference -49 participants not muted). 50

1 MR. DEACY: Yeah, through the Chair. 2 This is Will Deacy. Yep, these are all -- this is all 3 talking about dall sheep. 4 5 MR. OOMITTUK: We noticed that the 6 sheep are coming back into Cape Lisburne area and the 7 Delong Mountains. They -- seemed like they were gone for a while, but we know that local hunters are 8 9 starting to see dall sheep. Now, you know, for 10 consumption do we still need to get a license or a 11 ticket for them or are they -- are they in abundance of 12 other areas. We know that they were gone from Delong 13 Mountain or Cape Lisburne area for quite some time, 14 that's why we never saw them for a while. 15 16 MR. DEACY: Yeah, through the Chair. 17 This is Will Deacy. My understanding is that they're 18 still -- there's not a Federal subsistence hunt for 19 dall sheep in the Delong Mountains. And I didn't 20 realize that there were sheep up in Cape Lisburne, I 21 heard you say that earlier and I made a note of that. 22 But yeah, as of now there's no subsistence hunt in the 23 -- in Federal lands where the Delong Mountains are just 24 because the population had crashed so hard. And we're 25 continuing to monitor that population every few years 26 to see if it will recover. 27 28 MS. KIPPI: I was -- I'm back on, I was 29 off. I got -- I got closed off on the phone again. Ι 30 was using my cell phone. 31 32 CHAIRMAN BROWER: All right, Wanda. 33 And we're still -- we're on the National Park Service 34 under sheep and -- and discussing that. 35 36 MS. KIPPI: Thank you. 37 38 MR. OOMITTUK: Yeah, this is Steve. 39 40 CHAIRMAN BROWER: Any other question? 41 Go ahead, Steve. 42 43 MR. OOMITTUK: Yeah, they -- yeah, they 44 are back. The local hunters have been seeing them for 45 -- especially this last year. And they were towards 46 Cape Lisburne right by (in Native). And they -- there 47 are sheep up in that area. We don't -- we don't ever 48 see sheet towards Cape Thompson, but in the past 49 they've been around Cape Lisburne. They used to be for 50 0290 1 consumption years ago. And, you know, we haven't 2 caught any in a while, but they are back, they're

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observed by local hunters. And also lynx are back in 3 4 the area too. So..... 5 6 MR. DEACY: Through the Chair. This is 7 Will Deacy. Thank you, Mr. Oomittuk, for that observation. We'll keep that note and hopefully the 8 population there and the Delongs will continue to 9 10 recover and we can eventually have another hunt in those areas. 11 12 13 Thank you. 14 15 CHAIRMAN BROWER: (In Native). Any 16 other guestions to the National Park Service. 17 18 MR. REXFORD: Mr. Chair, this is Eddie 19 from Kaktovik. 20 21 CHAIRMAN BROWER: Go ahead, Eddie. 22 23 MR. REXFORD: Yes. I just wanted to 24 ask Marcy if the Park Service receive the new Secretarial order 3392? 25 26 27 MS. OKADA: For the record this is 28 Marcy Okada to Mr. Rexford. To my knowledge we -- we 29 haven't received that executive order as of yet. 30 31 MR. REXFORD: Well, it was signed by 32 Ben Hart before he got off and we -- we received it on 33 January 12th of this year. And it was marching orders 34 for the assistance..... 35 36 (Teleconference interference -37 participants not muted). 38 39 MR. REXFORD: ....of Fish and Wildlife 40 and Parks within 60 days of the date of this order 41 submit a report to the Deputy Secretary. So I think 42 it's prudent that you guys get the Secretarial order and converse with Anaktuvuk Pass because this is 43 44 regarding their lands also. 45 46 Thank you. 47 48 MS. OKADA: And, Mr. Rexford, it was 49 executive order 3392? 50 0291 MR. REXFORD: That's correct. 1 2 3 MS. OKADA: Okay. Thank you. 4 5 MR. REXFORD: Secretarial order from

the Secretary of Interior. 6 7 8 CHAIRMAN BROWER: That's pretty good 9 information there, Eddie, and making sure that these 10 kind of things get set in motion and it should have 11 been conveyed to us rather than we conveying to them. 12 But it's what it is. 13 14 MR. REXFORD: And that's all I had for 15 the Service. Thank you. 16 17 CHAIRMAN BROWER: Quyanaqpak. Any 18 other questions for the Park Service? 19 20 (No comments) 21 22 CHAIRMAN BROWER: Hearing none, thank 23 you, Marcy and all the -- all your folks there with 24 your reports. 25 26 MS. OKADA: Thank you, Mr. Chair, 27 Council members. 28 29 CHAIRMAN BROWER: So we're going to go 30 down the line and Fish and Wildlife Service. Was that -- are these different things? I think that is a Fish 31 32 Wildlife Service for National -- Arctic National 33 Wildlife Refuge and then U.S. Fish and Wildlife 34 Service, Utqiagvik Field Office, are subsets of that. 35 36 MS. PATTON: Yes, thank you, Mr. Chair. 37 We have Arctic National Wildlife Refuge staff online. 38 We do not have confirmation from the field office so I 39 don't think we'll have that report today. But Arctic 40 National Wildlife Refuge is online. 41 42 Thank you. 43 44 MR. NAGEAK: Hello, this is Ernest 45 online as well. 46 47 Thank you. 48 49 MS. PATTON: Oh, wonderful, Ernest, you 50 0292 1 are online. Great. Last but not least. So wonderful. 2 3 4 Thank you so much. 5 6 CHAIRMAN BROWER: Okay. You guys got 7 the floor. 8

9 MR. BERENDZEN: Thank you, Mr. Chairman 10 and Council. This is Steve Berendzen, Refuge manager for Arctic National Wildlife Refuge. I think you 11 12 should have received a packet of our summary update 13 which doesn't have a lot of new stuff in it, but I would like to mention a few things that are updates. 14 15 16 Due to the Covid situation we had 17 limited field activities this past year and -- and but 18 we still have plans for more this upcoming season and 19 we'll see how Covid works for that. 20 21 But as far as updates we had a staffing 22 position filled. We were able to recruit and fill the 23 supervisory biologist. Paul Leonard was selected and 24 started in that position in December. So we're happy 25 to have that position filled. 26 27 The oil and gas program, the record of 28 decision for the lease sale EIS was signed last August. 29 And that -- that was in effect. And there was an EA 30 developed or in progress to be developed for the 31 seismic proposal that was submitted by KIC that was not 32 completed, that the oil and gas development program was 33 put on hold by the new administration and they are 34 reviewing that program. However there was a lease sale 35 that was held in January with nine leases sold on the 36 coastal plain. And we were unable to do hardly any field projects on the coastal plain in support of the 37 38 oil and gas activities last summer, but -- due to Covid, but if Covid will allow we're hoping to conduct 39 40 several field monitoring projects this summer, but some of those we've already had to remove off the list of 41 42 the earlier ones that were planned due to the uncertainty of Covid and our lack of ability to plan 43 44 for them at this time. 45 46 But I wanted to mention a few of the 47 highlight projects that we still hope to do. We have 48 several collaborative studies and other studies that 49 were supporting for the coastal plain. One of those is 50 0293 the Beaufort Lagoon long term ecological research 1 project that Kim Dunson has been doing for several 2 3 years out of the University of Texas at Austin. And 4 hopefully that will happen this year. 5 6 We've also been working with the 7 University of Alaska Fairbanks on snow mapping, trying to identify patterns of snow, that we've noticed that 8 9 there are a lot of areas that have less snow and more snow even -- even variations between years so we're 10 11 hoping to learn more about that.

12 13 We're also supporting a soundscape 14 ecology study that looks at soundscape and impact of 15 wildlife behavior. And that's out of the University of 16 Alaska Fairbanks. 17 18 We've also got a wolverine study that 19 we're collaborating with. They'll be using camera 20 traps to detect wolverines that are attracted to a 21 scent attractant. And that's being done by the 22 Wildlife Conservation Society and University of Alaska 23 Fairbanks. 24 25 And then we've got a couple other 26 studies that are looking at petroleum geology. One is 27 from the State, it's looking at both petroleum geology 28 and lakes. The lakes they'll be looking at the 29 symmetry of the lakes and -- and fish species and 30 that's being done by the State of Alaska. 31 32 And then another geology of petroleum 33 systems project is scheduled by USGS and that's been 34 ongoing for several years by USGS. 35 36 And then we've got some of our own 37 studies that we're planning to do. The Canning River 38 bird study that we've been doing for several years. 39 We're hoping to get out and do that, but that's usually 40 right at the very beginning of the summer field season 41 and we should be planning that, right, and actually we 42 should have had that all planned, but and with Covid 43 we're not sure we'll be able to do it. 44 45 We do have a caribou habitat and a 46 climate change impacts on habitat and the insect 47 harassment study that we've got planned and that's 48 going to be in collaboration with the Alaska Department 49 of Fish and Game, USGS and Canadian agencies. 50 0294 1 And then we're also planning to conduct a baseline contaminants and water quality study on the 2 3 coastal plain. So hopefully we'll be able to follow 4 through and do those. 5 6 Another item that I wanted to mention 7 is we're also submitting comments on the Central Yukon 8 RMP that there's been much discussion about today. 9 10 And we just issued a contract for a 11 traditional access study for the villages of Kaktovik, 12 Arctic Village and Venetie on traditional means of access. And we've identified this as a need in our 13 14 comprehensive conservation plan. We're following

through with that as well as a memo that -- from our 15 16 director, Fish and Wildlife Service director that we 17 received which directed us to do that as well. So 18 we're.... 19 20 (Teleconference interference -21 participants not muted). 22 23 MR. BERENDZEN: ....and hope to have 24 that completed within a year. 25 26 So those are the updates that I've got 27 and I'd be happy to answer any questions. 28 29 CHAIRMAN BROWER: Thank you. That's a 30 lot of stuff there. And -- and lots of different 31 moving parts. 32 33 Any questions for Steve Berendzen from 34 the Refuge? 35 36 MR. REXFORD: This is Eddie. I've got 37 one. 38 39 CHAIRMAN BROWER: Go ahead, Eddie. 40 41 MR. REXFORD: Yes. I'm curious, I know 42 you guys did moose surveys and what's the -- and you guys did sight some muskox in our area. Is there a 43 44 total number of muskox counted for the past year or the 45 previous year? 46 47 MR. BERENDZEN: Thank you. Through the 48 Chair. Mr. Rexford, we -- we have not been able to do 49 any surveys this past year. So I think what you're 50 0295 referring to is the survey we did over a year ago, I 1 believe it was the fall of 2019. And it -- yes, we did 2 document one group of muskox with that moose survey, 3 but we have not -- it's been a few years or more since 4 5 we've done any muskox surveys because for the last few 6 years that we did surveys we generally didn't find any 7 muskox or -- or it was only a handful, just a few. 8 9 MR. REXFORD: Okay. And the other 10 part, one other question I have is what the total count 11 would have to be for a limited hunt for Kaktovik like 12 we used to do in the past. Is there a number that 13 would have to be counted? 14 15 MR. BERENDZEN: Through the Chair. 16 Thank you, Mr. Rexford. That's a -- that's a good 17 question and I don't have an answer off the top of my

head. I would have to -- I think that -- that would 18 19 have to be discussed with our mammal biologist as well 20 as Alaska Department of Fish and Game biologists. And 21 I think the -- the other thing we'd have to do to 22 support that would be have a survey specifically for 23 muskox to try to get a better understand of how many 24 are on Arctic Refuge or on the coastal plain in that 25 area. 26 27 So it's a good question, we can look 28 into that and pursue that, but I'm -- at this -- what I 29 understand from the top of my head that those would be 30 some requirements before -- before I could give you an 31 answer as to how many there would have to be. 32 33 MR. REXFORD: All right. Thank you, 34 Steve. That's all I had. 35 36 Thank you, Mr. Chair. 37 38 MR. BERENDZEN: Thank you. 39 40 CHAIRMAN BROWER: Any other questions 41 to the Refuge manager? 42 43 MR. WILLIAMS: Mr. Chair, this is Earl, 44 Sports Creek -- I mean, Anaktuvuk. 45 46 CHAIRMAN BROWER: Yeah. Go ahead, 47 Earl. 48 49 MR. WILLIAMS: Anyway to answer Eddie's 50 0296 question. Anyway there was one muskox on there, maybe 1 not even three days on the Anaktuvuk River, but they 2 3 said it just appeared and all of a sudden a caribou came around again. The way that people are saying that 4 5 caribou are scared of caribou or something and it was 6 up there by Tutalwok Lake too and that's where it hung 7 out for a while. 8 9 That's all I had to say. Thank you. 10 11 CHAIRMAN BROWER: Thank you, Earl, for 12 those observations. 13 14 And, Earl, did it -- was the community 15 feeling that it was deflecting caribou or what was --16 any other observation there? 17 18 MR. WILLIAMS: Well, all it -- all 19 these elders think that when there -- when there's a 20 muskox come around here, you know, it's -- caribou

21 don't come around, that's all they say, you know, and 22 they go down to (indiscernible) Pass. 23 24 CHAIRMAN BROWER: Ten/four. I do have 25 a question about moose in that area. How often does 26 the census take place by the Refuge over there? 27 28 MR. BERENDZEN: Thank you, Mr. Chair. 29 After discussions in previous RAC meetings we committed 30 to doing more frequent surveys. And we -- we had been 31 doing both a fall and a spring survey for -- I guess it 32 was just the year 2018 or fall of -- sorry, spring of 33 2018, fall of 2018 and then spring of 2019. But we --34 due to Covid we or -- and also fall of 2020 or 2019. 35 Due to Covid we have not been able to do any surveys 36 since then. But what our commitment was both fall and 37 spring surveys because there was some good points made 38 that what we might see in the spring may be totally 39 different in the fall. And so we -- we did what we 40 could in the fall as well as spring and there were some differences noticed the couple years that we were able 41 42 to do that. 43 44 But that -- that's our -- our plan. 45 That's what hope to proceed with..... 46 47 (Teleconference interference -48 participants not muted). 49 50 0297 1 MR. BERENDZEN: ....we can go get -- I 2 quess I'll say back to normal, but we don't know when 3 Covid's going to allow that and -- and how much back to 4 normal we'll actually be able to get. 5 6 Mr. Chairman, did that answer your 7 question? 8 9 MR. WILLIAMS: Mr. Chairman. 10 11 CHAIRMAN BROWER: Yeah. Yeah, I got 12 tangled up in another phone call real quick, but yeah, 13 basically. 14 Yeah, go ahead. Is that Eddie? 15 16 17 MR. WILLIAMS: No, Earl. 18 19 CHAIRMAN BROWER: Oh, okay. Earl. 20 21 MR. WILLIAMS: Anyway about a couple 22 months ago one of the hunters when they came back from 23 -- from (indiscernible) Pass fishing area and they were

24 coming home they said they ran into five moose there in 25 that Anaktuvuk River. Usually we don't see moose 26 around here, but if we're lucky we get one. 27 28 Thank you. 29 30 MS. KIPPI: Thank you. 31 32 (Teleconference interference -33 participants not muted). 34 35 MS. KIPPI: ....for question. 36 37 CHAIRMAN BROWER: Okay. I'm back 38 and.... 39 40 MS. KIPPI: Do we have any more 41 questions? 42 43 (Teleconference interference -44 participants not muted). 45 46 MS. KIPPI: Okay. Thank you. 47 48 CHAIRMAN BROWER: Yeah. Any other 49 questions to Steve Berendzen over at the Refuge. 50 0298 1 (No comments) 2 3 CHAIRMAN BROWER: Well, we appreciate 4 your time and -- and your feedback and all the 5 information regarding what's going on around the Refuge 6 over there and we'll -- we'll catch up again when the 7 time is right. 8 9 MR. BERENDZEN: Thank you, Mr. Chair. 10 11 CHAIRMAN BROWER: All right. So 12 Utgiagvik Field Office. 13 14 MR. NAGEAK: (In Native). Greetings. 15 It's been a while since I called in. This is Ernest 16 Nageak from the U.S. Fish and Wildlife Service, Barrow 17 I'm the Alaska Native affairs Field Office. 18 specialist. 19 20 Last time we had (in Native) with us, 21 but she no longer -- her term expired so it's just me 22 in the Barrow Field Office and our supervisor, Neesa 23 (indiscernible) out of the Fairbanks Field Office. 24 25 Last summer we had no field work due to 26 Covid. We usually have biologists and volunteers come

27 up for our migratory bird survey and also a shorebird 28 people that come up. So it was a quiet summer. 29 30 I did road surveys looking for steller 31 eiders along the road system, along Gaswell, Nunawak 32 and Freshwater Lake Road. And (indiscernible) did some 33 nesting area surveys middle of the summer. 34 35 But that was all our field work. And 36 right now we're currently doing our Native relations 37 training for Federal employees that work in Alaska or 38 the U.S. We just finished last week our cross cultural 39 relations class with Father Alexa so we'll be 40 continuing to do that. 41 42 We'll continue to do outreach with lead 43 -- lead shells. You know, the birds are going to start 44 migrating this year so keep in mind to watch out what 45 kind of shells you buy, make sure they are -- doesn't 46 consist of lead and they -- you know, they're steel. 47 But if you have old lead shells we had recently got a 48 shipment of steel that if you have old shells we can --49 last -- last year we had ran out, but we had gotten --50 0299 1 we had a program back then that if you had lead shells 2 we could exchange them shell for shell for steel. So 3 we -- we have some shells now so if you have old lead 4 shells we'll be able to switch them out from 12 gauge, 5 16 and 20 gauge. 6 So we have that going. 7 8 Hopefully we're starting to set some 9 guidelines for if there will be an upcoming program this year, but for as -- for as long as the Barrow 10 11 Field Office, I haven't heard anything yet if anybody 12 will be coming up this summer. 13 14 But other than that, that's what going 15 on in Barrow. We're also still continuing the polar 16 bear tagging and the walrus test tagging. So we have 17 taggers in Point Hope, Point Lay, Wainwright, Barrow 18 and a lot of the coastal villages. And we usually 19 travel to I think Point Hope and Wainwright in the 20 month of June (in Native) season while everyone's in 21 town to get tags. So if you guys need any polar bear 22 or walrus tags just call our office, 852-2058, for all 23 the North Slope Borough. 24 25 That's it. Any questions? 26 27 CHAIRMAN BROWER: (In Native), Ernest. 28 (In Native). 29

30 Any questions for Ernest from any of 31 the Council. 32 33 MR. OOMITTUK: Yes, good afternoon. 34 This is Steve for the record in Point Hope. 35 36 CHAIRMAN BROWER: Go ahead, Point Hope, 37 Steve. 38 39 MR. OOMITTUK: Yeah. Good afternoon, 40 Ernie. It's been a while. 41 42 Now, you know, we know that North Slope 43 Wildlife provides funding for polar bear patrol, but 44 they kind of started late. We're wondering if you guys 45 have any -- because they only supplied for one -- one worker which was about eight hours a day and they --46 47 they would quit like 4:00 in the morning. And we were 48 so concerned about the kids walking to -- there's a lot 49 of kids that walk to school and, you know, now that we 50 0300 1 have more daylight, you know, there's been a lot of 2 polar bears around. 3 4 You know, it's -- this year has been --5 you know, we stayed at a temperature from late November to minus 20 throughout November, December, January and 6 7 February, it never go above zero. You know, in the 8 past we had some rain in January and February where it 9 made it hard for animals to -- like the caribou, the 10 Western Arctic caribou herd to get access to their food because of rain in January and February when it froze 11 12 the ground and there's an abundance of snow this year. You know, it hasn't -- but it -- you know, it -- this 13 14 year's been different, it stayed at a temperature of 15 minus 20 and as low as minus 30, but you're not talking 16 wind chill. You know, we had winds up at 55 miles an 17 hour and gusts to 60, you know, at times. We always 18 have winds here in Point Hope average most of the time 19 and around 20 miles an hour which isn't too bad. But 20 we do get gusts to 55, 60 at least once or twice a 21 month. 22 23 And, you know, the thing about, you 24 know, the winds have been majority from the north 25 lately. We finally got south wind and, you know, our 26 ocean has been open all winter even though it stayed at 27 20 below. You know, we -- we celebrate the born of the 28 ice when it's (in Native), you know, the -- when the 29 ice is born and connects to the land and we pull out 30 the whale's tail. And it's been getting later and later the last few years. It's now, you know, I stated 31 32 earlier that, you know, it froze up towards the later

33 part of November, right before Thanksgiving. And we 34 pulled the whale tail's out. When you catch five or 35 under you pull them out when the ice is born, but after 36 -- after five whales, the sixth whale you can pull it 37 out anytime you want. 38 39 And -- and the ice cellars have been 40 staying frozen because they're stored, you know, 41 they're at a certain temperature not fully frozen, but, 42 you know, a temperature where they don't thaw or flood 43 with water or anything like that and that's an 44 attraction to polar bears. 45 46 But I -- I know that you know in Barrow 47 area that the ice was open earlier also. But, you 48 know, there's -- you know -- you know, the abundance of 49 snow out there in the last few years. 50 0301 1 But the animals are still here, the caribou has been around year round. And like I stated 2 3 just the other day, I don't know if anybody contacted 4 you guys or anything, but there was a caribou in town 5 that was injured, right in the middle of town, right by 6 the school, the playground. And that's right in the 7 back middle of town and but they put it out of its 8 misery because it was injured. And there was caribou 9 caught -- there's been caribou by the airport, the old village. They're just a few miles out of town spending 10 11 their time -- you know, they're very observant of their surroundings. They're just -- like they're not scared 12 13 -- I don't know if they -- some people said oh, I think those were reindeer, you know, you can tell reindeer 14 15 and caribou, you know, by the -- how short some of them are with their legginess and -- and they're more -- you 16 17 know, they don't tend to run away from humans. 18 19 But thank you and thank you for calling 20 in. 21 22 MR. NAGEAK: Thank you, Steve. 23 24 CHAIRMAN BROWER: Any other questions 25 for Ernest or the Utqiagvik Field Office? 26 27 MR. NAGEAK: Thank you, Steve. I just 28 wanted to share the U.S. Fish and Wildlife Service 29 provides grants and funding to the North Slope Borough 30 to help provide polar bear patrol. 31 32 And also the Federal -- the Federal 33 government has these Federally recognized grants for 34 Federally recognized tribes. Because I used to work 35 with Native Village of Barrow and we received a grant

36 to provide -- we had a young hunter's program, bring 37 people out hunting that didn't have the resources. 38 39 And another example is Point Lay. They 40 had applied for the Federal grant provide monitoring 41 for walrus. And that could be another avenue, you 42 know, maybe the Native Village of Point Hope to maybe 43 apply for that grant and maybe they could have one of 44 their tribal members as a polar bear patrol if they're 45 able to get that grant. 46 47 But just wanted to share the -- I think 48 Fish and Wildlife Service works with the North Slope 49 Borough to provide polar bear patrol across the North 50 0302 1 Slope. 2 3 Thank you. 4 5 CHAIRMAN BROWER: (In Native) 6 7 (Teleconference interference -8 participants not muted). 9 10 CHAIRMAN BROWER: It would be all the tribes that are -- we better call all the tribes that 11 12 are on the coast. There's money out there, you just 13 got to put in a grant request. 14 15 All right. (In Native). 16 17 MR. WILLIAMS: Mr. Chair. 18 19 CHAIRMAN BROWER: Yeah, go ahead, Earl. 20 21 MR. WILLIAMS: Yeah, here in Anaktuvuk 22 we have the animals patrol from the city, but the 23 falltime of the bear coming to town and -- and winter 24 we have problems with the wolves coming around and now 25 lynx coming around now. And there were a couple of 26 them here. So we're just trying to survive and them 27 providing good animals and pretty surprising with a 28 lynx this far up. 29 30 Thank you. 31 32 CHAIRMAN BROWER: Thank you, Earl. And 33 I think lynx at least when my -- my old man was alive 34 he would talk about them. (In Native) they call them 35 (in Native). And they have a cycle. (In Native) every 36 eight years (in Native) eight or seven years is their 37 cycle. (In Native). So I remember the old man talking 38 about those lynx, they get more and more in abundance

39 every six or every seven or eight years. Just 40 listening to old stories and there was some hiding 41 around Barrow too and I seen some of the hunters 42 getting them out of Nuigsut area and stuff. 43 44 (In Native). 45 46 Thank you, Ernest. If there aren't any 47 other further questions for Utgiagvik Field Office we 48 appreciate your service and the things that you do. 49 50 0303 1 Thank you so much. 2 3 So with that.... 4 5 MR. NAGEAK: (In Native). 6 7 CHAIRMAN BROWER: ....Office of 8 Subsistence Management, OSM. 9 10 MR. FADDEN: Thank you, Mr. Chair, 11 members of the Council. My name is Steve Fadden, I'm 12 the acting division chief of wildlife for OSM in 13 Anchorage. 14 15 First of all we wanted to thank you and all the Council members for your work. It has been 16 17 very difficult for all of us dealing with the Covid-19 18 environment. We are holding all 10 winter 2021 19 Regional Advisory Council meetings via teleconference. 20 This decision was made with the utmost consideration 21 and concern for the health and safety of Council 22 members, families, rural communities, the public and 23 staff who are all part of Council meetings. The health 24 and safety of everyone is our highest priority. 25 26 The Center for Disease Control and 27 Prevention guidelines suggest that people avoid travel 28 and refrain from meeting in person to minimize risk and 29 help prevent the spread of Covid-19. The Regional 30 Advisory Councils are the foundation of Alaska's 31 Federal Subsistence Management Program. We recognize 32 that holding face to face Council meetings in rural 33 communities across Alaska is preferable for engaging 34 the public most effectively. The Federal Subsistence 35 Management Program is fully committed to resuming in 36 person Council members across Alaska as soon as it is 37 possible to do so safely. 38 39 Since your last Council meetings the 40 following staffing changes have occurred. 41

42 Dr. Brent Vickers started as OSM 43 anthropology chief in December. 44 45 Greg Risdahl moved over to the U.S. 46 Forest Service in January and will be their 47 representative on the InterAgency Staff Committee. We 48 are grateful to have experienced on the InterAgency 49 Staff Committee that will remain with the program as 50 0304 1 advisors to their Board member. 2 3 George Pappas is currently the acting 4 OSM fisheries division chief in addition to his normal 5 job as liaison to the State wildlife and fisheries 6 programs. 7 8 Katya Wessels, Council coordinator is 9 currently acting OSM policy coordinator. Katya was 10 just selected as the Council coordination division chief and will be starting in mid March. 11 12 13 Steve Fadden came to us from U.S. Fish 14 and Wildlife Service Refuges to be the acting OSM 15 wildlife division chief. 16 17 Sabrina Schmidt has served as one of 18 the clerks at OSM, she took a promotion with the 19 military in January. 20 21 Annual Council appointment processes 22 are very complex and takes about 15 months to complete. 23 It begins in September of each year when the Federal 24 Subsistence Board announces the open application period 25 for the Council membership. During a six month 26 application period the program conducts an extensive 27 statewide recruitment effort. The program distributes 28 approximately 2,000 applications throughout Alaska via 29 mail and email to individuals, agencies and 30 organizations. Additionally the program conducts wide 31 ranging outreach through a variety of media outlets 32 including, but not limited to newspaper, radio, TV, 33 internet, Facebook and public conferences. Last 34 year's, 2020, effort resulted in 74 applications to 35 fill 62 vacated or expiring seats. 36 37 After the InterAgency nominations 38 panels conducted the interview the Federal Subsistence Board reviewed the application and forwarded their 39 40 recommendations to the Secretaries of Interior and 41 Agriculture on September 4th, 2020. On January 15th, 42 2021 OSM received copies of the Regional Advisory 43 Council appointment letters signed by the former 44 Secretary of the Interior. The original appointment

letters were sent by regular post and the applicants 45 46 whose appointments were approved should be receiving 47 the letter soon if they have not already received them. 48 49 We received full appointments for three 50 0305 1 Councils, Kodiak-Aleutians, Bristol Bay and Seward Peninsula, and partial appointments for four Councils, 2 Eastern Interior, Northwest Arctic, North Slope and 3 4 Southcentral. Three Councils, Western Interior, Yukon-5 Kuskokwim Delta and Southeast Alaska did not receive appointments at all. Some Councils that received 6 7 partial appointments that left them with three to four 8 vacant seats, we are working with our Fish and Wildlife 9 Service headquarters office as well as with the Department of the Interior, to see if we can get the 10 11 additional appointments considered out of cycle. 12 13 The application period for this year's 14 2021 Regional Advisory Council appointments is open 15 until March the 12th. By December 2nd of this year we 16 are going to.... 17 18 (Teleconference interference -19 participants not muted). 20 21 MR. FADDEN: .....62 open seats for 22 appointment or reappointment and as of today we have 23 received very few applications for these appointments. 24 So we are encouraging Council members whose terms will 25 expire in December, 2022 to reapply. Your Council 26 coordinator contacted you if your membership expires 27 this coming g December. We also encourage other rural 28 Alaskans to apply for Council memberships. Serving on 29 a Regional Advisory Council is the best way to 30 proactively participate in the Federal subsistence 31 management regulatory process and help to sustain 32 traditional ways of life. 33 34 Your participation on the Regional 35 Advisory Council allows for better regulations to be 36 developed to satisfy the needs of the users of the 37 resources and at that same assure the continued 38 viability of wildlife populations. 39 40 Please let your coordinator know if you 41 want to reapply or apply so they can get you the 42 application forms. 43 44 Over the past two years we have been 45 reminding Council members about the change in 46 requirements for IDs at airports. This has been

47 postponed until October the 1st, 2021. Note that all 48 Council members will need to make sure that they have 49 the required real ID for travel next fall. If you 50 0306 1 don't have the correct ID please make sure that you get it before the fall, 2021 Council meeting cycle. 2 3 4 On August the 10th, 2020 the State of 5 Alaska filed a lawsuit against the Federal Subsistence 6 Board after it adopted emergency special action 19-14. 7 This allowed the village of Kake to engage in a community harvest of two antlered moose and five male 8 9 Sitka black-tail deer. Also included in the lawsuit 10 was temporary special action WSA 20-03 which closed 11 Federal public lands in units 13A and 13B to non-12 Federally-qualified moose and caribou hunters. As part 13 of the lawsuit the State asked the court to issue two 14 preliminary injunctions. One to prevent the unit 13 15 closure from taking effect and another vacating the Kake hunt and prohibiting the Board from allowing any 16 17 additional emergency hunts related to the impacts of 18 Covid-19. 19 20 On September the 18th the U.S. District 21 Court denied the State's request for a preliminary 22 injunction on the unit 13 closure. The court found 23 because has the State has not demonstrated either a 24 likelihood of success or serious questions on the 25 merits of its claims, the court need not consider the 26 remaining elements of the preliminary injunction 27 analysis. 28 29 Two months later on November the 18th, 30 the court also denied the State's motion for 31 preliminary injunction on the Kake hunt after Judge 32 Gleason concluded that the State had not demonstrated a 33 likelihood of success on the merits, raised serious 34 questions on the merits of its claim or demonstrated 35 any likelihood of irreparable harm. 36 37 While these rulings on preliminary 38 injunctions are encouraging, they do not resolve the 39 litigation. Settlement negotiations between the 40 Department of Justice, the Department of Interior 41 Solicitor's Office, the U.S.D.A. Office of General Council and the State are ongoing. The parties have 42 43 agreed to delay the court proceedings while these 44 discussions are underway. Barring a settlement the 45 Solicitor's Officer now estimates that the briefing 46 should be complete in the summer of 2021 and that the 47 court will issue its decision in late summer. 48 Based on legal guidance program staff 49

50 0307 does not comment on any active litigation directed 1 2 against the Federal Subsistence Board beyond what has 3 been set forth here. 4 5 We will be happy to answer any 6 questions and thank you, Mr. Chairman and members of 7 the Council. 8 9 CHAIRMAN BROWER: Thank you. Any 10 questions for OSM. 11 12 MR. OOMITTUK: Steve for the record, 13 Mr. Chair, from Point Hope. 14 15 CHAIRMAN BROWER: Go ahead, Steve. 16 17 MR. OOMITTUK: I -- I just wanted to 18 thank you for that report. And, you know, the -- hear 19 about it and I -- I appreciate it. 20 21 Thank you. 22 23 And hopefully we get a -- I didn't see 24 a written report in my packet or anything so I can 25 follow along, but thank you for that. 26 27 MR. FADDEN: Through the Chair. You're 28 more than welcome. 29 30 Thank you. 31 32 CHAIRMAN BROWER: And then go down the -- and I appreciate all of the agency reports and we'll 33 34 go to item 13, future meeting dates. 35 36 Eva. 37 38 MS. PATTON: Thank you, Mr Chair and Council. Actually there's just one last action item 39 40 for the Council which is approving your annual report. 41 You'll recall all the way from yesterday we had started the review of your annual report which is found on page 42 10 of your meeting books and the Council was going to 43 44 take a look at that and then let me know if you have 45 any edits that you would like to make to that annual 46 report or additional topics..... 47 48 CHAIRMAN BROWER: Uh-huh. 49 50 0308 1 MS. PATTON: ....or if you approve.

And again that's on page 10 of your meeting books. And once.... CHAIRMAN BROWER: All right. We need a motion on the floor. We need a motion on the floor for the FY 2020 annual report. And we started it yesterday. MR. WILLIAMS: I'll make a motion..... (Teleconference interference -participants not muted). MR. OOMITTUK: So moved, Mr. Chair. (Teleconference interference -participants not muted). CHAIRMAN BROWER: There's a motion on the floor to approve the FY 2020 annual report for Anaktuvuk Pass, Earl. MR. OOMITTUK: Seconded from Point Hope. MS. KIPPI: Second. CHAIRMAN BROWER: Seconded from Point Hope. Any discussion. (No comments) MR. OOMITTUK: Question called for. CHAIRMAN BROWER: The question's been called for. All those approving the FY 2020 annual report signify by saying aye. IN UNISON: Aye. CHAIRMAN BROWER: All opposed same sign. (No opposing votes) CHAIRMAN BROWER: Hearing none, the ayes have it. Eva, the report is approved to move forward. MS. PATTON: Thank you, Mr. Chair and

5 Council. So I'll finalize that and it will go to the 6 Board and you'll receive a reply from the Board at your 7 fall meeting. 8 9 Thank you, Mr. Chair and Council 10 members. 11 12 CHAIRMAN BROWER: All right. So we're 13 on scheduling meeting dates for fall, 2021. What's our 14 window? 15 16 MS. PATTON: Mr. Chair and Council 17 members, the Council is currently scheduled -- actually 18 there was a typo from your request so it says in the 19 calendar November 4 and 5. The Council had actually 20 requested November 3 and 4. But the Council can 21 schedule it for when you -- when you wish at that time. 22 23 CHAIRMAN BROWER: What's the wish of 24 the Council? 25 26 MR. OOMITTUK: Mr. Chair, for the 27 record this is Steve. 28 29 CHAIRMAN BROWER: Go ahead, Steve. 30 31 MR. OOMITTUK: I would go with the 32 recommendation. 33 34 CHAIRMAN BROWER: November 3 and 4? 35 36 MR. OOMITTUK: Yes. 37 38 CHAIRMAN BROWER: Motion on the floor 39 for our fall, 2021 Regional Advisory Council meeting to 40 meet November 3 and November 4. 41 42 MR. WILLIAMS: AKP, Earl. 43 44 MS. KIPPI: Second the motion. 45 46 CHAIRMAN BROWER: It's been seconded by 47 Earl. Any discussion. 48 49 (No comments) 50 0310 1 MS. KIPPI: Question. 2 3 MR. OOMITTUK: Question called for. 4 5 CHAIRMAN BROWER: All right. All those 6 in favor of selecting November 3 and November 4 for our 7 fall meeting, 2021, signify by saying aye.

IN UNISON: Ave. CHAIRMAN BROWER: All those opposed same sign. (No opposing votes) CHAIRMAN BROWER: Hearing none, the ayes have it. November 3 and 4. Winter meeting, 2022 Regional Advisory Council. MS. PATTON: And, Mr. Chair and Council members, you'll find that on page 20 of your meeting books. And so far only three other Councils have met to select their meeting dates. So there's just a couple weeks that are not available. That week of February 13th to the 19th is already booked up with Council meetings. CHAIRMAN BROWER: Uh-huh. MS. PATTON: And other -- otherwise there's an opportunity on the rest of those meeting windows between February 7th and March 25th. CHAIRMAN BROWER: I would propose maybe somewhere in March, maybe March 8 and 9. What's the wish of the Council? MR. WILLIAMS: I so move. CHAIRMAN BROWER: There's a motion on the floor to schedule our winter meeting for 2022, March 8 and 9. MS. KIPPI: Second the motion. CHAIRMAN BROWER: It's been seconded by Wanda. Any discussion. (No comments) MR. OOMITTUK: Question called for. CHAIRMAN BROWER: The question's been called for. All those in favor of selecting March 8 and March 9 for our winter, 2022 signify by saying aye. 

11 IN UNISON: Aye. 12 13 CHAIRMAN BROWER: All those opposed 14 same sign. 15 16 (No opposing votes) 17 18 CHAIRMAN BROWER: Hearing none, winter, 19 2022, March 8 and 9 is our dates. 20 21 Item 14, closing comments. We'll start 22 from Point Hope. 23 24 MR. OOMITTUK: Thank you, Mr. Chair. 25 It's been a good two days, I really enjoyed it. And a 26 lot of good information and insight on our surroundings 27 and reports from our different agencies. 28 29 And I thank you, Mr. Chair, for your 30 knowledge in this area and always keeping us on top of 31 things. And having a better under -- having us have a 32 better understanding of these proposals that come 33 before us, especially how they are written at times. 34 35 But I thank everybody, it's been a long 36 two days. I know a lot of these agencies have been 37 with us all day long and always to give us their 38 report. And we thank you for always being there and 39 giving us your report. 40 41 And, you know, usually we do meet in 42 person, but due to the Covid hopefully in our next 43 meetings we can be face to face. 44 45 But thank you. Thank you all and all 46 our Council members. 47 48 CHAIRMAN BROWER: Thank you, Steve. 49 50 0312 1 MR. OOMITTUK: And then just one other 2 thing. I thank Eva for always keeping us on top of 3 things and -- and coordinating things for us. 4 5 Thank you for all your hard work. 6 7 MS. PATTON: Thank you, Steve. Thank 8 you all. 9 10 CHAIRMAN BROWER: (In Native). All 11 right. We'll go to Atqasuk. 12 13 MS. KIPPI: Thank you, Mr. Chair. I

14 just want to say thank you for all those that spoke at 15 this -- at this meeting. And I hope we get to meet in person next time. It's been pretty hard with lots of 16 17 kids in the background for me to concentrate. 18 19 Thank you. 20 21 CHAIRMAN BROWER: We love you, Wanda, 22 you and your kids. (In Native). And congratulations 23 for turning to Vice Chair this time around. 24 25 MS. KIPPI: Thank you. (In Native) for 26 you guys' confidence in me. 27 28 Thank you. 29 30 CHAIRMAN BROWER: (In Native). We'll 31 go to William Hopson, Barrow. 32 33 (No comments) 34 35 CHAIRMAN BROWER: And then we'll go to 36 Nuiqsut, Martha. 37 38 (No comments) 39 40 CHAIRMAN BROWER: And we'll go to 41 Anaktuvuk, Earl. 42 43 MR. WILLIAMS: All I want to say is 44 thank you very much and for the last two days. Stay 45 warm and safe. Hope to see you all next year. 46 47 (In Native). 48 49 CHAIRMAN BROWER: (In Native). It's 50 0313 1 always good to hear you. 2 3 We're going to go to the far reaches 4 out at Kaktovik, Eddie. 5 6 (No comments) 7 8 CHAIRMAN BROWER: I'm not sure if 9 Eddie's on mute or if we lost Eddie. 10 11 (No comments) 12 13 CHAIRMAN BROWER: With that, I would 14 just like to encourage all the Council members, you 15 know, it's important work and -- and encourage younger 16 people. Pray for one another. And again thank you for

17 your confidence in me to serve as your Chair. And I 18 always try to my best and try to -- I always want to 19 keep learning, I always want to understand. 20 21 Thank you very much. 22 23 With that, any other closing comments 24 from anybody else. 25 26 (No comments) 27 28 CHAIRMAN BROWER: Item 15. 29 30 MR. OOMITTUK: So moved. 31 32 CHAIRMAN BROWER: Motion on the floor 33 to adjourn. 34 35 MS. PATTON: Thank you, everyone, take 36 good care. 37 38 MR. WILLIAMS: And I'll second it. 39 40 MS. KIPPI: Question. 41 42 CHAIRMAN BROWER: All those in favor to 43 adjourn say bye. 44 45 IN UNISON: Bye. 46 47 (Off record) 48 49 (END OF PROCEEDINGS) 50 0314 1 CERTIFICATE 2 3 UNITED STATES OF AMERICA ) 4 )ss. 5 STATE OF ALASKA ) 6 7 I, Salena A. Hile, Notary Public in and for the 8 state of Alaska and reporter for Computer Matrix Court 9 Reporters, LLC, do hereby certify: 10 11 THAT the foregoing pages numbered through 12 contain a full, true and correct Transcript of the 13 NORTH SLOPE SUBSISTENCE REGIONAL ADVISORY COUNCIL 14 MEETING, VOLUME II taken electronically on the 23rd day 15 of February; 16 17 THAT the transcript is a true and 18 correct transcript requested to be transcribed and 19 thereafter transcribed by under my direction and

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     reduced to print to the best of our knowledge and
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     ability;
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                     THAT I am not an employee, attorney, or
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     party interested in any way in this action.
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                     DATED at Anchorage, Alaska, this 10th
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     day of March 2021.
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