## NORTH SLOPE FEDERAL SUBSISTENCE REGIONAL ADVISORY COUNCIL MEETING PUBLIC MEETING VOLUME II Point Hope, Alaska October 24, 2019 9:00 a.m. COUNCIL MEMBERS PRESENT: Gordon Brower, Chair William Hopson Martha Itta Wanda T. Kippi Steve Oomittuk Edward Rexford Regional Council Coordinator, Eva Patton Recorded and transcribed by: Computer Matrix Court Reporters, LLC 135 Christensen Drive, Suite 2 Anchorage, Alaska 99501 907-243-0668/sahile@gci.net

Page 172 PROCEEDINGS 1 2 3 (Point Hope, Alaska - 10/24/2019) 4 5 (On record) 6 7 CHAIRMAN BROWER: Good morning. I'm going to call the meeting back to order. We recessed 8 9 yesterday and I'm going to ask Madame Coordinator if we 10 need to reestablish quorum to get the meeting going and 11 does that mean today's roll call? 12 13 MS. PATTON: Yes, Mr. Chair. Thank 14 you. That would be -- that would be helpful, we 15 can.... 16 17 CHAIRMAN BROWER: All right. 18 19 MS. PATTON: ....make sure we have a 20 quorum here. 21 22 CHAIRMAN BROWER: With that I'm going 23 to ask the secretary to do the roll call this morning to establish quorum so we can get underway. 24 25 26 Wanda. 27 28 MS. KIPPI: Okay. Thank you, Mr. 29 Chair. Good morning, everybody. 30 31 Gordon Brower, Utqiagvik. 32 33 CHAIRMAN BROWER: I'm here. 34 35 MS. KIPPI: Wanda Kippi, Atqasuk. 36 Here. 37 38 Steve Oomittuk, Point Hope. 39 40 MR. OOMITTUK: Here. 41 42 MS. KIPPI: Edward Rexford, Kaktovik. 43 44 MR. REXFORD: (No response) 45 46 MS. PATTON: Mr. Chair and Council. 47 I'm currently trying to connect with Edward this morning. He should be joining us for the meeting 48 49 later. I'll check in with him again. 50

Page 173 1 2 Thank you. 3 MS. KIPPI: Thank you. Martha Itta, 4 Nuiqsut. 5 6 MS. PATTON: Mr. Chair and Council. 7 Martha was feeling not well this morning. 8 9 CHAIRMAN BROWER: Yeah. She said she might join us late, she's just not feeling all that 10 11 good this morning. Yeah. A few of us are kind of sick, I'm battling a little sore throat myself in 12 13 Nuvuk, but.... 14 15 MS. KIPPI: I am too. 16 17 CHAIRMAN BROWER: .....but it -- it's 18 what it is. 19 20 MS. KIPPI: Okay. And William Hopson, 21 Utgiagvik. 22 23 MR. HOPSON: Here. 24 MS. KIPPI: I believe -- I believe, Mr. 25 26 Chair, I think we have a quorum with four. Is that 27 correct? 28 29 CHAIRMAN BROWER: That's true. I think 30 four we get to have a quorum. 31 32 MS. KIPPI: Yeah. 33 34 MS. PATTON: Madame Chair or Mr. Chair 35 and Council. 36 37 CHAIRMAN BROWER: Don't call me madam. 38 39 (Laughter) 40 41 MS. PATTON: Yeah, addressing our 42 lovely Secretary here, Wanda. 43 44 Mr. Chair and Council. That's correct. 45 Again with the most recent appointments from the 46 Secretary of the Interior, we did have several vacancies on the Council, seats that were not 47 reappointed. And with the loss of Tad Reich we're down 48 49 to six Council members so quorum is half plus one. So 50

Page 174 1 we do have quorum. 2 3 4 Thank you. 5 CHAIRMAN BROWER: (In Native), Wanda, 6 from Atgasuk, for the reestablishing our quorum to 7 conduct business. 8 9 And I think it's important to do 10 introductions in the morning for those that haven't 11 introduced themselves. It's a public meeting and public participation is important to the RAC and the 12 13 reason why we're here today is because we want to reach 14 out to villagers and continue to let them recognize 15 they have a regional RAC that they can work with when comes to subsistence regulations on Federal public 16 it 17 lands. And then -- and hear concerns. 18 19 With that, whoever's online, we will --20 introduce yourselves, those that are online, please. 21 22 MS. VOORHEES: Good morning. This is 23 Hannah Voorhees, anthropologist with the Office of 24 Subsistence Management. 25 26 CHAIRMAN BROWER: Good morning, Hannah. 27 28 BRUMMER: This is Christine MS. 29 Brummer, pathways anthropologist with the Office of 30 Subsistence Management. 31 32 Good morning. 33 34 CHAIRMAN BROWER: Good morning. 35 36 MS. NIGRO: Hello. This is Debbie Nigro from the Bureau of Land Management. 37 38 39 CHAIRMAN BROWER: Morning, Debbie. 40 41 UNIDENTIFIED VOICE: (Indiscernible -42 simultaneous speech)..... 43 44 CHAIRMAN BROWER: You were overlapped 45 by.... 46 47 MR. PERRY: Hi, this is Phillip Perry 48 from Department of Fish and Game. 49 50

Page 175 Good morning. 1 DR. REAM: This is 2 Joshua Ream, regional program manger for subsistence at 3 the Alaska regional office, National Park Service. 4 5 CHAIRMAN BROWER: Morning, Joshua. 6 7 MS. LENART: Good morning. This is Lenart, I'm a wildlife biologist, Alaska 8 Beth 9 Department of Fish and Game in Fairbanks. 10 11 CHAIRMAN BROWER: Morning, Beth. 12 13 MR. BURCH: Hello. This is Mark Burch 14 with the Department of Fish and Game in Palmer. 15 16 CHAIRMAN BROWER: Morning, Mark. 17 18 MS. OKADA: Good morning. 19 20 MR. GONZALEZ: (Indiscernible -21 simultaneous speech)..... 22 23 MS. OKADA: This is Marcy Okada. 24 25 CHAIRMAN BROWER: Morning, Marcy. 26 27 MS. OKADA: Go ahead. 28 29 MR. GONZALEZ: Sorry about that. 30 Daniel Gonzalez, Department of Fish and Game in 31 Fairbanks. 32 33 CHAIRMAN BROWER: Morning, Daniel. 34 35 MS. OKADA: Good morning. This is 36 Marcy Okada. I'm the subsistence coordinator for Gates of the Arctic National Park and Preserve. 37 38 39 MS. KENNER: Good morning. This is 40 Pippa Kenner with OSM in Anchorage. 41 42 CHAIRMAN BROWER: Is there anybody else 43 online, any villages online? 44 45 (No comments) 46 47 CHAIRMAN BROWER: We'll acknowledge 48 those that join us when they do join us. We're 49 expecting Eddie Rexford from Kaktovik to chime in. And 50

Page 176 Eddie wasn't able to attend in person, he went home 1 from AFN. And I know we all want to go home sometimes 2 3 after being gone from home for a long period of time. 4 5 So introduction here on the floor. If 6 you could just -- day two of the RAC. 7 8 MR. LIND: (In Native). Thank you, Mr. 9 I'm Orville Lind, Native liaison from the Chair. 10 Office of Subsistence Management. 11 12 CHAIRMAN BROWER: (In Native), Orville. 13 14 MS. PETRIVELLI: Pat Petrivelli, BIA, 15 Anchorage, from -- the subsistence anthropologist. 16 17 CHAIRMAN BROWER: Good morning, Pat. 18 19 MR. MATHEWS: Vince Mathews, Refuge subsistence coordinator for Arctic, Kanuti and Yukon 20 21 Flats. 22 23 CHAIRMAN BROWER: Morning, Vince. 24 25 MR. MATHEWS: Morning. 26 27 MR. EVANS: Good morning. Tom Evans 28 from OSM. 29 30 CHAIRMAN BROWER: Morning, Tom. 31 32 MR. SCANLON: Good morning. Brendan 33 Scanlon, Fish and Game, Fairbanks. 34 35 CHAIRMAN BROWER: Morning, Brendan. 36 37 MR. RISDAHL: Good morning. Greg 38 Risdahl, Subsistence Division lead for OSM. 39 40 CHAIRMAN BROWER: Good morning. 41 42 MS. FRANKSON: Good morning. Peggy 43 Frankson, executive director, Native Village of Point 44 Hope. 45 46 CHAIRMAN BROWER: (In Native). Good 47 morning, Peggy. 48 49 MS. DAGGETT: (In Native). Carmen 50

Page 177 Daggett from Utqiagvik, Alaska Department of Fish and 1 2 Game wildlife biologist. 3 4 CHAIRMAN BROWER: (In Native), Carmen. 5 6 MS. HYER: Good morning. This is Karen 7 Hyer, fisheries biologist from the Office of 8 Subsistence Management. 9 10 CHAIRMAN BROWER: Morning, Karen. 11 12 MS. BEHR: Good morning. April Behr, 13 fisheries biologist, Fish and Game in Fairbanks. 14 15 CHAIRMAN BROWER: Morning, April. 16 17 STEVE BERENDZEN: Good morning. Steve Berendzen, Refuge manager, Arctic National Wildlife 18 19 Refuge. 20 CHAIRMAN BROWER: Morning, Steve. 21 22 23 That concludes the -- this morning's 24 As other visitors come in from the participants. 25 community we'll acknowledge them when they come in. 26 27 With that, Madame Coordinator, let's 28 figure out where we are on the agenda, where we left I'd like to think that we're going to take up 29 off. 30 unit 25A, Arctic Village Sheep Management Area that 31 includes Kaktovik in this area when Mr. Rexford 32 arrives. He has particular interest in this -- the proposal to rescind the closure on non-Federally-33 34 qualified users for sheep in that management area. 35 36 So with that, where do you suppose we 37 should jump to. That opens the door to juggle a little 38 bit and be a little flexible, right? 39 40 MS. PATTON: Mr. Chair and Council. So 41 on both days of the meeting in the morning we have an opportunity for public and tribal comment on nonagenda 42 43 items or anything you would like to address to the 44 Council on subsistence, share your observations and 45 interest and concerns with the Council. 46 47 So we'll open up again this morning with an opportunity for public and tribal comment. And 48 49 then we did defer Native liaison Orville Lind's, 50

Page 178 overview of the tribal consultation process with the 1 Federal Subsistence Program. So we'll have public and 2 · 3 tribal comment and then a brief overview on tribal 4 consultation from Orville. 5 6 CHAIRMAN BROWER: Is that a 7 recommendation or a.... 8 9 MS. PATTON: That's the process for 10 the.... 11 12 (Laughter) 13 14 MS. PATTON: .....for the agenda that 15 we had agreed on yesterday. 16 17 CHAIRMAN BROWER: With that I'm going 18 to go ahead and -- with the concurrence of the Council, 19 to open to public and tribal comments on nonagenda items. So if you're the tribal president or vice 20 21 president or tribal member or, Orville, if you got some 22 updates to do in this area on anything that's a 23 nonagenda item, even welcoming remarks, I will open the floor to that -- those types of comments at this time. 24 25 26 Is that okay with the Council? 27 28 (No comments) 29 30 CHAIRMAN BROWER: I'm seeing nodding 31 yes so the floor is open for any updates, comments from 32 the -- from the tribe and from the liaison also. 33 34 MS. FRANKSON: Mr. Chair. 35 36 CHAIRMAN BROWER: Peggy. 37 38 MS. FRANKSON: Good morning. As --Peggy Frankson, executive director for Native Village 39 40 of Point Hope. 41 42 And a few years back we had an incident 43 here in Point Hope towards Cape Lisburne where some of 44 our hunters were -- had Federal charges against them for -- I think it was waste of meat. And we are 45 46 pleased to have worked with Fish and Game -- Fish and 47 Wildlife Department in Fairbanks. We came up with a resolution for the hunters through our tribal Council 48 49 and also the State of Alaska and the Federal Fish and 50

And

Game Department. And from that example from the resolution we came up for our hunters, Kaktovik incident with the polar bear also used that same time tribal consultation, tribal resolution with their Council I believe and the hunters. So it's nice to see that three of our subsistence -- you know, our hunters did do wrong and they -- you know, we were able to -the resolution that came up was very appropriate. I was glad to hear that Kaktovik also used that same process for their hunter. So I just wanted to make that comment. It's always a pleasure that the Subsistence, Federal, State, is always willing to work with the tribes. CHAIRMAN BROWER: (In Native), Peggy. (In Native) for some of that. Is there any questions for Peggy Frankson in this -- in this regard? (No comments) CHAIRMAN BROWER: Yeah, I just want to say thank you for your report. And I think they're important and sometimes, you know, we have hard lessons too. And I think something like that is starting to come around Barrow too because there's -- we're seeing

28 wide -- widespread issues of hunting issues around Barrow that are being reported. Dead tuttus all around 29 30 31 and we're trying to find out who's doing some of these 32 things that have been reported over the summer. In 33 previous year I think there was another, the tribe that 34 counted like -- I think like 70 tuttus laying around 35 and there's just been a lot of widespread concern about 36 wanton waste. And we don't like to think our own tribal members do these things, but there is a growing 37 number of demographic changes in our communities that 38 39 help to contribute to that because they like to hunt as 40 well, but we don't know their hunting practices. 41 42 And but I think describing that model 43 is important using the tribe and working with the 44 Federal and State managers to look at these areas that 45 way. 46 47 With that I'm going to see if there are 48 any other tribal and public comments on non-agenda 49 items this morning.

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1	(No comments)	
1 2 3 4 5 6	CHAIRMAN BROWER: And if you wanted to update us, Orville, it's your opportunity.	
6 7 8 9 10	And I'd also like to welcome Jack Schaefer again this morning. And we were doing introductions this morning and we acknowledge folks as they come in.	
11 12 13 14 15 16 17 18 19 20 21	MR. LIND: (In Native). Hello and good morning. I am Orville Lind, Native liaison for the Office of Subsistence Management, but more importantly I am the son of Fred and Annie Lind from Chignik Lake on Alaska Peninsula. I'm also the grandson of Dora and Fred Lind Holme, grandparents. Born and raised in Chignik. I grew up as a commercial fisherman and I joined the government in 1991. I'll say I couldn't understand them so I joined them to try to understand them.	
22 23 24 25 26 27	I have made a little progress in understanding the government. However my new job as a Native liaison has really blessed me because it has to do with the people, local Alaskans, with subsistence issues onto the whole State of Alaska.	
28 29 30 31 32 33 34 35	In the State of Alaska, let me start off with this. We have 567ish Federal recognized tribes in our nation. We have 229 of those tribes here in Alaska, including 12 corporations and up to 180 village corporations. And so those are my primary contacts, the people that I work with in this tribal consultation.	
36 37 38 39 40 41 42 43	Why do we do consultation. We do it because it is required with Executive Order 13175. Before you I put some information in front of the Board members. You should have this in front of you. I'm not going to go page by page, I'm just going to go do a brief overview and have a Q and A after I get done speaking.	
43 44 45 46 47 48 49 50	Tribal consultation has been around a long time and it is supposed to represent the trust and respect and shared responsibilities between government to government tribes and corporations and government agencies. Which says the government agencies have to hear your voice. And to me that is quite an	

Page 181 accomplishment. 1 2 3 In our venture and journey to 4 understand subsistence and its issues and understand 5 that this is a way of life, subsistence itself is a word that was given to us and therefore most of us 6 7 don't like the word subsistence, but we have to adjust 8 and make adjustments to understand that they, the 9 government agencies, understand it's a way of life. 10 11 Again whenever we have consultations it 12 is requested by the tribe. Myself as Native liaison 13 for the Office of Subsistence Management is -- I'm the 14 primary contact when subsistence issues come awry. 15 16 We have in our Office of Subsistence 17 Management several divisions. We work as a team. We 18 have Anthropology Division, we have the Wildlife 19 Division, we have the Fisheries Division, we have Coordination Council Division. We have -- you know, we 20 have policy coordinators and we have -- and if I've 21 22 missed anything in our office as far as divisions I'm 23 -- I think I got them all. 24 25 CHAIRMAN BROWER: Hey, Orville. 26 27 MR. LIND: Yes. 28 29 CHAIRMAN BROWER: I'm not going to be 30 rude or anything like that and I'm very -- I like the 31 updates and like the dialogue. And I think we have 32 some special guests this morning. 33 34 And I'd like to have them come and 35 address the Council real quick. I hope we can have them as long as they could -- as long as they could 36 stay for the day they could. And that we can -- if 37 they want to have any specific questions to any of the 38 39 Council because we have representatives from throughout 40 the North Slope, from Kaktovik, from Nuiqsut, from 41 Atqasuk, from Barrow and Point Hope. And it comprises the Regional Council and the subsistence management on 42 43 Federal public lands within this region. 44 45 So with that if I can have -- I believe 46 these are students, right? 47 48 MR. HOLLEY: They are the.... 49 50

Page 182 CHAIRMAN BROWER: You're going to have 1 2 to come up to the mic, you're recorded and it gets into 3 the minutes and all that. 4 5 MR. HOLLEY: This is the Workplace Basics class, first hour class. It's juniors and seniors or juniors and one senior. They're learning 6 7 about what happens in business and life. And so we 8 9 were asked to bring them over here this morning to hear 10 what you guys got to say. 11 12 CHAIRMAN BROWER: It would be important 13 if you could introduce yourself and then each student. 14 I think it's important to recognize who you are and you 15 could say who your family is and be recognized by the 16 Council. 17 18 MR. HOLLEY: I am a third year teacher 19 here, Ronnie Holley. I'm the shop teacher, CTE 20 teacher. 21 22 And we'll start with Kaesyn. 23 24 CHAIRMAN BROWER: And don't be shy. 25 We're your people. This is your Council. 26 27 MR. HILL: I'm Kaesyn Hill. I moved 28 here two years ago. I stay with Rex and Ona. 29 30 MR. HOLLEY: Thank you. 31 32 CHAIRMAN BROWER: (In Native). 33 34 MS. LANE: My name is Makayla Lane and 35 my family is Lillian Lane and my dad is Eliza. And I'm 36 a junior. 37 38 CHAIRMAN BROWER: (In Native). 39 Welcome, Makayla, right? 40 41 MS. LANE: Yes. 42 43 MR. HOLLEY: Just tell them your name. 44 45 CHAIRMAN BROWER: Yeah, don't be shy 46 because you're going to take over for us here 47 sometimes, you know. 48 49 MR. KINNEEVEAUK: Hi, my name is Leo 50

Page 183 Kinneeveauk. I am 16 and I am a junior in high school. 1 2 3 CHAIRMAN BROWER: (In Native), Leo. 4 (In Native). 5 6 MR. STONE: I'm Joshua Stone and I'm 17 7 and I'm a junior. 8 9 CHAIRMAN BROWER: (In Native), Joshua. 10 11 MR. OENGA: Hi, my name is Gevin Oenga. 12 I'm 16 and I just moved here a couple -- almost two 13 months ago. 14 15 CHAIRMAN BROWER: (In Native). Your 16 name was Kevin? 17 18 MR. OENGA: Gevin. 19 20 CHAIRMAN BROWER: All right. And we welcome you guys and encourage your participation. 21 22 23 Orville, was With that, there 24 additional stuff you wanted to complete on the update and I guess maybe you're -- you had a student 25 26 interaction with us as well as a tribal liaison. 27 28 Jack -- I'm going to recognize Jack 29 Schaefer real quick. 30 31 MR. SCHAEFER: For public 32 participation? 33 34 CHAIRMAN BROWER: Yeah, public and 35 tribal participation on nonagenda items. So basically address the Council with any concerns. 36 37 38 MR. SCHAEFER: Okay. When Alaska Native Land Claims Settlement Act was passed, you know, 39 40 we all were excited about what our responsibilities 41 were going to be. And our, you know, teachers, you know, I was in high school at the time, told us what 42 our responsibilities would be. And so, you know, we 43 44 were excited about that. And but we were told that there were no tribes. And so Native Village of Point 45 Hope was in a state of limbo for a while. 46 And our village corporation had the leadership of our community 47 in the eyes of, you know, us as we were growing up, 48 49 what we noticed. 50

And later on Gilbert Howarth and Ernie 1 2 Frankson said that we needed to get our Council 3 together and get Native Village going again. And so we worked on that and that was gosh, 1984. And we were 4 5 working to try to perform governmental functions and so we did all this, our meetings in the firehall and with 6 And we tried to get our government going 7 no budget. because we seen other tribes doing it, you know, that 8 9 never stopped when ANSCA was passed. And in 1992 Peggy Frankson and myself and Ernie and Arnold Flower, Jr, 10 met with BIA and this was after we had applied and 11 12 received a ANA grant for improving our tribal government. And so that was \$99,000 and we had a 13 budget of \$193,000. And BIA was saying that's not 14 15 enough to run. So we can't -- and you're going to have to rely on (indiscernible) and their organization. But 16 when we got that ANA grant they couldn't say no and we 17 18 started from there in 1991 I think. 19 20 Anyway and we had great, great pride as 21 we were able to do this and our postmaster said there's 22 no tribe. And then he (indiscernible) we get our --23 started to have our, you know, departments. And we 24 participated since that time as a tribal government, 25 fighting for our land, fighting for our ocean, our 26 village corporation went bankrupt. We wound up with 27 the property so we have 100,000 acres. 28 29 We had difficulty in regards to our 30 management of our wildlife and we sat and watched the 31 enforcement of a case where there were accusations of a 32 slaughter of a whole bunch of caribou wanton waste. 33 Turned out that the location is where we -- is a clean area to cut your caribou. And so, you know, there 34 35 would be bones around that were left from sick animals 36 or weight. And so we weren't allowed as a tribe to 37 even go there and we didn't have any type of 38 cooperation with the law enforcement. They said that we are involved in an investigation, we can't tell you 39 40 anything about this case even though it was on our own 41 property. And so it took two days before the North 42 Slope Borough was able to help us with a helicopter to 43 look. 44 45 And so as a tribe we are a government 46 and we perform those functions, all of those functions. 47 Court, law enforcement, all governmental functions. 48 And we aren't at that point yet, but that is something 49 that we're responsible for. And I hope that we do have 50

Page 185 agreements like other tribes in regards to making our 1 2 lives better. 3 4 And so we do have a Wildlife office, 5 it's -- we're only part-time, but a good majority of 6 the tribes in Alaska don't have a Wildlife Department. And I find that very disturbing. Correct me if I'm 7 wrong, but that's what the green book that we rely on 8 9 in regards to budgets, justifying our budgets, And we don't have anyone over there, I'm 10 reflected. there temporary and I hope that there's some interest. 11 There's a lot of stuff that needs to be done in 12 research and looking at history and having all of that 13 14 there instead of just through the internet. 15 16 And I'm glad to see that, you know, 17 there are students that are interested in and don't 18 really know what to do with their life. There's so much to be done, you got a big, big, big, wide area of things to do. I didn't know what to do with myself, I 19 20 went to college for five years and then I came home 21 22 kind of needing to. Had no idea what I wanted to do, 23 I wound up doing what I've done. Been with the but 24 tribe since that time, off and on. 25 26 27 So our Council is the one that decides stuff and I hope we move forward and I hope we don't 28 have much friction. But yesterday, you know, we did 29 indicate, you know, our land ownership issues and our 30 concernsabout trying to make things run smoothly and --31 32 for our people. 33 34 Thank you. 35 36 CHAIRMAN BROWER: Yeah. Mr. Schaefer, 37 I'm going to ask the Council if there's any questions 38 that they'd like to pose to you. 39 40 MR. OOMITTUK: Mr. Chair. 41 42 CHAIRMAN BROWER: Steve from Tikigaq. 43 44 MR. OOMITTUK: Thank you, Jack. For 45 the record, Steve Oomittuk. 46 47 You know, I remember that day, you know, when the State troopers came in, you know, and 48 49 said there was a whole bunch of dead caribou out there. 50

There was like five troopers came in. And they rented 1 Hondas from the local people. And I can remember them 2 . 3 saying that we can't go out there, it's under 4 investigation. And we had to wait a couple days like 5 you said. 6 7 The -- you know, I was the mayor at the 8 time. And we got with the mayor of the North Slope 9 Borough, the Search and Rescue director, and that we 10 wanted a chopper, we wanted the North Slope Borough biologist or Department of Wildlife. We got the 11 12 coordinator for Search and Rescue, the president of the 13 Native Village and there was like eight, nine of them. 14 And they flew -- you know, we flew all around. And, 15 you know, the media got ahold of it. The media, the next thing you know it's -- they're saying there's two, 16 17 300 dead caribou all around the area. And it just kept 18 going more and more. And we went out and searched the 19 whole area, you know, we had them search. So the 20 acting mayor of North Slope Borough was George Olemoun at the time I think that went in on the chopper. And 21 22 they flew around for hours out there. Yeah, they found 23 seven of them, but they didn't find 60, they didn't 24 find two, 300. 25 26 And it was very strange that the -- you 27 know, when they talked with the elders and they were 28 showing these dead caribou that they found, you know, 29 we knew our land. You know, they showed all these different pictures, but they were taking pictures of 30 the same caribou, but at different angles. You know, 31 we know where they were at, you know, same -- you know, 32 33 you're taking pictures of the same caribou, just from a 34 different side. We know our land. We lived there for 35 thousands of years. We've been hunting and gathering. 36 37 You know, we have a lot of respect for 38 our -- the animals that have provided for us. Thev gave us our identity as a people. You know, there's 39 40 several times -- you know, we talk to the younger 41 generation. We want them to understand they have a rich culture, they have a rich identity. You know, the 42 43 animals make us who we are. We have to have respect for our land, for the animals that provide for us. 44 45 It's always been that way. Every once in a while we 46 have negligence in young hunters sometimes, you know. 47 But they -- you know, like Peggy said, you know, they come to the Native village, you know, we're not happy 48 49 with it, there's been a few incidents, but they were 50

prosecuted in a way that we felt was justified. And, 1 you know, we want to ensure our young -- I'm glad the 2 3 young people are here too, you know, it's always good to see young people come to our meetings especially 4 when we deal with subsistence and our way of life. And 5 6 then how we grew up, you know. 7 8 And, you know, subsistence was a given 9 name, you know. We always believed the animals come and give themselves to us, you know. You know, we've 10 been here for thousands of years. The animals migrate 11 12 here, they come to us. You know, we had patience, we waited. They fed us, they clothed us, they sheltered 13 14 us, they gave us that bond and that spirituality, you 15 know, within ourselves. You know, we are the people 16 been here gathering and hunting. It's our way of life 17 that we never see lost. We want the next generation to 18 take over, to fight for our ways, to ensure that our 19 ways continue, that he animals keep coming. And it's --20 we have to protect our land, our ocean. You know, 21 nowadays we see more and more traffic. We don't want 22 the pollutants, we don't want wasteful hunting. 23 24 You know, these rights, we have so much 25 laws on our way of hunting, when we can hunt, where we 26 can hunt, what we can hunt. You know, we know as a 27 people when we can hunt, where we can hunt. You know, 28 our ancestors have always told us, you know, we want the animals to keep coming. You have to have respect 29 30 for the animals in order for them to come to you. 31 32 And even now I thank and Peggy and Jack 33 for bringing that up. 34 Jack's been a president of Native Village for many 35 years, land chief for many years, city council member. 36 37 38 But I just wanted to bring that out and 39 thank you for coming and the younger people, the youth. 40 41 CHAIRMAN BROWER: (In Native), 42 Councilman Steve. 43 44 Any other questions to Mr. Schaefer 45 from Native Village? 46 47 (No comments) 48 49 CHAIRMAN BROWER: If not I do have one. 50

And I see on the map and you strike a particular 1 interest because you mentioned that the corporation's 2 3 land's been turned over to the tribe. And it's important when you look at these land status maps that 4 5 maybe this is an outdated map and there should be 6 showing those kind of detail where an actual tribe now 7 is owning lands that were under ANSCA, Native Claims Settlement Act. And if they are turned over to the 8 9 tribe and there should be some special trust responsibility starting to -- I think there's a spot 10 here where the tribe needs to probably talk to BIA 11 12 probably in this area. 13 14 It kind of reminds me of this lawsuit 15 that went on for guite sometime called Feda Trust. All 16 right. Remember the Feda Trust lawsuit and then the --I think Governor Knowles didn't -- he didn't follow-up 17 18 on appeals and the following governors didn't follow-up 19 on appeals which paved the way for lands that were once 20 trust responsibility lands, like Indian lands, to be 21 reconverted back to that status with the trust 22 responsibility of the Federal government behind it. 23 24 And because I myself was trying to do 25 an experiment to turn my UIC Corporation land, my lot 26 and say I want to turn that to a Feda Trust. And I 27 didn't do -- maybe I should have paid more attention to 28 the process, but if I did succeed in that it would have 29 made my lands a Federal trust responsibility in -- and 30 more. But what I'm just trying to say is seems like 31 there's an opportunity here to look at this particular 32 situation, if the lands indeed are turned over to the 33 tribe, that a management authority for these kinds of 34 things to have a relationship. This comes to mind what we were talking about yesterday where Ahtna has a 35 36 special treatment now from the Interior Secretary of 37 the United States to manage wildlife resources for 38 those particular group of people in this large area. 39 And then maybe it's time to revisit the land status stuff because it says Fish and Wildlife Service 40 41 administered lands, National Park Service administered 42 lands, BLM lands, special management areas, andit has --43 I could see boundaries for village corporation lands, 44 but it doesn't say whose lands they are. They're just 45 colored differently. Somebody's afraid to say those 46 are Native lands. And they should start it to reflect 47 that way. 48 49 Anyway I just thought that was 50

important. And just a little note, you know, when you 1 read between the lines, start to spark other interest 2 3 about and you've expressed there should be a way for 4 local management in these types of things and tribes 5 carry that status as government to government status. 6 7 With that maybe, Mr. Schaefer, if vou were able to elaborate a little bit about those lands 8 9 turned over to the tribe? 10 11 MR. SCHAEFER: One thing that got me excited about things were that we're free to do things. 12 13 And so with that freedom I was able to go anywhere in 14 the United States. And so I went to the University of 15 Virginia. And that was in 1992. And went to their library because I -- it's one of the repositories of 16 the United States that has a very large collection of 17 18 documents. And so I went to their library and went and 19 looked at their Congressional reports. Congress has 20 great pride and they are open and they keep everything, they're supposed to have everything open to the public 21 22 and they publish their hearings. 23 24 There was a hearing in 1949 on the 25 termination of reservations in Alaska. Native Village Point Hope had applied for 289,000 acres. 26 Native 27 Village of Barrow applied -- had two applications. 28 Wainwright was 20,000 acres less. In regards to their 29 report to Congress in regards to what was applied for, you know, ownership. And I was amazed by that. We had 30 a reindeer grazing permit, 99 year lease, 0850. And 31 32 that one ran about all the way past Kivalina for Point 33 Hope Reindeer Trading Company. 34 35 And we said no to Alaska Native Claims 36 Settlement Act because of the things that we knew and 37 what we wanted in dealing with our subsistence. We got 38 10 percent of what we use under Alaska Native Land Claims Settlement Act. Our property was being looked 39 40 at and we were having plans to, you know, to work with 41 anyone like companies. And they met and just to show what we had. And we're required to see what we have on 42 43 -- in Alaska through ANILCA, they require an our 44 inventory. Anyway our corporation went bankrupt and 45 they needed to do something so they came out with a way 46 to continue to exist and pay the creditors and so they 47 did through the sale of property to the tribe. 48 49 And so the Native Village of Point Hope 50

has, you know, some property. And we as a tribe don't 1 really say much, but we pursue whatever we have because 2 3 we never agreed to Alaska Native Claims Settlement Act. 4 And what we got was less than what we use. And as we 5 grow in population over many generations, we're going 6 to be spread out all the way to the Canadian border like we used to back in the 1700s. 7 8 9 And we look forward to our -- with our 10 relationship with the State and we're not afraid to 11 express our concerns with regards to conflicts. And I know we're willing to work out things if we need to and 12 13 we have. We still have a long ways to go, there's a lot of science to be done and proving that we can do 14 15 things. We were the ones that petitioned to put that land into trust. The attorneys for the United States 16 17 were told to stall on it. We were able to get the file 18 in regards to that and then this other tribe decided to 19 do it along with this person that got property from a 20 church I guess, and asked permission to use our case. 21 We used Native American Rights Fund to represent us. 22 That's a large group of lawyers that -- for Native 23 people, tribes. 24 25 And then they made some changes. And so now we're relooking at that. But we did that to try 26 27 to protect our property for what we thought was 28 protection for our control. And so that hasn't been completed. There have been a lot of questions that 29 30 have been asked in regards to how things would work in regards to subsistence, in regards to non-renewable 31 resources, exploitation and how that is going to 32 33 benefit us versus just being exploited without us 34 getting anything in return. 35 36 Anyway we look forward to increasing 37 our herds. There were times where we were able to get 38 a lot. We never had to worry about limits, the limitation on caribou was established in the 1970s when 39 40 they had to deal with something because there was an 41 illness that was circulating within the caribou and that was poison. And so they wiped out the caribou and 42 43 then had a quota and Point Hope had one caribou per 44 year. That was 1975 I think. I don't know if you 45 remember that. 46 47 Anyway.... 48 49 CHAIRMAN BROWER: Yeah, I think we 50

Page 191 remember because in Barrow they gave us beef..... 1 2 3 4 MR. SCHAEFER: Uh-huh. 5 CHAIRMAN BROWER: .....in exchange for 6 not hunting. 7 8 MR. SCHAEFER: And so -- and that's 9 what they said and that was a way to control and 10 prevent us from eating too much because of the cancer 11 that was being caused by consumption of caribou. 12 13 And so now, you know, they have our 14 leadership, those that went to school, those that were 15 years ahead of us. You looked at this and made 16 comments in regards to species recovery during Edward Itta's administration. And it was good to hear and see 17 18 something like that being reflected in regards to how 19 difficult it is to recover species for the purposes of 20 comfort and not worrying about, you know, starving. 21 22 So there's a way that -- a ways that we 23 We at one time had boats that were need to go. delivered full of caribou for our families that didn't 24 25 go out before they started having regulations. And we 26 didn't have worries back then and it would be nice to 27 get back to that. But I believe we can manage our own 28 and have agreements and work things out in regards to 29 conflicts with business and harvesting animals, you 30 know, those that like to make money for sport hunting. 31 32 Anyway we're here and we are excited. 33 We got through cycles every so often, take several vears and it comes back again and it comes back again. 34 35 And we get better and better each time. 36 37 Thanks. 38 39 CHAIRMAN BROWER: (In Native), Mr. 40 Schaefer. And we'll continue on to the.... 41 42 MS. PATTON: Mr. Chair, if I may. 43 44 CHAIRMAN BROWER: Yeah. Go ahead, Eva. 45 46 MS. PATTON: If I may I'd like to 47 suggest a friendly amendment to the agenda while we have our students here since they have a brief 48 49 opportunity to be with the Council this morning. We 50

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Page 192 did have a couple presentations that were for the 1 2 Council and the students on the opportunities for 3 engaging in the Subsistence Program and also..... 4 5 CHAIRMAN BROWER: Okay. What's your 6 suggestion, will you put it in..... 7 8 My suggestion would be if MS. PATTON: 9 we could we have both Vince and Karen Hyer with a handout for the students and a brief opportunity to let 10 them know about both the ANSEP Program and biology 11 12 internships in the Subsistence Program to get engaged with the Council. 13 14 15 CHAIRMAN BROWER: Okay. I think on the asterisks we're on right now, public and tribal 16 comments on nonagenda items each morning, I do have an 17 18 asterisk with Orville Lind..... 19 20 MS. PATTON: Uh-huh. 21 22 CHAIRMAN BROWER: ....OSM Tribe and 23 that he was also going to have students involved. 24 25 MS. PATTON: Yes. 26 27 CHAIRMAN BROWER: So I think we don't 28 need to make a friendly amendment, we've already 29 amended to include that from yesterday's agenda. 30 31 So with that we're going to continue on 32 that and, Orville, if -- because you're out -- you're still on that -- we're on that agenda item. 33 34 35 MS. PATTON: My apologies. What time 36 do you have to go back to.... 37 38 MR. HOLLEY: They were actually wanting 39 us to come back at 10:00 o'clock. 40 41 MS. PATTON: Okay. 42 43 MR. HOLLEY: But they didn't tell me 44 that it was going to be a meeting, they put 9:30 to 45 10:00. 46 47 MS. PATTON: Okay. Do we have five 48 minutes we could give the kids..... 49 50

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Page 193 1 MR. HOLLEY: Oh, yeah. 2 3 4 MS. PATTON: .....a quick..... 5 MR. HOLLEY: We've already told their 6 next classes that they were going to be late to 7 class.... 8 9 MS. PATTON: Okay. 10 11 MR. HOLLEY: .....so we're..... 12 13 MS. PATTON: All right. 14 15 MR. HOLLEY: .....able to stay a few 16 extra minutes. 17 18 MS. PATTON: Wonderful. Thank you so 19 much for coming. 20 21 CHAIRMAN BROWER: Yeah. Thank you. 22 And, Orville, I think, you know, they might have time 23 constraints and we're right on the agenda item too. So 24 I think if you guys want to do that now, it's 25 appropriate to do that under -- because the agenda was 26 already amended yesterday to include that. 27 28 MR. MATHEWS: Thank you. I just wanted to seize the moment. Harpooners, you missed earlier, Orville said there's 220 tribes -- 229 tribes in 29 30 31 Alaska. There's 550 plus in the nation. We have a National Youth Community Adaption and Leadership 32 Congress which is a week long in West Virginia where 33 34 high school seniors get together to become conservation 35 leaders, to learn from each other. We only had four 36 students from Alaska, no Harpooners. 37 38 So if you're interested in going and meeting Native American youth from the Pacific Islands, 39 40 from Hawaii, Guam, et cetera, all the way to Maine, 41 across the nation, here's the information. Look it up with your teachers. The applications come out in early 42 43 spring, but my phone number's on there if you want 44 earlier. 45 46 But Alaska needs more youth there. Ιf you look around the room and you look at me I got a lot 47 of snow in my beard and on my head and I'm looking away 48 49 from the Council members, but they also have a lot of 50

Page 194 gray on their head. We need younger people involved. 1 This is an opportunity to learn from Navajos, Hopi, all 2 3 across the nation. 4 5 So I'll share that with your teacher. 6 I may have additional copies. If you have questions 7 pull me aside. And I can.... 8 9 CHAIRMAN BROWER: And, Vince, if you 10 could say the full acronym, what ANSEP is? 11 12 MR. MATHEWS: No, this is -- yeah, I'm 13 not involved with ANSEP right now. I will be. ANSEP 14 is a -- this is just a week long time and I need your 15 help because we do a float trip down the Potomac and I'm really lousy in the raft. So I need some younger ones that know how to steer the raft better than me. 16 17 18 But that's kind of the side issue. 19 20 But you're going to be with leaders 21 from across the nation. The Congress is run by the 22 youth. So it's an opportunity and when you apply and 23 you're accepted all expenses paid. 24 25 CHAIRMAN BROWER: Wow, I -- I wish I 26 was back in high school, I'd jump on it, you know. 27 28 (Laughter) 29 30 MR. MATHEWS: Well, maybe we can get 31 you there, Gordon, as a -- they need chaperons, Gordon, 32 so maybe we can get you as a chaperon. 33 34 I'll provide this to your teacher with 35 additional copies. 36 37 MR. HOPSON: Mr. Chairman. 38 39 CHAIRMAN BROWER: William, did you have 40 something. 41 42 MR. HOPSON: Thank you, Mr. Chairman. 43 I have real quickly a couple short nonagenda items I 44 just wanted to speak on. And..... 45 46 CHAIRMAN BROWER: I'll recognize Mr. 47 Hopson from Utqiagvik. 48 49 MR. HOPSON: Thank you, Mr. Chairman. 50

One thing I wanted to bring out was the tribes, we need 1 funding to patrol our lands for -- to make sure that 2 3 the hunters out there or whoever as a people maybe to at least stop or monitor the illegal killing wanton 4 waste. And we want that stopped too, but our problem 5 6 is we need funding to patrol our lands. 7 8 And thank you again, Mr. Chairman. 9 10 One real quick for our students. I've 11 been involved with fish and game ever since I was five years old. I've been doing it for 55 years. I've been 12 cited for illegal possession of a water fowl when I was 13 five years old. And my father had said this is not the 14 15 only time it's going to happen. It's going to be with you for the rest of your life no matter what animal 16 17 you're talking about. 18 19 So I'm very proud of you for coming 20 here and get involved in this process because I'm going to retire pretty soon. You guys are going to be the 21 22 next ones here sitting at the table. 23 24 Thank you, Mr. Chairman. 25 26 CHAIRMAN BROWER: (In Native), Mr. 27 Hopson, for those kind words. 28 29 And I kind of lost where I was here. 30 So we had Vince -- we had Vince with that and then we 31 got Karen, our fisheries resource person. And she's always got very interesting stuff. If you've got fish questions and fish concerns, you got to talk to this 32 33 34 person a lot of times. 35 36 MS. HYER: Good morning, Mr. Chairman 37 and Council members. For the record my name is Karen Hyer and I am the fisheries biologist with the Office 38 of Subsistence Management. 39 40 41 And when I'm not working on the FRMP and I'm not up here meeting with you, I'm working with 42 students and trying to place students into internships. 43 44 And so I passed out a flyer to you and the students 45 have it also and that is some of our eider work that we 46 done with the Alaska Native Science and have 47 Engineering Program on the North Slope. That's done 48 during their summer internships. 49 50

1 And we have worked really closely with the Alaska Native Science and Engineering Program 2 3 because one of our goals is to see -- to see more biologists in the field that are from rural Alaska. 4 5 And ANSEP has been a really good partner that way 6 because they partner along the educational path for these students and we start in the middle school in 7 8 Anchorage and we teach in the middle school. And not 9 this past summer, but the summer before we actually had a camp out in Bethel with the Yukon Delta Wildlife 10 Refuge where we brought middle schoolers from all over 11 12 the Yukon Delta. We had 54 of them. They spent five 13 days with us and learned about careers in Fish and Wildlife Service and how we manage the fisheries. 14 15 16 And then they have a high school

program and they bring students in during the summer. 17 18 And they also have a winter high school program in 19 Anchorage. And we work with those students also. But then when they graduate from high school we have 20 internships and that's when we start taking them to the 21 22 field and having them work on our many fisheries and 23 wildlife projects. And we work with them through 24 university with the hope of hopefully having them 25 graduate and come work for us. And to date we have one 26 student that's gone all the way through the program and 27 he works out on the Yukon Delta Wildlife Refuge. And we have another one that's graduating and going to grad 28 29 school and working on a project with us in Western 30 Alaska. 31

32 But we have very few kids from this 33 region and there are 10 kids on that poster I sent you 34 and those 10 students came up and worked here in the 35 north. And only two of those students are originally 36 from the north, one is from Barrow and one is from 37 Kiana. And so we're really hoping to increase the 38 number of students that we have working with us from 39 this region. 40

41 And we work really closely with ANSEP because they're just a really great fit. But we have 42 internships for students that aren't in ANSEP either. 43 44 Our internships do start though with high school graduation because that's -- with the Federal 45 46 government there's an age restriction on when we can hire the students. But it's a -- they're paid internship positions. We have them throughout Alaska, 47 48 49 but we'd love to have some local kids filling our local 50

positions. 1 2 3 And I was over at the school, Eva and I 4 went over to the school when we arrived and I -- then I 5 returned to the school this morning and handed them some information. Alaska Airlines had misplaced my bag 6 7 so I was able to get back to the principal with the 8 information. But I would encourage you all to 9 encourage your youth to pursue fish and wildlife 10 conservation and maybe in a professional -- the professional arena because we need more people that 11 12 really understand the culture and the land. And if you 13 have any students that you think are interested you can 14 contact me or you can contact me through Eva. I know 15 that you guys are in constant contact with Eva. 16 17 So anyway it's just a message to take 18 home to your youth that we really are looking for more 19 youth engagement. And if there are any questions I'd 20 love to answer them. 21 22 CHAIRMAN BROWER: I apologize, I had to 23 take a phone call. My brother called me, he said 24 where's all the whaling gear, I'm going out right now. 25 So I have to tell him where it was. 26 27 But anyway was this for the ANSEP 28 stuff? 29 30 So there is the Alaska MS. HYER: 31 Native Science and Engineering Program and we do partner with them. And then we also have internships 32 33 for students that aren't in that program. So it's just 34 making your students aware of the several different 35 programs we have going on. So we have internships for just students who are interested in biology and then 36 37 there is the ANSEP Program where if students are really 38 interested in pursuing education. ANSEP is the Alaska 39 Native Science and Engineering Program. And so if 40 they're interested in biology or maybe natural resource 41 or zoology or fisheries or wildlife, it's a fabulous program because the students -- their education is 42 43 subsidized with scholarships and then they intern with 44 us. 45 46 CHAIRMAN BROWER: Do we have any 47 questions from the Council or any maybe from the 48 students on any of the dialogue here? 49 50

1 2	(No comments)
$ \begin{array}{c} 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 1 \\ 1 \\ 2 \\ 1 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 1 \\ 1 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 9 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	CHAIRMAN BROWER: I think these are opportunities for young folks and you should be interested in these. I know of one person in Barrow, Ernest Kettimuk. Ernest Kettimuk I think went through some of these things and he's I don't know what his position is, but he works with Fish and Wildlife Service and he does really good stuff for communities, education outreach and a good career path for young folks. And we need more I think indigenous people, Native folks, taking interest because it helps us because we're the ones being regulated too. And when you have a more understanding about traditional use and there's a big difference between personal use and subsistence. I've heard those kind of arguments too. Subsistence is a whole other world, it's a way of life, it's different than personal use.
20 21 22 23	Anyway I encourage young folks and there's a big world out there and to be involved in it. And all important thing that to do these things.
24 25 26	Thank you, Karen. Any other any questions?
27 28	And I see Orville with his hand up.
29 30 31 32 33 34 35 36 37 38 39 40 41 42	MS. PATTON: And, Mr. Chair, if I may too. To encourage the students, as our Chair, Gordon Brower, was mentioning, we do have some excellent people that are great mentors in the region. So Ernest Nageak in Barrow works as the community liaison. So he's actually he's a wonderful bridge and a youth outreach mentor in Barrow. So all of these positions are they're opportunity to do work with both fish and wildlife, your subsistence resources in the region. And your experience growing up with subsistence, you're so knowledgeable and a lot to include there and to ensure that the community and your family and community's way of life is protected.
43 44 45 46 47 48 49 50	And we have students as Karen mentioned from all over Alaska. We've got a number out in the YK Delta who grew up did the high school internship. So we've got a couple of seniors and juniors here so once you graduate, but now is the time you can connect with Karen and I if you might be interested. Really exciting, fun work out you know, it's like being out

Page 199 hunting and fishing for subsistence, but you're getting 1 paid to do that work to make sure that those 2 ' 3 subsistence resources are healthy and help communicate 4 that with the community. 5 6 So now we have biologists and Refuge 7 managers who are the people that are managing their own 8 community's resources. So it's wonderful work 9 outside.... 10 11 CHAIRMAN BROWER: Can I pose a quick 12 question? 13 14 MS. PATTON: You sure can. 15 16 CHAIRMAN BROWER: Now who has (in 17 Native) a caribou, who's cut up a caribou? You know 18 what, you're a biologist, man. And we always -- you 19 know what, we cut up that caribou and we always take the liver out because we like to eat it. We find (in 20 21 Native) in there. That's what biologists do, they take 22 things apart, look at them and they learn how to recognize like we do, right, when the liver has some 23 24 kind of growth on it we recognize it and biologists are 25 interested in those. We're like -- we're already like 26 natural biologists in my view because we don't waste anything, we eat the tongue, we make (in Native) out of 27 28 the (in Native) from the stomach and gather the stomach 29 lining and put it in there and make a delicacy. 30 31 So we're already like biologists in my 32 view. It's just these kind of career paths kind of put 33 us more in touch to the western science which we're 34 dealing with every day nowadays, to put more 35 traditional stuff into that. 36 37 I just wanted to just put that in there. I'd just like to encourage you all, you know, 38 because like we said, I mean, William's getting older. 39 40 41 (Laughter) 42 CHAIRMAN BROWER: My hair, believe it 43 44 or not my hair is whiter than William's. I put this 45 Grecian Formula and I try to look more slick. So but 46 I've actually got a lot white hair and almost silver to 47 the point. 48 49 (Laughter) 50

Page 200 MS. PATTON: And we have a lot of women 1 2 biologists too. So Unayuk Aquluk from Barrow is also 3 another example. She went through Alaska Native Science and Engineering Program, got her degree in 4 fisheries biology and then started working as a 5 There's a Fish and Wildlife field office 6 biologist. 7 out of Barrow, started working as a biologist and an educator. And so there's opportunities, just wonderful 8 9 opportunities both for your experience and then it's a 10 wonderful opportunity for the community to have your knowledge and representation for your family and 11 12 community. 13 14 So do reach out to us. Karen and I 15 will be here through tomorrow and hopefully we can stop back at the school tomorrow morning and make some 16 connections. So if you're interested we'll get you 17 18 some more information and help make those pathways for 19 the summer internships. 20 21 Thank you. 22 23 CHAIRMAN BROWER: Any other questions 24 for Karen? 25 26 (No comments) 27 28 CHAIRMAN BROWER: I know Orville has raised his hand. And I'm going to just say one last 29 thing. I encourage all Refuge managers, Gates of the 30 Arctic, we have National Parks here on the Slope, ANWR, 31 32 you know. Take time to not just only visit Kaktovik to 33 learn more about these places, but take time to engage 34 with all communities on the Slope because we're going to use these lands too, you know, by trade. By trade. 35 I trade real heavily with Nuiqsut and other places with 36 resources that I gather in my area. I trade with 37 Wainwright for (in Native) and that kind of food 38 because some regions have different kind of food. 39 40 Nuiqsut has different, Wainwright has different, Barrow 41 has different and we trade. And those are traditional 42 practices we want to encourage too. 43 44 So I just want to reach -- you know, 45 make sure there's some level of being able to interact, 46 even education for schools throughout the North Slope 47 about what our Parks do and what they're doing and 48 opportunities and to be working in that direction. 49 50

Page 201 1 2 Thank you. 3 So with that I'm going to ask Orville, 4 I think he's -- we're still on that subject. 5 6 So, Orville, you have the floor. 7 8 MR. LIND: Quyanaq, Chairman, Board 9 I get a little excited when I see younger members. 10 people at the meetings because this is what we lack in our Regional Advisory Council meetings is our youth. 11 12 As Elder Hopson said, you know, they're -- and Mr. Brower, you guys are our future. 13 14 15 I wanted to do a little pitch of encouragement though. I've been in the Service for 16 about 26 and a half years, got hired in 1991 as a 17 Refuge information technician. Have you ever heard 18 19 that? 20 21 (No comments) 22 23 MR. LIND: Good. Because you should 24 ask about it. Because it's a local hire program from 25 the Fish and Wildlife Service to hire local people such 26 as yourselves out of high school to help collect data, 27 to help introduce regulations, attend local tribal 28 council meetings and Regional Advisory Council meetings, is to keep that connection. If you love your 29 30 fish and whale and birds and everything, food on the 31 table, you need to get involved. It's part of your life, it's part of the respect you have for your 32 33 people, for your land, for your waters, it's very 34 important. 35 36 Why is it so important, because we're 37 facing trials and tribulations right now with climate 38 change, migration change patterns, quality and quantity 39 of water. Oh, my gosh, I could go on and on and on. 40 I've attended some science programs presentations, 41 Circumpolar, there's a lot of stuff going on, not just in Alaska, all over the United States, all over the 42 43 We need to get onboard and get ourselves world. 44 involved in these types of meetings because it directly 45 affects your food resources, it affects your well 46 being, your health. So it's very important. 47 48 The Refuge Information Program has 49 worked very well. It is a success in the Fish and 50

1 Wildlife Service. There are local people like Ernest, Joann, as a former one myself on Alaska Peninsula. So 2 3 when you look at the State of Alaska we have a Refuge information technician in not all of the regions, but 4 most of the regions, that work directly with Regional 5 6 Advisory Council members, Fish and Wildlife Service, to 7 help each other keep track of the resources. This 8 Board is so important to you all right now because 9 these are basically volunteer people who take the time because they love their resource, they love their 10 subsistence foods. They love their subsistence foods, 11 they took their time to come here and explain and help 12 to work with regulation process. 13 14 15 whole program, the Federal This 16 Subsistence Program is so important right now and it's 17 so unique. No other place in the United States or as I 18 know part of the world this program exists. Why 19 because Alaska is unique. It has these people that 20 depend solely on its resource to function, to be 21 healthy. 22 23 So listen to the elders as they speak 24 how important it is. And I know high school students, 25 you're thinking maybe careers and stuff, but as a 26 Refuge information technician I was for four years, it 27 was probably the most gratifying I took. I got to 28 visit my grandparents, my uncles and aunties and got 29 paid for it because I was helping deliver messages, 30 deliver school programs, you know, explain the rules and regs of the regulation books. It was great, flying 31 in helicopters. Oh, I loved that. Airplanes, boats, you name it. And they send me all over the United 32 33 34 States, paid for everything. So I had paid vacations. 35 36 So it's really cool. I love my work in the Fish and Wildlife Service. My new position as 37 Native liaison is even better, I don't even call it a 38 job, guys. There's a saying that -- I think it's a 39 40 Chinese proverb, if you find a job you love you will never have to work a day in your life. That's me. I 41 love it. I got to have my Native foods last night, it 42 43 was awesome. Had my way paid here, got to stay, don't 44 have to pay for nothing, they pay for everything. I 45 get to eat my foods, it's great. 46 47 So think about it. Think about it. 48 It's really important. These Regional Advisory 49 Councils are forming regulations for your future and 50

Page 203 that's to take care of everybody. Like the elders used 1 2 to say, take care of the land, waters, they'll take 3 care of you. 4 5 (In Native). 6 7 CHAIRMAN BROWER: (In Native), Orville. 8 That' real good. 9 10 With that, I really appreciate you 11 students being able to take time and I hope we make an 12 impression on you. And these are important times like 13 -- they are important times. We're trying to right now 14 have science and subsistence users right now question 15 in Barrow, right now, this very real time, how come the whales didn't come to Barrow, right now. We've been 16 whaling -- fall whaling since September 20, it's 17 18 September -- October 23 right now, not one whale's been 19 sighted. For -- since I was a little kid they -- out 20 of Nuvuk they going to catch whales. Now we need to 21 find out what's going on. It's going to take 22 biologists, it's going to take Native liaisons, it's 23 going to take NOAA, the Federal government, the local 24 people and say what happened, is there something that 25 we need to work together on to fix because we depend on 26 subsistence. A lot of people depend on subsistence. 27 28 Just want to continue to encourage the 29 students. I appreciate having them address the Council today and it's very important. And if you're going 30 31 back to your class, if you want to have some parting words, you're welcome to while this particular section 32 33 that we're on is public and tribal comment on nonagenda 34 items, I mean, you can say hey, this is a nonagenda item, hi there. And that's basically what it is on 35 this section. And that was available each morning and 36 37 today's our last day to do that. 38 39 With that.... 40 41 MR. HOLLEY: I'd just like to thank 42 everyone for having us. 43 44 CHAIRMAN BROWER: You might want to 45 come to the mic and it would be good. 46 47 MR. HOLLEY: Ronnie Holley, Tikigag 48 School. I'm thankful that you guys had us here today. 49 I'm sure they learned quite a bit for the time that 50

1 2 3 4 5 6	we've been here. I will take this back and show the other juniors and seniors that weren't able to come today and see if we can get anymore interest into the programs and see if they can, you know, try to help out their futures because it is their future.
7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23	CHAIRMAN BROWER: Just one little bit of not advice, but maybe a little bit of exercise. You know, anybody can put a proposal to be entertained. Here's a proposal. We have a bag limit of five caribou per day on the records. It used to be 15 caribou per day because when the herd was real big. So conservative management, somebody has to make these proposals and if five caribou per day is not sufficient for your family and not enough to supply food on the table, you can make a proposal to change bag limits. Maybe five is too much per day to be conservative in management and try to allow the herd to grow, maybe we think four caribou per day is good. Or you say our families are too hungry, we should have when the caribou are available we should be able to get seven per day. And these things.
24 25 26 27 28 29 30 31 32 33	I'm just saying you can do exercises and see where your proposal goes and submit it to the RAC. And it'll start to make you understand the power and influence this RAC has to the Federal Subsistence Board. The Federal Subsistence Board is a higher power and I think there's the Chairman of each Council will go sit in front of Federal Subsistence Board if we have business to do with them and to pitch our region's concerns.
33 34 35 36 37	So those are some of the ways that it could be learned a little bit more, it could be a class exercise even.
38 39 40	Just thought it was important to say that.
41 42	MR. HOLLEY: Again thank you.
42 43 44	MS. KIPPI: Mr. Chair.
44 45 46	MR. OOMITTUK: Mr. Chair.
40 47 48	CHAIRMAN BROWER: Go ahead, Steve.
49 50	MR. OOMITTUK: Yes. I you know,

Page 205 thank you for bringing your students and the students 1 for coming. You know, for many years I went to the --2 3 I was always invited to the school by teachers to talk 4 the history and the culture, everything, you know, how 5 to mark a whale, how, you know, ice conditions, 6 weather. You know, I always volunteered my time. And so you're more than welcome to give me a call anytime 7 8 if -- I haven't been to the school for a while, you 9 know. There's certain teachers that were here for years and years, we -- now we have so many different 10 teachers and changeover. I usually give a tour and 11 12 introduction to the new teachers and the old teachers 13 yearly of Tikigaq. 14 15 But you're more than welcome to give me 16 My number is 368-0466 if you want me to come a call. 17 in and talk with your students or the history, the 18 culture, anything about Tikigaq. 19 20 And thank you guys for coming. I knew 21 all these kids pretty much. 22 23 CHAIRMAN BROWER: (In Native), Steve. 24 25 MS. KIPPI: Mr. Chair. 26 27 CHAIRMAN BROWER: Wanda from Atqasuk. 28 29 MS. KIPPI: Thank you, Mr. Chair. I 30 just want to have you -- if you have time you could look in the comments that we report every time we have 31 32 our meeting, we have a report from each of the members 33 and we talk about our community and how the hunting was 34 or what we see different or what's wrong with our 35 caribou and stuff so that. So if you guys take time if 36 you're interested, read those comments. It's from each 37 and every one of us on this member -- of our members. 38 39 And there's also -- there's more RACs 40 and more subsistence places you can join, like members. Like with the North Slope Borough, fish and wildlife 41 42 management. If you're -- you know, you're a hunter, 43 you know the land, you know your -- you know your 44 animals, you know your fish and they look for people 45 like us, hunters and gathers that know our land. They 46 look for us to come up and become what we are today. 47 48 So Ι hope you guys get a little knowledge on how our subsistence is and how we -- how 49 50

we do this and I hope you pursue. Thank you. 5 CHAIRMAN BROWER: (In Native), Wanda. 6 Any other nonagenda items before we move on to the 7 next? 8 9 Daisy, did you want to address us? Did 10 you want to address the Council? 11 12 (No comments) 13 14 CHAIRMAN BROWER: Very good. What's 15 the wish of the Council. Do you guys want to take a quick break or you want to trudge and move along. 16 17 18 MR. HOPSON: Five minute break. 19 20 CHAIRMAN BROWER: A five minute break 21 is called for. And we wish well for the students. 22 23 (In Native) 24 25 (Off record) 26 27 (On record) 28 29 CHAIRMAN BROWER: We're going to get 30 out of our little five minute break which turned out to 31 be almost 15 minutes, guys. You know, we must be on 32 Inupiaq time. 33 34 (Laughter) 35 36 CHAIRMAN BROWER: Anyway with that I 37 think some of the -- I'm going to give an opportunity, about a few minutes for William and the other Council 38 39 members to come on back. And we'll give Orville the 40 remaining time to finish his presentation. 41 42 Who else were we waiting for. I don't 43 -- we haven't heard from Martha this morning, I'm hoping she's okay. I know she wasn't feeling all that 44 45 well this morning. And we -- yeah, some of us came and we were already kind of (in Native), you know, had a 46 47 bad cold. 48 49 With that, I'm going to ask Orville if 50
you can come up the mic and complete your tribal 1 consultation stuff. 2 3 4 MR. LIND: (In Native), Mr. Chairman, 5 Council members. Orville Lind, Native liaison, Office 6 of Subsistence Management. 7 8 In summary for the Native liaison and consultation process, I -- our goals of course, raise 9 10 consultation, is for the tribes and our agency to 11 really have a understanding and, you know, our respect and trust to grow within the process. And basically it 12 13 is really, you know, between -- communication between both tribes and the agencies to be respectful of each 14 15 other. But, you know, we're just honoring government to government relationships. And it is important that 16 17 we have very effective communications during this 18 process. 19 20 And since I started in December of 2014 21 I've conducted 149 consultations with -- I'm sorry, 22 consulted with 149 tribes since then and eight 23 corporations, I believe. And so the process is getting 24 easier, but it's also I think a vote from the tribes 25 and corporations and our agencies are really developing 26 this sort of relationship that are making things a little understandable as far as the process, the 27 Federal process. As Mr. Brower spoke earlier that this 28 29 needs to happen, the process needs to be understood on all sides and therefore that could be very productive 30 31 and effective for everyone. 32 33 We also like to mention that during the 34 process before we started the implement quidelines 35 which you have a copy also I provided, is a living 36 document. And this provides guidelines to how to 37 really conduct the who, what and why of tribal and corporation consultation. And this is what I follow. 38 And every year I ask the land managers, ISC board 39 40 members, that, you know, what -- is there any comments 41 that you've heard or changes that need to be to make this a better process. So I've done that for three, 42 43 four years now and it hasn't changed much. But I've 44 got to tell you that more and more tribes have been 45 calling in, more and more special actions we've 46 received in our office, I mean, the whole process is 47 getting -- making -- certainly making us busier. So I think the tribes are understanding better and that's 48 49 part of the process that we're looking for. 50

And also I would like to add that in 1 2 the outreach department of our OSM, Office of 3 Subsistence Management, we have again 10 regions and 4 also within those 10 regions we have RITs or Refuge information technicians that help us do outreach. Now 5 6 the biggest problem and concern that I've heard in the 7 five years I've been Native liaison, is that the tribes 8 aren't getting the information, they're not getting the 9 news release, they're not getting the information of 10 the consultation date and time and that's understandable. Working with tribes before I got this 11 12 Native position -- Native liaison position, I 13 understand that can be a real difficult task to have. 14 We don't have control once the information gets out to 15 the villages, however we have Refuge information 16 technicians that can help us reach further. Those folks are the eyes and ears of our Service out there. 17 18 So they do an excellent job, hats off to the Refuge 19 Information Technician Program. To get the invite 20 letters for the consultation on a specific proposal, 21 regulation, change, amendment or whatever, special 22 actions, that type of deal. 23 24 We were successful in working with the 25 village of Chignik when they did not have a fishing season. My home village of Chignik two summers ago did 26 27 not fish. There is a multi million dollar fish 28 industry that just completely crashed. It was a 29 disaster. This later summer were -- back up a little 30 bit. We were able to get them a subsistence community harvest with them with a Federal cultural permit I 31 32 believe it was. Correct me if I'm wrong anybody. And they really appreciated that, that they were able to go 33 34 our and get their subsistence fish when we could 35 provide a permit for them. 36 37 CHAIRMAN BROWER: Orville, I mean, 38 before I lose my train of thought on this particular subject here, and I think it's important. Yeah, we 39 40 heard earlier about, what was it, a boat doing outside 41 of Point Hope studying and where can we get information 42 about those types of studies. And you bring about an 43 interesting question about community quotas. And if 44 they are studying the resources up here in the Arctic 45 for commercial use it's time to start to talk to tribes about community quotas. And making sure that -- I've 46 47 heard about these things, what do they call them, they're QDROs or something like that and..... 48 49 50

1 2	MR. EVANS: CDQs.
2 3 4 5 6 7 8 9 0 11 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 2 4 5 6 7 8 9 0 1 1 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CHAIRMAN BROWER:CDQs where they either get a cut of the revenue or they get a block of a quota because they had customary and traditional use of these resources and to prevent overharvesting and things like that. They get a portion allocated to them through these things. I'm afraid that the studies that our tribes don't know that's going on, whoever's authorizing it, whether it's a North Pacific Fisheries and looking at commercialization of these resources that we depend on too, that talking to tribes about quotas, community quotas, might need to be part of the liaison dialogue in these areas. And you've expressed that some of these studies are something that outside of we don't get exposed to it, but some of your staff might be going to these kinds of forums to look at either NOAA or somebody else doing these things out there for future commercialization. I mean, I know there's a moratorium on commercial fishing up in the Arctic, but I think they're looking more and more into the availability of those resources.
	MR. LIND: (In Native). Thank you, Chairman Brower. When I think about that I believe that a better and more effective avenue I think would be through the Refuge Information Technician Program because they represent your region. And as far as up on the North Slope I believe it's Mildred Allen with the Arctic National Wildlife Refuge. And there may be some new ones, I'm not sure. This list I have is actually over a year old.
33 34 35 36 37 38 39 40 41	But things like that for sure is very important for one. And just to kind of get a big picture of what's going on in your region as far as CDQs, quotas. Again for your region I think it would be more effective and productive if you had an RIT who would look into something like that, Refuge information technician.
41 42 43 44 45 46 47 48 49 50	On my part of it my really sole responsibility is making sure that the tribes are being heard about proposals and regulations that are directly affected by that. And again it is a very I'm not going to lie to you, it's really busy, it's a busy time, it's getting busier because tribes are catching on and there's a lot of concerns as you guys mentioned yesterday about the different issues that are coming

about with the warming temperatures and migration 1 changes, it's going to get busier. And I'm going to do 2 3 my best to try to keep the tribes informed, try to keep 4 folks updated on our program. We are down a few staff members and that'll come -- that report will come later 5 6 on today. 7 8 But other than that the last thing I 9 have to say is that I really like what I'm doing because it means a lot to me. I -- it's just -- I 10 think it's really going to get better as far as 11 12 communications go. It has to, we have no choice. With 13 folks like yourselves bringing us up to date with your reports is so important. And then I'm very fortunate 14 15 to be at the RAC meetings through all 10 regions. I do 16 five -- I try to do five each year, but they said that's too much for me, I do three or four. So it 17 18 takes me a couple years to get through all 10 regions. 19 But the passion that you folks have for subsistence is 20 unmatchable and I thank you for that. 21 22 That's all I have, Mr. Chair. 23 24 CHAIRMAN BROWER: (In Native), Orville. 25 Any questions for Orville from the Council? 26 27 MR. OOMITTUK: Mr. Chair. 28 29 CHAIRMAN BROWER: Steve. 30 31 MR. OOMITTUK: I just want to thank 32 you, Orville, for all your hard work and it's always 33 good to see you. 34 35 MR. LIND: (In Native), Steve. It's 36 always good to see you. 37 38 CHAIRMAN BROWER: Yeah, likewise. I'm 39 always -- you know, you say things to us that, man, you 40 guys are right on. I mean, that's to us I think good 41 compliments because we want to learn about what Tom's doing, we want to learn about what Pat's doing, we want 42 to learn about what you're doing and how to influence 43 44 those things. Because it's been insider things for way 45 too long. And being able to effectively be part of the 46 program is important for us. We're not going to be in 47 my view be told to say oh, we can't comment on that. And when -- because it's another program. 48 49 50

No, I'm not going to hear that kind of 1 2 stuff when we have the ability as a RAC to comment on 3 such items of concern. And either they don't want to work, if they don't want to work, well, replace them 4 with people that want to work and do the right things 5 6 for the people. It just comes down to simple as that in my view and I'm not afraid to express that because 7 8 there's 14,000 people depending on us up here in my 9 Maybe that's the other region, we're about view. 10 7,000. But we're dependent on subsistence resources 11 like no other place. And it's very important to put 12 food on the table up here. Unless you give us all the Walmarts and McDonald's and everything and it's at \$3 13 14 for a burger, you know, or something like that, who 15 knows. I'm just saying it's that important to us. Our 16 McDonald's is out there. 17 18 That means a very big compliment. 19 Thank you for working for us. 20 21 MR. LIND: (In Native). 22 23 CHAIRMAN BROWER: With that, Madame 24 Chair, where are we on the agenda now? 25 26 MS. PATTON: Mr. Chair and Council. We are back to our Federal Subsistence Regional Advisory 27 28 Council proposals. And we left off with WP 20-49 which 29 is addressing Red Sheep Creek Management area. I did just talk to Edward Rexford so he was calling back in 30 31 to the meeting after the break. 32 33 Thank you. 34 35 CHAIRMAN BROWER: (In Native). So, 36 Edward, you online, Kaktovik? 37 38 MR. REXFORD: Yep, I'm here. 39 40 CHAIRMAN BROWER: (In Native). Well, 41 we're going to go ahead and go back to the proposals and this one is in your neck of the woods. And we 42 43 didn't take it up last night and recess just so you could be part of this. 44 45 46 MS. KENNER: Mr. Chair, this is Pippa 47 Kenner with OSM and I'm going to be presenting this 48 proposal with Tom Evans. And we're ready. 49 50

Page 212 1 CHAIRMAN BROWER: All right. I'm going 2 to give you guys the floor. And who was that online 3 that's going to help present with Tom? 4 5 Hi. My name is Pippa MS. KENNER: 6 Kenner and I'm with OSM in Anchorage. 7 8 CHAIRMAN BROWER: All right, Pippa, you 9 have the floor. And Tom's getting prepared right now. 10 11 MS. KENNER: This -- the analysis for 12 this proposal begins on page 104 of your Council book. 13 14 So thank you, Mr. Chair and members of 15 the Council. Again my name is Pippa Kenner and I'm an 16 anthropologist with the Office of Subsistence Management in Anchorage. And I'll be presenting this 17 18 proposal analysis with Tom Evans, a biologist at OSM. 19 20 The analysis of proposal WP 20-49 again 21 begins on page 104 of your Council book. This proposal 22 was submitted by the Alaska Department of Fish and Game 23 and requests that the Arctic Village Sheep Management 24 Area be opened to the harvest of sheep by non-25 Federally-qualified users. Put succinctly the 26 proponent states that the restriction of sheep hunting 27 to residents of only a few communities, Arctic Village, 28 Chalkyitsik, Fort Yukon, Kaktovik and Venetie, is not 29 necessary to accommodate local uses. The State continues that harvest records indicate residents of 30 31 these communities rarely hunt sheep. Furthermore there 32 is no biological reason to preclude sheep hunting 33 opportunities by the public in the Arctic Village Sheep 34 Management Area. 35 36 The Federal public lands comprise 37 almost all, 99 percent of the sheep management area and it consists of the Arctic National Wildlife Refuge. 38 39 And a map of the management area can be found on page 40 107 of your Council book. And I want you to -- if you go to that map I want you to notice in the northern 41 42 part of the management area are Red Sheep Creek and 43 Cane Creek. And we'll be talking about those areas. 44 45 Now this analysis is pretty long and so 46 what I'm going to do right now is just really quickly 47 summarize the information in the analysis and then if 48 you have questions Tom and I are available. 49 50

1 So to continue, again only the rural residents of Arctic Village, Chalkyitsik, Fort Yukon, 2 3 Kaktovik and Venetie have a customary and traditional use determination for sheep in unit 25A which is where 4 the sheep management area is. And only those rural 5 residents are eligible to hunt for sheep under Federal 6 7 regulation. 8 9 I'm going to stop right now and hand 10 the presentation over to Tom Evans. 11 12 Thank you. 13 14 CHAIRMAN BROWER: Go ahead, Tom. 15 16 MR. EVANS: Thank you, Pippa and Mr. 17 Chairman and members of the Council. I'm going to 18 present the biological background for this area. And 19 then we'll return it back to Pippa and she'll finish 20 out the presentation. 21 22 Sheep populations in the eastern Brooks 23 range have been relatively stable at low density since the 1990s. The information is based on the available 24 25 harvest and survey data and observations by hunters. Sheep are susceptible to overharvest by sport and subsistence hunters in local areas, therefore there is 26 27 28 a need to closely manage harvest for those populations 29 that are easily accessible. Harvesting mature rams is the most conservative strategy especially 30 often 31 following population declines. 32 33 The Department of Fish and Game uses a 34 full curl harvest strategy to maintain an average 35 harvest of rams that are greater than or equal to eight 36 years old. This management strategy is based on 37 decreasing survival of rams as they get older and trying to allow for younger rams in their prime to 38 39 continue breeding. 40 41 The Alaska National Wildlife Refuge 42 conducts periodic sheep surveys within the Arctic 43 Village Sheep Management Area and the surrounding 44 areas. Sheep densities have generally been low within 45 the Arctic Village Sheep Management Area compared to other areas within the Brooks Range. Within the Arctic 46 47 Village Sheep Management Area sheep densities have generally been much higher north of Cane Creek versus 48 49 south of Cane Creek. So basically in the northern 50

areas the densities are higher versus the southern 1 2 areas. And this is thought to be primarily due to 3 differences in habitat quality between the two areas. 4 5 In 1991 sheep densities north of the 6 Cane Creek were 2.25 sheep per mile squared and south 7 of the Cane Creek were 0.2 sheep per mile squared. In 8 2006 sheep densities north of Cane Creek were 1.7 sheep 9 per square mile and in 2012 the sheep densities north 10 of Cane Creek were 1.5 to 1.8 sheep per square mile and south of Cane Creek was 0.25 to 0.7 sheep per square 11 12 mile. In 2012 there were roughly 27 lambs per 100 13 ewes, in 2015 and 2016 this number increased to 34 lambs per 100 ewes. The last surveys that were 14 15 conducted were in 2016. 16 17 That concludes my presentation on the 18 biological part of this analysis and I'll turn it back 19 over to Pippa. 20 21 MS. KENNER: Thank you, Tom. I'm going 22 to move into the cultural knowledge and traditional 23 practices section of the analysis. And that begins on 24 page 104. 25 26 And so to sum up Federally-qualified subsistence users hunt for sheep in the management area 27 28 and this is well documented in ethnographic literature, 29 in testimony at meetings and in harvest reporting 30 systems. 31 32 Additionally Federally-qualified 33 subsistence users have commented that allowing non-34 Federally-qualified users to harvest sheep in Red Sheep Creek and Cane Creek drainages during the time when Federally-qualified subsistence users harvest sheep 35 36 37 affects their ability to access an important sheep Since 1993 38 hunting area. Federally-qualified subsistence users have noted to the Board that plane 39 40 traffic by non-Federally-qualified users has interfered 41 with their ability to successfully hunt sheep in these drainages. Residents reported that plane flyovers 42 43 spook the sheep and that older rams can climb to higher 44 elevations making them more difficult to hunt. Red 45 Sheep and Cane Creek are both very narrow valleys and 46 consequently flights through the area disturb sheep. 47 48 I'm going to move on now to harvest 49 history. So since 1995 the Arctic Village Sheep 50

Page 215 Management Area has been closed to the harvest of sheep 1 except by Federally-qualified subsistence users. 2 3 They've been able to get a Federal registration permit 4 since 1995, but we must take care when using these data 5 as it is likely that many hunters have not reported 6 their harvest efforts. 7 8 Right now I'm going to describe the 9 data on table 2 on page 114. 10 11 Since 1995 hunters have requested 40 Federal permits, 17 have reported hunting for sheep and 12 13 nine reported harvesting sheep in the management area. Of these incomplete data three hunters reported using 14 15 the Red Sheep Creek drainage to hunt for sheep and of 16 those one sheep harvest was reported. 17 18 Now I'm going to quickly move on to the 19 data in table 3 on page 115. 20 21 This is where the Alaska Department of 22 Fish and Game -- is the data where the Department of 23 Fish and Game maintains a harvest reporting data base 24 where hunters using State harvest tickets or State 25 permits report their hunting. 26 27 A description of hunter effort and 28 success within the management area at the so called 29 uniform coding unit level or drainage level can be described although harvest site documentation is not 30 31 precise and is an approximation. But using State 32 harvest tickets and permits from 2006 to 2010 approximately 22 sheep were harvested, about four sheep 33 34 annually reported -- were reported in the area north of 35 Cane Creek while it was open to the harvest of sheep by 36 non-Federally-qualified subsistence users from August 37 10th to September 30th each year. 38 39 The Office of Subsistence Management's 40 recommended conclusion is to oppose proposal WP 20-49. 41 Sheep populations in the management area situated south of Cane Creek continue to exist at low densities and 42 43 should remain closed to non-subsistence uses in order 44 to protect healthy populations of sheep as mandated in 45 ANILCA section 815(3). 46 47 In the area north of Cane Creek there 48 may be more sheep than in areas to the south, but plane 49 traffic by non-Federally-qualified users during the 50

2

Page 216 time when Federally-qualified subsistence 1 users customarily and traditionally harvest sheep 2 ' has interfered with their ability to successfully hunt 3 sheep in this important sheep hunting area. Therefore 4 the area north of Cane Creek should remain closed to 5 6 non-subsistence uses in order to ensure the 7 continuation of subsistence uses as mandated in ANILCA 8 section 815(3). 9 10 I also would like to point out to the 11 Council that it considered the same proposal that was submitted by an individual rather than the State, that 12 13 the Council considered the same proposal in 2018 and 14 the Council's actions, the North Slope Council's 15 actions on those proposals, that proposal in 2018 begins on page 128 of your Council book if you'd like 16 17 to review that. 18 19 So at the end of our presentation we're 20 going -- at the end of all the presentations and 21 testimony we're going to ask the Council to either 22 support, oppose, support with modification or defer to 23 the home region on this proposal. 24 25 The Eastern Interior did take action on 26 this proposal last week and they also opposed it. 27 28 Thank you, Mr. Chair and members of the 29 Council. We're available to answer your questions 30 throughout the rest of this process. 31 32 CHAIRMAN BROWER: Thank you, Pippa and 33 Tom. Any questions before we go through the -- all the consultation guidelines here? 34 35 36 (No comments) 37 38 CHAIRMAN BROWER: I certainly have one. 39 And it seems like there's other areas where there's 40 sheep and I'm wondering why the proponent, being ADF&G, 41 wants to be in an area where conflict with villages are present. Isn't the State large enough to where there's 42 43 other sheep resources or is it that the sheep resources 44 in other areas that are managed have been depleted by nonresidents, non-Federally-qualified users already. 45 46 I'm just -- I get alarmed when we have to start to look 47 at low density issues and statements like low density issues in areas where Federally-qualified users should 48 49 be -- that should be the limit and extent of the use of 50

		Page	217
1	those resources.		
2	Maybe some feedback		
3 4 5 6	MS. KENNER: Thank you, Mr		
6 7 8	CHAIRMAN BROWER:in that asp	ect.	
9 10	MS. KENNER: Thank you, Mr. Chair, the question. Sorry.	, for	
11 12	CHAIRMAN BROWER: Go ahead, Pippa.		
13 14 15 16	MS. KENNER: Thank you, Mr. Chair, that question. This is Pippa Kenner with OSM.	, for	
10 17 19 21 22 22 22 22 22 20 12 33 33 35 67 8	So on the first page of the analy on page 104, the proponents gave the justification the Alaska Department of Fish and Game gives justification. And it mentions quite a few the One is that the proponent believes based on biolood data that Federally-qualified subsistence users retain opportunity to meet their subsistence need this manager management area is open to Federally-qualified users. Non-Federally-quali users will regain an opportunity to harvest shee the management area and this change could opport provide additional harvest opportunity for Federally-qualified users. It would also provide opportunity for guide businesses in the area.	ings. gical will ds if non- ified ep in would non-	
	So succinctly the Alaska Department Fish and Games feels that the area should be because of no conservation concern for the overhas of sheep and also that there's enough sheep in sensitive areas that Federally-qualified users can the sheep they need for subsistence.	open rvest these	
39 40	Thank you, Mr. Chair.		
41 42 43 44 45 46 47 48 49 50	CHAIRMAN BROWER: Yeah. Thank Pippa, for those you know, we often ask these of questions to you know, what the reasoning underlying reasoning behind some of these things and the consideration of local needs in an area they seem to be at odds versus low density popula areas and not fully taken into account. And always seems to me there's concerns because of management style of the proponent in my view. You	types g s are where ation that the	

Page 218 to manage it for a whole lot of different residents 1 rather than just for the immediate communities 2 that 3 support -- that these resources are supporting. 4 5 So it's important to hear some of those 6 things. 7 8 With that, do we have any other 9 questions for Tom and Pippa on the proposal? 10 11 (No comments) 12 13 CHAIRMAN BROWER: Edward, do you have 14 any questions from Kaktovik on WP 20-49 on the sheep? 15 16 MR. REXFORD: Well, that's kind of a long distance for Kaktovik to hunt sheep and I don't 17 18 think we ever hunted in that area in our lifetime to my 19 knowledge. So I'm not sure how to vote on this because I don't know if their subsistence needs are being met 20 21 in that area on the south side, not knowing the history 22 on the sheep population there. 23 24 CHAIRMAN BROWER: (In Native), Mr. 25 Rexford from Kaktovik. It's in our neck of the woods 26 because of Kaktovik and we just wanted to make sure we heard the concerns out of Kaktovik for this proposal. 27 28 29 And with that .... 30 31 MR. HOPSON: Mr. Chairman. 32 33 CHAIRMAN BROWER: Go ahead, Mr. Hopson 34 from Barrow. 35 36 MR. HOPSON: Thank you, Mr. Chairman. I had a wrong understanding on this proposal yesterday 37 38 and I apologize for that. 39 40 My concern is this the same population 41 that the Kaktovik residents hunt because of the proximity of the area. Are those sheep identified as --42 43 where do they go and I know they don't go up to one 44 mountain and stay there all year. You know, do they migrate towards the Kaktovik hunt areas and if it is, 45 yes, it would be a concern for me for the people 46 47 because the population of sheep they hunt would decline 48 if this was open. 49 50

Page 219 1 2 Thank you, Mr. Chairman. 3 CHAIRMAN BROWER: So with that, Tom, if 4 you can -- or Pippa, we can answer that question. 5 6 MR. EVANS: Thank you, Mr. Chairman. 7 So the sheep populations are fairly local. As Edward 8 mentioned it's a long way to go from Kaktovik to get these sheep. So it's very unlikely for sheep to go all 9 10 the way up towards Kaktovik or closer to the community 11 there. 12 So I think that answers your question 13 that they're not that migratory. And..... 14 15 CHAIRMAN BROWER: I think the question 16 is -- maybe I can do some clarification. Where is -when Kaktovik has -- takes the effort to go get a sheep 17 18 it might not necessarily be right here where it's being 19 defined for the Cane Creek and these other areas. But 20 are those population of sheep move around such that they become available on this side of the mountain, 21 22 close enough on their side of the slope that they're 23 effectively hunting the same population. Is -- I think 24 that's the heart of the question. 25 26 MR. BERENDZEN: Mr. Chair and members 27 of the Council. This is Steve Berendzen, Refuge 28 manager, Arctic Refuge. I think I can help out a 29 little bit with this. 30 31 Although the movements of sheep is --32 can be variable, it's been documented that sheep do 33 move distances, sometimes pretty significant distances. 34 Where the Arctic Valley Sheep Management Area is on the 35 south side of the Brooks Range, there is a large distance between that and the Huluhulu drainage that is 36 37 generally hunted by the Kaktovik residents. They do go beyond that certainly and, you know, east and west, but I think they -- what Mr. Rexford was referring to is 38 39 40 they typically hunt on the North Slope. So there is a 41 significant distance. Could some animals move there, the rams are the ones that generally move longer 42 43 distances so, yes, it's possible. However I would 44 think it's not that likely. 45 46 CHAIRMAN BROWER: Thank you. And I 47 think that puts -- sheds some light on the question 48 that was posed. 49 50

Page 220 But still there's C&T to that area with 1 2 ' Kaktovik should they want to do some really remote 3 hunting like that, they have that C&T to that area. That's basically probably why it's here before us 4 5 today. 6 7 Any further questions on the proposal 8 before we go down the -- past the presentation and 9 analysis? 10 11 (No comments) 12 13 CHAIRMAN BROWER: Hearing none, thank 14 you, Steve. And we're going to go ahead and go down to 15 item two, report on boards and consultations. First one is the tribes and ANSCA corporations. 16 17 18 And, Orville, if you can expound on 19 that. 20 21 MR. LIND: (In Native), Mr. Chairman, 22 Board members. Orville Lind, Native liaison for the 23 Office of Subsistence Management. 24 25 During the December 30th consultation 26 with the North Slope region we did have Mr. Rexford, Sr. ask to be given a quick overview of the proposal 27 28 which our staff did. And the only remark he stated afterward was that he was going to try to get the 29 30 information out to the people. 31 32 And that's all I have for that 33 consultation. 34 35 Thank you, Mr. Chair. 36 37 CHAIRMAN BROWER: Thank you, Orville. 38 And we'll go on to item three, agency comments. 39 40 And our first one on the block is 41 Alaska Department of Fish and Game. 42 43 MR. BURCH: Hello, Mr. Chair. This is 44 Mark Burch with the Department of Fish and Game. 45 46 CHAIRMAN BROWER: Yeah, go ahead, Mark. 47 48 MR. BURCH: I would like to say that we 49 have been involved in a round table discussion at the 50

Eastern Interior meeting with some of the people from 1 Arctic Village. And had a good conversation with them 2 3 and are interested in continuing that conversation as 4 we talk through this issue from our perspective. And 5 that's where we're at for now. 6 7 Thank you. 8 9 CHAIRMAN BROWER: Thank you, Mark. And 10 I see Orville is raising his hand and I'm going to go 11 back to Orville. 12 13 Orville. 14 15 MR. LIND: Thank you, Mr. Chair, Board 16 members. I wanted to share also that we've just been 17 requested for a tribal consultation for Arctic Village 18 on that issue. So once I get back to the office I'm 19 going to go ahead and set up for a tribal consultation 20 with those folks, with the OSM and the Federal 21 Subsistence Board members. 22 23 Thank you, Mr. Chair. 24 25 CHAIRMAN BROWER: Thank you, Orville. 26 And you know what, it's important that -- there's some 27 things like this on the North Slope in particular like 28 around Anaktuvuk Pass. And one thing that happened with guides and other things was that the -- the bought 29 30 out of a corp -- of a guide operation with probably the 31 -- looking at how there could be a way that local 32 opportunities be developed and not just an outside 33 entity or, you know, the amount of resources it takes 34 to do something like that versus what a tribe can do to 35 maybe facilitate and keeping the meat in the village or 36 something like that. And making -- seems like there's 37 some ways to talk about these kind of things that would 38 be like a traditional hunting experience level of 39 guiding. It should be thought more thoroughly about in 40 my view because this has come back more and once that 41 I've been on the Council with proponent saying, yeah, we should open these sheep up for non-Federally-42 43 qualified users and people from Montana get guides and 44 go get a sheep in these areas. But at what cost and to 45 diminish traditional hunting experiences and probably 46 start arguments with communities. 47 48 With that, Orville, were you done on 49 that part? 50

Page 222 MR. LIND: Yes, Mr. Chair. Quyanaq. 1 2 Thank you. 3 4 CHAIRMAN BROWER: All right. And next 5 item is Federal agencies. 6 7 MS. PATTON: Mr. Chair and Council. I 8 don't believe there are any comments at this time 9 unless there's any comments from Arctic National Wildlife Refuge regarding this proposal. 10 11 12 (No comments) 13 14 CHAIRMAN BROWER: The ANWR guys aren't 15 going to say anything. 16 17 All right. Native, tribal, village and 18 others. So we need some tribal comments at this point. 19 20 MS. PATTON: I'll check in with Edward 21 if there's any comments further from the..... 22 23 CHAIRMAN BROWER: Yeah. 24 25 MS. PATTON: .....Native Village of 26 Kaktovik. 27 28 CHAIRMAN BROWER: Yeah. I know Eva 29 likes to put lots of words in my mouth all the time 30 like a spoon fed baby here. 31 32 (Laughter) 33 34 CHAIRMAN BROWER: But I appreciate 35 that, Eva, you're always on target. 36 37 So we'll see. Any tribal comments, 38 Kaktovik being close in this area. 39 40 Edward, you got comments from the 41 tribe? 42 43 (No comments) 44 45 CHAIRMAN BROWER: Kaktovik, you on? 46 47 (No comments) 48 49 CHAIRMAN BROWER: I'm not sure if we 50

Page 223 1 lost Kaktovik in this one or not. He may have been 2 sunspotted out maybe. 3 4 We'll come back to the tribe comments. 5 I'm going to move on to four until we get Edward back 6 online. 7 8 MS. PATTON: Sounds like he's back. 9 10 CHAIRMAN BROWER: Edward, you there? 11 12 MR. REXFORD: Yeah, I'm here. Sorry I 13 was on mute. 14 15 Well, we -- our tribe don't Yeah. 16 really have concerns on that Red Sheep Creek proposal since it's in, you know another territory. But, you 17 18 know, that's the only concern we have right now except 19 the timing of the moose season. But we're working on 20 that. 21 22 That's all I have. Thank you. 23 24 CHAIRMAN BROWER: (In Native), Mr. 25 Rexford, on the tribal comments. And there's -- it's 26 tribal, village and other. So we were on that. 27 28 If there are no other tribal or village 29 or other comments on that I'm going to move on to 30 advisory group comments, other Regional Councils. 31 32 MS. PATTON: Mr. Chair and Council. As 33 anthropologist, Pippa Kenner noted, the Eastern 34 Interior Alaska Subsistence Regional Advisory Council 35 did meet a couple weeks ago and took action on this proposal. They had quite an extensive discussion with 36 representatives from Arctic Village in the region and 37 others. The Council voted unanimously to oppose WP 20-38 39 49, and maintain the subsistence. 40 41 CHAIRMAN BROWER: Thank you, Eva. So 42 we heard from them. 43 44 So item B, Fish and Game Advisory 45 Committees. Is -- was there any comment? 46 47 Vince. 48 49 MR. MATHEWS: Thank you, Mr. Chair. 50

Vince Mathews with Arctic Refuge. 1 2 3 Eastern Interior as was already 4 portrayed had long discussions on this with 5 representatives from Arctic Village. And Fish and Game already mentioned they're in dialogue with it. 6 7 Eastern Interior is requesting again 8 9 over several years to have a working group that's 10 composed of OSM, Fish and Game and the communities that 11 have a positive C&T to look at other options. So they made that pretty clear and I think it's going in their 12 13 annual report. But they made it clear that they want a 14 working group to look at this area. 15 16 So I just want to get that on the 17 record because they would definitely want somebody from 18 Kaktovik and that's why it's great that Edward's 19 online, it possibly could be him. 20 21 CHAIRMAN BROWER: Thank you, Vince. 22 Like I said I think there's opportunities to do 23 something different. I think there's real value to 24 thinking about a real traditional hunting experience 25 rather than just being, yeah, I got an airplane, I can drop you off right here, climb around like a rock 26 climber and catch something. I mean, looking at ways 27 28 where it emphasizes and has respect to the communities that subsist out of these things and provide a traditional hunting experience, seems to me something 29 30 31 that's under exploited in my view. 32 33 MR. MATHEWS: Mr. Chair, the Eastern 34 Interior as well as another group that formed did 35 discuss about the other opportunities. So there is 36 dialogue going on on that. Eastern Interior has 37 several members that are guides and they were working 38 with Arctic Village if they were interested in developing some type of guide program. So that has 39 40 been on the record, the discussions. 41 So there's a lot more with this whole 42 -- this area. I started my career in 1992 on this 43 issue. So hopefully before my career ends that 44 there'll be some kind of long term solution. But right 45 now there's good dialogue that's going on. 46 47 CHAIRMAN BROWER: Thank you, Vince. 48 I'm going to continue on that. 49 50

Page 225 1 2 Subsistence Resource Commission. 3 MS. PATTON: Mr. Chair and Council. We 4 did not receive any further comments from the Fish and 5 Game ACs or the Subsistence Resource Commissions for 6 this proposal. 7 8 Thank you. 9 10 CHAIRMAN BROWER: Yeah, having said 11 that. Is Anaktuvuk still on the Subsistence Resource 12 Commission for Gates of the Arctic? 13 14 MS. PATTON: Mr. Chair and Council. 15 With the last -- the most recent appointment by the 16 Secretary of the Interior, there were several of our long term Council members who were not reappointed by 17 18 the Secretary of the Interior. 19 20 Yeah, I completely CHAIRMAN BROWER: 21 understand that. But I think that's a different 22 question. I'm just saying was -- is there an Anaktuvuk 23 representative on the Subsistence Resource Commission 24 that could provide a comment. 25 26 PATTON: Mr. Chair, MS. Esther 27 Hugo.... 28 29 MS. OKADA: Mr. Chair, this is Marcy 30 Okada. 31 32 MS. PATTON: Thank you. Marcy can 33 answer. So Esther Hugo was our representative. We don't currently have one on the Council right now. But 34 35 we still do have representatives from Anaktuvuk Pass on the SRC and Marcy can address that further. 36 37 38 Thank you. 39 40 CHAIRMAN BROWER: Thank you, Eva. 41 42 Marcy. 43 MS. OKADA: Mr. Chair, for the record 44 45 this is Marcy Okada, subsistence coordinator for Gates 46 of the Arctic. 47 48 And Esther Hugo is still on our Gates 49 of the Arctic Subsistence Resource Commission. She was 50

Page 226 appointed by the North Slope Fish and Game Advisory 1 2 Committee. So that was another avenue for her to be 3 appointed to the SRC. 4 5 And then we also have another seat for 6 Anaktuvuk Pass and that's filled with Jerry Survyanuk. 7 8 9 And then we also currently have a Secretary of Interior appointed alternate to the Gates 10 11 of the Arctic SRC from Anaktuvuk Pass. 12 13 CHAIRMAN BROWER: Yeah. Thank you, Marcy. And is this the appropriate Subsistence 14 15 Resource Commission that would have provided comments, but we just currently don't have comments from that 16 17 Commission? 18 19 MS. PATTON: Mr. Chair and Council. This proposal is outside of (indiscernible -20 21 simultaneous speech)..... 22 23 MS. OKADA: So our Subsistence Resource 24 Commission is scheduled to meet on November 13th and 25 14th in Fairbanks. And they will take up Federal subsistence proposals as well as Board of Game 26 27 proposals. But they would not be reviewing this 28 particular proposal because it's for unit 26C or 25A 29 which is outside of Gates of the Arctic. 30 31 CHAIRMAN BROWER: Thank you very much, Marcy. I mean, just information to be had. And I 32 33 appreciate both Eva and Marcy to enlighten us on that. 34 35 With that, I'm going to go down to 36 five, summary of written public comments. 37 38 MS. PATTON: Mr. Chair and Council. No 39 written public comments were submitted for this 40 proposal. 41 42 Thank you. 43 44 CHAIRMAN BROWER: Going down to item 45 six, public testimony. Do we have folks that want to provide public testimony? 46 47 48 MR. HOPSON: Mr. Chairman. 49 50

1 2 3	CHAIRMAN BROWER: I'm going to recognize Mr. Hopson from Utqiagvik.
4 5 6 7 8 9 10 11	MR. HOPSON: Thank you, Mr. Chairman. Not being from that area, but recognize they are subsistence hunters. And anywhere you go in the State of Alaska, Native, we're brothers and sisters. And I think when I see this, I think we should oppose to rescind the closure for that and recognize they are like us too, they need their resources.
12 13	Thank you, Mr. Chairman.
14 15 16 17 18 19 20 21 22 23 24	CHAIRMAN BROWER: Thank you, Mr. Hopson. Maybe a little bit of clarity. The request under general description on the regulation for 20-49 proposal, request to open the Arctic Village Sheep Management Area in unit 25A to the harvest of sheep by non-Federally-qualified users. And that's submitted by ADF&G. The only reason we are having to discuss this is the C&T provided to Kaktovik in the area which they say it's still a little bit far for them to be accessing this area.
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	But it generally in the past I think we look at these things when it's affecting our region, but not so much, we've deferred to the RAC in the area and what they're saying. And the RAC that's most affected has opposed it I think. And then we could defer to them if we wanted to make when it comes time to make a recommendation I suppose. And we're on the public testimony now. And that's generally been our practice when it's really not in our jurisdiction we just say well, we'll defer to the region most affected by this, the Eastern Interior RAC in this case I believe. And that way puts us in a not such a controversial position to say yay or nay on that, something like that.
40 41	Any other public testimony on WP 20-49?
42 43	(No comments)
44 45 46 47 48 49 50	CHAIRMAN BROWER: All right. And I before I move on to item seven I just want to remind I'm the Chair and I shouldn't be making the motions. I want to make sure that the Council entertain the motions. I'm just kind of like your the marshal kind of guy. And so I'm going to having gone

Page 228 through the gambit of the procedurals for any proposal, 1 what's the wish of the Council? 2 3 4 (No comments) 5 6 CHAIRMAN BROWER: At this point we need 7 to entertain a motion of some sort for WP 20-49. 8 9 (No comments) 10 11 CHAIRMAN BROWER: I mean, we can do 12 things like defer it to the most affected region. We 13 could say well, we're subsistence guys and we oppose it or there should be something. We can say yeah with 14 15 modifications, just like any other RAC. 16 17 MR. HOPSON: Mr. Chairman. 18 19 CHAIRMAN BROWER: So with that I'm 20 going to recognize Mr. Hopson from Barrow. 21 22 MR. HOPSON: Thank you, Mr. Chairman. 23 I'll make a motion to oppose to rescind closure, but leave it up to the tribe to do what they want. I'm not 24 25 too sure if the wording of the motion is correct, but 26 I'm open for corrections on that motion to oppose it, 27 to leave it to the region. 28 29 Thank you, Mr. Chairman. 30 31 CHAIRMAN BROWER: So there's a motion 32 on the floor and then maybe I would..... 33 34 MR. OOMITTUK: Second that motion. 35 36 CHAIRMAN BROWER: All right. There's 37 on a motion on the floor seconded by Tikiqaq to oppose WP 20-49 and defer to the -- and give deference to the 38 region. That would be the Eastern Interior Council. 39 40 It's been seconded by Tikigaq. 41 42 MR. OOMITTUK: Question. 43 44 CHAIRMAN BROWER: The question's been 45 called for. All those -- okay. I'm going to probably need some correction. I don't think we use the 46 47 Robert's Rules of Order to deny, but we -- and because you're supposed to motion to approve and then it dies 48 49 and it's -- if it's not supportable. 50

Page 229 MS. PATTON: Mr. Chair and Council. If 1 2 I may. Typ.... 3 4 MS. KENNER: Yeah, Mr. Chair, this is 5 Pippa Kenner. Was Eva about to talk? 6 7 MS. PATTON: You can go ahead, Pippa. 8 9 MS. KENNER: What I was going to point 10 out is that the cleanest way of doing it is to make in 11 this two motions. One would be to adopt and then if the Council wished to oppose it, you -- a Council 12 member wished to oppose it you'd vote no. Or you can 13 make a motion to defer to the home region. And then if 14 15 -- ves. 16 17 CHAIRMAN BROWER: So that was the 18 question I was going to have because I think we make 19 motions to adopt and then the question has been called 20 for, then you vote yay or nay. And then we can do a roll call vote in that sense if there is a 21 22 controversial section in that. 23 24 MR. OOMITTUK: Mr. Chair. 25 26 CHAIRMAN BROWER: Yeah, go ahead, 27 Steve. 28 29 MR. OOMITTUK: So we are voting on what 30 William proposed that we oppose. And then if we oppose 31 then we go to this proposal and then we can vote on it. 32 33 CHAIRMAN BROWER: Okay. All right. I think the question's been called for at this point. So 34 35 I'm trying to figure out how to phrase this. What's 36 the -- yeah, let's do.... 37 38 MS. KENNER: Mr. Chair, this is Pippa 39 again. 40 41 CHAIRMAN BROWER: Yeah, go ahead. 42 MS. KENNER: Maybe you can just clarify 43 44 what the intent of the motion was. It's not clear if 45 it was to oppose or to defer. 46 CHAIRMAN BROWER: Yeah. In my book I 47 48 think it was a motion to oppose WP 20-49 and give 49 deference to the Regional RAC, Eastern Interior RAC, 50

Page 230 which is in their region. 1 2 3 MS. KENNER: Then we would ask the 4 person who made the motion if they would accept the 5 amendment. 6 7 CHAIRMAN BROWER: Okay. So I -- if I 8 entertain a vote right now it'll be if you vote yes 9 it's going to be in opposition. If you vote no it means moving WP 20-49 forward is my understanding. 10 11 It's a little complicated here. When you make a motion to oppose, mostly it's motion to adopt then it gets 12 13 voted up or down. 14 15 So in this case.... 16 17 MS. PETRIVELLI: Mr. Chair. 18 19 CHAIRMAN BROWER: Pat, did you want to 20 add some clarification here at this point? 21 22 MS. PETRIVELLI: If I could, yeah. 23 This is Pat Petrivelli. And I guess because Pippa was trying to clarify your intent, but and you, Mr. Chair, 24 25 I think were trying to clarify that usually in Robert's 26 Rules you try not to make a motion to oppose because 27 then everyone gets confused. Like when you vote yes or 28 no, are you opposing or supporting. But technically if 29 you make all the motions in the positive like move to 30 support proposal 49 and then say but I oppose it, then 31 which would -- the motion maker did oppose it and the 32 seconder did oppose it also with that understanding, 33 then you -- that's what you were trying to clarify, 34 that in this motion you're taking a vote on this 35 proposal and a yes vote would mean that you support it 36 and a no vote means you oppose it. 37 38 So and that's the cleanest way to make a motion under Robert's Rules. If you keep saying that 39 40 I move to oppose it then you get confused because then 41 you say, yes, I oppose it and then it just -- it just 42 sounds funny to say, yes, I oppose it. 43 44 And then when you add the deference 45 that's just like way of information that you're 46 opposing it because you're deferring to the Council and they opposed the motion. So that was just a 47 48 clarification about the understanding of why you're 49 opposing it plus the reasons that Mr. Hopson supplied 50

before when he made his public testimony about 1 2 subsistence uses, continuing subsistence uses, without 3 conflicts from other users which this proposal would allow other users to hunt in their sheep management 4 area and have conflicts with the subsistence users in 5 6 the area. 7 8 But I think what you were trying to do, 9 Mr. Chair, was just to make sure that when people do vote that they would say, no, because they oppose it. 10 11 12 CHAIRMAN BROWER: And I think that 13 provides a little bit more mud though because when they 14 vote yes they're in agreement with the motion maker 15 that they opposed it. It's kind of confusing. 16 17 MR. MATHEWS: Mr. Chair. 18 19 CHAIRMAN BROWER: Vince, you want to 20 add some mud to that? 21 22 MR. MATHEWS: Mr. Chairman, being a 23 past coordinator the easiest way out of this to have a 24 clean record is to ask the mover of the motion and the 25 second if they're going to withdraw -- would be willing to withdraw their motion. Then if they withdraw it 26 27 then the motion would be to put it in the positive. 28 That way wherever this goes it's clear where the vote 29 went -- where the vote ended. 30 31 Thank you. 32 33 CHAIRMAN BROWER: Thank you, Vince. And that's what I was going to almost suggest, that the 34 35 seconder withdraw and the mover withdraw and then make 36 a motion in the positive. We move to adopt WP 20-49 37 and then we do the actual vote of up or down. 38 39 MR. HOPSON: Mr. Chairman. 40 41 CHAIRMAN BROWER: I need to go to the 42 seconder first I believe. 43 44 MR. OOMITTUK: Mr. Chair. 45 46 CHAIRMAN BROWER: Go ahead, Steve. 47 MR. OOMITTUK: Yeah, I -- you know, if 48 49 we want to go in that -- I think I will rescind my 50

Page 232 second and if William rescinds his motion then we can 1 2 vote on it. 3 4 CHAIRMAN BROWER: We've been -- the 5 seconder has been -- has removed his second to the motion to allow for redirecting in the positive for the 6 7 motion. 8 9 MR. HOPSON: Mr. Chairman. 10 11 CHAIRMAN BROWER: Go ahead, Mr. Hopson. 12 13 MR. HOPSON: Mr. Chairman, I'll rescind 14 the motion I made to oppose WP 20-49. And I thank you 15 folks for the clarification. 16 17 Thank you. 18 19 CHAIRMAN BROWER: Thank you, Mr. Hopson. We need a motion on the floor for WP-20-49. 20 21 2.2 MR. OOMITTUK: So moved, Mr. Chair. 23 24 CHAIRMAN BROWER: There's a motion on 25 the floor to adopt WP 20-49. 26 27 MR. HOPSON: Second the motion, Mr. 28 Chairman. 29 30 CHAIRMAN BROWER: It's been seconded. 31 32 MR. OOMITTUK: Under discussion. 33 34 CHAIRMAN BROWER: Under -- we're under 35 discussion. 36 37 MR. OOMITTUK: Can we have a roll call 38 vote. 39 40 CHAIRMAN BROWER: Madame Coordinator, if we can have a roll call vote on WP 20-49. 41 42 43 MS. PATTON: Mr. Chair and Council. Thank you for the motion. Again this is a motion in 44 45 the positive so a vote yes would be to support WP 49, a vote no would essentially motion fails then and this 46 47 proposal would not be adopted. 48 49 So we'll go William Hopson. So a vote 50

Page 233 no would be opposed to this proposal. 1 2 3 MR. HOPSON: Thank you. I'll vote no. 4 5 MS. PATTON: Wanda Kippi, Atqasuk. 6 7 MS. KIPPI: No. 8 9 MS. PATTON: Steve Oomittuk, Point 10 Hope. 11 12 MR. OOMITTUK: No. 13 14 MS. PATTON: Edward Rexford, Kaktovik. 15 Are you still on teleconference? 16 17 MR. REXFORD: No. 18 19 MS. PATTON: I'm sorry, Edward, could 20 you please repeat your vote? 21 22 MR. REXFORD: I voted no too. 23 24 MS. PATTON: Okay. Thank you. And 25 Chair Gordon Brower? 26 27 CHAIRMAN BROWER: I vote no. 28 29 MS. PATTON: We have five nos, one 30 absent. Motion fails. 31 32 CHAIRMAN BROWER: Thank you, Madame Coordinator. And we'll leave it at that. The North 33 34 Slope Council did not pass and effectively opposing I believe WP 20-49 and deferring to the Eastern Interior 35 36 Council, to their region. 37 38 Madame Coordinator, where are we on the 39 agenda now? 40 41 MS. PATTON: Mr. Chair and Council. 42 There is one final Federal subsistence proposal, it's a 43 statewide proposal. So essentially a proposal that was submitted that if it went into effect would affect all 44 45 areas of Alaska. And you'll see that under statewide proposals, WP 20-08. And that begins on 130 of your 46 meeting book. And this is addressing the marking of 47 48 snares and traps. 49 50

Page 234 1 And Tom Evans will be providing the 2 analysis for that. 3 4 Thank you. 5 6 CHAIRMAN BROWER: Yeah, go ahead, Tom, 7 for WP 20-08. 8 9 MR. EVANS: Thank you, Mr. Chair, 10 members of the Council. Again for the record my name's 11 Tom Evans and I work with OSM. 12 13 As Eva mentioned this proposal starts The wildlife proposal was submitted by 14 on page 130. 15 the East Prince of Wales Advisory Committee and requests implementing a statewide requirement that 16 17 traps and snares be marked with either a trapper's name 18 or a State identification number. The proponent 19 believes that the current regulations do not provide accountability if a trapper leaves a trap set after the 20 21 season's closed or uses illegal bait. The proponent 22 states that requiring trap identification would make 23 law enforcement easier and help reduce illegal trapping 24 practices. 25 26 The Alaska Board of Game adopted a trap 27 marking requirement for units 1 to 5 in 2006. Federal 28 regulations followed suit. In 2012 trap identification 29 was required in Southeast Alaska because Wildlife Troopers, Department of Fish and Game and the public 30 31 all agreed that marking traps in an effort to reduce illegal trapping practices and incidental take. In 32 33 2014 the Federal Subsistence Board rejected proposal WP 34 14-01 which requested requiring trapper identification 35 tags statewide and was opposed -- and this was opposed 36 by all 10 Councils. In 2016 the Board of Game removed 37 the trap identification requirement for Southeast 38 Alaska because the requirement was not actuallv preventing illegal trapping or incidental take. 39 In 40 2018 Federal regulations followed suit. 41 42 This proposal is not expected to have 43 any affect on wildlife populations and would not 44 prevent illegal trapping activity or incidental take by -- of pets or non-targeted wildlife. It could be 45 46 benefit law enforcement although users could just trap 47 under State regulations on Federal public lands to 48 avoid this requirement. 49 50

Page 235 This requirement would substantially 1 2 burden Federally-qualified subsistence users who would 3 need to spend time and money marking all their traps. Misalignment between State and Federal regulations 4 5 would also create user confusion. 6 7 OSM's preliminary conclusion is to 8 oppose WP 20-08. 9 10 Thank you, Mr. Chair. Open up for 11 questions. 12 13 CHAIRMAN BROWER: Thank you, Tom. Any 14 questions for Tom on WP 20-08 from the Council? 15 16 (No comments) 17 18 CHAIRMAN BROWER: And this was 19 submitted by East Prince of Wales Advisory Committee. 20 21 You know, I've been trapping pretty 22 near all my life too and doing things. And I always 23 have an area. But there were certain things that were 24 happening in recent times that I could recall that, you 25 know, people putting traps too close to town and local 26 pets, you know, were getting into those things and 27 killing people's pets. And there was some concerns 28 about whose traps these are, nobody wanted to pony up to talk about, you know, somebody put this trap there 29 30 and a dog accidently, they're taking him for a run, 31 gets into these things. And then it's too late. And some of these traps kill you outright, you know, like 32 33 the Conibear Traps and stuff. 34 35 And anyway I'm just saying that there's 36 a -- I don't know what's driving it, if it's things 37 like that. And most people when they got traplines they're -- they have an area and people kind of know 38 39 that. 40 41 Anyway I just thought I'd just make those kind of points. And I'm not -- I don't know what 42 the underlying reason to start marking all traps, if 43 44 it's an enforcement thing or other things like that. 45 46 So any other questions to -- on the 47 proposal? 48 49 MR. OOMITTUK: Mr. Chair. 50

Page 236 CHAIRMAN BROWER: Go ahead, Steve, from 1 2 Tikiqaq. 3 4 MR. OOMITTUK: Yes. Yeah, I agree with 5 Gordon too, you know, people know where they set their 6 traps. But there are people nowadays, you know, that set traps within proximity of the city limits because 7 8 foxes do come into our area and there are loose dogs 9 out there. 10 11 But, you know, everything is posted on 12 Facebook nowadays at -- you know, but not everybody 13 uses Facebook. 14 15 But, you know, having identification 16 number, you know, you hear stories now about people checking other people's traps, you know. But, you 17 18 know, all our lives family members have always set 19 traps in certain areas, but outside of the city limits out in the country. And nowadays were getting more and 20 more animals within our proximity of the city limits, 21 22 rabid foxes, foxes coming into the community. And some 23 the younger people are putting traps around their of property area. I don't know if that's going to -- you 24 25 know, I don't know, they're putting them other places out around their skin boats where they dry their skins, 26 you know. But, you know, it's coming from East Prince 27 of Wales. 28 29 30 But thank you, that's all. 31 32 CHAIRMAN BROWER: Yeah, and it is a 33 statewide proposal, I mean, it affected -- probably 34 every RAC is taking this up to -- throughout the State. 35 You know, even if we opposed it and it passed, right, it would still become law to do that or would it exempt 36 37 the North Slope RAC from adhering to the law? 38 39 MR. EVANS: So if the Board passed it 40 it would become law for the entire State. But the 41 Board in -- the Board usually goes with deference to the Councils. So if the Councils generally opposed it 42 43 then the Board would probably follow suit. 44 45 CHAIRMAN BROWER: Okay. Just for 46 semantics purposes, okay, let's say that 60 percent of 47 the RACs supported it and we happened to be in the 48 minority and say that we're -- we opposed it. And then 49 the Federal Board of Game adopts it. Now it will be 50

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Page 237 enforced in our area regardless if we opposed it or 1 not. That's what I was getting at. 2 3 4 MR. EVANS: Correct. 5 6 CHAIRMAN BROWER: So it is a statewide 7 proposal. Regardless it just -- you know, the Federal 8 Board of Game would decide on it based on deference to 9 Regional Advisory Councils. 10 11 Any other questions to Tom on the 12 proposal? 13 14 MR. HOPSON: Mr. Chairman. 15 16 CHAIRMAN BROWER: Yeah, go ahead, Mr. 17 Hopson from Barrow. 18 19 MR. HOPSON: Thank you, Mr. Chairman. 20 My question is and you look at the proposal was it 21 marked with a name or State identification number. 22 Would those ID cards, tags -- my question is and I've 23 been a trapper for a long time, that was my living long And a person can have 300 traps. And if the 24 ago. 25 little tag or permit is being sold for a person with 26 300 traps and if they're not given to them, if they're 27 sold at \$10 apiece that's something a trapper cannot 28 afford. And I'm just saying is this a monetary issue 29 for the trapper. 30 31 Thank you, Mr. Chairman. 32 33 MR. EVANS: So I don't think -- I don't 34 know -- I don't think that they would be sold, there 35 may be a number involved if they do it that way. I think you would just mark your traps. But there would 36 37 be a monetary burden on the trapper because they would have to develop whatever tags they put on the trap then 38 39 and I'd imagine there'd be certain information like 40 your name and your hunting license or something --41 trapping license or something like that identifies you 42 that way. So, yes, there would be some financial 43 burden to the trappers. 44 45 MR. HOPSON: Thank you, Tom. That 46 answers my question. 47 48 CHAIRMAN BROWER: Any other questions 49 on the proposal before we go down the -- past the 50

Page 238 analysis portion? 1 2 3 4 (No comments) 5 CHAIRMAN BROWER: Hearing none, I'm 6 going to go on to item two, report on the Board's --7 the consultation with tribes and ANILCA corporation. 8 9 I'm going to ask Orville to come down. 10 11 MR. LIND: (In Native), Mr. Chairman, Board members. During the consultation we had no 12 comments or requests on this proposal. 13 14 15 Thank you, Mr. Chairman. 16 17 CHAIRMAN BROWER: Thank you, Orville. 18 Item three, agency comments. 19 20 I'm going to go down to ADF&G. 21 22 MR. BURCH: Hello, Mr. Chair. This is 23 Mark Burch with the Department of Fish and Game. 24 25 CHAIRMAN BROWER: Go ahead, Mark. 26 27 MR. BURCH: We would acknowledge that 28 Federally-qualified users could trap under State 29 regulations if this were to pass and then they would 30 not need to mark their traps. That is to the extent 31 that State and Federal regulations match. And because 32 there would be no biological affect of this regulation 33 we're neutral on it. 34 35 Thank you. 36 37 CHAIRMAN BROWER: Thank you, Mark. And 38 those were comments from ADF&G. 39 40 Any Federal agency comments? And we do 41 have Steve and we do have Vince. And I'm not sure if 42 we've got BLM folks here right now. 43 MS. PATTON: Mr. Chair and Council. We 44 45 didn't receive any Federal agency comments, don't have 46 any here today or anyone on teleconference, Federal agency comments on this proposal. 47 48 49 CHAIRMAN BROWER: Thank you, Eva. And 50

Page 239 1 let's see where we are here. Native, tribal and 2 village and other. 3 4 Native tribes. Do we have any comments 5 from tribes? 6 7 We have looks like Jack Schaefer from 8 Native Village of Point Hope. 9 10 MR. SCHAEFER: Thank you. Our Wildlife 11 office hasn't had anyone there for a few months now. I don't know if there was any consultation or any 12 communication with the Native Village of Point Hope on 13 14 this. With that said, you know, I -- you know, we kind 15 of don't really have a position other than saying that, you know, that process still needs to be done and that 16 17 communication needs to be done with the Native Village 18 of Point Hope. 19 20 We have always marked our traps or --21 you know, with our family mark and our equipment with 22 our family mark in case we drop it somewhere or we come 23 across it and we could see. 24 25 One of the questions that I have that I 26 don't really have any real clarity on, I don't have too 27 much experience in wildlife, is the practice and 28 location. There's corporate lands, there's Native allotments. We have 105 Native allotment parcels, we 29 have 100 -- I mean, we have 27 missing applications for 30 31 Native allotments that are -- should have been through families that didn't do it because they were playing 32 pool and had no faith in what was going on in regards 33 34 to rights back then. And so, you know, I don't really 35 know as to how that works in dealing with tribal lands, 36 whether they're acquired by the tribe by itself or 37 acquired or given from the ANSCA corporation or lands 38 that the tribes has in a agreement or contract within a 39 Refuge within their boundary. 40 41 The Native Village of Point Hope has 42 two wildlife parcels at Cape Lisburne and at Cape 43 Thomson, the Alaska National Wildlife Refuge, Maritime 44 Wildlife Refuge. And so, you know, because we have the 45 right to perform governmental functions in the same way 46 the Federal government, you know, we have that as 47 interest and that doesn't go away in dealing with 48 managing of our Refuges, in regards to wildlife 49 functions as a governmental function. And so, you 50

know, at first, you know, we don't know too much about 1 the history in regards here, looks like it's been 2 3 discussed for sometime. And, but we do oppose 4 additional restrictions especially if we can't afford to pay for the strip that has that barcode which will 5 6 probably be. 7 8 And so I'm not really sure as to -- you 9 know, and we do need to have some type of discussion and I don't know if we had any feedback in regards to 10 the users, the ones that are trapping now. 11 12 13 My experience is that my grandmother 14 had five traps out by Nuvuk. And they were (in 15 Native). And I was eight years old when she first 16 showed me them and how to kill that (in Native). And next day she say go and check those traps and I get 17 18 ready. And I look at her, she wasn't doing anything. 19 And I say how come you won't follow, how come you won't show me. I show you already. And so was obligated. 20 And did that, that was my duty at that time. We had 21 22 real hardship, we don't know how money come around. 23 You know, it's amazing how we survived back in those 24 days in the '60s. 25 26 And but now that we have this recognition of governmental functions and that we have 27 28 these programs that we're competing for. As a tribe, you know, we've always fought for tribal rights, 29 government to government and always thought that we 30 were higher than the State and we keep running into 31 32 this thing where there's competition with the State. And, oh, man, they got a big club. And so, you know, 33 34 we're competing. And but we have that obligation and I 35 don't know exactly how we're impacted other than saying that we mark our own and I feel it's undue additional 36 37 work that isn't necessary. 38 39 Thank you. 40 41 CHAIRMAN BROWER: (In Native), Jack, 42 Native Village of Point Hope. 43 44 Any other tribal comments, village 45 comments, or any other comments? 46 47 MR. OOMITTUK: Mr. Chair. 48 49 CHAIRMAN BROWER: Steve. 50

MR. OOMITTUK: Yeah. You know, what 1 Jack said, you know, family members, whaling captains 2 3 always have their own marking on their harpoons or tools, whatever. It's just been passed from generation 4 to generation. And then they have their markings on 5 6 some traps too, you know. And like he said it's..... 7 CHAIRMAN BROWER: (In Native), Steve. 8 9 And, you know, we do mark stuff, you know, when we're hunting so it -- we know that's ours. And they even 10 11 had tribal court on ice over equipment and whales and 12 you could actually catch a whale with just your mark. 13 And they actually had court on the ice to see whose whale that was because of a mark. And I remember those 14 15 things and they -- because we were one of those where 16 we had to take all of our muktuk out of our (in Native) 17 and go put it in somebody else's (in Native) because 18 the tribal council made a determination on the ice when 19 they had a court on the ice. That mark -- that equipment was in that whale first than what yours was. 20 21 And that -- it meant a very -- you know, it's a very 22 big deal to have an (in Native) and then that's how 23 come they even had to have court in them back days when 24 there was a question on a whale because I remember 25 that. 26 27 Anyway I'm going to recognize -- is 28 that Leonard? 29 30 MR. BARGER: Hi. My name is Leonard 31 Barger for the record and I'm on the Fish and Game 32 Management Committee with the North Slope Borough. And 33 my term is up. We'll probably find out probably this 34 Friday or next week on a new member. But I'm -- I see 35 your agenda on there and I know William's on the 36 Committee there and Wanda's on the Committee. 37 38 So I know we've got this issue with the polar bears. I know everybody's talking about caribou, 39 40 whales and stuff. And a lot of elders here, I know Steve knows that, you know, polar bears are really vital to the community. And, you know, they're trying 41 42 43 to put a quota on polar bears. And, you know, that's 44 going to really hurt some elders here in Point Hope. You know, that -- that's what they like, polar bear 45 46 meat. And for putting a quota that's totally wrong. 47 You know, they're saying, you know, polar bears are going down. We saw a whole bunch of polar bears these 48 49 past three, four years here in Point Hope. And if you 50

1 2 3 4 5	look at the Nanook Commission that you know, Point Hope gets the most polar bears and North Slope and anywhere combined to like four or five communities. And we depend on that, you know.
6 7 8 9 10 11 12 13 14	And, you know, some elders, Semore, Claudia, they would call me and say hey, go get me polar bear meat. I would go out there and spend days just to get a polar bear, you know, for them. And, you know, they've passed on, but now we've got new elders and, you know, they like that polar bear. I know Steve likes it and all these elders now, they like that polar bear.
14 15 16 17 18 19 20 21 22 23 24 25	And, you know, on your agenda I don't see nothing Jack was telling you oh, they don't this you know, we have Fish and Game here, they put rules and regulations in our communities. You know, elders here, you know, back then, you know, when Semore, he would say go get me some caribou. I told him oh, I have to get my license first. You don't need license. I said I don't want to get in trouble. I'll get in trouble for you. And, you know, those kind of things. It hurts.
26 27 28 29 30 31 32 33 34 35 36 37 38	You know, I'm finally bringing it up and I always talk about my elders in our Fish and Game Management, you know, bring in a lot of these elders. We learn from them. We learn. They passed down like you guys always say, we learn from our elders. You know, when those elders were alive, Henry Nashabuk, Eliza Rok or Eliza Tengonna, sorry, and Semore Tezrolic, all those guys, you know, I would go out hunting with them. You know, I would be on the north side there, Henry Nashabuk would go see more. He know where I would be and he would tell me all the time watch, when we're all gone you guys are going to have a hard time. Sure enough it is. Sure enough.
39 40 41 42 43 44 45 46 47	You know, whaling time is getting hard. I know look at now like I know Gordon, you know, brought up that, you know, global warming's hitting. You know, our (in Native) are really melting. And I think, you know, that North Slope Borough and whoever donated those connexes were, you know, freezing up our muktuk.
48 49 50	You know, I moved here in Point Hope in '96, but my real dad's from here, Wilford Lee, you
know. And he's always telling me respect your elders. 1 2 Give to the elders. And I've done that. And I've 3 learned that from my great, great-grandpa in Noatak. Every time we catch a whale, half of my share goes to 4 5 Kotzebue Senior Center, the elders. Every time. 6 They're always happy. I go to Kotzebue, go visit them. 7 I know Laura, she just passed away about a month ago 8 and, you know, I would go visit them, you know, at the 9 elders' house. You know, it's -- you know, their regulations have to be cooked. But I would sneak, you 10 11 know, because she's from Point Hope, she liked that raw 12 muktuk, you know, the aged one. I would bring it over to her and I would sneak it to her. And those elders 13 would grab my hand and pray. I just -- I'd ask them 14 15 pray for the whalers, that's all they want, they're hunting for you guys. Pray for them, that's all they 16 want. And every time, April, May, they always -- every 17 18 Sunday at the elders, the lady over there that works, 19 she's always saying they're always praying for those 20 people that are whaling, all over the North Slope, 21 anywhere that are whaling for their -- for their food. 22 23 And, you know, now -- but I just want 24 to bring this up, you know, the polar bear thing, it's 25 just -- you know, I don't know when they're going to 26 have their quota for the polar bears, but, you know, 27 it's -- you know, if you look at it, I mean, it's very 28 vital for our community and the villages. You know, I 29 know it's -- I went -- you know, I went to Canada, now 30 they've stopped hunting, you know, for people, guides 31 and stuff. Now they stopped that. I'm glad they 32 stopped, you know, people from here go to Canada and 33 going polar -- that's what they used to do long ago 34 back then, but now they stopped it. I'm glad. 35 36 But, yeah, I'd just like to say, thank 37 you and, you know, on this -- like I said I haven't 38 seen nothing on the polar bear issues, but I know 39 here's Fish and Game here -- is here. But, you know, 40 they put all those regulations for us. And, you know, 41 we grew up -- I know Gordon, you know, all of you guys right here, you know, that's our livelihood, that's our 42 43 food. And like Steve always say every -- I love it 44 when he said that's our garden everywhere, our garden's 45 in our land. But we have to struggle and fight because 46 Fish and Game is putting rules on it. 47 48 You know, I went to DC a few years ago 49 and, you know, I talked to some tribes and stuff and, 50

you know, I went to Navajo and they -- you know, I 1 2 talked to them. I say, hey, they rather hear it from 3 the people, the Natives, not those politicians. Not --I'm saying too, you know, politician, I'm calling the 4 5 Fish and Wild -- you know, Wildlife people. You guys 6 are not living in our communities. I'm just saying that, you know, you guys aren't living in our 7 8 communities. You know, we live off our food, our fish, 9 our whale, every single animal out there that provides for us. And I know some of you guys eat our food, I'm 10 happy for that, but, you know, we live on -- live on 11 We don't go to the store, you go to the store 12 it. 13 nowadays, you know, a bag of reindeer meat costs almost 14 60 bucks. 15 16 We used to -- Semore, I bugged him how 17 many times, I say, Semore, write a book. He finally 18 wrote a book about when he was growing up. And I told 19 William and Wanda in our -- in our community and I 20 said, you know, I'm going to bug Steve too. Steve, you know, you got a good history of telling Point Hope, 21 22 write a book, let your grandkids see it, you know, 23 before you pass away. Anyone of you guys, do it. You know, you -- you know, that book will really encourage 24 25 their kids. You know, it's -- you know, oh, that's my 26 grandpa, you know. Lord willing I'm -- you know, you guys don't pass on right away, but I'm just saying 27 28 write that book, you know, for your kids. And they'll 29 look at it and they'll say oh, he did that and, you know, he was on this talk -- you know, talking with the 30 31 Fish and Wildlife. You know, when we're gone, you know, Fish and Game is going to keep on putting 32 33 regulations on our communities. And, you know, we're 34 going to still fight and get these resolutions and all 35 that stuff. 36 37 So, you know, I was happy these kids were here today. You know, they're going to be up 38 39 there, you know, you guys' communities. We've got to encourage our kids, younger generation. 40 41 42 And thank you very much for this time. 43 44 CHAIRMAN BROWER: (In Native), Leonard. 45 And, you know, there's opportunities here, whether 46 there's -- it's not on the agenda we can listen and we 47 can -- and this is being recorded and it'll be in 48 minutes. And also the Native liaison that's here's got 49 the biggest ears in my view. And that's important 50

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Page 245 because things like nanuq which is a marine --1 2 · considered to be a marine mammal, right, might be under 3 another management scheme. But it's important because 4 it's a subsistence resource. And we're Regional Subsistence Advisory and it's important to make that 5 connection that way regardless of another management 6 7 division of the Federal arm is taking care of that, it shouldn't exclude them from at least making some level 8 9 of presence and report to the Subsistence Councils. 10 11 MR. SCHAEFER: Who is.... 12 13 CHAIRMAN BROWER: Jack, I didn't 14 exactly.... 15 16 MR. BARGER: He was asking who is..... 17 18 MR. EVANS: Responsible. 19 20 MR. BARGER: ....responsible. 21 CHAIRMAN BROWER: I would think that 22 23 would be NOAA maybe or the Nanook Commission or one of 24 those things. 25 26 MR. EVANS: If.... 27 28 MR. HOPSON: Mr. Chairman. 29 30 MR. EVANS: .....it would be -- Mr. 31 Chair, it would be the Fish and Wildlife Service, 32 Marine Mammals Management. They deal with the marine 33 mammals, polar bears, walruses and sea otters in the 34 State. So they're the ones that are responsible for 35 those regulations. And it falls under the Marine 36 Mammal Protection Act. 37 38 CHAIRMAN BROWER: And that's what I thought. I didn't know exactly which Federal arm. It 39 40 sounds like you got it from there. 41 42 And I'll recognize Mr. Hopson from 43 Utgiagvik. 44 45 MR. HOPSON: Thank you, Mr. Chairman. I know we have an agenda to follow, but I want to put 46 Leonard's mind at ease. I am with the newly formed 47 Alaska Nanook Commission just recently. To let you 48 49 know that.... 50

Page 246 MR. BARGER: Okay. 1 2 3 MR. HOPSON: ....the quota has come up 4 from 57 to 85. If that'll kind of ease your mind on 5 where we are on that. 6 7 And I thank you for the minute, Mr. 8 Chairman. 9 10 CHAIRMAN BROWER: (In Native), Mr. 11 Hopson. And I believe they're poised to meet here in 12 the next week or two. So anyway -- I don't know, 13 somebody \_\_ she's waving around real quick. 14 Anyway.... 15 16 MS. PATTON: Mr. Chair and Council. Thank you, William, for bringing that to the attention 17 18 here. And Gordon is right, the Nanook Commission will 19 be meeting actually next week in Nome. And in addition 20 to William our Council member, Edward Rexford from 21 Kaktovik is also serving on that Commission and will be 22 at that meeting as well. And so maybe I can check back 23 in with William and Edward and see if there's a way, if they can call in to that Nanook Commission meeting or 24 25 get information back to you on the discussions held 26 there. 27 28 Thank you. 29 30 MR. BARGER: Okay. So, yeah, I know 31 you mentioned William and Edward that, you know, it would be nice to have somebody from Point Hope on the 32 33 Committee too because, you know, it's pretty vital on 34 that. 35 36 And also I'd like to bring up too that 37 I heard that they're going to put some quota on the 38 oogruks, the bearded seals. So, you know, that's what I've been hearing. I mean, that's our -- you know, 39 40 another issue. You know, I heard -- I've heard it in 41 Kotzebue and stuff and, you know, and that's for our 42 skin boats. You know, that's another thing I wanted to 43 bring up. So, you know, these kind of things, you 44 know, we got to hear that, you know, Fish and Game is trying to do and, you know, all these animals that we 45 46 live on. 47 48 So just giving you a heads up on it and 49 giving you things, you know. So, yeah. 50

Page 247 CHAIRMAN BROWER: (In Native). 1 2 3 4 MR. OOMITTUK: Mr. Chair. 5 CHAIRMAN BROWER: And I'm going to 6 recognize Steve Oomittuk from Tikigag. 7 8 MR. OOMITTUK: Yeah. Thank you, 9 You know, we are the North Slope Borough Leonard. Regional Subsistence Advisory Council and one of the 10 things that really surprised me that we have no 11 12 jurisdiction in the ocean even though it is the North 13 Slope Borough subsistence on marine mammals. Even 14 though we have concerns we can bring them out. But 15 like you said there's a Nanook Commission, there's a Walrus Commission, AWC, and they are the ones that, you 16 know, who we have to abide by. We have no say so even 17 18 though we are a Subsistence Advisory Council, we --19 within the North Slope. 20 21 But, you know, when I came on this 22 Council a couple years ago it really surprised me about 23 our jurisdiction area. And, you know, subsistence hunting in the coastal communities include our ocean. 24 25 We have a lot of concerns with our marine mammals. 26 27 But thank you. 28 29 CHAIRMAN BROWER: Thank you, Steve. 30 31 MR. SCHAEFER: Mr. Chair. 32 33 CHAIRMAN BROWER: I'll recognize Jack 34 Schaefer. 35 36 MR. SCHAEFER: Since the issue came up, I was appointed as alternate for this Nanook Commission 37 38 -- Council that was a successor of the Nanook Commission that was -- that went belly up for a case of 39 40 misspending funds. We were arguing the legitimacy of 41 the quota and the history in regards to the quota. And we asked for explanation because we're pushed and have 42 43 all this feedback of opposition. And so we have to explain what happened. And they explained to us that this person, Charlie Johnson, felt for the Native 44 45 people in Russia, can't hunt polar bear. So let's have 46 47 an agreement, a treaty, United States and Russia, and help them. And that mentality went for years. And 48 49 then they had this treaty to have harvest and quota. 50

But what's interesting about this is 1 2 that the Endangered Species Act and how they came to 3 that. We argued about the authenticity, the legitimacy 4 in the population where there's something like 15 areas 5 within the Arctic Circle that are separated and have their own population data established. Most of them if 6 not all of them are blank because they don't have the 7 8 data. They had a time talking about us in the Arctic, 9 how the (in Native) from Barrow, from Canada, from Barrow, down south. Chukchi Sea. 10 11 12 And so we argue about the legitimacy, 13 the -- verifying or proving that the polar bear is endangered when the data didn't support it. Even on an 14 15 international level. And we try to argue about that 16 because the Marine Mammal Protection Act allowed us for 17 subsistence. But once a treaty took place 18 internationally it killed that Act and so we no longer 19 had subsistence priority. 20 21 And, you know, there was this organization that was established that failed. And 22 23 then the U.S. Fish and Wildlife Service was fast 24 tracking to get a successor established, that took two 25 years despite, you know, the feelings of the users, of the subsistence people that have undue hardship below 26 27 us, for the south of us, Point Hope. And so we've been 28 forced into this without the justification and also 29 knowing that there are changes that are being made in the Endangered Species Act as we speak. And we have 30 31 not received information in regards to what those 32 changes are. And we ask about it, they finally admitted it about four months ago or something like 33 34 that, or six months ago, that the Endangered Species Act was being changed. And we as Federally recognized 35 tribes that are directly affected by a Federal decision 36 37 have to have that consultation and that didn't really 38 take place. 39 40 And so here we are. And I don't know 41 if it's the National Marine Fisheries Service or the U.S. Fish and Wildlife Service that -- that's why I 42 43 asked, you know, who had responsibility for that in 44 regards to incidental takes that place with industry. 45 46 Anyway we really felt confident that 47 this was something that was pushed upon us that did not 48 hold weight, but yet it flew. They show these 49 documents with the map and the 15 different areas of 50

polar bears, you know, what they call them, stock, or 1 something like that even though they may not be 2 3 separated like killer whale or something like that or beluga. And so I don't know where things are in 4 regards to that, but I had to bring it out since it was 5 6 brought out. This is our knowledge so far, we fought for our subsistence rights under the Marine Mammal 7 8 Protection Act, felt that the thing was not legitimate because Russia has not ever, ever let the Inupiaq over 9 10 there catch and the only time they kill polar bears is when they go into the village and they don't discuss 11 12 anything beyond that point. They talk about saying 13 that we're willing to work with you, but they never 14 follow through in regards to enforcement. And if one 15 side doesn't work with the treaty then the treaty is no 16 good. And we brought that also. And this has been 17 going on for years. 18 19 And you know, Charlie Johnson passed on 20 a few years, he's from Nome area by the way. And so 21 it's hard for us, it's hard for me to answer his 22 concern in regard to polar bear because we really don't 23 have an answer. And it's an interesting scenario and 24 yet we have this green book and budget justification 25 and projects that are given to tribes elsewhere in the United States to deal with management and wildlife 26 27 project. And nanuq issue was a project that was 28 separate and a different line item under the green book 29 process. And we brought that out also, mentioned it in one sentence in such because we're such a minority and 30 31 don't have that much power per se. 32 33 Anyway you're updated. And that's the 34 situation that we're faced with in regards to the polar 35 bear and those line items with the U.S. Fish and Wildlife Service that gets funding. They have -- we 36 37 had to establish these things in order for the U.S. 38 Fish and Wildlife Service to receive a certain amount 39 of money separate from their existing, but it was under 40 the polar bear. 41 42 Is that -- did I -- am I consensus --43 consistent? 44 45 (No comments) 46 47 MR. SCHAEFER: Okay. Anyway, Leonard, I hope that answers your question. It was a very tough 48 49 thing. We're meeting next week. Oh, my god, Nome. 50

Page 250 But I continue to say that. Even though I'm an 1 alternate. The primary has been going under, you know, 2 cancer treatment and hasn't been able to, but is 3 4 hardcore. These kids are trappers and hardcore 5 subsistence. 6 7 And one time they give me polar bear 8 meat and I cook it, real proud of my son he gobbled it 9 all up and then half an hour later look at me, oh, man, 10 I feel real wild. 11 12 (Laughter) 13 14 MR. SCHAEFER: Thank you. 15 16 CHAIRMAN BROWER: (In Native), Jack. 17 18 MR. HOPSON: Mr. Chairman. 19 20 CHAIRMAN BROWER: Yeah, go ahead, 21 William. 22 23 MR. HOPSON: Can we get back on the 24 agenda here and we are getting a little hungry or ready 25 for a short lunch break. 26 27 CHAIRMAN BROWER: Yeah. That's good. 28 And I appreciate the comments from Jack and Leonard on 29 the polar bear and giving tribal entities to be able to 30 do that. 31 32 So we are now on I think Subsistence 33 Resource Commissions. 34 35 MS. PATTON: Mr. Chair and Council. 36 Correct. We're down to number 4, the advisory group 37 comments. 38 39 CHAIRMAN BROWER: Uh-huh. 40 41 MS. PATTON: We had several other 42 Federal Subsistence Regional Advisory Councils, other 43 RACs that met earlier that did take action on this 44 proposal. All that have met so far have opposed it. 45 So we had the Eastern Interior RAC oppose WP 20-08, 46 Western Interior RAC opposed WP 20-08 and the Southcentral RAC opposed WP 20-08. Other Councils are 47 still meeting this week and in the following week. So 48 49 those three that have met and provided their comments 50

Page 251 so far all oppose this proposal. 1 2 3 Under the Fish and Game Advisory 4 Committees there was a advisory committee from the 5 Southeast Alaska region, the Ketchikan Advisory 6 Committee, had met and they also voted to oppose this 7 proposal citing burdensome measures for local hunters and trappers. 8 9 10 And we did not receive any comments 11 from the SRCs specifically regarding this proposal that 12 have met yet so far. 13 14 Thank you. 15 16 CHAIRMAN BROWER: Thank you, Eva, for 17 providing those updates on Regional Council and Fish 18 and Game Advisory Committees and Subsistence Resource 19 Commissions on those types of comments for WP 20-08, requesting implementing a statewide requirement that 20 21 traps and snares be marked with either the trapper's 22 name or State identification number that was submitted 23 by the East Prince of Wales Advisory Committee. 24 25 With that, I'm going to go down to 26 public -- summary of written public summary of 27 comments. 28 29 MS. PATTON: Mr. Chair and Council. 30 There were two comment letters submitted regarding this 31 proposal. One comment letter was in support of marking the traps and this was local around the area, citing 32 similar challenges with pets getting into traps. 33 The 34 other comment letter opposed the proposal citing unnecessary burden to hunters and trappers throughout 35 36 the State. 37 38 Thank you, Mr. Chair. 39 CHAIRMAN BROWER: Thank you. So there 40 41 was two comments received, one for, one against. 42 43 I'm going to move right along down to 44 public testimony. The floor is open to provide public testimony on WP 20-08. And that is request for 45 implementing statewide requirement that traps and 46 47 snares be marked with either the trappers name or State 48 identification number. 49 50

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Page 252 Do we have any public testimony. The 1 2 floor's open. 3 4 (No comments) 5 6 CHAIRMAN BROWER: This is on the proposal that was submitted by East Prince of Wales 7 8 Advisory Committee. So far most of everybody has 9 opposed it. And their proposal is to -- for all 10 trappers, they should be marking their traps with their 11 name and State identification number. That's the proposal. If the proposal passes by the Federal Board --12 13 Federal Subsistence Board then the requirement will be the law of the land within all regions of these RACs. 14 15 16 So we've got at least I think every advisory committee and every Regional Advisory Council 17 18 so far that have made comments in opposition to that. 19 We recognize your comments were, yeah, families do mark them on their own and I think that's important. We 20 mark our own (in Native), but not sure if it should 21 22 just be a mandated requirement that -- including 23 gettinga State identification numberand that kind of --24 I don't know if there's a monetary concern there with 25 a State identification number that you would have to put on and things like that. But it seems to me 26 there's widespread opposition to that requirement and 27 28 that proposal. 29 30 So but public testimony is on now for 31 anybody that wants to provide public testimony. 32 33 MR. HOPSON: Mr. Chairman. 34 35 CHAIRMAN BROWER: Yeah, go ahead, Mr. 36 Hopson. 37 38 MR. HOPSON: For my region, I would 39 definitely oppose this proposal to require traps to be 40 marked. 41 42 Thank you, Mr. Chair. 43 44 CHAIRMAN BROWER: Thank you, Mr. 45 Hopson. The mic is open for public testimony. 46 47 MR. SCHAEFER: Jack Schaefer also opposes, feel it causes undue hardship. Management and 48 49 governmental functions should always be brought to the 50

Page 253 tribes and even provided technical help to -- for 1 tribes to take over should they choose or whoever they 2 3 choose to perform that function as a group. And Native Village of Point Hope has always had this self-4 determination thing. John Otauluk is still -- we say 5 that even though he was with corporation, but he truly 6 believe that under (in Native) which was the tribal 7 8 function that was there in place of the there's no more 9 tribes when we fought for tribes and finally got 10 recognition through Daniel Anoya at AFN in 1989 I think 11 or '90. 12 13 Anyway we don't need undue hardship. 14 We appreciate this State's gusto and energy. They want 15 to do things right, but we have that right too and feel 16 that we should be able to do this, especially if it 17 does cause -- you know, if their actions does cause 18 undue hardship for us. 19 20 Thank you. 21 22 CHAIRMAN BROWER: Thank you, Jack. Any 23 other public testimony on the proposal? 24 25 (No comments) 26 27 CHAIRMAN BROWER: Hearing none, I remind the Council that the Council should provide the 28 motions. Item seven, Regional. 29 30 31 What's the wish of the Council? 32 33 MR. HOPSON: Mr. Chairman. 34 35 CHAIRMAN BROWER: Go ahead, Mr. Hopson. 36 37 MR. HOPSON: Thank you, Mr. Chairman. 38 I make a motion to oppose this proposal to put 39 identification tags on trap. 40 41 Thank you, Mr. Chairman. 42 CHAIRMAN BROWER: 43 Yeah, Mr. Hopson, 44 before we get a seconder, if you would make a motion in 45 the positive. We've been having -- struggling with that. Robert's Rules of Order is usually you make a 46 47 motion in support of something and then you have to 48 vote -- either vote it up or vote it down. And makes 49 it a little complicated when we make the motion in the 50

1 2 3 4	negative and then it gets confusing whether you're opposing it or for it towards the yay or nay portion. So it just gets a little complicated.
5	(In Native) motion (in Native).
6 7	MR. HOPSON: Mr. Chairman.
8 9	CHAIRMAN BROWER: Go ahead.
10 11 12 13 14 15 16 17	MR. HOPSON: I'll rescind my motion. And when you bring these up make sure they have been clarified and that language is understandable to all the Council members. Because the way I see it and the way they interpret it is in this one sentence. And you're looking at it both ways.
18 19 20 21	So with that said I'll rescind the motion that I said and wait for the other Council members to make a motion.
22	Thank you, Mr. Chairman.
23 24 25 26 27	CHAIRMAN BROWER: (In Native). It's I think it's more or less semantics, but it gets a little complicated as we move forward.
28 29 30 31	And I we're on item seven, the wish of the Council for WP 20-08. What's the wish of the Council?
31 32 33 34 35 36 37	MS. PATTON: Mr. Chair, if I may. So if the motion was to support, so motion in the positive. If the motion is to support WP 20-08 and Council members are opposed to it, then you would vote no.
38 39 40 41	CHAIRMAN BROWER: Yeah, I think we we went through that a little bit ago there, Eva. So I think we're understanding.
42	We need a motion on the floor.
43 44	MR. OOMITTUK: So moved, Mr. Chair.
45 46 47 48 49 50	CHAIRMAN BROWER: There's a motion on the floor to adopt WP 20-08. And that came from Tikigaq.

Page 255 1 2 MS. KIPPI: Second. 3 CHAIRMAN BROWER: Seconded. 4 Discussion. 5 6 MR. OOMITTUK: Roll call vote, Mr. 7 Chair. 8 9 CHAIRMAN BROWER: Eva, if we can provide a roll call vote on proposal WP 20-08 on the implementing of statewide requirements that traps and 10 11 snares be marked with either trapper's name or State 12 13 identification number as submitted by the East Prince 14 of Wales Advisory Committee. 15 16 MS. PATTON: Wanda Kippi. 17 18 MS. KIPPI: No. 19 20 MS. PATTON: Steve Oomittuk. 21 22 MR. OOMITTUK: No. 23 24 MS. PATTON: William Hopson. 25 26 MR. HOPSON: No. 27 28 MS. PATTON: And do we have Edward 29 Rexford on teleconference? 30 31 (No comments) 32 33 MS. PATTON: I think we may have lost 34 Edward Rexford at lunchtime. Was that you, Edward. 35 36 Okay. Edward absent. 37 38 Gordon Brower. 39 40 CHAIRMAN BROWER: I'm voting no. 41 42 MS. PATTON: Four no, two absent. 43 Thank you. Motion fails. 44 45 CHAIRMAN BROWER: Thank you. WP 20-08 46 fails to pass the North Slope Regional Advisory 47 Council. 48 49 With that I think it's time to 50

Page 256 entertain some time to recess maybe for lunch. I've 1 heard some stomachs growling a little bit around here, 2 3 including mine. 4 5 Do you guys want to recess for lunch? 6 7 MR. HOPSON: Mr. Chairman, recess for 8 lunch. 9 10 CHAIRMAN BROWER: There's a motion on 11 the floor to take sometime for lunch. 12 13 MS. PATTON: We do have leftover 14 caribou stew, a big pot of caribou stew and lots of 15 food for lunch so everyone's welcome to join us here if 16 you like. 17 18 CHAIRMAN BROWER: She wants to keep us 19 hostage right here. 20 21 (Laughter) 22 23 MS. PATTON: Oh, it was good food. 24 Thank you, Wanda, for caribou. 25 26 CHAIRMAN BROWER: All right. So let's 27 recess until about 1:30, somewhere around there sounds 28 good. 29 30 (Off record) 31 32 (On record) 33 34 CHAIRMAN BROWER: I'll call the meeting 35 back to order. And on our agenda I believe we're on statewide proposals at this point. And I know Eva's 36 walking around and being real busy, but I think that's 37 where we're at. 38 39 40 MR. OOMITTUK: We're on B, Fisheries 41 Resource Monitoring Program. 42 43 CHAIRMAN BROWER: I think we have an 44 asterisks there where we amended the State system, the 45 State system's presentation from ADF&G on Board of Game 46 stuff. 47 48 MR. OOMITTUK: Okay. 49 50

Page 257 CHAIRMAN BROWER: So I think we're 1 going to do presentations. 2 3 4 Eva. 5 6 MS. PATTON: Good afternoon, Mr. Chair and Council. Yes. We have a couple presentation this afternoon. We're next on the agenda to the 2020 7 8 9 Fisheries Resource Monitoring Program. And we have 10 some of our FRMP project updates with a Power Point 11 presentation. 12 13 CHAIRMAN BROWER: And I see on the 14 agenda we had amended it and there's an asterisks right 15 there after the traps and snares, State system's Board 16 of Game Proposals. 17 18 MS. PATTON: Mr. Chair, that was when 19 we thought we would get to that last night. So that 20 actually is moved to the end of our agenda for today. 21 22 CHAIRMAN BROWER: Yeah, I didn't recall 23 us changing that because it has an asterisks right there. 24 25 26 MS. PATTON: Yeah, that was our long 27 discussion last night about the Board of Game 28 proposals, but since we didn't get to it on the agenda 29 last night we needed to complete..... 30 31 CHAIRMAN BROWER: Are we going to do it 32 under agency reports then? 33 34 MS. PATTON: Yes. One of the last of 35 the agency reports. 36 37 CHAIRMAN BROWER: Very good. Just as 38 long as we get to it. 39 So at this point we'll go to item B is 40 the Fisheries Resource Monitoring Program. I guess 41 that's Karen's proposal. 42 43 MS. PATTON: And then we also have --44 yes. So we have Karen Hyer who's the Fisheries 45 Resource Monitoring Program biologist and then we have 46 two of our actual FRMP research biologists here. And 47 so they'll be presenting their research back to the Council for the work they're doing in the North Slope 48 49 region. 50

Page 258 1 2 CHAIRMAN BROWER: All right. 3 MS. PATTON: We just need to get the 4 Power Point presentation to where everybody can see it. 5 6 CHAIRMAN BROWER: All right. Well, I'm 7 going to suggest that we..... 8 9 MS. PATTON: Just one moment. 10 11 CHAIRMAN BROWER: .....join the 12 audience on the other side so we can turn around. 13 14 (Pause for equipment set up) 15 16 MS. HYER: Mr. Chairman and Council 17 members. When the presentation is over I'm going to 18 talk a little bit about the upcoming FRMP, but I just 19 wanted to acknowledge that this is one of the projects 20 that we have funded through the program and it's a two 21 year cycle. And so this one was funded..... 22 23 When did this -- when did this one 24 start funding? 25 26 MR. SCANLON: 2016. 27 28 MS. HYER: So this one we started 29 funding in 2016. So this is an example of some of the 30 research that is funded through the FRMP. 31 32 MS. PATTON: We're just setting up our 33 Power Point presentation for folks here. 34 35 (Pause for equipment set up) 36 37 \*\* MR. SCANLON: Thank you, everybody. Good afternoon. For the record I'm Brendan Scanlon. 38 I am the Northwest and North Slope area fisheries biologist 39 40 for the Department of Fish and Game. 41 42 Most of my time and effort are spent 43 down in Unalakleet, Nome and Kotzebue areas. I don't 44 get up to the North Slope as much as I'd like to, but in recent years we've been fortunate enough to work 45 46 with OSM through the FRMP to conduct some research on 47 important subsistence fisheries in the last couple And I have two of them I'll talk to about 48 years. 49 today. The first one is -- got to do with dolly varden 50

Page 259 and the second one will be Arctic grayling. 1 2 3 Please stop me whenever you'd like to 4 ask any questions. 5 6 So this first project I'll talk about, 7 we just wrapped this up, it was a four year project to 8 dolly varden in five North Slope streams. 9 10 Dolly varden were identified as a 11 species of concern and a priority information need was developed that was germane to the Huluhulu, but because 12 13 these fish are part of a mixed stock fishery and we 14 have to fly over the Canning and Ivishak to get to the 15 Huluhulu, we encompassed five rivers for this project. 16 17 So we don't have a lot of current information on harvest in subsistence fisheries, but 18 19 what we do have is some periodic household surveys 20 conducted by the Department of Fish and Game, Division 21 of Subsistence. And we found out about 10,000 fish per 22 year are harvested just from the villages of Kaktovik 23 and Nuiqsut. And particularly in Kaktovik where they 24 catch most of them in marine waters, they're a mixed 25 stock. There's fish from several different rivers 26 swimming by. 27 28 So I'll just give you a guick rundown 29 on life history of dolly varden on the North Slope. They're anadromous like salmon so they spawn and rear 30 31 in freshwater. And when they turn three to four years 32 old they start to make annual migrations out to sea to 33 feed. But unlike salmon they come back in to spend the 34 winter because the water in the Beaufort Sea gets super 35 cold with the freshwater lands freezing on top. They 36 don't like that so they come back in to spend the 37 winter. And when they turn seven or so they begin to 38 spawn and they can spawn several times. Their spawning schedule typically is only every other year and they 39 40 can live to be about 16, 17 years. 41 42 It used to be that our understanding of 43 their ocean movements was that they stayed close to 44 near shore and close to their natal streams, but in the 45 late 1989s Fish and Game instigated a tagging study on 46 the Wulik River near Kivalina where we tagged over 47 5,000 fish with just some simple spaghetti tags that 48 had individual numbers on them and some contact 49 information. And over the next 10 years or so as 50

people caught these fish and contacted us, we were able 1 to see where these fish ended up. We had several fish 2 3 go through the Bering Strait. Most of them stayed near 4 the Wulik River and the Kotzebue Sound area, but we had 5 fish go to St. Lawrence Island, Seward Peninsula 6 streams, Ugavik which is down by Unalakleet and we had three fish go up the Anadyr River in Russia. 7 Two of 8 them about a thousand miles from where they were 9 tagged. 10 11 So a little bit about Okay. the 12 ecology of dolly varden on the North Slope. They spawn 13 and overwinter in upwelling areas in rivers. And as the winter progresses the amount of liquid freshwater 14 15 gets reduced so these fish overwinter in large concentrations and small stretches of water. The five 16 17 largest streams that we're aware of for dolly varden 18 populations are the Ivishak, Kongakut, Huluhulu, 19 Canning and Anaktuvuk Rivers. 20 There have been sporadic aerial surveys 21 22 conducted since the early '70s, but none since 2008 and 23 the Kongakut has never been surveyed. And because they are such an important subsistence resource this -- we 24 25 felt this information was needed. 26 27 Well, here's what we think we know from 28 the accumulated dolly varden research. There's about 29 50 to 100,000 dolly varden of catchable size. So five years old and older, 15 inches to 35 inches or so. 30 31 Most fish spawn, go to sea and then come back and overwinter in the same river even when they're not 32 33 spawning. But we know from tagging that they can move 34 around quite a bit and fish from the Anaktuvuk have 35 been caught in the Huluhulu and in front of Kaktovik. 36 It's truly a mixed stock fishery. 37 Dolly varden from the Firth, Babbage and Rath Rivers have been caught as far west as the 38 39 40 Colville. And there's almost no dolly varden found 41 between Barrow and Point Hope. The Kukpuk here in Point Hope definitely has dolly varden in it, but 42 43 between here and Barrow most of the streams are really 44 small, they tend to dry up in the summer or freeze 45 solid in the winter. It's a little bit of a freshwater 46 fish desert. 47 48 Okay. So the objective for this 49 project was to conduct a single aerial survey of the 50

Page 261 overwintering population each year for a four year 1 period in these five streams. 2 3 4 So there's some good and bad that goes 5 with aerial surveys. They're pretty useful for indicators of relative abundance. You don't get a very 6 accurate count, but you get to know whether or not 7 8 there's a lot or there's not very many at all and 9 that's important. It's expensive to fly around in a helicopter, but it's still much less expensive than if 10 we sent a flotilla of technicians, boats and nets up 11 12 there to spend a couple weeks to do a mark recapture or 13 to install a sonar and count the run over the next 14 several weeks. 15 And on the North Slope it's pretty 16 17 ideal conditions for aerial surveys. The fish diversity is low, there's almost nothing else to count 18 19 but dolly varden and these rivers are very clear and they typically run pretty shallow. And we get the 20 information immediately instead of a post-season data 21 22 analysis. But it's very dependent on weather and water 23 like most of our research is. 24 25 So accuracy and precision decreases as 26 the number of fish increase. The more beans you count the more likely you are to under count them and by a 27 28 larger proportion. We really like to have a long time series to look at trends. We don't handle any fish, so 29 now age, sex, length data or genetics data. And it --30 31 you know, helicopters in the Arctic in the winter, you 32 know how that goes. 33 34 So here's the five streams that we're 35 working on and the index areas which were previously established by other surveyors are depicted. They 36 37 range in length from 31 and 70 kilometers. We're based 38 out of Happy Valley, we can drive there and we have AV gas tanks and they're mostly day trips. But the green 39 40 is the Refuge boundary. 41 42 Okay. So I was going to back up and 43 talk a little bit how we came up with doing aerial 44 surveys up there. And in the early 2000s on another 45 OSM funded project we conducted a mark recapture which 46 is a tagging project where we estimated abundance on 47 the Ivishak River dolly valley population. And at the 48 same time we would conduct aerial surveys and the 49 surveyor would not know what the abundance numbers were 50

1 2 3 4 5 6 7 8 9 10 11	from the mark recapture so there was no bias. We got estimates from the mark recapture experiment over those years of 27 to 49,000 fish. In the aerial surveys, we did five replicates each year. We're really tight at about 22 to 26 percent of the mark recapture estimate. So the aerial surveyor counted about 25 percent of what the true abundance was. So for this project to stay consistent with that extrapolation I took the aerial survey counts, multiplied them by four and that gave us a more accurate estimate of the abundance of fish.
12 13 14 15 16	These index areas have been previously established and it's really dependent on the available overwintering habitat. So that has been standard for a long time. And I was the only observer during this study.
17 18 19 20 21 22 23 24 25	And this is a perfect day for aerial surveys. It's there's no chop on the water, the water levels are low. We fly typically 100, 150 feet. Pretty slow and we kind of crab our way downstream. These rivers all flow from north south to north. And you don't want the sun in your eyes so we start up high and work our way low downstream.
26 27 28 29 30 31 32 33 34 35 36 37 38	So when I first started doing aerial survey I started out on the Wulik River over by Kivalina as part of Red Dog's contract with us to do the biomonitoring project there. I got a couple really good photos and I started to try to get look for some patterns. The first is this small group of fish that are kind of isolated in real shallow water, we know from the mark recapture netting we would do these are probably graylings so I'm going to just ignore those. And then I start to circle groups of 10 and 20, 50, 100. And I fly down river with a tape recorder and it's really not anymore scientific than that.
38 39 40 41 42 43 44 45 46 47 48 49 50	So here's the results from all four years. The first number is the count that I came up with and the second number is the extrapolation. It's timed it's multiplied the original number by four and it's closer to the true number of fish that are there. The first thing that pops out is the Kongakut never got surveyed. It was probably ambitious to include this in the study design anyway because it's 160 miles from Happy Valley camp. We couldn't do this without stashing fuel in the Refuge and probably camping out. And we better chance of running into

Page 263 bad weather. 1 2 3 So the first year we had pretty poor 4 water quality on the Ivishak And Canning Rivers. There's was a lot of turbid water coming in from some 5 6 springs. It wasn't due to high water, it was just 7 really cloudy water throughout the index area. In 2017 8 we were only able to do the Ivishak, the Ivishak was a 9 lot clearer. 10 11 I'm sorry. 12 13 MR. OOMITTUK: Could you go back to 14 that picture that you (indiscernible - away from 15 microphone).... 16 17 MR. SCANLON: Oh, yeah. 18 19 MR. OOMITTUK: .....I didn't quite get 20 what you were saying about that. 21 22 MR. SCANLON: Okay. So.... 23 24 MR. OOMITTUK: And I know it says how 25 many fish you seen and that the -- and that the river 26 -- there's a little circle (indiscernible - away from 27 microphone).... 28 29 MR. SCANLON: Yeah. So..... 30 31 MR. OOMITTUK: Your voice isn't very 32 having (indiscernible - away from loud. I'm 33 microphone).... 34 35 MR. SCANLON: Oh, I'm sorry. I'11 36 start this slide over. So this picture was taken on the Wulik River by Kivalina. These are char over there 37 and we would count them as part of a project we had with Red Dog Mine to monitor the water and the fish and 38 39 40 the bugs. And we know from our other netting projects 41 that small groups of fish like that that are away from the larger groups of big fish are probably graving so I 42 wasn't going to count those as part of my counts. And 43 44 I'd get a lot of pictures like this and I would circle 45 groups of 10 fish, then 20 fish, 50 fish and a hundred fish. So when I fly down river and do my counts I have 46 47 -- when I see a group of fish I have an idea about how 48 many fish are in that group and I will just say 70 49 fish, 200 fish, six fish, 10 fish. And then at the end 50

Page 264 I would just add up those numbers. 1 2 3 Does that help? 4 5 MR. OOMITTUK: Thank you. 6 7 MR. SCANLON: Yeah, you're welcome. 8 9 MR. OOMITTUK: I was wondering about those two top (indiscernible) next to that burbot? 10 11 Yeah. 12 13 (Laughter) 14 15 MR. SCHAEFER: How many fish are on 16 that (indiscernible - away from microphone) ..... 17 18 MR. SCANLON: About 3,000 fish. 19 20 MR. SCHAEFER: How many? 21 22 MR. SCANLON: About 3,000. 23 24 MR. SCHAEFER: Three thousand. 25 26 MR. SCANLON: There's often up to 27 150,000 dollies that overwinter in the Wulik. 28 29 So we got -- here's the results from 30 all four years. Like I said the Kongakut never got 31 done unfortunately. In 2017 our helicopter never made 32 it from Fairbanks because of weather, but there was a 33 reality TV show camp near Happy Valley for Survivor Man 34 so there was a BBC camp there filming a documentary and they had a helicopter who was just kind of sitting 35 36 around and I was able to charter him for a few hours 37 and get the Ivishak done. 38 39 In 2018 again the Ivishak and Canning 40 waters were really cloudy. And I was able to make it 41 to the Anaktuvuk and conditions were great. The 42 Anaktuvuk is a really big river, there's lots of 43 braids, I had to fly each braid because there was fish 44 in all of them. 45 46 And the final year, 2019, again we 47 never got to the Kongakut. The Ivishak, Canning were particularly bad for counting. I'll show you some 48 49 pictures in just a moment. Huluhulu was marginal. 50

Page 265 Again the Anaktuvuk, there was lots of fish in there. 1 This year I saw more salmon than I ever have too, not 2 3 just chums, but sockeye and coho. We actually caught a 4 coho salmon. 5 6 Yes. 7 8 MR. SCHAEFER: The Ivishak, where's 9 that? 10 11 MR. SCANLON: I'm sorry. 12 13 MR. SCHAEFER: Ivishak. 14 15 MS. HYER: He's asking where. 16 17 MR. SCANLON: The Ivishak. 18 19 MR. SCHAEFER: Does that feed into 20 the.... 21 22 MR. SCANLON: The Sagavanirktok? 23 24 MR. SCHAEFER: .....Sag River? 25 26 MR. SCANLON: Yeah, the Sag River. 27 Yeah. Uh-huh. Would you like me to go back to the 28 map? 29 30 Yeah, there's the Haul Road, the dashed 31 red line there. And all the rivers except for the Anaktuvuk are to the east. And you can see Kaktovik is 32 33 kind of in the top right corner. I apologize about the 34 quality of the show here. 35 36 UNIDENTIFIED VOICE: You said Anaktuvuk 37 though. 38 39 MR. SCANLON: Did I say Anaktuvuk, I 40 meant the Kaktovik. Sorry. 41 42 Okay. So this last year, 2019, again 43 the water conditions were kind of poor on the Ivishak 44 and Canning and even the Huluhulu. Anaktuvuk was 45 great. Like I said we saw lots of -- more salmon than I've ever seen. And outside the index area I saw even 46 more dolly varden. So there was a lot of fish in the 47 Anaktuvuk this year. 48 49 50

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Page 266 1 So this is the top of the Ivishak study 2 area. And this -- the red water to the right comes in, 3 that's the Shaviovik River. It's not a very big river, but there is some spawning that goes on up there 4 And so right outside that red water plume 5 typically. to the left there's lots of fish stacked up. We don't 6 7 know what's in the red water, we can't see, but we can 8 imagine they probably don't want to be there. So from 9 about a mile and a half downstream from this picture I 10 couldn't count anymore, that effectively ended the 11 survey. 12 13 MR. SCHAEFER: Is that the -- saying 14 the dirty one and the clean one is the Ivishak? 15 16 MR. SCANLON: Actually the clean one is the Ivishak, the dirty one is the Shaviovik. So we're 17 18 pretty far upriver from the -- from the Saq. 19 20 And this is further uр the Sagavanirktok River. April took these pictures when 21 22 she flew up to get some water samples. And the further 23 you go the more concentrated this iron colored water 24 is. 25 26 Here's one of the sources. Typically you see water like this in -- when hard rock mining 27 28 goes bad, but this was not the case here. It just 29 seemed to be kind of percolating out of the ground. 30 31 So this is the Canning River, it's --32 this is the tributary to the Canning River above Shubuk Springs. And when I first showed these pictures to the 33 34 Water Resources Center at the University they suggested 35 it was probably a spring that just reached it's karst (ph) just like a glass that got over -- was overflowing 36 37 and it'll do this for a while and stop. And they cautioned me against kind of attributing it to climate 38 39 change. 40 41 In this photo though the source -- it's 42 hard to tell, but the source of the red water seems to 43 start right at the base of a thaw slump, right before the big hill on the right. Above that the water's 44 45 clear. 46 47 This is the Kavik River. It's between 48 the Canning and the Ivishak. It just turned this color 49 about seven weeks ago. So the Ivishak has been orange 50

Page 267 for years, the Kavik just changed this year. 1 2 3 The distance between the Huluhulu and 4 the Ivishak is about a hundred miles and virtually 5 every dribble of water coming out of the hillside had 6 some rust colored water coming out of it. 7 8 Okay. So this is the last year of the 9 What we found is when conditions are good project. 10 generally we count a lot of fish. It appeared that 11 things were good. And they -- from the air they seemed to be bigger than I remember. The turbid water input 12 13 seems to be increasing. 14 15 And so we did a little bit of reading 16 into the effects of iron in fish. It's not really in our wheelhouse, but it's typ -- it's not immediately 17 18 fatal, so it's not like strychnine, it's something they 19 can deal with for a while, but it has some chronic affects. So it's similar to being a chain-smoker and 20 living near a tire factory. It's something that's 21 22 going to build up and take a long time. And the 23 affects of the iron water are that the sunlight cannot 24 reach the bottom of the stream so bugs and plants can't 25 grow. Those are things that feed the juvenile fish. The sediment load from this iron can also cover up eggs 26 and suffocate them. And for larger fish breathing it 27 28 can damage their gills, it can reduce the amount of 29 slime on their body which is the way they protect 30 themselves from infection and it can cause respiratory 31 stress. 32 33 So this may be a condition where we 34 wouldn't notice any change in the fishery at anytime 35 soon because there are plenty of adult fish around to 36 catch, but as these fish start to age out and there's 37 no -- if there's some kind of recruitment failure like 38 the juveniles not coming into the population that's fished on, there may be some decrease, maybe even 39 40 dramatic increase in the amount of harvest available, 41 in the amount of overwintering fish. 42 43 There's nothing we can do about this, 44 but I think it's important enough to keep an eye on. 45 And we have a Habitat Restoration Division that's more 46 designed to handle these kind of water quality issues 47 so we're going to work with them to try to come up with 48 some kind of sampling regime. 49 50

Page 268 So that's all I have for this project. 1 2 I could take some questions or move on to grayling. 3 4 Yes. 5 6 MS. FRANKSTON: Peggy Frankston, Native Village for the record. You show the affects on the 7 fish for the iron, high iron, and what are the affects 8 9 for consuming fish, are people having health issues, any reports or anything like that? 10 11 12 MR. SCANLON: That's a really good 13 question. I'm sorry, I don't have the answer. But it's probably important enough that I should look into 14 15 it and get back to everybody here. 16 17 Thanks. 18 19 MS. HYER: Brendan, I have a question. So this -- you did these surveys sometime ago, right, 20 21 and now you're revisiting them? 22 23 MR. SCANLON: The last one was late 24 September this year, the first one was in 2016. 25 26 MS. HYER: Right. In this project, but 27 didn't you do a similar project like..... 28 29 MR. SCANLON: That was when I spoke 30 earlier about our methods..... 31 32 MS. HYER: Right. 33 34 MR. SCANLON: .....Tim Viavant's mark 35 recapture project and aerial surveys? 36 37 MS. HYER: Right. 38 39 MR. SCANLON: He didn't see anything 40 like this then. 41 42 MS. HYER: As far as the slump? 43 44 MR. SCANLON: Or the turbid water, 45 yeah. 46 47 MS. HYER: Right. But how about 48 population, how did the populations compare? 49 50

Page 269 MR. SCANLON: Well, he -- really good 1 2 actually. Well, we only worked on the Ivishak River on 3 that project. 4 5 MS. HYER: Okay. 6 7 MR. SCANLON: And I wasn't able to 8 count very well on the Ivishak most years. But 9 everywhere on the Ivishak that had clear water, even 10 some of the small little dribbles downstream of the iron colored water that was clear, it was just loaded 11 with fish. So between that and what we observed in the 12 13 Anaktuvuk and even the Huluhulu, it looked like -there seems to be a lot of adult fish right now. 14 15 16 I should also mention that we flew over 17 Peters and Schraders Lakes and we saw some rust colored 18 shoreline on Peters Lake. I've talked to Mr. Rexford 19 before about this being kind of an important lake trout 20 fishery for residents of Kaktovik. 21 22 MS. ITTA: I have a question. 23 24 MR. SCANLON: Uh-huh. 25 26 MS. ITTA: In regards to her question 27 about the fish being safe to eat, why isn't -- why 28 isn't -- do you have an answer to that question? 29 30 MR. SCANLON: Well, that's the logical 31 next step for us to go up there and collect some fish. 32 But I quess I was unprepared to see this when we first 33 started. But it's something we will do. 34 35 We do a metal analysis of fish in the Wulik River below Red Dog Mine. And so we can do a 36 similar project where we dissect a bunch of tissues and 37 send them to a lab for analysis. 38 39 40 MR. SCHAEFER: So how is that river 41 now? 42 43 MR. SCANLON: With Red Dog so there's a 44 lot of fish in the Wulik River and we sample 12 every year for metals analysis. And we don't just look for 45 iron, we look for selenium and I think seven other 46 47 elements. We take tissues from the liver, the kidney, the muscle and I believe the gills. And things are 48 49 good. The 2018 count was 97,000 fish in the Wulik 50

Page 270 River. And the Wulik isn't nearly as big as 1 the 2 Anaktuvuk. 3 4 I should also mention when the ice 5 starts to flow downriver and we can't count anymore there's still fish coming in. So in most cases these 6 7 numbers are an under count. 8 9 Red Dog just opened a second mine extension so the life of the mine is going to be at least another 20 years. But we've had a contract with 10 11 them since they opened to do the aquatic biomonitoring 12 13 on the water, grayling and dolly varden and bugs. 14 15 MR. SCHAEFER: So these are sitting 16 over there? 17 18 MR. SCANLON: Yes. 19 20 MR. SCHAEFER: (Indiscernible - away 21 from microphone).... 22 23 MR. SCANLON: The people at Kivalina 24 are really in tune to what's going on with the fish. 25 26 Yes, Pat. 27 28 MS. PETRIVELLI: Do they have turbidity in the (indiscernible - away from microphone) like 29 30 that? 31 32 MR. SCANLON: This year they just saw a 33 little bit. In most years it looks like that picture of fish I showed you where it's crystal clear. 34 35 36 So this is a project that we started this year, it has to do with Arctic grayling movements 37 in the Colville River relative to the subsistence 38 fishery near Nuiqsut. Grayling were identified as a 39 40 priority information need in 2016. 41 42 So again we don't have tons of reliable 43 harvest information in subsistence fisheries, but the 44 most recent subsistence survey we had suggested about 45 three to 5,000 grayling are harvested each year. Which was a little bit of a surprise to me, I assumed it was 46 47 mostly whitefish. But so I thought that was 48 interesting. 49 50

Like other freshwater fish in the 1 Arctic grayling take a long time to mature and they can 2 3 live a long time. They can be eight, nine years old before they spawn the first time and they can be up to 4 5 30. 6 7 Aside from just some present/absence 8 information from the pipeline days there's really been 9 no research on grayling in the Colville. And typically when we don't have any information on a fish in a large 10 system, one of the first steps is to do some radio 11 12 tagging to learn a little bit about movements, what's important areas for spawning, rearing and feeding. And 13 14 if we want to later on design a stock assessment we 15 could develop an index area where the fish aren't 16 moving very much and we can maybe get a mark recapture 17 estimate. 18 19 So the objective for this project is to 20 describe the seasonal movements and locations using 21 radio tags for grayling with the Killik River being the 22 upper boundary of where we put tags out and Nuiqsut 23 being the lower. It's about a hundred mile stretch and 24 we thought since we don't anything that's probably a 25 reasonable chunk of the Colville to get started on. It's a 400 mile river so rather than sprinkle tags all 26 27 across the countryside we thought we'd start where we 28 think fish from upstream would go down towards Nuigsut. 29 30 So we purchased 150 radio tags and we 31 put them in fish 15 inches or bigger. That's the minimum size fish we thought would handle the tag. 32 And 33 those fish we would expect to be old enough to be 34 mature. And we'd use fixed wing aircraft to track them 35 over a two and a half year period. 36 37 So here's roughly the study area 38 between Nuigsut and the -- close to the upper bound of where we put our summer tags out. We designed this 39 40 project to put our most of our tags in the creeks 41 upstream of Nuigsut and then we have some left over, we're going to go to Nuigsut next week and put out the 42 43 rest of our tags through the ice. 44 45 We're based out of Umiat, it's kind of 46 a central spot in the study area. We have a little bit 47 of housing there and we're able to get fuel. And it's 48 right on the river. 49 50

Here's a timeline for this project. 1 It's kind of hard to read, but in May this year we went 2 3 to Nuigsut, did a little bit of outreach. We talked to some fishers and some elders about the concerns they 4 5 had and wanted to let them know what we wanted to do. 6 7 This past July we put out 109 tags 8 around Umiat and tributaries. We tried to put them out 9 in relative abundance to where they're found in these tributaries, that's why there's so many in the 10 11 Anaktuvuk. Anaktuvuk's pretty big and there's lots of 12 fish in there. 13 14 We had some tags left over. Using the 15 helicopter I was using out of Happy Valley to count 16 dolly varden we went over to the Aichilik, put out some 17 in the Aichilik River, we hadn't done that in the 18 summer sampling. 19 20 And starting end of this week, we have 21 52 tags left, we're going to go up to Nuiqsut, we've 22 got some people we're going to hire who are going to 23 take us out and catch grayling through the ice and put 24 out the rest of our tags. 25 26 So here's a map of kind of how they're sprinkled through the countryside. And like I said the 27 28 Anaktuvuk has the largest proportion because that's 29 where most of the grayling were. 30 31 And the project leader, Andy Gryska, 32 just did a tracking flight last week. I'll show you a 33 map of where those fish are located. 34 35 So we've been radio tagging grayling 36 for a long time in the Tanana and the Copper River 37 drainages and on the Seward Peninsula. And rather than sling a bunch of boats out there and bring some nets, 38 39 we went light with some bottom gear using small jigs 40 with pinched barbs. 41 42 And here's what our -- kind of our 43 mobile army surgical unit looks like for putting out 44 radio tags. We have two tubs of water, one of them has it, it's called Aquiesse. 45 anesthetic in It's essentially synthetic clove oil and ethanol mixed with 46 47 water. And the second tub is a recovery tub. 48 49 And here's how we put radio tags in 50

grayling. We have something called a groove director 1 which helps us guide the catheter into the fish where 2 3 we first pull -- put the antenna in and then we remove the catheter, pull the antenna and the tag into the 4 5 belly of the fish and sew it up with suture, put a 6 little vet bond on it and then we wait until they are 7 recovered enough to let them go. We just don't throw 8 them back in the water, we make sure that they're 9 gilling just fine, their color's good and that they're 10 ready to go. 11 12 And maybe you can see the antenna coming out near the vent of this fish here. But this 13 14 is one of the radio tagged fish. 15 16 So we can track fish several ways using boats or snowmachines or tracking stations, but for 17 18 this project we wanted to have a small footprint and 19 cover a lot of area so we're using just fixed wing 20 aircraft. 21 22 We have -- these tags are designed to 23 turn on and off. In the winter we would not expect 24 grayling to move very much so by turning the tags off 25 in the winter we can save the battery. So these tags 26 would last for about a thousand days. And we have 27 eight to 12 flights planned to track these fish. 28 29 Once again here's where we put our tags out so far. And here's where they ended up last week. 30 There's a general downstream trend and movement which 31 we would expect because as the water starts to drop in 32 33 the tributaries, the available liquid water gets 34 reduced and they want to move downstream to some deeper 35 water to spend the winter. 36 37 So for the rest of this project we're going to have periodic tracking flights when these tags 38 are live, several events during the summer, one during 39 40 early fall when we see them start to move. By the end 41 of 2021 the data will be ready. In March, 2022 we'll have a draft report ready and by December we'll have 42 43 the final report ready. 44 45 We also plan to go back to Nuigsut to 46 do a program for the school, to show them what we know 47 about grayling biology and how radio tags work. And 48 we'll update the Village of Nuiqsut periodically 49 throughout the project on our progress. 50

Page 274 1 And that's what I got. So thank you 2 very much. 3 4 CHAIRMAN BROWER: (Indiscernible - away 5 from microphone)..... 6 7 (Laughter) 8 9 MR. SCANLON: It's coming. 10 11 CHAIRMAN BROWER: \$900 million project 12 to clean it up. 13 14 MR. SCANLON: Thanks, everybody. And 15 feel free to contact me anytime you have any questions 16 about these projects or any other ones. 17 18 I should mention that we recently 19 completed a lake trout stock assessment on the Chandler 20 Lakes near Anaktuvuk Pass as part of OSM FRMP funding. And there's -- April made handouts on the results of 21 22 that project, they're on the table back there. In 23 short, the news was good. 24 25 Yes, sir. 26 27 MR. SCHAEFER: Multi year population 28 studies being compared with international treaties in 29 regards to foreign fisheries and bycatch and 30 (indiscernible - away from microphone) commercial? 31 SCANLON: Well, with these two 32 MR. species -- with grayling there aren't any international 33 34 treaties. There are grayling found around the world. I'm not aware of any commercial fishery on them or if 35 36 they're bycatch in any other commercial fisheries. 37 38 Interesting you asked about dolly 39 varden char, what I spoke about before, they are often 40 caught in trawls in the Bering Sea as bycatch. They're 41 found in Russian streams so they would be a species I would expect to be caught as bycatch in commercial 42 fisheries to some degree. In fact the Kotzebue chum 43 44 salmon fishery catches several hundred a year. Thev don't go to waste, the people really like the dolly 45 varden trout over there in Kotzebue and they find a 46 47 home pretty quickly. 48 49 MR. SCHAEFER: Your -- you keep track 50

Page 275 of what's going on in regards to..... 1 2 3 MR. SCANLON: The best we can, yeah. 4 5 MR. SCHAEFER: .....(indiscernible -6 away from microphone) in dealing with king salmon or 7 something? 8 9 MR. SCANLON: Right. There's treaty 10 obligations there for the number of king salmon that we 11 said we would try to release into -- across the border, 42 to 55,000, something like that. We met that this 12 13 year, there was a lot of kings in the Yukon. 14 15 MR. SCHAEFER: So there's not much 16 foreign interference to (indiscernible - away from microphone) safeguard. Have you noticed anything or 17 18 this (indiscernible - away from microphone) ..... 19 20 MR. SCANLON: For these two projects 21 here? 22 23 MR. SCHAEFER: Any (indiscernible -24 simultaneous speech)..... 25 26 MR. SCANLON: Oh. Bycatch in foreign 27 fisheries has been a concern for people for a long time 28 particularly with king salmon. They go into international waters where they spend the winter, in 29 30 fact, king salmon from the Yukon and the Kuskokwim, 31 Bristol Bay, Southeast Alaska and British Columbia all go roughly through the same area near the end of the 32 They -- I believe they are caught as 33 Aleutians. bycatch in trawls. There's a program now where they're 34 trying to instigate a salmon exclusion device in some 35 of these trawls and I've seen video of it and it kind 36 37 of works. The salmon swim faster than the pollock and the cod that they're trawling for and by slowing down 38 the speed of these nets and having these escape 39 40 hatches, some salmon are allowed to escape. 41 42 MR. SCHAEFER: I just don't know 43 enough, I just wondered -- you know, they come out with 44 conclusions that limit subsistence because of commercial fishing. And I just wondered how that tied 45 46 into, you know, your (indiscernible - away from 47 microphone).... 48 49 MR. SCANLON: Yeah, I don't know much 50

Page 276 more than that. 1 2 3 MR. SCHAEFER: (Indiscernible - away 4 from microphone).... 5 6 MR. SCANLON: In subsistence, no. 7 Other.... 8 9 MR. SCHAEFER: Bycatch has been talked 10 about since hearings of statehood..... 11 12 MR. SCANLON: Uh-huh. 13 14 MR. SCHAEFER: ....and they indicated 15 what they wanted to do, but didn't when they were going into statehood. That's why I asked. Before it happens 16 17 to us. 18 19 MR. SCANLON: Yeah. Like Pat said and I know there was some talk yesterday about limits on 20 21 subsistence, for fish on the North Slope it's 22 essentially unregulated, there's no harvest reporting requirements, no seasonal restrictions or bag limits. 23 24 There are some statewide methods and means that apply 25 like you cannot block more than half a stream width 26 with a gill net, you can't use snagging hooks in 27 freshwater. But other than that's there's opportunity 28 for people to get fish all year round, as many as they 29 want. 30 31 CHAIRMAN BROWER: I've got a 32 question.... 33 34 MR. SCANLON: Sure. 35 36 CHAIRMAN BROWER: ....along those lines. There's a lot of, you know, like the offshore 37 intercepts of when they're fishing for pollock and 38 other things like that. And reporting some of the 39 40 bycatch so that we can hear more about that portion of it. I think it's important. I don't know to what extent it's a concern in any of the rivers that 41 42 normally have spawning events, but the average fish 43 44 that goes offshore to mature and hangout all the way up to seven years probably and come back to its home 45 46 water, but, you know, for spawning. And you have a 47 good return and I think they're like intervals of years and you see the spawn level this year and you're not 48 49 going to -- you'll see the effects of that spawning 50

Page 277 year seven years from now, something to that -- that 1 2 interval is there. 3 4 MR. SCANLON: Uh-huh. 5 6 CHAIRMAN BROWER: And when they did 7 return something obviously was going on either offshore 8 and either consuming them, killing them or a bycatch of 9 fishery. It just seems to me there should be more concerns raised to some of that kind of fishing to get 10 11 an actual report because those commercial fisheries if 12 they're the cause of doing some definite harm how can 13 (indiscernible - away from microphone) responsibility for the residents that are left without, that have to 14 15 make the dried fish and all of that stuff. And I don't 16 see, you know, when theysay, no, recruitment rate is --17 has crashed, we're going to stop fishing and do these 18 kind of things that affect putting food on the table 19 for the people that have a customary and traditional 20 use to these resources. And at that point I would think most people would need to be compensated to 21 22 reflect that kind of a loss. I've heard quite a bit 23 about rivers that are struggling with returns in their 24 home waters. 25 26 MR. SCANLON: I think typically with 27 Pacific salmon the bottleneck often starts with 28 freshwater survival and their migration to the sea. 29 Bycatch is real, I mean, it happens. 30 31 CHAIRMAN BROWER: All I'm saying is 32 there should be -- we should have reports because 33 they're subsistence species..... 34 35 MR. SCANLON: Uh-huh. 36 37 CHAIRMAN BROWER: ....and what 38 international impacts are going on for subsistence 39 resources. 40 41 MR. SCANLON: There was a project about 10, 11 years ago where king salmon bycatch in the ocean was sampled 42 43 for genetics. And in this particular year I believe 40 44 percent of the bycatch was Western Alaska fish. So that's not just Yukon, it's Unalakleet, Kuskokwim, 45 Bristol Bay. It wasn't a ton of fish, but the 46 47 proportion was 40 percent which is -- which is, you 48 know.... 49 50

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1	CHAIRMAN BROWER: I (indiscernible -
2 -	away from microphone) hear about it (indiscernible -
3	away from microphone) well, I couldn't get
4	(indiscernible - away from microphone) trade with
5	because I trade with some of my good buddies down that
6	way and (indiscernible - away from microphone) smoke
7	fish and trade with muktuk. And then when their
8	(indiscernible - away from microphone) struggling too
9	about their resources and (indiscernible - away from
10	microphone) because I'm aconsumer from (indiscernible -
11	away from microphone)
12	
13	MR. SCANLON: Okay. One thing that
14	we're really concerned about is warm water. We've had
15	some fish die-offs this year, Norton Sound and not just
16	the rivers, but in Norton Bay outside Koyuk. And on
17	the Kobuk River I was there this summer doing a
18	genetics project on char and we had several days in the
19	80s and the main stem Kobuk, five feet down was 70
20	degrees. And typically chum salmon stop moving at
21	about 65 and they start dying at 70. And I think a
22	couple more days of that and we would have had another
23	die-off like we had in 2014. So heat is something
24	we're really concerned about these days.
25	
26	CHAIRMAN BROWER: All right.
27	
28	MR. SCANLON: Thank you.
29	
30	
	CHAIRMAN BROWER: If we're done with
31	CHAIRMAN BROWER: If we're done with that we can go back to our post.
31 32	that we can go back to our post.
31 32 33	that we can go back to our post. MS. PATTON: Karen's got a Power Point
31 32 33 34	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details
31 32 33 34 35	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with
31 32 33 34 35 36	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with her Power Point then we can gather the Council back at
31 32 33 34 35 36 37	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with
31 32 33 34 35 36 37 38	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with her Power Point then we can gather the Council back at your seats here so we can have the dialogue.
31 32 33 34 35 36 37 38 39	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with her Power Point then we can gather the Council back at your seats here so we can have the dialogue. And just one moment to switch out
31 32 33 34 35 36 37 38 39 40	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with her Power Point then we can gather the Council back at your seats here so we can have the dialogue.
31 32 33 35 36 37 38 39 40 41	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with her Power Point then we can gather the Council back at your seats here so we can have the dialogue. And just one moment to switch out computers here.
31 32 33 34 35 36 37 38 39 40 41 42	<pre>that we can go back to our post.</pre>
31 32 33 34 35 36 37 38 39 40 41 42 43	that we can go back to our post. MS. PATTON: Karen's got a Power Point too. So Karen has a Power Point too, follow-up details for the full FRMP project. And once she's done with her Power Point then we can gather the Council back at your seats here so we can have the dialogue. And just one moment to switch out computers here.
31 32 33 34 35 36 37 38 39 40 41 42 43 44	<pre>that we can go back to our post.</pre>
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31 32 33 34 35 36 37 38 30 41 42 43 445 46	<pre>that we can go back to our post.</pre>
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Page 279 there's actually targeted times and locations where 1 2 they avoid king salmon bycatch. 3 4 Western Interior was the lead on --5 with the bycatch. As the concerns rose the two year 6 old fish that were still in good shape were frozen and taken to food banks down in the Lower 48, but Western 7 8 Interior and other RACs demanded that those frozen fish 9 come back to Alaska. So they are now back in Alaska, in Anchorage and Fairbanks and the last I heard they're 10 still working out how they could be distributed within 11 12 the home streams. But I need to caution you, the RACs 13 did not want the fish, what they want was that the industry would have to work harder to avoid those fish 14 15 because of the cost associated with freezing them, 16 bringing them back to Alaska. 17 18 So, yes, there are reports on the 19 bycatch, you just have to go to the website for the 20 North Pacific Fishery Management Council. 21 22 And then since he brought up water 23 temperatures, water temperatures on the Koyukuk River, 24 I happened to be in that area, were recorded at 70, 72 25 degrees. So there's concern that chum salmon, summer 26 chum, died before reaching their spawning grounds. So we're waiting for data to see if that -- was this an 27 isolated or was it drainage wide. 28 29 30 MS. HYER: Hello, Mr. Chairman and 31 Council members. For the record my name is Karen Hyer 32 and I'm a fisheries biologist with the Office of 33 Subsistence Management. 34 35 And I'm going to talk today about the 36 2020 Fisheries Resource Monitoring Plan. And the 37 projects Brendan showed you were part of the 2016 Fisheries Resource Monitoring Plan. We put together 38 the plan every two years, it's a long cycle to put 39 40 these projects together. I'm going to start by going 41 over the timeline and just refreshing everybody on the process. And then I will introduce the projects that 42 43 we have or that are the candidates for funding in 2020. 44 And then I'm going to ask you for your comments on 45 those projects. 46 47 But the conglomeration of projects that 48 we fund throughout all of Alaska is called the 49 Monitoring Plan. And so every two years we put 50

	Page 2
123456789012345678901234567890123456789012345678901234567890	together a group of projects that we fund and the projects range in length from the shortest one can be a year and the longest one can be four years. And so we now have projects in the water that were funded in 2018 and they'll continue on and they'll finish their funding in 2022 and we'll have new projects that start in 2020. So every two years we're funding a group of new projects and we refer to that group as the Monitoring Plan. And so that's where the name comes from.
	So just a reminder that for the the Monitoring Plan, the grouping is a little bit different than our Regional Advisory Councils and our regulatory units. We have we've grouped by the land mass, by watersheds and kind of areas where the species are similar. And the northern area is made up of the whole North Slope down through the Seward Peninsula and it encompasses the area of three RACs. So when we talk about the northern area Fisheries Monitoring Plan keep in mind that it is the area that is involved in the Seward Peninsula, the Northwest Arctic and the North Slope RACs. So we're talking about that whole area.
	And so the very first thing we do is we start by going to the RACs and asking the RACs what's important. And we put together a list and this list is called the priority information needs. And we put that together back in 2018. So we started this process quite a while ago. And that is the RACs where the RACs have the most input to this process. They're the ones that really direct where we ask for research projects. So it is really important to think about the your local resources and where you'd like to direct the funding.
	And I just want to put a little plug in here that we're going to start a new Monitoring Plan in 2020 and fund projects, but we're also going to come back to you in the next meeting and we're going to asking you to help us develop the 2022 priority information needs. So please be thinking about where we should be directing our research in the future. So these priority information needs
	So these priority information needs that you developed at your 2018 meeting were put into our call or our the formal name is the notice of funding opportunity, but it's our call for proposals. So we publish in the Federal Register a call that says

we're accepting proposals that we want to fund and 1 these are the research needs that we want met. And so 2 3 that went out really early in 2000 -- late 2018, early 4 2019. And then the deadline was March of this year and the investigators submitted proposals to us for review. 5 And so that was the start of our review process. 6 7 8 And the very first thing that happens 9 is that they come into our office and we put them together and determine that they are legitimate 10 proposals and that they deal with issues that concern 11 12 Federal management because all these proposals are to 13 help Federal Subsistence managers manage fisheries. And then it goes to the Technical Review Committee 14 15 which is a committee of experts from -- it's an 16 Interagency Committee. And that committee evaluates 17 and scores the proposals. And they score the proposals 18 on the criteria above. 19 20 So they look at strategic priority and 21 they look at what the Federal nexus is and what the 22 need for the research is. And then they look at the 23 technical and scientific merit and that's how well the 24 proposal can be implemented and will it be able to 25 fulfill the objectives and are the objectives 26 legitimate and those kinds of things. And then they 27 look at the investigator ability and resources and they 28 evaluate whether the investigator can actually execute the project and that they have the resources to do it. 29 30 And then they look at partnership and capacity building. And this is a unique part of our Fisheries 31 32 Resource Monitoring Program is that we require investigators to work with the local rural people and 33 34 to help build capacity and to integrate them into their proposal. So they're evaluated on that. And then 35 36 there's a cost benefit component and they look at the 37 cost and make sure it's reasonable. 38 39 So they evaluate these proposals on 40 those criteria and they place a score on them. 41 42 CHAIRMAN BROWER: Karen, just a 43 question. 44 45 MS. HYER: Absolutely. 46 47 CHAIRMAN BROWER: Who can submit a 48 proposal? 49 50

Page 282 1 MS. HYER: Anybody can submit a 2 proposal. It's open to everybody. 3 4 CHAIRMAN BROWER: Excluding my kitten? 5 6 MS. HYER: No, your kitten can submit a proposal. The problem becomes with your kitten is that 7 8 they're not very competitive when they're coming up 9 against scientists that are well educated in the field and have executed successful projects before. 10 11 CHAIRMAN BROWER: (Indiscernible -12 13 simultaneous speech) you know, some of these things try 14 to get a little bit proposals and get that funding. 15 16 MS. HYER: Absolutely. And quite 17 frankly the most successful proposals that we see are 18 integrated proposals because sometimes the tribes don't 19 have the biological expertise, but they certainly have 20 the local knowledge expertise. And are really -- some 21 our very strongest proposals might have a State of 22 investigator, might have a university investigator, 23 might have somebody from the Native Village of Kotzebue, and they're integrated. And sometimes they 24 25 have several different -- sometimes they're a Federal, 26 State land manager and then NSEDC is on one with the Native Village of Unalakleet. And so we -- you have 27 28 four agencies on a project. So, yeah, those are very 29 strong projects. That's a good point. 30 31 Yes. 32 33 MS. ITTA: I have a question. 34 35 MS. HYER: Yeah, absolutely. 36 37 MS. ITTA: How do you decide what project gets funded. There's a really big need in 38 39 Nuiqsut. I have a manager who's trying to start the 40 studies on (indiscernible - away from microphone) and 41 contaminants in ourfish because we're gettingnothing --42 like more and more sick fish. 43 44 MS. HYER: Right. 45 46 MS. ITTA: And it's all being -- we're 47 just being told it's mold and we think otherwise. So 48 and then when we request like I don't know if there's a 49 Borough Fish and Wildlife, the studies that we request 50

Page 283 never hear back. 1 2 3 MS. HYER: Okay. 4 5 MS. ITTA: So I'm wondering how we can 6 start the process of testing our fish for 7 (indiscernible - away from microphone) and like Gordon 8 mentioned yesterday, you know, the difference between their river is 50 some miles away to our river where 9 10 we're getting a lot of sick fish. 11 12 We need to start that process in 13 Nuiqsut because the -- you know, our people are hurting 14 and now it's -- you know, it's getting to all our fish 15 that we catch year round. 16 17 MS. HYER: Uh-huh. 18 19 MS. ITTA: So I wondered how you guys 20 prioritized which projects get funded or how I can 21 start that process. 22 23 MS. HYER: Okay. So that's many 24 questions. And what I'm going over right now is the 25 process for how we decide after proposals are 26 submitted, how we evaluate the proposals. So I'm going to step back from that for a minute. 27 28 29 So the first thing I want to address is 30 that when the Monitoring Plan was developed there's 31 several things it won't fund. It won't fund habitat studies, it won't fund contaminant studies, it won't 32 33 fund hatcheries. And it was decided when this program was created that those specific issues were better 34 35 funded through the land managers which I know is really difficult because I know contaminants is a..... 36 37 38 CHAIRMAN BROWER: Can I say something 39 on.... 40 41 MS. HYER: Yeah, absolutely. 42 43 MS. PATTON: So come up..... 44 45 CHAIRMAN BROWER: You said it won't -it won't fund..... 46 47 48 MS. PATTON: .....come up to the mic. 49 50

1 2 3 4 5 6 7 8 9 10 11 12	CHAIRMAN BROWER:habitat studies and we've been crying about the habitat issues, about why the productivity in some of our lakes is reducing. And it seems to be a habitat issues, but we've never been told oh, we can't fund that because it's habitat. Is there a disconnect there and then and a failure to communicate in letting us know well, there you want to go to the land manager at that point, maybe through the manager of BLM, the Northern Field Office in BLM in Fairbanks and go directly to them for that type of a concern. Is that what I'm hearing?
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	MS. HYER: So I think when I say habitat studies it's the traditional habitat studies. You just talkedabout a productivity study. And those a fisheries productivity study we would fund. And it may be related to habitat, it may be related to climate change, it may be related to overfishing. That is a productivity question, it is legitimate under this funding mechanism. And sometimes we have had where we can't we can't actually fund toxicology studies, we have had projects where we might fund the productivity part of it and then they might use the funding we have and go out and secure other funding. So they have a project that has multiple funding components and one component is funded from one source and another component is funded from another source.
29 30 31 32 33	Yeah, and if you turn to I recognize you're not at your table, but what we do not fund is on page 50 of your books and I'll just read it to you so it's in the record. But it says
34	MS. ITTA: Page 50?
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	MS. HYER: 50 150. It says activities that are not eligible for funding including habitat protection, mitigation, restoration and enhancement. So that's what I mean when I say habitat. And what I heard from you is productivity. And so just to clarify the language. Hatchery propagation, restoration, enhancement and supplementation. So we don't fund that. Contaminant assessment, evaluation and monitoring. And then the last one is projects where the primary or only objective is outreach and education. For example, science camp, technician training and intern program rather than information collection.

Page 285 So I just want to pause right here and 1 2 see if there are any other questions before I go on. 3 4 MR. SCHAEFER: (Indiscernible - away 5 from microphone).... 6 7 MS. ITTA: I'm just really confused, us 8 too. You know..... 9 10 MS. PATTON: Come up. 11 12 MS. ITTA: I'm just trying to understand, get a better understanding of your 13 monitoring program if because sounds like you guys 14 15 don't fund a lot of the things that are really 16 important and really needed in our area. And it just 17 doesn't make sense to me that you guys wouldn't do 18 that. What the purpose of you guys' monitoring program 19 when the concerns and the -- are so high and who's 20 responsible for them. I know it's -- should be the 21 industry, but that never, ever happens. I know they 22 have a lot of control, but, you know, we're trying to 23 get answers, the real answers on why we're having this 24 fish crisis for so many years, it's been since I 25 believe 2013 since we've started having them. I know 26 there was concerns before then, but we really started to get the sick fish back in 2013 and it's just getting 27 28 worse and worse. And I'm just trying to get a better understanding on your monitoring program that would 29 help my community and try to get answers and try to 30 save our fish. My community's hungry already and, you 31 know, this is really disappointing to hear that you guys don't fund such studies when it's really highly 32 33 34 needed and it should be happening, no questions asked. 35 36 HYER: So, Martha, if you're --MS. 37 you're talking about studies because you're seeing 38 declining populations or they're not there and that was 39 one of the reasons we funded the Colville study, that 40 came out in Nuigsut and they had no idea about their grayling and they were really concerned about if some 41 traditional foods went away, if people harvested more 42 43 grayling what the effects would be and also where they 44 were because if the climate start changing, the fish go 45 away, they wanted to know what the basic population 46 looked like. Those kinds of projects we fund. What we 47 don't fund is toxicology projects. So I think 48 that.... 49 50

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Page 286 1 MS. ITTA: So if we to do a proposal to 2 you guys -- if we were to do a proposal to you guys 3 then what would we put into our proposal, I mean..... 4 5 MS. HYER: Yeah. 6 7 MS. ITTA: .....it's really confusing because it's all connected. I mean, there's so many 8 9 issues with our fish. 10 11 MS. HYER: It is very interconnected and I think what I would recommend is starting a 12 13 dialogue. And this is why I want you to start thinking about priority information needs. We should start a 14 15 dialogue and start talking about specifics because then we can talk about -- if you're talking about whitefish 16 17 or grayling or what exactly you're interested in. Are 18 you interested in you're not seeing harvests of fish, 19 are you interested in -- you're worried that you don't 20 know even what a population assessment is. And from there we can start stepping things down. So this is 21 22 not too early to start talking about real specifics 23 because through our program we can start putting you in 24 connection with the managers and the researchers who 25 know best what's going on in the area. And then from 26 there that's a great genesis for a project. 27 28 CHAIRMAN BROWER: Here's a quick 29 observation and maybe it's going to help Martha a little bit. Last week even to today there's reports of 30 31 fish bellied up and they're frozen into the ice right 32 now. You can -- while they're putting nets they're 33 seeing these dead fish that are getting frozen into the 34 net. 35 36 MS. HYER: Uh-huh. 37 38 CHAIRMAN BROWER: We don't know what's wrong with that, but it's unusual. And seems to me 39 40 there's -- should be somebody willing to see what's the 41 matter. 42 43 MS. HYER: Uh-huh. 44 45 CHAIRMAN BROWER: And it could be 46 various different reasons. And the criteria to get a 47 study funded seems limited and we just want to see how 48 these concerns can fit into the funding..... 49 50

Page 287 1 2 MS. HYER: Uh-huh. 3 CHAIRMAN BROWER: .....the ability to fund it. It might be a wordsmithing thing that we 4 5 might have to say the right words in order for something to rank higher. And I think that's what 6 we're trying to figure out is and maybe some of the 7 8 dilemma about -- Nuiqsut has issues about their fish 9 over there and now bellied up dead ones being frozen in 10 the river. All around near Barrow there's concerns about where'd the fish go, you know. 11 12 13 MS. ITTA: My -- can I.... 14 15 MS. HYER: Yeah, absolutely. 16 17 MS. ITTA: Where I'm getting at, you 18 know, what I'm trying to -- what I'm trying to 19 understand and, you know, get out there is, you know, within the permitting process with any project they 20 21 need to show that there is, you know, the least impacts or no impacts to the community that's near the projects. And I'm just wondering, you know, with the 22 23 issues at hand with our fish and our animals, how these 24 25 projects are getting permitted without the full analysis of these sick fish or animals that we -- that 26 we're dealing with today. That's my concern is, you 27 28 know, because more development is happening and we're not getting answers about the depletion of our subsistence fish and our subsistence resources, our 29 30 31 waters. That's really concerning to me and I'm trying 32 to get a better understanding of what -- how we can better handle this situation. 33 34 35 CHAIRMAN BROWER: So having I think 36 listening to some of that because that's coming from a 37 tribal administrator and concerns raised about the subsistence resource. And I think Martha's group would 38 be a great candidate to put a proposal in. And if 39 40 somebody else having heard the concerns in one ear and 41 out the other and nobody's willing to write the proposal and I think that's what we're kind of up 42 43 against because I feel kind of the same way that -- I 44 think I mentioned Tasigruaq fisheries five years ago 45 when the fishermen there were saying (in Native). You 46 know, what's -- what -- they're saying what's wrong with our fish, we can't get them. And so it's -- those 47 are the types of concerns. And it's almost like the 48 49 Navy is back and dynamiting the fish and nobody's doing 50

anything about it. Because they dynamited that lake in 1 the '50s and depleted all the subsistence fish in the 2 3 past. So it's just those types of concerns. 4 5 There should be some way to respond to 6 these things where we're not overly stressed that -- we 7 just become working partners. And I don't know if it's 8 territorial, this is my area and I -- you know, I'll be the gatekeeper of anything and all. Just like I heard 9 the other day about, no, we don't comment on that 10 stuff. Yes, you do. You do comment on that stuff. So 11 12 it's a different approach and people got to get out of their comfortable spots. It's not the -- you know, I mean, I'm an appointee of a mayor for a department and 13 14 15 sometimes I feel like I'm dealing with deep state 16 employees myself, you know, and that kind of thing. 17 18 MR. RISDAHL: Mr. Chairman, Greg 19 Risdahl, Subsistence Division lead. 20 21 I think what Karen was getting at is 22 when she said we should start a dialogue is we would be 23 more than happy to talk with the Council about a 24 priority information need for instance related to this 25 concern. We as -- our fish biologist, somebody would 26 definitely work with you guys to help develop one of 27 these PINs so that it goes forward into the next funding cycle. Now we don't develop the proposals, we 28 29 can discuss options and -- so you guys can consider how you might refine your priority information need so that 30 when it goes out to the public searching for some 31 32 researcher that would be interested in doing that kind of a study, whether it's the State or university, Fish 33 34 and Wildlife, whatever, you'd have a well formulated priority information need such that somebody would say 35 36 you know what, this is something we really do want to 37 study and it fits with the program. 38 39 Now I don't know what's going on there, 40 if it is a result of past mining, you know, we don't 41 know. So that's why the dialogue that Karen's talking about would be important to initiate. And then develop 42 43 that priority information need and that is the RACs 44 job. You guys can do that. And so it ends up going into the process. And when that call for new proposals 45 46 goes out, hope that there's somebody interested. And 47 you can do your own marketing as well. I mean, we can help, other people can help to try to find the 48 49 appropriate scientist that would be interested in doing 50

Page 289 something like that. I mean, they may be sitting here 1 2 in this room, Fish and Game. 3 4 CHAIRMAN BROWER: Yeah. And I think 5 it's important to talk about it enough where people 6 understand. Like Martha as a tribal administrator or 7 Jack or somebody, they understand better that these 8 resources are there. And it sounds like it's only a 9 funding mechanism, that it is not responsibility for Karen to go out there and put a net and take counts and 10 visually look at the fish in the area and determine the 11 12 health and the viability of that species for indefinite 13 period of time or something. 14 15 But we talk about it in a way, the 16 seriousness and the concerns of what is fundable so 17 that we have an opportunity to submit to a legitimate 18 funding mechanism that is able to grade it for what it 19 is in your ranking system. And that means we have to 20 do wordsmithing and what are the key phrases that are 21 going to allow us to get our ears more heard about the 22 concerns of these subsistence resources that are at 23 risk or at issue. 24 25 And then still understanding that even if it's -- nobody wants to submit it that the tribe can 26 submit that and hire me as a fisherman, say why don't 27 28 you go out there and I'll pay you a thousand bucks to catch 50 fish so we can autopsy them, whatever. 29 You know, I mean, if nobody's going to do it maybe we have 30 31 to do it, you know, who knows. 32 33 MR. SCHAEFER: Mr. Chair. 34 35 CHAIRMAN BROWER: Yeah, go ahead, Jack. 36 37 MR. SCHAEFER: (Indiscernible - away 38 from microphone)..... 39 40 CHAIRMAN BROWER: Office of Subsistence 41 Management, Fish Division lead. 42 43 MR. SCHAEFER: (Indiscernible - away 44 from microphone).... 45 46 MR. RISDAHL: Office of Subsistence 47 Management and our program is primarily responsible for the FRMP, Fisheries Resource Monitoring Program and the 48 49 Partners Programs that are basically funding mechanisms 50

Page 290 research for -- that benefits subsistence 1 to do 2 fisheries. 3 4 CHAIRMAN BROWER: Which we've been 5 expressing I think for quite some time. I can't 6 remember when Nuigsut started having concerns about 7 burbot.... 8 9 MS. HYER: Uh-huh. 10 11 CHAIRMAN BROWER: .....the litter from 12 the (indiscernible - away from microphone) landfill 13 issues to contaminates there and many different concerns. And it just -- I know we have North Slope 14 15 Borough, but they're not the -- I mean, they will have to seek funding too. They do research with grants and 16 other things like that, but -- and then to provide 17 18 synergies. Maybe they're over tasked themselves and 19 some of these things are.... 20 21 Anyway maybe it's not a big concern 22 it's made out to be and it's, oh, yeah, it's just they got the wrong size net or something and they don't 23 24 catch anything. Who knows. I don't know what it is, 25 but certainly I've encountered it myself and I've been 26 fishing there for 30, 40 years. 27 28 MS. PATTON: Mr. Chair and Council. If I may just very quickly. I know we have a number of 29 new Council members who were just appointed to the 30 31 Council this -- in the winter of this past year. One 32 of the things that this Council had established was a 33 working group to work on the Fisheries Resource 34 Monitoring Program priorities, to get feedback 35 specifically. I know Rosemary was a part of that group 36 when she was a Council member. And that feedback 37 directly from you and what your community's needs are, Karen and I work on that and we can bring in other 38 39 biologists who are knowledgeable. We also work with 40 anthropologists and Subsistence Division researchers to 41 address that traditional knowledge and the harvest needs of the community and changes that you're 42 43 experiencing. 44 45 So we can set up a working group by 46 teleconference. And those are informal for us to just 47 talk and work through what you're seeing, what you see your community's needs are and how we can best develop 48 49 those priorities so they have the best opportunity of 50

Page 291 being funded and finding the right people who can 1 2 partner with the community to do that research. And so 3 that's an ongoing working group that this Council has established. And so we'll be following up after this 4 5 meeting and before the next meeting to have more 6 dialogue on this so that when we come to the winter meeting, you know, we have some good, strong proposals 7 8 and avenues that they might be able to get funded for 9 those priorities. 10 11 Thank you. 12 13 MS. ITTA: (Indiscernible - away from 14 microphone) that the Council to be able to help us get 15 answers and get forward with the studies that we 16 want.... 17 18 MS. PATTON: Yes. 19 20 MS. ITTA: ..... (indiscernible)..... 21 22 MS. PATTON: Yes. Absolutely. And so 23 after this meeting we'll be following up to find a good time for all our Council members. And it's just a call 24 25 in by teleconference, so 1-800 number. And we can do 26 that as many times as we need to to keep having this 27 discussion so that by the next meeting when those 28 priority information needs are being asked for that we 29 have some -- you know, some solid proposals and the details that we need from the community to find a good 30 31 avenue forward, that they might be able to get funded 32 and find partners and to be able to do that research. 33 34 MS. ITTA: (Indiscernible - away from 35 microphone).... 36 37 MS. PATTON: Absolutely. Thank you. 38 39 MS. HYER: Yeah, Martha, I agree. It's 40 important because sometimes the dialogues take a long 41 time. But I just wanted to point out that whole grayling study that we just heard about did come out of 42 43 concerns out of Nuigsut. And we started with a 44 conversation with Rosemary and developed that from 45 And so these conversations need there. to be 46 continual, they need to be informal and formal and 47 we're starting our official conversation for the next 48 PINs, but it's really important that you continually 49 bring your concerns. And I've mentioned that to Gordon 50

Page 292 too. And I know that you sound like you're repeating 1 2 yourself, but it's important that we hear it again 3 because we don't always get an investigator that will 4 fit that project and sometimes we have to continue to 5 look. 6 7 MR. SCANLON: Thank you. Once again 8 Brendan Scanlon, Fish and Game. 9 10 So, Martha, we have a pretty excellent 11 pathology lab in Anchorage for -- that will examine fish at no charge. And it's pretty common that we'll 12 13 get a call and say, hey, we got a fish with, you know, three eyeballs and feathers, can we get this looked at. 14 15 It's a lot of scrambling to get it down there in the 16 condition that the pathologist will want it in to dissect it and take the measurements that he needs. 17 18 But typically it's no charge for..... 19 20 Would you guys have like a MS. ITTA: schedule of the time of the year, what time to go do 21 22 these studies or get these samples? 23 24 MR. SCANLON: So this -- they have 25 their own work to do, but they will take, you know, one 26 or two, a handful of fish from concerned people around the State all the time. To do something comprehensive 27 where we send them a hundred fish a month, I don't know 28 29 if they can handle that and it would probably require 30 some kind of contract to do that. 31 But and, Mr. Brower, you touched on it 32 33 earlier. The North Slope Borough is pretty unique, it 34 has a pretty comprehensive Wildlife Department with a 35 fisheries research staff, laboratory and a Wildlife 36 Todd Sformo has a whitefish program, it's pretty vet. 37 detailed and it's on their website. I think he would 38 be the first person to start with. We talked a little bit about that yesterday, I can approach Todd again 39 40 about some of the concerns here. 41 42 CHAIRMAN BROWER: Yeah, I'm pretty 43 familiar -- I'm pretty familiar with that whitefish 44 study because we are -- we took part in that. 45 46 MR. SCANLON: Uh-huh. 47 48 CHAIRMAN BROWER: And to see the --49 where those fish come and go and overwinter after they 50

Page 293 spawn in Ikpikpuk. 1 2 3 4 MR. SCANLON: Uh-huh. 5 CHAIRMAN BROWER: The ones we're 6 talking about is like Tasigruag where they're pretty 7 much land-locked in the lakes..... 8 9 MR. SCANLON: Uh-huh. 10 11 CHAIRMAN BROWER: .....these lakes that 12 have whitefish in them. And a little bit different, 13 it's the same species, they taste different..... 14 15 MR. SCANLON: Uh-huh. 16 CHAIRMAN BROWER: .....but it's the 17 18 same species because they're stuck inside lakes. 19 20 MR. SCANLON: Uh-huh. I still think 21 maybe starting with the Borough Wildlife Department 22 first. Todd's a smart guy, we played racquetball in 23 college, we talk about fish all the time. I'd be happy 24 to work with him in any capacity I can, but I think it's something that could be done probably a lot 25 26 quicker than going through a whole proposal and review 27 process and it might be something we're talking jump in 28 a plane or a boat and get started pretty soon. But 29 I'll make sure to contact him when I get back to town. 30 31 Thanks. 32 33 CHAIRMAN BROWER: Yeah. I'm just like 34 a messenger. There's at least maybe 20, 30 different fishermen that fish that lake and about all of them 35 talk about it the same way, including myself. 36 37 38 MS. HYER: All right. That was a great conversation. And I just want to step back from that 39 40 because that was a lot of talk about how we're going to 41 develop our priority information needs. And that is the part we're going into in -- this winter and on from 42 43 there. 44 45 But what I'm talking about right now is 46 after we develop the priority information needs, after 47 we put out a call for proposals, after the proposals have been submitted then -- so we're talking about the 48 49 2020 proposals, they came in and the Technical Review 50

Page 294 Committee reviewed those proposals and put a score on 1 2 those proposals. 3 4 So now we're to this meeting and during 5 this meeting we're going to -- I'm going to present to 6 you the proposals that were submit, there were four of them for this region, and I'm going to ask the Council 7 8 to help me in any recommendations they have that would 9 ensure these selected proposals are implemented successfully. And are there any obvious concerns about 10 the individual projects that were submitted. 11 12 13 And so we will go back and we will 14 review these two questions at the end of my 15 presentation because that is the Council's opportunity 16 input on the proposals that actually were submitted to for the 2020 FRMP. 17 18 19 So after I receive your input today I will take that back with me to Anchorage and we'll put 20 21 that together with the TRC scores and the next group 22 that looks at it is the Interagency Staff Committee. 23 And just as a reminder that is the staff to the Federal 24 Subsistence Board. So they're the people that 25 consolidate the information and talk directly with the 26 So they will -- they'll look at all the Board. comments and then they'll develop their own comment. 27 28 And so all of these comments then go to the Federal 29 Subsistence Board in their January meeting. Until the Monitoring Plan is implemented we call it draft. So 30 31 then the Federal Subsistence Board will look at all the 32 comments and they'll endorse the funding plan. 33 34 CHAIRMAN BROWER: I've got a question 35 real quick. 36 37 MS. HYER: Absolutely. 38 CHAIRMAN BROWER: Eva told us to mark 39 40 off Interagency Staff Committee, that it doesn't exist 41 no more? 42 43 MS. HYER: Did that just happen, Eva? 44 45 (Laughter) 46 47 CHAIRMAN BROWER: You're saying that 48 the Interagency Staff Committee will rank..... 49 50

Page 295 1 2 MS. PATTON: Mr. Chair and..... 3 CHAIRMAN BROWER: I haven't erased 4 anything. 5 6 MS. PATTON: Yeah. Mr. Chair and 7 Council. 8 9 CHAIRMAN BROWER: Interagency Staff 10 Committee no more. 11 12 MS. PATTON: And this is..... 13 14 MS. HYER: You have to put it back on, 15 Gordon. 16 17 MS. PATTON: .....this is just for 18 regulatory proposals. So the FRMP process is a 19 different process. So we don't have to worry about these procedures . This is just for regulatory 20 21 proposals. 22 23 MS. HYER: I got excited there for a 24 minute. I was thinking about all these meetings I 25 could cross off. 26 27 No. no, they're still alive and well 28 in Anchorage and they're still a part of this. 29 30 And so all of this goes together and 31 then we -- what we do is we have -- we have a list of 32 projects and then we fund down that list. Because it depends on budgets, how many projects we can fund. And 33 34 so we'll rank them in the order of what -- when I say we, that's the collective, including what the RACs have 35 to say, that's the collective input. And then we fund 36 37 as many projects as we can depending on our budget. 38 39 So I just want to spend a minute 40 talking specifically about this region and then we'll 41 go back and we'll talk about the projects that were 42 submitted. 43 But I have a graph of what's been 44 45 funded in this region. And to date since this whole -the funding for research became available starting in 46 47 2000, and we funded a total of 49 projects in this 48 region with a total of \$11.8 million spent. And that's 49 basically what those two charts show you. And they're 50

also in your book. I know they're a little bit hard to 1 see on the screen. But it's just a history of what's 2 3 been funded here. And in your books there's also a 4 history of the projects that have been funded in the 5 northern region. 6 7 So now back to the work we have to do. 8 There are four projects that were submitted for funding 9 this year for the 2020. And unfortunately there were 10 no projects submitted from North Slope. There was one 11 submitted from Seward Peninsula which is Fish 12 Assemblages and Genetic Stock Determination of Salmon 13 in the Bering Land Bridge. And then there were three submitted that would take place in Northwest Alaska. 14 15 One is Life History Variability, a Mixed Stock Analysis of Dolly Varden in the Noatak River. And then 16 17 the next one is Traditional Ecological Knowledge of the 18 Dolly Varden and Whitefish Species in Northwest Alaska. 19 And then the final one is Increasing Beaver Activity in Northwest Alaska, Traditional Ecological Knowledge and 20 21 on Subsistence Geospacial Analysis of Impacts 22 Resources. 23 24 And that's the end of my slide show so 25 if anybody has any questions I will -- I'll take them 26 now and then I suggest I guess that we reconvene and then I'll take the Council's input on the projects. 27 28 29 But does anybody have any questions 30 about the process? 31 32 MR. SCHAEFER: Jack Schaefer, Native 33 Village of Point Hope. I notice, you know, the presentation indicating that 34 35 contaminants are not included. 36 37 I don't know how coordination takes 38 place, but I did mention earlier that there was a section 810 of ANILCA hearing..... 39 40 41 MS. HYER: Uh-huh. 42 43 SCHAEFER: ....that took place MR. 44 here in regards to -- they called it zoning, but they really wouldn't say what that section 810 is. 45 And 46 section 810 deals with any impact on subsistence; is 47 that right? 48 49 MS. HYER: Uh-huh. 50

Page 297 MR. SCHAEFER: Right. If there's an 1 impact on subsistence you can have a hearing to address 2 3 it with the BLM. And so I do hope that there are interagency coordination. I guess Clinton and Obama 4 and -- had these executive orders that had this 5 6 interagency and tribal and coordination directives, 7 executive orders they called them. 8 9 MS. HYER: Uh-huh. 10 11 SCHAEFER: And I don't know MR. if 12 they're still in affect now, but, you know, if it does take a section 810 to trigger it then maybe that's what 13 it is. I don't know. I'm kind of asking if that's --14 15 since someone asked already..... 16 17 MS. HYER: Uh-huh. 18 19 MR. SCHAEFER: ....as do you get something going if it's not going. I mean, you said 20 you won't do contaminants, you know, will section 810 21 22 force the issue or have someone else assigned? 23 24 HYER: So I'm not clear about MS. 25 section 810 and I'm not sure. But what I would like to 26 add is that the FRMP funds don't do contaminants. Fish 27 and Wildlife Service does do contaminants and sometimes 28 we join forces with other divisions in our agency. And 29 addition sometimes we work with BLM and other in agencies and they bring the expertise for that. And so 30 31 we'll partner and we'll pay for part of a project and they'll pay for another part of the project. And it's 32 a partner project and so it's one big project together, 33 34 but we don't provide all the funding for it. 35 36 there several different So are 37 to get accomplished what you want mechanisms accomplished. And sometimes it's a matter of getting 38 it identified and then going out and seeking the 39 40 partners. 41 42 But anyway I'll turn it over to Pat. 43 44 MS. PETRIVELLI: Hi, this is Pat 45 Petrivelli. And section 810 is a clause in ANILCA so 46 it's a law and the agencies have to follow it. So 47 whenever a Federal agency has to make a decision about whether to withdraw, reserve, lease or otherwise permit 48 49 the use of public lands that might affect subsistence, 50

1 2 3 4 5 6 7	they have to conduct a section 810 analysis. And that's usually part of the EIS process. So BLM has a responsibility to do it, the Park Service has a responsibility to do it, like an environmental assessment. They do section 810 hearings with the Ambler Road. So any Federal agency has to do that.
8 9 10 11 12 13 14 15 16 17 18 19 20	The Federal Resource Monitoring Program is to look at the monitoring resources used for subsistence. Now this 810 analysis is deals with managing the land and the Board made a decision that the individual land agency should bear the cost of that activity because it's a responsibility they have in regards to managing their land activities. And so and they might put that cost onto whoever wants to lease that land so they have to pay for the studies. So when you conduct an EIS those people have to pay for all those studies. Like with the Donlin Mine process, with the Pebble Mine projects, all of those people are supposed to pay for those the cost of those studies.
21 22 23 24 25 26 27 28 29 30 31 32 31 32 33 34 35	Now the contamination that comes afterwards that's a that a responsibility of the land management agency because their they should be monitoring, when people take they have the responsibility to manage that land and make sure if they allowed a permitted activity on it, if someone's contaminating it they should be monitoring that and do that. This Subsistence Resource Use Monitoring Program is to give the Federal Subsistence Board information so that they can better manage the resources for subsistence users. That's the main purpose of it. And then they also want to involve the subsistence users in that research.
36 37 38	So it's not a very big pot of money, it's what \$2 million this year.
39 40	MS. HYER: Yes.
40 41 42 43 44 45 46 47 48 49	MS. PETRIVELLI: It's a very limited pot of money and it's \$2 million for the whole State. So that's why the Federal Board made a decision to leave the studies of contaminants, habitat restoration and all that to the land management agencies themselves because as managers of those resources they should have that responsibility to conduct those studies. And but ANILCA does say that should be
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Page 299 810 analyses and that's how subsistence users get involved again and that's how this Council would get involved again because then as subsistence users you could say when someone is going to be permitting the use of that resource you can say please monitor the contamination of these resources, please put in your budget permit conditions, please do this, please do that so that subsistence resources are protected. The 810 process is for that, not for the FRMP program to pay for those studies. MS. ITTA: Okay. I want to go back to your guys' funding on projects, your guys' list of things that you guys do not fund. MS. HYER: Okay. That's in our book. MS. ITTA: And I want to make a request to remove some of that literature such as you guys do not fund for contaminants of fish and I'd like that literature removed and changed to be able to get studies done with contaminants because that's a big concern in my village and what's the process to be able to do that. MS. PETRIVELLI: Annual report. MS. ITTA: Because our commun -- you know, our community needs are really sensitive and in demand right now. And we're seeking answers. And these requirements or these projects that you don't fund under these, what you call it..... MS. HYER: FRMP. MS. ITTA: Yeah. That needs to change because our needs are -- you know, we need these studies done and I'm requesting to get that language removed to be able to get the studies done and funded. Thank you. I just want to know what that process is to be able to do that. MS. PATTON: Thank you, Martha. Thank you for bringing that to our attention.

47 And part of the avenue for the Regional 48 Advisory Council, so that decision to separate those 49 funding from the FRMP process as Pat mentioned was made 50

by the Federal Subsistence Board. This Council has an 1 avenue directly to the Federal Subsistence Board to 2 3 bring your concerns to them, to make requests, research 4 requests, information requests. And that's actually part of our final discussion at this meeting is the 5 issues the Council would like to bring in your annual 6 7 So we've had a lot of discussion on this report. 8 concern and we can -- we can add one of the topics to that report to request removing the contaminants for 9 the FRMP and all the justification you've discussed 10 here. And so I draft that up after this meeting and we 11 get it back to the Council and then the Council 12 actually approves that report at our winter meeting so 13 14 we can fine tune and make sure we get all the language 15 that you would like to convey to the Board on this 16 concern and make that request. 17 18 MS. ITTA: Okay. Thank you. 19 20 MS. PATTON: Uh-huh. Thank you. Ι 21 think we're at the stage now where we can gather the 22 Council back here for the final discussion with Karen 23 on the projects that were submitted for this year. So 24 you guys can sit down, that was it for the Power Point 25 and we'll turn the lights on. 26 27 (Pause while Council gathers) 28 29 CHAIRMAN BROWER: All right. I guess we'll get back to where we were. And I appreciate the 30 31 presentation and all the dialogue and the Fisheries 32 Resource Monitoring Program. And I thought that was a 33 pretty good, you know, exchange and, you know, I know it gets heart-wrenching sometimes when we get to these 34 35 things that affect subsistence and local users. 36 37 So was there any questions from the 38 Council that they wanted to pose to Karen on her program and her presentation, any further questions. 39 40 41 MR. SCHAEFER: Mr. Chair. 42 43 CHAIRMAN BROWER: Jack. 44 45 MR. SCHAEFER: Has there been any 46 projects that were rejected by your group when they 47 were brought up? 48 49 MS. HYER: No. During our request for 50

proposals we only received four proposals for this 1 2 region. So there's nothing that was rejected. 3 Everything that was submitted was on this list. And 4 once in a while we might get a proposal that absolutely doesn't quality, it's very rare. And so every proposal 5 6 this year -- or maybe it wasn't complete or something was wrong with it, but this year every proposal that 7 8 was submitted is in a regional book to be commented on 9 by the RACs. It's rare that a proposal is rejected. I won't sit here and say it's never happened, but in the north everything that came in is in the books. So 10 11 12 unfortunately we only received four proposals for this 13 region. 14 15 CHAIRMAN BROWER: And those four 16 proposals were the ones that you showed, the one for 17 salmon and the one in Northwest Arctic area for 18 whitefish and not very much specific to the North Slope 19 region, but to the Northwest Arctic region and maybe 20 the Seward Pen region. 21 22 MS. HYER: Yes. Yeah, unfortunately we 23 didn't get a proposal that was directly related to this 24 The four proposals we received are on page region. 25 154. And then below that when you go further in the 26 book their executive summaries start on page 158. And 27 so I just am asking..... 28 29 CHAIRMAN BROWER: And just a question. 30 31 MS. HYER: Absolutely. 32 33 CHAIRMAN BROWER: In those four 34 proposals being that they're not exclusively or not related to the North Slope region's RAC and you're 35 asking this North Slope RAC for some sort of ranking on 36 37 those things? 38 39 No, I'm not asking for a MS. HYER: 40 ranking. So I -- just before I answer your question I 41 just want to step back and the reason we're coming to you is because the northern region, research region, 42 43 has three RACs. So we're posing these questions to the 44 -- all RACs and every RAC has the opportunity to weigh 45 in. And sometimes we have a lot of proposals from this 46 region and nothing from Seward Peninsula. But we still 47 allow them because the region for research purposes is 48 considered -- and for funding purposes is considered a 49 whole, so we seek input from all three RACs. 50

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Page 302 And what I'm seeking as input is to answer two really specific questions. And I'm seeking the Council's wisdom and recommendations. And given these projects we want to know if you have any recommendations to ensure that the selected projects are implemented successfully. And sometimes we've had proposals that the timing is wrong. And in Anaktuvuk when we had that proposal that was -- in Anaktuvuk they said we love this proposal, but you can't come in during this time of year because you'll disturb our caribou. And so we had to work with the investigators to choose a new time to successfully implement that project. And so and then we've had projects before in the past where Bob has said, you know, you need to look at these rivers and you need to add this river because we know traditionally that these fish move and you want..... CHAIRMAN BROWER: Okay. Just a question here. MS. HYER: ....this. So -- yeah, absolutely. CHAIRMAN BROWER: These four proposals not being in my neck of the woods, I would prefer to give deference to the Regional RAC that they emanated out of and say we give deference to them. And that -they make those determinations whether or not the timing is off because I don't think maybe those guys

33 know the timing of Ikpikpuk River spawning. I have 34 very intimate knowledge about that. And I don't think 35 somebody from the Nome or Seward Pen area would have as 36 much knowledge of the rivers up north that are in my neck of the woods. And to suggest add this river and 37 add that river and I -- I mean, is it proper just to 38 say we recommend that you give deference to the 39 40 regional RAC where these proposals were proposed from 41 and that we support these things because they are -they're trying to figure out something that's troubling 42 43 them. 44 45 MS. That is absolutely HYER: 46 acceptable to make that statement. 47 48 CHAIRMAN BROWER: And are you looking 49 for something in the form of a motion or do we just say

Page 303 well, our recommendation, we're just going to tell you 1 give deference to the RAC that it came from and I think 2 3 they really need support and we support these studies 4 to go on. 5 6 MS. HYER: Yes, Mr. Chairman. That --7 that's absolutely fine. This is not an action item, we 8 don't need a motion. We just need input. And if you 9 feel that the expertise is not in this area and that you want to give deference to the other RACs that is 10 absolutely fine. 11 12 13 CHAIRMAN BROWER: And by the way, just 14 one more question. Is it the RACs that's proposing 15 this or is it the tribe on some of these things or is 16 it a -- somebody's keen interest in doing the study? 17 18 MS. HYER: So the RACs propose the 19 priority information needs, but the response to those 20 needs is by the investigator. So it's people that are interested and have the expertise to do the research. 21 22 And I think we had talked a little bit about some of 23 your interests that haven't been addressed yet. And so 24 I expressed that it was really important to keep those 25 in front of the researchers. And we just need to do more outreach because it's entirely possible that 26 somewhere there's a researcher that has that expertise 27 28 and they either have been too busy, sometimes people have -- because this is funding that's cyclic, 29 sometimes they have so many projects going on that 30 they're interested, but they can't take on another 31 32 project and they might need to wait several years or it 33 could be we haven't sent it to the right person that says, oh, yeah, I've got the expertise and the interest 34 in that. So there are different factors that can cause 35 36 PINs to stay on the list for sometime until we find 37 somebody that can address them. 38 39 CHAIRMAN BROWER: Thank you, Karen. 40 Any additional questions for her presentation? And there's no action item here, we could, you know, 41 individual concerns about supporting these study 42 43 designs and stuff is one of her endeavors I think. 44 45 Mr. Schaefer. 46 47 MR. SCHAEFER: Do you have arrangements 48 with other tribes to perform those functions and the 49 monitoring projects and how do we get involved should 50

we have interest. And do you have a priority to -- are 1 2 these contracted out, do you do it in-house or do you 3 contract with tribes because of location, you know, and 4 -- or corporation. How does that work? 5 6 MS. HYER: So when we put out the notice of funding opportunity which I call the call for 7 8 proposals because that makes more sense to me. But 9 when we publish that we have funding and this is where we'd like to see the research focus. Anybody, 10 including Gordon's kitten, can submit a proposal. And 11 12 so a tribe can. And we do have projects that are implemented. The Native Village of Eyak runs 13 fishwheels on the Copper River and they produce chinook 14 15 salmon abundance for that river. And until they started doing that there was no chinook salmon 16 abundance on that river, they had no idea how many fish 17 18 were really going up that river. And there are other 19 places where like the Native Village of Napakiak helps 20 with projects on the Kuskokwim. And there are -- we 21 have different groups that are involved. 22 23 So anybody can submit a proposal, but 24 like I had said before our strongest proposals tend to 25 be ones that have several different investigators 26 because different people bring different expertise.

27 And so you might need the Native village to provide the 28 local knowledge expertise and you might need the 29 scientist with the biologist to provide that part. And 30 we have had successful projects out of Kotzebue where the Native Village of Kotzebue has partnered with the 31 university because they both need each other to 32 33 implement a successful project. And those tend to be 34 really successful because usually one individual 35 doesn't have all the expertise.

CHAIRMAN BROWER: So and I think Jack posed a good question about because we're lacking that aspect of it ourselves too, of the know how. But it's -- the more you talk about it, here's a -- here's a picture that's formed from Jack's question and your response.

I'm Native Village of Barrow, I have a big problem with my Tasigruaq Lake, it's a big lake, it's 10 miles long and five miles wide. It's a big lake, lot of fishermen fish in there. So I'm Native Village of Barrow, I write this like I'm seeking a grant. With your proposal that you're going to do 50

1 2 3 4 5 6 7 8 9 10	calls for proposals and you're going to have a document that we can use as a template maybe, and you're nodding in the affirmative, use your template. We write as what the fish concerns that we're hearing from the fishermen and then we think about maybe there's a spawning problem here. Let's write about the reproductive nature of this fish and find out why it's not reproducing in this lake at the rate to sustain all of this fishing and the sudden decline of those things.
11 12 13 14 15	And then as Native Village of Barrow I'm going to contract with Koniag and Jim Bob and those guys that are willing to take time to go fish in that lake and collect their data
16 17	MS. HYER: Uh-huh.
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	CHAIRMAN BROWER:and maybe get a sample or two to figure out what's the type of fish and try to find out what's going on with reproductive whatever, I'm not the biologist, I'm just trying to write it in my mind. And then a portion of my study from my tribe, I'm going to talk with the fish wildlife biologist at the Wildlife Department of the Borough and give them a \$5,000 grant to study some of those fish and maybe a trip or two to the lake itself in various times of from spring breakup, during the summer season when they're whatever they do during their lifecycle, to figure out and this is probably going to be a 10 year study. And I'm going to have an expectation to get that funding to do this for a period of time.
33 34 35 36 37 38 39 40 41 42 43 445 46 47 48 49 50	Now is that what you're talking about in the study that might be more fundable provided we're within the guidelines that the you can't do this one, you can't do this, but you can do this, this and that. And then we sufficiently wordsmith it so key words are met and suddenly we're using local people, we're using North Slope Borough scientist and maybe you're involved as a fish biologist, you want to go proof it and whatnot. And then and they'll study it and make a recommendation, say we recommend that we take some of the fish from the lake and put them in a bucket and make them spawn and put them back in the lake with the same water and that's the I'm just it's just a study. And you just you don't fund recruiting or restocking and things like that, but that might that might be the outcome of what needed to be

Page 306 done to -- because the lake was healthy or something, 1 it was just some other variable was interrupting the 2 3 reproductive rate for sufficient catch. 4 5 Is that a reasonable study and that'll 6 start to get ranking in one of your study designs and 7 possibly get \$500,000 funds to do that? 8 9 So, Gordon, just for the MS. HYER: 10 record I was with you all the way to the bucket. 11 12 (Laughter) 13 14 MS. HYER: That is exactly what we 15 want. In just -- I just want to point out like this year it's too -- we have about 1.5 to \$2 million so a 16 \$500,000 project might not fare well under the cost 17 18 benefit of the things I said we look at. But you've 19 got your priority information need and then you identified local partners and you identified people 20 21 that probably have the expertise to execute some of the 22 project that you didn't have expertise to execute and you -- you're talking about a partnership and you're 23 24 engaging local people. So that is a really great start 25 to a project. Those are the things we look for. And you even talked about your budget and you had some 26 thoughts on a budget. And that's part of our proposal 27 is what does the budget look like. So I would say you 28 29 were really well on your way to developing a good project with those kind of thoughts. Those are exactly 30 31 the line that.... 32 33 CHAIRMAN BROWER: See that's what's 34 been missing.... 35 36 MS. HYER: ..... you should be thinking 37 about. 38 CHAIRMAN BROWER: .....is being told 39 40 that we have to do that. 41 42 MS. HYER: Uh-huh. 43 44 CHAIRMAN BROWER: We're just thinking, 45 you know, we let you know our problems and then we can 46 go to sleep, somebody's going to take care of it. And 47 it's not happening. And we've been saying this for five, six years. And it's important to have enough 48 49 feedback to know what we should be actually doing. The 50

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Page 307 tribes can get these monies, I can do it my own as just 1 a person including my cat can submit, I'll write for my 2 3 cat, Fin Fat, my fat cat, is going to study the fish because he loves to eat fish, you know, that's --4 You -- but somebody has to be 5 something like that. willing to write it and do it and it just seems the 6 7 interest is not there from biologists to take up the torch is what I'm saying. 8 9 10 MR. RISDAHL: Mr. Chairman, Greg 11 Subsistence Division Fisheries Risdahl, leader. 12 Karen's exactly right. You laid -- you laid a sketch 13 out of a project that would -- somebody might be very 14 interested in funding, helping you, working with you. 15 Except for the bucket part, she's right, that probably 16 wouldn't go over. 17 18 The only other thing I wanted to point 19 out was that the projects you said for 10 year. Our 20 projects typically are funded for four years at a time. So what would happen is after the four years or just 21 22 prior to if you wanted to continue your study, you were 23 getting some good information and you felt it was 24 worthwhile to continue to gather information, you would 25 submit another project to continue that, that same So you would have in effect another four 26 project. 27 years so eight years. And a lot of research is done 28 that way. But we don't fund 10 years right up front. 29 It would be a commitment to do four years at a time 30 depending on availability of funding. 31 32 MS. ITTA: Mr. Chair. 33 34 CHAIRMAN BROWER: Go ahead, Martha, 35 from Nuiqsut. 36 37 MS. ITTA: I have a question. In 38 regards to what you're talking about, the tribes being able to -- if they decided to contract -- contract out 39 40 for people to do the studies for them or we collect the 41 fish and contract somebody to test them. My question if we were able to do that are we able to use these 42 is 43 studies and information within the EIS process, have 44 like the Bureau of Land Management, Army Corps who are 45 the lead in the EISes to put them into the EISes if we 46 were to go that route? 47 48 MS. HYER: So if you're talking about 49 an EIS you're talking about a specific -- because we do 50

1 2 3 4 5 6 7 8 9 10 11 2	EISes for a specific reason. And I think the information that you collect from a Fisheries Resource Monitoring Project could be used in an EIS. But they are two separate processes for completely different things. The information we collect is information that is published. And so it can be used in different arenas and sometimes it's used as the basis for further studies. Sometimes it's used, you know, for well, it is used for management decisions and that's why we're collecting it, but it is also used for other studies and things too.
13 14 15 16 17 18 19 20	MS. ITTA: Okay. If that leads to my next question. If there are is there like a couple of studies being done on the same thing to compare the studies. Like if you guys are doing one and then if we contracted out for somebody to, you know, test our fish, is that something that we can do and, you know, compare the studies that's being done?
21	MS. HYER: So we try to keep up on
22	what's happening so we don't duplicate studies, but
23	often studies complement each other. And so we might
24	not pay for contaminants, but we can pay for a
25	population study and then you might get money for the
26	contaminants work someplace else. And while you're
27	studying the population some of those samples are taken
28	back and looked at for contaminants, something like
29	that. We often have complementary studies. Like the
30	particular study I was talking about on the Copper
31	River, they have these fishwheels, they're counting
32	salmon, but they use those fishwheels as platforms for
33	other studies too. And those other studies have
34	different funding sources, but they complement each
35	other. And then
36	CHAIRMAN BROWER: I just want to add
37	one thing too because our Borough scientist feed off of
38	a trend. So it's not bad to have a duplication study
40	and to verify on your own because it starts to add to
41	the trend, to make a verifiable statement at the end is
42	my you know, when I look at the amount of years I've
43	seen caribou studies go, there's a lot of duplication
445	of effort to doing some of those. But those are good
46	because they add to a trend and notable differences in
47	the abundance or mortality or some other thing that may
48	be affecting them, even their movement, because it just
490	merely adds to the trend and strengthens the overall
50	study. So it's not a really bad thing when there's a

Page 309 duplication going on. 1 2 3 MS. ITTA: Okay. Where I'm trying to 4 get at what's in these studies and how they're used in 5 the EISes for these projects that are being proposed. My community has zero faith in these studies that are 6 7 being done because it's all being done and funded 8 through the oil industry. And they've voiced that 9 concern time and time again. So we have no trust in any of the system, you know, these reports that are 10 11 being done. And that's why I'm asking if we are able 12 to implement our -- you know, do what -- you know, collect the fish, have a contractor test them for us 13 14 and then implement them into the EIS that would show 15 the impacts of the community. It's been an ongoing issue within my community on these reports and they voiced it time and time again and we're still not 16 17 18 getting any answers back. 19 20 Thank you. 21 22 MS. HYER: So if I'm understanding what 23 you're saying, you're asking if there's a study done 24 and it's different from the EIS would that be support 25 for saying the EIS is wrong? 26 27 MS. ITTA: My question is if we can do 28 the work ourselves opposed to having -- well, in my area ConocoPhillips does the studies, North Slope 29 Borough, and they're all funded under the industry. 30 31 And my community has zero faith in those reports because time and time again, meeting after meeting, 32 33 they voice their concerns with no answers back and 34 they're really frustrated in that process. So I'm --35 where I'm trying to get at is, you know, trying to get 36 the accurate studies and the reports that we want to see. Because it's tiring, meeting after meeting, 37 38 that's all our calendar is is oil industry meetings. 39 That takes a lot from our children, children's 40 activities. So, you know, I'm just trying to -- trying 41 to see how we can better the process for my community and, you know, doing the studies and getting the 42 43 accurate information. 44 45 MR. RISDAHL: Martha, through the Chair. This is Greq. You're -- normally when we do an 46 47 FRMP project it is not directed at answering questions 48 or collecting data for an EIS. Those are usually two 49 very separate things. However as Karen was -- I think 50

she was indicating that you could take that information 1 from your FRMP project and say, hey, wait a minute, 2 3 look at this. This study shows that what you're doing is really harmful to us and the land and the fisheries 4 5 or whatever in contrast to what you're saying. I mean, 6 you can use that data for anything, but the FRMP 7 project -- program itself is designed to collect 8 information to benefit subsistence fisheries. So you 9 design a project with assistance from whomever, the North Slope Borough or whatever, and say this is what 10 we -- these are the questions that we have. And some 11 12 of the questions may directly answer the types of 13 things that we collect for FRMP, stock status and trend, ecological knowledge kinds of things, whatever. 14 15 But they -- you may also have some other things that 16 you learn in this process that you can transfer over and say look, this is what we found in our FRMP 17 18 project. And it contrasts with what you're saying in 19 your EIS. 20 21 So whatever you -- I mean, you can do 22 that and people do all the time. So that what's Karen 23 was saying that you can have information from one study 24 and it can be used for other things as well. But the 25 FRMP projects do not specifically -- they're not 26 typically -- as far as I know they never have been 27 specifically done to support an EIS. 28 29 MS. HYER: Right. 30 31 MR. RISDAHL: But you can use that 32 information for any purpose you want. See what I'm 33 saying, you just have to design your project so that it 34 also maybe answers some of the questions -- which I don't know what they are, but I do feel your pain 35 36 especially now with -- under the current situation, the 37 administration, they're trying to speed up the EIS process. We're all having to go through the same thing 38 like, oh, you need your information done or comments in 39 40 15 days instead of having a year to do it or whatever. 41 So we understand that. 42 43 BROWER: CHAIRMAN What I'm 44 understanding here is is put your study design like we were talking about, what your concerns are from your 45 46 community, right, without any other (in Native), you 47 know, without any other weight behind it other than the 48 concerns raised by the community. And then put that study design in and then when you get funded and 49 50

conduct and carry out that study, the literature that 1 2 is born out of all that studying can be used for 3 anything. It could be used for confirming a trend or it could be used to corroborate another statement that 4 needed to be verified or it could be used to conflict 5 6 and say, hey, that study was compromised somewhere 7 because this study carried out the same concern and the 8 same type of study design to answer a certain question 9 and came out with a different answer. And then now 10 you're able to challenge something in my view. 11 12 So I wouldn't be so frustrated that 13 there's no path forward other than I would say we have work to do, we can get money and rank on a study if we 14 15 look at the guidelines and use local people to even do the studies, you know. And then get some use of the 16 17 local science that you're comfortable with, maybe 18 Steven Brown and Associates or something like that, 19 that might help make the literature palatable in a way, 20 in a format that is acceptable for publishing or something to that -- that's the mechanism that I think 21 22 makes it more advantageous for getting the grants or 23 the funding. That's what I'm understanding and it's 24 almost like turning on the light bulb a little bit for 25 me too. 26 27 MS. ITTA: Mr. Chair. 28 29 CHAIRMAN BROWER: Yeah, go ahead. 30 31 MS. ITTA: I just wanted -- I'm just trying to, you know, between the getting input from the 32 33 community and the studies and going to the decision 34 makers in DC on the Department of Interior approving 35 these projects. And, you know, and what they're receiving from these studies or from within the EIS. 36 37 Like for GMT-1 the EIS stated that there was no 38 significant impact, there's no impacts. Same with GMT-2. Now they're saying we're not impacted, we're not 39 40 significantly impacted or there's no impacts which is a 41 false statement. So I'm trying to figure out between these studies here, the organization, companies, 42 43 getting this information, bringing it to Washington, 44 D.C. and then saying that we have no impacts which is false information. Where in that process is something 45 46 going wrong. 47 48 CHAIRMAN BROWER: Thank you, Martha. 49 Unfortunately I think we're kind of like apples and 50

oranges, we're subsistence, we're very highly 1 2 subsistence here and the type of things you're talking about, probably the mitigation measures that often go 3 with revealing a large project and many of the new 4 roads from GMT-1, CD-5 onto Alpine and those have 5 created new kind of mitigation measures that you don't 6 see in proper Prudhoe Bay where you can use the existing new infrastructure for advanced access to 7 8 9 subsistence priority lands. That means they'll be used for oil development on top of being used for subsistence, conventional automobiles and stuff going 10 11 12 through these industrial roads for subsistence. 13 14 So I think they're apples and oranges, 15 but you can still I think make a study design and capture some information in a study. And but it is a 16 17 long process I think to try to get this -- I mean, you 18 have a two year cycle is what I understand. And your 19 proposal period is coming up next year. 20 21 MS. HYER: Yes. 22 23 MS. PATTON: And Mr. Chair and Council, 24 if I may. So after we have -- conclude the FRMP 25 discussion here we do have agency reports which we do want to ensure that we get to today. There will be a 26 comprehensive overview from BLM and we do have their 27 28 staff online and a handout for the Council. So 29 there'll be some discussion and overview directly from BLM and might be able to address some of the questions 30 at that time from -- directly from..... 31 32 33 CHAIRMAN BROWER: Yeah, and I think that was part of the agenda as we go through that will 34 35 go to there. 36 37 So do we have any other questions for 38 Karen? 39 40 (No comments) 41 42 CHAIRMAN BROWER: I know we've had 43 extensive time with you and I think it's always wonderful to do that. So, you know, we always have concerns about fish and.... 44 45 46 47 MR. HOPSON: Mr. Chairman. 48 49 CHAIRMAN BROWER: ....monitoring 50

Page 313 requirements. 1 2 3 4 Mr. Hopson from Utqiagvik. 5 MR. HOPSON: Thank you, Mr. Chairman. 6 I'll comment. And I know it's very important that the fish that we need to study and it's become to a level where what I see what has happened and what I see in 7 8 9 the very near future. This water contamination, the 10 fish mold and everything, climate change included, just 11 the water alone itself study -- maybe should be stepped up another knock. And the way I see it Nuiqsut, our 12 13 people over there in the oilfields, Nuiqsut is going to 14 be the next Flint, Michigan and it's right in our own 15 back yard. I just wanted to bring that out. 16 17 Thank you, Mr. Chairman. 18 19 CHAIRMAN BROWER: (In Native), William. 20 Any other questions for Karen before we move on? 21 22 MR. OOMITTUK: Mr. Chair. 23 24 CHAIRMAN BROWER: Steve, Tikigag. 25 26 MR. OOMITTUK: You know, I think in 27 future proposals, you know, utilizing, inserting the --28 you know, using local knowledge, local expertise, local people, to help with in these studies, you know. You 29 30 know, we're very low income communities and are 31 outlying village. There's a lot of knowledgeable 32 people with expertise on, you know, what's in the 33 lakes, what's in the rivers, you know, utilizing local knowledge and local people within these proposals, if 34 35 you do the proposals that the money comes to the 36 community also, you know. Local hire. 37 38 CHAIRMAN BROWER: (In Native), Steve. 39 And I think that's an important part of if we try to 40 get the tribes to do the proposals to some of these 41 things. I think it's an important aspect and should be 42 education all the way around the -- all the tribes on 43 the North Slope that can put in studies for these 44 things. 45 46 Anyway any other questions for Karen 47 before we move on? 48 49 MR. OOMITTUK: There's Jack. 50

Page 314 CHAIRMAN BROWER: And we have Native 1 2 Village of Point Hope. 3 4 MR. SCHAEFER: We expressed, you know, 5 our concerns about environment and impacts for a long time. And we had -- once in a while the North Slope 6 7 Borough would get our leadership and we'd all go up to 8 Barrow. And there was a time that we had a director of 9 the North Slope Borough Grant Writing Department, Steve 10 Sameda. And so he coordinated that and had a bunch of 11 agencies go up there. There was myself, Sam Nash and 12 George Kenuk. That was a few years back. And they're 13 real proud about writing grants. And that's the 14 tribe's weakness that we have. And we try to get grant 15 writers and they charge us money and we don't -- we 16 can't afford to pay. 17 18 Anyway that was offered at that time 19 and it would be nice if that could be revived in a way 20 that we could actually see results because we had a difficult time with that while he was there. 21 And but 22 the Department of Agriculture did indicate that there 23 are villages that are eligible for grants that the North Slope Borough is not. And so, you know, I do 24 25 hope that there's some influences made to the North 26 Slope Borough to look at that program and find out a 27 way to improve that in order to answer a lot of the 28 questions that are going on in dealing with Umiat and subsistence area funding because even though I go 29 30 college for five years I still can't write very good. 31 32 CHAIRMAN BROWER: (In Native), Jack. 33 Any other questions for Karen? 34 35 (No comments) 36 37 CHAIRMAN BROWER: Hearing none we're 38 going to move on to the next and go to the ADF&G. So 39 we'll ask ADF&G for -- I think it's the Board of Game 40 stuff. 41 42 MS. PATTON: Mr. Chair and Council. 43 44 CHAIRMAN BROWER: You know what.... 45 46 MS. PATTON: That would come at the end 47 of the agency reports. 48 49 CHAIRMAN BROWER: Oh, yeah. 50
Page 315 MS. PATTON: So we have a whole host of 1 2 -- we do have ADF&G, we have Beth Lenart who's been 3 online with us to provide updates for the Central 4 Arctic and Porcupine caribou herd. 5 6 CHAIRMAN BROWER: We're going to item 7 C, identify issues FY19. 8 9 MS. PATTON: Yes, we'll very quickly cover that and then we'll go down agency reports 10 11 under.... 12 13 CHAIRMAN BROWER: Very good. 14 15 MS. PATTON: .....item 12 there. And then we do have BLM online as well, Debbie Nigra had 16 joined us from BLM and we have a comprehensive update 17 18 from BLM as well I know the Council is wanting to get 19 to. 20 21 So very quickly, as we just discussed 22 with Martha and the Council earlier in the meeting, the 23 Council has a direct voice and avenue to the Federal 24 Subsistence Board and all of your recommendations at 25 the meeting here go to the Board, but we also draft a 26 report on your behalf for the issues and concerns that 27 you would like to bring to the Board's attention. 28 Throughout the meeting I keep track of those requests, 29 the concerns, your observations that you would like to highlight, information needs, research needs. And so 30 31 we've discussed some specific things here. Other topics may come up in your discussion with the agency 32 reports. And I will compile that draft of the 33 34 Council's interest and concerns and get that back to 35 you after the meeting. 36 37 And that at our winter meeting we 38 review that draft, there's an opportunity for the Council if you want to add and refine, you know, add 39 40 subject matter to that annual report to the Board and 41 refine it at the next meeting. 42 43 So there is information in your book on 44 the process on 167 and then there's also a reply from 45 the Board from your previous year's annual report. 46 47 So at this meeting I've been keeping 48 notes of interests of the -- of concern, issues that 49 you would like to have addressed at your next meeting. 50

Page 316 And I'll get that back to the Council as a draft. 1 And 2 it's a working draft and then we can add to it at the 3 next meeting as well. 4 5 And then under agency reports there's 6 often a lot of good discussion there too and so I'll 7 keep track of these issues and concerns that come from 8 the Council. And if there's anything specific that you 9 want to add as well then just keep me posted here at 10 the meeting. 11 12 But we do want to get to agency 13 reports. It's about 4:00 o'clock and we do have a 14 number of people that have been online through the 15 meeting, listening to the Council's concerns. We have 16 a comprehensive update from BLM we want to make sure we 17 get to, the Central Arctic caribou herd and Porcupine 18 herd, Beth Lenart is online for that. We do have Steve 19 Berendzen here from Arctic National Wildlife Refuge and Vince Mathews. And then Marcy Okada is also online 20 21 with Gates of the Arctic National Park and Preserve. 22 So.... 23 CHAIRMAN BROWER: And where are we on 24 the agenda there, Eva.... 25 26 27 MS. PATTON: So unless there's..... 28 29 CHAIRMAN BROWER: .....are you done? 30 31 MS. PATTON: .....unless there's any 32 question on the annual report we can move on to the 33 agency reports. 34 35 CHAIRMAN BROWER: Sounds good. Time 36 limit 15 minutes unless approved in advance. So sounds 37 like people have to talk real fast. 38 39 Okay. We'll go to item 12, agency 40 reports, tribal governments, Native Village of Point 41 Hope. You have an opportunity to provide an agency 42 report to the Council. 43 44 So Native Village of Point Hope. 45 46 MR. SCHAEFER: Thank you for allowing 47 me to say something. 48 49 We have gone through several, you know, 50

what we refer to as Wildlife officers or our Wildlife 1 Department over time. And I never thought I'd wind up 2 3 in that slot. I was always excited that somebody would pursue it as a career. We've been severely underfunded 4 within that area, but have been very lucky to have a 5 6 department that's funded by the BIA, that's Wildlife 7 Department. 8 9 There used to be a publication that was published by the National Science Foundation called the 10 Arctic Research and it used to be published twice a 11 12 year. The first part of the year would indicate what 13 agency was working on what and what their intentions were. The second report was their results, whether it 14 15 be one year or two year program. And that used to be published every year and it used to land on our village 16 17 corporation desks all the time. And we were really 18 proud of it because we knew all of the agencies and 19 what they were doing on the Arctic Research. Then they 20 made some changes in the Arctic policy and it goes 21 through cycles. And they quit doing these publications 22 in the year 2000. And that's really unfortunate, now they only do their reports of what they want to do. 23 24 But that allowed us to monitor to see what the U.S. 25 Fish and Wildlife Service was doing, what the agency for disease registry and contaminant registry, that 26 27 agency, what they do in the Arctic which is something 28 that you're looking at. 29 30 We really would like to see that 31 revived again because it's a actual document and it's 32 there. Electronics is something that's kind of 33 complicated and can always change, you know. And after 34 what Trump has done with all his fake news stuff, you 35 know, it kind of makes us have a problem with trust. 36 37 Anyway that Arctic research policy is 38 something that we need to keep going. And it has been dead for a long time and we lost the ability to follow 39 40 what was happening with out Health Department and all 41 of that. And so I do hope that that is revived again because that's something that allows us to do, you 42 43 know, our planning. 44 45 We have two Refuges that are located 46 around our area. They're Alaska Maritime Wildlife 47 Refuges, Cape Lisburne and Cape Thomson. There's ability to contract and manage those Refuges and there 48 49 are tribes that are doing that and we're looking at 50

that. I don't know where we are with that and where 1 things are on a statewide level other than two tribes 2 3 are doing it as we speak. And there may be more. 4 5 We really, really, really would like to 6 have, vou know, interagency and partnership arrangements in resolving conflicts. An example. Earl 7 Kenuk was our Wildlife officer back in the mid 2000s. 8 9 And they gave him a little funding to do something so he grabbed a bunch of high school students, took them 10 and brought them up to -- up inland with Hondas and 11 12 they go and they -- caribou were close and he's go and shoot with pistol. And they'd cut them up real fast 13 and they'd go home real quick. And then he'd come to 14 15 me the next day, I sure feel real funny, I made it look 16 easy, he'd say that to me because they were kids. And just like that, you know, real fast. 17 18 19 And so there are things that we can do. 20 We are fortunate here in Point Hope to not be too 21 engulfed with stuff, but there are arrangements. You 22 can have a youth program established with cooperation 23 with agencies, U.S. Fish and Wildlife Service, have 24 kids go out and catch caribou without the rifle, you 25 know, with (in Native) in order -- as a mitigation type 26 thing if you're having problems with your subsistence, 27 gathering or too much friction or regulation. 28 29 So that was one thing that came up during ICAS when Department of Interior came up and met 30 31 ICAS. We brought that up indicating that with 32 arrangements like that need to be made in order to 33 continue to survive and to avoid hunger. We don't have 34 a youth program, but we sure would like that, they sure 35 were real proud. I mentioned it last year to these 36 ones that were working helping the seniors through the 37 North Slope Borough employment program. I don't know the name of it. Anyway I tell them that story and two of them look at me, I remember that day and they were 38 39 40 adults with kids already. How does time go by so fast. 41 42 CHAIRMAN BROWER: So, Jack, I think the 43 employment program you're referring to is EPT..... 44 45 MR. SCHAEFER: Uh-huh. 46 47 CHAIRMAN BROWER: .....which is not a Borough entity, is using EPT to train residents to be 48 49 operators in service area 10. Even tribes can work to 50

Page 319 get EPT funding from the Human Resources Department in 1 the Borough to have students or others work under EPT 2 3 for tribes too. So remember that. 4 5 MR. SCHAEFER: And maybe we will do 6 that if we don't -- can't find any other way of doing 7 it. 8 9 But anyway that was a really good 10 experience and they were real proud of it, those kids. And then they reflected it (in Native) because I didn't 11 remember who they were until they said, yeah, I 12 remember that. 13 14 15 I did mention that in 2003 that the BLM had a Resource Management Plan section 810 hearing. 16 And what we were told, you know, versus what we talked 17 18 about earlier today was that they were doing a rezoning 19 thing. Years later I asked for the transcripts and I finally got it from somebody from Fairbanks, someone 20 that is very close to (in Native), a BLM employee. And 21 22 she said that it was a section 810 hearing. I was asking for the Northwest Resource Management Plan 23 24 hearing, that's was what -- what I was told that it was 25 by those BLM people. And she said, no, it was a 26 section 810 hearing. And she sent me those 27 transcripts. 28 29 And we were concerned about the conflict between the area that was owned by village 30 31 corporation and Federal recreation classified area 32 where they were getting the caribou, running up towards us and interfering with that. And those three people 33 34 from Kotzebue that were testifying about the impact 35 that it had on them in Kotzebue. And, you know, we 36 were kind of wondering why they had this hearing all of 37 a sudden here in Point Hope. And then they told their story, you know, and we were saying that we needed to 38 establish our own program because that reduces the 39 40 amount of friction by having complete control. 41 42 And so, you know, it was explained the 43 deal with early phases of section 810 had to 44 environmental impact statements and to reflect and 45 address and reflect any type of subsistence impacts. I 46 heard elsewhere a phrase added on to it, if there are 47 any future impacts you can call for a section 810 48 hearing. And that is not what I heard today. I don't 49 know if that's true. I for one am forced to trust and 50

Page 320 I've been having this trust thing all my life. And I 1 always have that and it sure backfire on me a lot, but 2 3 I still have it. 4 5 So that always stayed in my mind 6 because Red Dog has 20 more years as was stated earlier. They're getting ready to put a pipe and run 7 8 it right into the ocean to -- before that dam ruptured 9 and all of that black stuff washes out into the ocean. 10 11 12 We haven't done the 810, but it's 13 there. We may be forced into it, we don't know yet. 14 They're still proposing to do a pipeline. We thought 15 that there would be some impacts, we wanted to do 16 something about it. Sierra Club was waving your arm 17 saying we'll represent you in court and they lost. And 18 so we were frustrated with that. 19 20 We went to, you know, the Chariot thing 21 and that's how we found out about the agency of Toxic 22 Substances and Disease Registry which would give you a 23 report as to the contaminants of any area. They are 24 very, very controversial just like the Government 25 Accountability Office, the GAO reports. But those 26 reports are good because you can use them when you trigger either one of them. And we've done that and we 27 28 had a real tough time with the agency of Toxic 29 Substances in regards to Chariot because they gave us the wrong information, saying that, you know, the only 30 31 time that you'll get sick is if you eat the dirt over 32 there which was an extreme statement. 33 34 Anyway we had to use a private entity 35 to come up with samples to be matched with the Federal government. They were upset with it, but we followed 36 37 the protocol. They call it protocol. If you follow the protocol you can't question it. And all of that science stuff is supposed to follow a protocol. And 38 39 40 the problems that we have with contaminants on an 41 international level is that there is no protocol in regards to the metric and the system that we use today 42 43 in the United States, you know, the metric system. And 44 we have two different measuring systems and they 45 haven't agreed as to the contaminant, which one we're 46 going to use so we still have that problem. 47 48 We've had a reindeer grazing lease, we 49 may want to revive it again. It involves a large area 50

and we might, you know, use it for other programs 1 whether it be, you know, for, how you say, dealing with 2 3 crimes instead of sending them to prison. 4 5 I did talk about our polar bear issue and what we went through. It was difficult for us to 6 7 express a point that polar bear are not endangered, but 8 they use this old data and then use these clusters of 9 areas and combined them together to justify what they're doing now in regards to forcing us into a 10 quota. I don't know how we're going to resolve that, 11 but we did go on record. 12 13 14 And that's one good thing about being 15 able to do that and I learned that from Etuk. He 16 always push stuff, even if it's a different hearing. 17 Just so we could have it on record so that when someone 18 does their research they could find it and he's done 19 that many times. 20 21 We haven't been able to look at all the 22 studies that were done, but there was a lot that was 23 done in regards to pre ANSCA and during ANSCA and dealing with the chemical studies that have been done, 24 25 how much arsenic is in Kukpuk River for example to determine the amount of mineral possibilities per se. 26 And that was done in 1975. So there is some stuff 27 28 that's -- and you can use them as baseline sometimes. 29 But it is if you follow the protocol. 30 31 Bycatch. You know, I had mentioned 32 that we were concerned about our subsistence and the interference with subsistence. 33 I mentioned that I 34 married a Yup'ik. I have three grandkids that are in 35 Yup'ik country. They can't have king salmon. They want to trade muktuk for king salmon, but the other 36 37 families won't share it because they're limited big time. When I was first marrying my wife in 1980 we did 38 39 not have this quota on king salmon and we were okay per 40 se other than getting tired of eating fish every day. 41 We were able to survive. Now it's really hard both for Kuskokwim and the Yukon River. And the State of Alaska 42 43 had indicated what they would do with their bycatch as a way to address, you know, self sustainability for a 44 45 state which is required. You know, you got to sustain 46 yourself if you're going to become a state. And so 47 they had to justify this stuff by saying what they say 48 and bycatch was one of them. 49 50

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And I do hope that they do make some 1 changes in regards to that. I don't know what they do 2 3 with their bycatch, but other than what was stated 4 earlier that was interesting to hear. And a way to 5 save money in keeping that fish or establishing a 6 facility in each of our region to receive those and 7 process them to save money. It might be something that 8 we might want to do as a group. 9 10 I did ask at one time when I was 11 something like eight years old, my grandma caught me 12 with a seal skin face, dry. And I was throwing it like 13 frisbee to my brother. She got real mad at me and holler at me and grab -- that's mine. I wondered what 14 15 she was doing with that. And later on I found out that she was selling them for 25 cents each and that paid 16 for her Gold Star chewing tobacco. 17 18 19 And so I asked U.S. Fish and Wildlife 20 Service what was that in regards to the connection with 21 the seismic work that was going on offshore and the 22 issues that were going on with the walruses going this 23 way and that way from those different -- three 24 different projects that were taking place. And I asked 25 them about that seal, what was that about. U.S. Fish 26 and Wildlife Service gave me as government official, 27 John Trent. John Trent was the caribou man that worked 28 forever as a caribou man. I don't know if he's still 29 alive, but he was there for a long time and even 30 introduced and showed off the radio collar migration. 31 John Trent. And he said that that was done because the 32 commercial fishermen were complaining that the seals 33 were tangling up the nets and licking the nets. And so 34 they put a bounty on the seal and that was the explanation. I never saw anything in written, I didn't 35 36 go that far in regard -- I don't know where to look, but I'll probably find out. 37 38 39 Anyway species recovery is something 40 that we really desire because we had a lot of pride in 41 regards to what we used to do. As I mentioned before, you know, one time there were 10 boats of fish, I mean, 42 43 caribou that were brought from Kukpuk and given to the 44 village in 1960. And this was a letter that was written to the Federal government that was put in a 45 46 congressional report. And that they did the analysis 47 of those animals before they arrived. So they had the 48 wrong time of doing the analysis which had a different 49 level of contamination. And that was what that letter 50

was about.

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2 3 But I just wanted to say that in the 4 past there were arrangements that were made to help our 5 community in our own way. And in the 1990s it was a big problem in the Yup'ik country where they had to 6 fight for getting 50 caribou for their village and 7 8 fighting the State and them using the ultimate -- what 9 they call the ultimate sustain yield argument deny the 50 caribou for their village. And I just thought I'd mention that because there's people that talk about 10 11 12 statistics and what maintains our life and how far it 13 goes and what we could go -- how far we go in order to live comfortably in dealing with species recovery 14 15 because a lot of that is really difficult. And we need 16 to really try to do something about it and was able to 17 have something documented to reflect that difficulty in 18 regards to some of those species that they were 19 struggling with by 2020. I don't know if anybody's --20 if you guys seen that book that was published a few 21 years ago in the Arctic by 2020. 22 23 By hearing that there's a 40 percent

By hearing that there's a 40 percent bycatch of salmon that deals with Kuskokwim, I always -- you know, that's what bothered me and why I brought it up earlier about bycatch and worried about whether it's going to affect us.

We know that there's exercises that are 29 going on and the Russians and the Americans are really 30 building themselves up. The military did their report 31 32 during AFN. One of them had to deal with contaminants. 33 And what was interesting was that none of the areas 34 around Point Hope area and Kivalina area were marked. 35 So there was no communication that we had with the 36 Department of Defense on the clean ups that are taking 37 place. There was a time where clean ups were stopped 38 and done in-house for a while, they quit contracting them out. That's what we were told and so we weren't 39 40 able to do anything. 41

I guess there's something going on with Unimat and is that a DEW line site or something. Anyway I guess they're reviving that again and we have some areas that we have concerns about regarding that.

46 47 When we did this polar bear thing and 48 trying to address and protect our subsistence rights, 49 just our of curiosity we asked -- you know, they talked 50

about who the parties were, who plays a role in regards 1 to the polar bear. And I blurted out what's a 2 3 501(c)(4). How many 501(c)(4) nonprofit organization 4 are in the Arctic slope. And there's this young 5 attorney, Hensley, I think that's her name, said 6 there's one. It's called Voice of the Arctic. That 501(c)(4) organization can spend funds for mitigation 7 8 and use it as a business expense. And so looking at 9 that instrument and trying to utilize all the tools that we have, we may be able to wiggle away some things 10 that can work for us, whether it be the amount of money 11 12 that we need for actually sampling and then meeting those protocols, hiring a college student to look at 13 14 all the other reports that have been generated by 15 industry and whether they follow the protocols or not 16 for the purposes of determining the trends that go up 17 or down. 18 19 And anyway as a tribe Native Village of 20 Point Hope is so excited about being able to do stuff. 21 And I really, really do hope that I can be able to get 22 somebody that excited to take over and follow these 23 steps and then be able to brag about it with all of us 24 together and work things out because it looks like 25 we've been going in circles and not really getting 26 anywhere per se sometimes. But we don't give up. I've 27 been doing this since 1983. And I still try and 28 understand, you know, what roles are played in dealing 29 with, you know, the functions that we are surrounded 30 with and how we are able to protect our interests. And at the same time move forward and still be able to have 31 32 that Halloween candy and Christmas presents from 33 another source. 34 35 Boy, you know, it's good to enjoy life 36 and it's even better to fix. We go through a lot of 37 struggles that really impacts us healthwise. And I do 38 look forward to a better way. And it's unfortunate that sometimes we don't get along with each other 39 because of political reasons and things that are going 40 41 on. And protocols and stuff like that are something 42 that we can work out. And honesty is something that's 43 really valuable. Like I said, you know, there's people 44 that are fighting in order to keep the price of oil up 45 and are looking for some other commodity to make money 46 off of. And so we're trying to deal with that. 47 48 Ι don't want to be able to lose that 49 program as a tribe. There are other tribes that can 50

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Page 325 make use of it and make a career out of it. I always 1 2 joke Federal employees, only you could prevent forest 3 fires. We got no trees up here. 4 5 (Laughter) 6 7 MR. SCHAEFER: Anyway, you know, we 8 have contracting, we have compacting which is a government to government relationship that started out 9 as a government -- governmental demonstration project 10 11 where you perform all the functions that every other agency does. And that's what tribes are able to do and 12 13 that's what compacting is. And we do hope that we can 14 be able to get to that point so that we can have more 15 flexibility as long as you have your numbers correct because it's hard to get your numbers right. We had a 16 17 real hard time trying to ensure that we were getting 18 the right level of healthcare funds and their compact 19 arrangement is done every five years. You got to have your numbers right, if you don't you're going to be stuck if you use -- if you run out of money before that 20 21 five year period. And we were going through that in 22 23 the mid 1990s. Even though we really didn't have an 24 existence as an Arctic people. We went there as ICAS 25 and we were the only ones that were there that didn't 26 really have a presence of representing the Arctic 27 slope. All the other, Kodiak area, you know, all of 28 those regions were there. And my purpose there was to 29 deal with cancer and the caribou connection at that 30 time. 31 32 And so there are solutions, it's just a 33 matter of having a good sit down and sort out what all we have and get those geniuses together to, you know, 34 how to do some stuff. And I'm still learning. I would 35 like to be able to do stuff, but politics is an ugly 36 37 animal. And I fought for the ocean and I got persecuted for it. And it's unfortunate, we might have 38 39 lost some things as we went on. And I wish I had told 40 those kids not to give up, education is so important 41 because we're relying on educated people and a lot of it's not there. I try to get my grandkids to go to 42 43 school and they go for a little while and think they 44 don't have to. And here we are 20, 30, 40 years later, 45 you know, and we had those dreams and responsibilities 46 that we wanted and expected back then. And here we are 47 now. Again we don't give up. And so I have seven grandkids, two of them are here, one's in Anchorage and 48 49 three of them are with their mom and one of them is 50

Page 326 just about ready to dunk a ball and he's eighth grade. 1 But I can't really -- I try to encourage them. We do 2 3 need help for encouraging. 4 5 Thank you. 6 7 CHAIRMAN BROWER: (In Native), Jack, for providing Native Village of Point Hope's agency 8 9 report. And it's all recorded and will probably be in 10 our minutes as well. 11 12 MS. PATTON: Uh-huh. 13 CHAIRMAN BROWER: With that we'll go 14 15 down the lists, Native organizations. Is see we have Inuit Circumpolar Council, but as a.... 16 17 18 MS. PATTON: Mr. Chair.... 19 20 CHAIRMAN BROWER: ....informational handout.... 21 22 23 MS. PATTON: Yeah. Mr. Chair and..... 24 25 CHAIRMAN BROWER: ..... is what it is. 26 27 MS. PATTON: Yeah. Mr. Chair and 28 Council, they were not able to present at the meeting 29 I do have some handouts to send home with the SO 30 Council. But they won't be on for this meeting. 31 32 We do have then Alaska Department of Fish and Game. I'm wondering if Beth Lenart is still 33 34 online with us, she's been on throughout the meeting 35 here and we have a handout from her. 36 37 Beth, are you online still? 38 39 MS. LENART: Hi, Eva. I'm still 40 online. 41 42 MS. PATTON: Wonderful. Thank you so 43 much, Beth. She's been with us throughout the meeting 44 here on teleconference. 45 46 I have your handout here for the 47 Council members and the floor is yours. 48 49 CHAIRMAN BROWER: Who's got the floor, 50

Page 327 me or Beth? 1 2 3 MS. PATTON: Go ahead, we can 4 accomplish that. 5 6 Yeah, I know. CHAIRMAN BROWER: Ιt 7 seems we do a tag team thing with our Madame 8 Coordinator. But that's fine because ..... 9 10 MS. LENART: I couldn't hear you at the 11 end. Did you want me to go through the handout or..... 12 13 CHAIRMAN BROWER: Yeah. Go ahead. I 14 wasn't -- you know, sometimes Eva talks so fast and 15 then -- and then I lose track of where I'm at. 16 17 MS. PATTON: Can you hear now, Beth. 18 So everyone has the handouts here, you're welcome to 19 proceed. 20 21 The floor is yours now. 22 23 MS. LENART: Okay. So for the record 24 my name is Beth Lenart. I'm a wildlife biologist with the Alaska Department of Fish and Game and I work on 25 26 the Central Arctic and Porcupine caribou herds. 27 28 So for the Central Arctic caribou herd 29 update. Right now the 2017 population estimate was 30 28,000 caribou. The population objective is 28,000 to 31 32,000 caribou. We conducted a photo census this 32 summer in 2019, but the caribou weren't grouped very tightly. We're still counting photos and trying to 33 34 determine the quality of the photo census. 35 36 The pregnancy rates in 2019 were high. 37 Lots of calves, calves were observed in the photo census photos. And we also conducted a fall October 38 composition or rut survey and we saw lots of calves in 39 40 that survey also. So summer calf survival looks good. 41 42 And then the preliminary data indicates 43 that the bull/cow ratios from that October rut survey 44 were also good at 50 bulls per 100 cows. 45 46 Mortality rates were not high during July, 2017 through June, 2018, but they were high from 47 2018 to June, 2019. And so -- and then now we're going 48 49 into the next year. But given all of that data we 50

Page 328 think that the population is stable. 1 2 3 So that's the information on the 4 population side. I was going to talk a little bit 5 about harvest if folks didn't have any question about 6 the population. 7 8 CHAIRMAN BROWER: Any questions for 9 Beth on the population size on the Central Arctic herd? This herd is primarily -- we always kind of refer it as the Haul Road herd. It comes down and travels pretty 10 11 much annually right down the Haul Road and then splits 12 13 in two between Badami and the KRU and splits in two for 14 its core calving areas. And if I'm wrong you can 15 correct me with that too. 16 17 But any questions on the population 18 size? And if not we'll go ahead and go into the 19 harvest. 20 21 (No comments) 22 23 MS. LENART: Okay. For the harvest, 24 the allowable harvest or the harvestable surplus is 840 25 caribou which no more than 75 can be cows. In 2017 and 26 2018 we estimated approximately 100 caribou are 27 harvested by residents of Nuiqsut and the cow season is 28 open in that northwest portion of unit 26B to 29 accommodate the needs of Nuigsut residents. 30 31 And then in -- so in 2017 is when the 32 regulations were restricted for other hunters. So in 33 2017 we had a total of 617 hunters reported harvesting 230 caribou. So that includes Alaska residents and 34 35 nonresident hunters, but excludes the residents of And in 2018 about 500 hunters reported 36 Nuigsut. 37 harvesting 215 caribou. And again that would be Alaska 38 residents and nonresidents combined, excluding the residents of Nuiqsut. 39 40 41 So right now we are harvesting well below harvestable surplus. There just aren't as many 42 43 hunters up there as there has been in the past and I 44 think they're hunting in other places. I think a lot 45 of those folks are actually hunting like the Fortymile 46 caribou. 47 48 So that was what I had for the Central 49 Arctic herd and I can give you a brief update on the 50

Page 329 Porcupine caribou herd. 1 2 3 CHAIRMAN BROWER: Any questions on the 4 harvest.... 5 6 MS. LENART: For the Por.... 7 8 CHAIRMAN BROWER: ....of the Central 9 Arctic herd? 10 11 (No comments) 12 13 CHAIRMAN BROWER: And I do have a 14 question. When do you expect the census to be complete 15 for the 2019 photo census? 16 17 MS. LENART: Okay. Yes. So I'm hoping in the next month or so. I -- I'm pretty close to 18 19 getting the photos counted and it looks very similar to 20 or very close to around 28,000 caribou. But I want to 21 lay everything out and make sure because the groups 22 weren't as tight as we -- well, at least for the 23 Central Arctic, they usually have really tight groups and I want to make sure I'm not doing any double 24 25 counting the caribou. It doesn't seem like it right 26 now. And so I think I'll have that number out in the 27 next month. 28 29 CHAIRMAN BROWER: Okay. An additional 30 con.... 31 32 MS. LENART: And this..... 33 34 CHAIRMAN BROWER: ....additional 35 question. 36 37 MS. LENART: So before I go on to the Porcupine I did want to let the Council know there are 38 a couple Board of Game proposals regarding the Central 39 40 Arctic caribou. And I think Carmen may be going over 41 some of them because they cover unit 26A, B and C, where there are requests for increase for resident 42 43 hunters' bag limits in 26B and also nonresident hunter 44 bag limit in 26B. 45 46 MR. OOMITTUK: Mr. Chair. 47 48 CHAIRMAN BROWER: We've got a question. 49 Go ahead, Steve Oomittuk from Tikigaq. 50

MR. OOMITTUK: Yeah. You know on --1 2 you know, in 2017 a total of 617 hunters and harvested 3 was 231. 2018, 490 hunters and 215 were harvested. And it says, you know, this excludes the residents of 4 Nuiqsut. And you -- you know, so half the hunters went 5 6 homeempty-handed, is that what we see or is that the -there -- it says it -- it includes residents and 7 8 nonresidential hunters, excludes residents of Nuiqsut. 9 This is the Central Arctic caribou herd update. 10 11 MS. LENART: Through the Chair. Sir, 12 that's correct. So those -- that data comes from the harvest ticket reports. And then the Nuiqsut harvest 13 is an estimated harvest based on other surveys. But 14 15 for those resident hunters, like I'm -- so I'm talking 16 about people from Fairbanks or Anchorage or Wasilla and 17 then nonresident hunters that might come from the Lower 18 48. That's correct, all of their harvest was around 19 200 caribou. So their success rates were like 40 20 percent. So that's correct, a lot of folks went home empty-handed. And some of that had to do with just 21 22 where the caribou were, they weren't accessible when 23 they were up there hunting. 24 25 MR. OOMITTUK: So when you say 26 residents and nonresident, you're talking about 27 residents in Alaska, not on the North Slope, just and 28 sport hunters; is that who..... 29 30 MS. LENART: Correct. 31 32 MR. OOMITTUK: ....nonresident 33 hunters? 34 35 MS. LENART: Correct. It's not the residents of North Slope, it's other Alaska residents 36 37 like -- that's correct. 38 39 MR. OOMITTUK: Thank you. 40 41 CHAIRMAN BROWER: Yeah. One additional question I had was what ratio or how many radio 42 43 collared caribou are monitored through the range? 44 45 MS. LENART: About 100. And that 46 includes adult females, adults bulls and then we try to 47 put out collars on some yearlings. And so it's around 100 collars. 48 49 50

1 CHAIRMAN BROWER: And the only reason I 2 ask about that portion and probably will be extended to 3 any other caribou herds that come up on the North Slope 4 is I think there needs to be I think an annual --5 annual presentation on the migration using the 6 animation that showed. There's been a fair bit of turnover in these Councils and the more we talk about 7 8 what herds go where and there's some perceptions that, 9 you know, one herd is gracing many different communities when in fact it might be a different herd. 10 So it's important to look at these -- because there's a 11 12 slew of data that helps to identify what villages are 13 hunting from what herds. And I think if we do that annually I think it's an important thing to bring to 14 15 the understanding of some of the wildlife issues up 16 here on the Slope. 17 18 MS. ITTA: Mr. Chair. 19 20 MS. LENART: Mr. Chair, I heard that 21 yesterday that you had -- you talked about that and 22 Carmen and I have talked about it. And so we will be 23 prepared to have that available at the next -- at the 24 next meeting. And we're in a position now -- for 25 several years the Central Arctic caribou herd didn't 26 have very many or any satellite collars, but now we do. 27 And so we can make those animations, we can present 28 those to you. 29 30 CHAIRMAN BROWER: Thank you. Martha from Nuiqsut. 31 32 33 MS. ITTA: Yes. My question is do they 34 know where these caribou are getting caught at, is there a report to say where they're being caught, right, within -- because I'm curious on where they're 35 36 37 actually getting caught, is it like right in the middle 38 of, you know, their migrating. I'm trying to kind of get an idea of where these caribou were -- you know, 39 40 where they're getting caught and why AKP is not getting 41 their caribou. Is it because, you know, where they're getting caught and, you know, is their migration being 42 43 deferred. 44 45 MS. LENART: Through the Chair. That's 46 a good question. So most of these caribou in the last 47 couple years that we're talk -- that I'm talking about right now, they're harvested close to the Dalton 48 49 Highway. And in the last couple of years the 50

distribution of that herd, most of that herd or a large 1 proportion of that herd has been west of the highway 2 3 between like the Haul Road and Nuigsut. And they've been seen pretty far north even in the fall. And at 4 5 least a good proportion of them have. And then some 6 have gone further south. 7 8 Traditionally or I say traditionally, 9 in the last 10 years that caribou herd frequently did not go to Anaktuvuk Pass, but in the last couple of 10 years portions of them have at least been towards 11 Anaktuvuk Pass. Generally it's the Western Arctic herd 12 13 and the Teshekpuk herd that are usually accessible. But so we'll see what happens this year, right now 14 15 they're still mostly in -- you know, mostly east of Anaktuvuk Pass. But they're still moving right now. 16 17 18 CHAIRMAN BROWER: Does that help, 19 Martha? 20 21 MS. ITTA: Yes. 22 23 CHAIRMAN BROWER: Thank you, Beth. Go 24 on, Beth. 25 26 Okay. Would you like me MS. LENART: 27 to give you a brief update on the Porcupine herds? 28 29 CHAIRMAN BROWER: We sure would. We 30 like to hear about them. 31 32 MS. PATTON: Go ahead, Beth. Sorry, 33 it's hard to hear I think on your end from our..... 34 35 MS. LENART: Okay. 36 37 MS. PATTON: .....side here. Go ahead. 38 39 MS. LENART: Okay. The 2017 population 40 estimate is 218,000 caribou. The population objective 41 for the Porcupine is 135,000 caribou so we're above 42 that. We think the population is stable and possibly slowly increasing. We did not get a photo census this 43 44 year. By the time -- photo census time is usually like 45 the end of June, the first couple weeks of July and at that time most of those caribou were already back in 46 47 Canada. 48 49 The pregnancy rates were at or above 50

Page 333 average and early calf survival also looked at -- was 1 also at or above average. So we think it's -- the 2 3 population is likely stable. 4 5 And the harvest is very low on the 6 Porcupine caribou herd in Alaska. They're just not -when they are in Alaska they're not accessible to a lot 7 8 of hunters. And then they haven't been wintering along 9 the Dempster Highway, that's where the -- that's where a lot of harvest occurs. But because they often 10 wintered in the Alaska the last couple years 11 the 12 harvest has been low. 13 14 And that's all I had on those two 15 herds. 16 17 CHAIRMAN BROWER: Thank you, Beth. Any 18 questions on the Porcupine herd? 19 20 MR. OOMITTUK: Mr. Chair. 21 22 CHAIRMAN BROWER: Steve. 23 24 MR. OOMITTUK: Yeah, Steve for the 25 record. Just our of curiosity what was the population 26 in 2015 and 2016 of the Porcupine caribou herd. When you say stable, you know, 2017, 218.000 caribou then a 27 28 year later they drop by half, 2000 -- but what was the 29 numbers in 2015 and 2016, I just -- do you have those 30 numbers? 31 32 MS. LENART: Through the Chair. Are 33 you asking about the Central Arctic or the Porcupine 34 herd? 35 36 MR. OOMITTUK: The Porcupine. 37 38 MS. LENART: Yes, sir. We did not have a count in 2015 or '16. The count before the 2017 if I 39 40 remember correctly was in 2013 and at that point they 41 were at 197,000. So they've been increasing. 42 43 MR. OOMITTUK: What was the population 44 for 2016, I didn't hear that? 45 46 MS. LENART: In 2 -- yeah. So the last 47 photo count before the 2017 was in 2013. And I think 48 that was a -- let me look real quick, I think that was 49 197,000. 50

CHAIRMAN BROWER: Yeah, Steve, they 1 2 didn't count on 2016 and the last population count 3 estimate was in 2017, 218. So the 2013 one is 198,000 is what I'm -- seems like there's an increase, but they 4 want to -- the objective is to maintain a minimum of 5 135,000. So they're well above objectives I think. 6 7 8 MR. OOMITTUK: Thank you. 9 10 CHAIRMAN BROWER: It just seems like 11 they don't count every single year. And the period of times they try to count sometimes they're having 12 difficulty, maybe it's clouds or something. And then 13 14 to my understanding they're trying to do a new way with 15 some sort of digital signature which is -- they're 16 trying to figure that out too. 17 18 Beth, was that -- is that the amount of 19 presentation you're about to give in this area? 20 21 MS. LENART: Mr. Chair, that's correct. 22 I'll still be on the line if there's other questions. 23 24 CHAIRMAN BROWER: Very good. So I know 25 we had -- I added some asterisks that we amended the 26 agenda item for some Board of Game proposals we're 27 monitoring. And then a State systems, just a walk 28 through about the levels of concerns from conservative liberal management to tier levels and try to 29 to understand some of those things that the State has in 30 31 their bag of tools to manage herds or emergency actions 32 or anything like that. 33 34 So with that I would continue to have 35 somebody from the State, Alaska Department of Fish and 36 Game, go through those Board of Game proposals. 37 MS. PATTON: Mr. Chair and Council. We 38 do have Carmen Daggett here, but again that is going to 39 40 come at the end of our agency reports because we do 41 have the Federal agencies still on land, BLM, NPR-A and 42 Gates of the Arctic National Park on the agenda as well 43 as Fish and Wildlife Service. So the Board of Game 44 proposals we will address, but Carmen is here in person 45 and she has a presentation to provide the overview and 46 discuss.... 47 48 CHAIRMAN BROWER: So are we done with 49 ADF&G is my understanding at this point? 50

Page 335 1 MS. PATTON: Yes. For the caribou 2 reports. And at the end of..... 3 4 CHAIRMAN BROWER: Okay. 5 6 MS. PATTON: ....the agency reports 7 then we'll get that. 8 9 CHAIRMAN BROWER: Yeah. I think we 10 need to be very clear when we start putting asterisks 11 around here, amending thesethings that -- becauseI'm --I get the feeling we didn't communicate well. And 12 I've got these asterisks where we amended the agenda to 13 14 include these items at this time. So..... 15 16 MS. PATTON: Correct. 17 18 CHAIRMAN BROWER: ....there's just 19 been a fair amount of miscommunication or something. 20 21 MS. PATTON: Correct. Yeah, because we 22 expected to get to those last night and we were unable 23 to. But we still have to get through the rest of the 24 Federal agency reports prior to the end of the day 25 before we address the Board of Game proposals today. 26 27 CHAIRMAN BROWER: All right. So we're 28 going to move on down the line and I'm going to ask 29 BLM. 30 31 MS. PATTON: And do we have BLM, Debbie 32 Nigro, I know you were online with us for much of this 33 meeting. Are you still with us at this time? 34 35 MS. JONES: Debbie Nigro had to step 36 away so this is Shelly, Eva, Shelly Jones. I'm on the 37 line now and able to give our BLM report. 38 39 MS. PATTON: Wonderful. Thank you so 40 much, Shelly, for staying online. And I do have your 41 printout report here. You have the floor and I'll hand this out to the Council. 42 43 44 Thank you very much. 45 46 MS. JONES: Okay. And thank you. And to the Chair and Council members for the opportunity to 47 48 present to the RAC today. And mostly what I've got 49 here is our permitting and planning activities that 50

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relate to the Arctic region. So with that I'll try to 1 go quickly through the different topics here, but if 2 3 there are questions please interrupt. And if I skip 4 anything that you were interested in you can just ask 5 and I'll go back to that. 6 7 So the first portion of the report here 8 is just an overview of our BLM lands within the Arctic 9 region that we're charged with managing. Most of them are in the National Petroleum Reserve that has about 23 10 million acres of BLM managed lands in that. But we 11 12 have some significant acreage of land outside the 13 Petroleum Reserve as well. And so I just showed a 14 little broader picture, particularly west out towards 15 Point Hope and north of Kotzebue there's a significant block of land, about 1.3 million acres I think of 16 17 habitat near the coast that's an insect relief area for 18 the Western Arctic caribou herd. 19 20 So the second page there then shows the 21 lease tracts that are currently available in the 22 National Petroleum Reserve. And the green areas on 23 that map are areas that are currently unavailable for 24 leasing. Some of them have older leases that are still 25 being held within them, but currently those aren't 26 being offered for sale. So the ones that have sold so 27 far are 215 leases that covers about a little over one 28 and a half million acres of the 23 million acres. And 29 ConocoPhillips is the biggest leaseholder, they own 169 30 out of the 215 leases. 31 32 We're currently working a couple of 33 major EISes. We've got also some smaller EA, different 34 levels of NEPA environmental assessments which are a 35 shorter document than an environmental impact statement 36 and don't take as long to prepare. We use that form of 37 NEPA for authorizing a lot of our permits. And some of them -- a lot of the ones that we authorize every year 38 39 in the same location we can use yet another NEPA 40 analysis called a categorical exclusion and rely on the 41 original analysis to cover the topic. So last year in 2019 we had 39 different use authorizations, 30 of 42 43 those were done through categorical exclusions and nine 44 were environmental impacts or environmental assessments, excuse me. And they covered a variety of 45 46 different type of permits that BLM authorizes. A lot 47 of them are related to oil and gas development. Those are typically the applications for permit to drill and 48 49 rights-of-way associated with those. We also have a 50

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Page 337 few special recreation permits that cover the big game 1 hunting guides and some research permits, there's guite 2 3 a few of those. 4 5 in addition to those -- and I'll So 6 talk more about some of those permits here in just a 7 minute, but I'm going to start off with the three major 8 environmental impact statements that are ongoing right 9 now. 10 11 We have -- the first one here is our Willow Master Development Plan. BLM's the lead agency 12 13 on that, doing an environmental impact statement for a proposed development by ConocoPhillips on some of their 14 15 leases in the Bear Tooth unit. So that's a little bit west of the Mooses Tooth unit where they are currently 16 operating. And that would -- as they propose it it 17 18 would have a central processing facility and five drill 19 pads with up to 50 wells on each pad. Different options or alternatives within the proposal or within 20 the environmental impact statement have different 21 22 configurations for the in-field roads. The airstrip, 23 the pipeline routes are pretty much the same across all 24 the alternatives, but the -- there's a large gravel 25 mine associated with that project about -- I think it's 26 about 300 acres of a new gravel deposit that they want 27 to develop to use for those pads and roads as well as 28 to construct a temporary island to support the module 29 delivery via sealift barges. So that would be -- I think it's an 11 acre, I believe it is island, and they 30 propose it just a little ways offshore near Atigaru 31 32 Point. But we also looked into an alternative just a 33 little bit further offshore near Lonely. 34 35 So the comment period has been extended 36 It's out for public comment now and we've on that. 37 been having meetings and we're still taking public comments until October 29th. 38 39 40 So there's a map on the next page there 41 that shows that project and the contact information. 42 43 The next EIS we've got that we're 44 working on is to rewrite our Integrated Activity Plan. 45 That's our overarching land use plan for the Petroleum 46 Reserve. But it really isn't as broad, it doesn't 47 cover all the topics that a lot of land use plans that 48 BLM has, it's pretty restricted and mostly covers 49 leasing. So we got a new Secretarial order, 3352, that 50

required us to look into sort of maximizing the acreage 1 that we could make available for leasing. So there's 2 3 different alternatives that cover the existing acreage 4 as well as more conservative alternative and then two 5 alternatives that are more -- would offer more areas 6 available for leasing. 7 8 And we have a lot of partners on that particular EIS, the North Slope Borough and the State 9 of Alaska as well as ICAS, Fish and Wildlife Service, 10 the adjacent Park Service managers and the BOEM, the 11 12 Bureau of Ocean Energy Management. 13 14 So they -- right now we are trying to 15 get a draft ready to go out for public review and hopefully we'll be able to publish that in the next 16 couple of weeks I think. And if so then it'll start a 17 18 45 day public comment period on that draft and we will 19 be scheduling or trying to get our meetings scheduled for public comment in November. So we don't quite know 20 21 yet, but that will be upcoming. 22 23 24 And the last project -- both of those 25 projects they're trying to work towards a schedule where they would get the comments from these drafts and 26 then respond to them, make some adjustments in the plan 27 and finalize them I think in like February or March, 28 29 this coming spring. 30 31 The leasing plan for the Coastal Plain, the 1002 areas of the Arctic Refuge, that EIS has been 32 finalized now. It went through all of the different 33 34 draft stages and was pretty controversial I think. They're still currently working on the record of 35 decision which will ultimately be available to the 36 37 public to show what the -- what the management plan and 38 what -- more importantly I think what the lease stipulations will be that would carry forward and be 39 40 associated. The Tax Act had a requirement for BLM to 41 hold no fewer than two area wide lease sales within 10 years. And the first lease sale needs to be within 42 43 four years of the date of the Tax Act and the second 44 lease sale within seven years. So there's some requirements on the acreage that has to be made 45 46 available and stuff like that. So there's a website 47 for where you can go to look at the more specific information and the alternatives that they evaluated. 48 49 I don't really have a date I don't think quite yet on 50

Page 339 when they believe that that will be available, the rod, 1 so but it should be soon. I just don't know when. 2 3 4 The next major EA that we're working on 5 is really a new proposal that just now came in a week or two ago from the ConocoPhillips for their 2019/2020 6 winter exploration program. I think it's pretty similar to the last year's program and maybe even kind 7 8 9 of similar to the last two years. It's a pretty big program, they want to do some drilling, exploratory 10 drilling, at up to seven new locations near the Willow 11 12 area that they're already planning to develop. But they requested a permit to actually -- for us to 13 14 approve 10 new drill locations so they would have some 15 flexibility to pursue different opportunities. But ultimately would not plan to drill more than seven new 16 17 Then they also plan to go back out to three wells. 18 wells that they have in a suspended status and inspect 19 those and decide if they should plug and abandon them or leave them for further testing. 20 21 22 So that has a big program of associated 23 ice roads to -- and prepacking that will be starting probably when they get -- just first start to get snow 24 25 they'll be going out to compact the snow and then begin 26 building ice roads in December if they get -- when this 27 EA gets finalized and they get their permit. 28 29 So I just wanted to also mention the two existing areas that ConocoPhillips has already 30 developed within the Petroleum Reserve and give just a 31 32 little info on them. GMT-2, Greater Mooses Tooth 2, 33 that one was approved in 2018 and is almost fully 34 constructed. The pad and the road are there. They're 35 still doing a little bit more work on the gravel as it thaws out and working it a little bit. But it's 36 37 estimated to -- it should hold up to 48 wells and is 38 estimated to start production in 2020 and has an estimated peak of 30,000 barrels per day. 39 40 41 And the GMT-1, which is a little bit 42 further to the east of GMT-2, that one was approved in 2015 as a 12 acre pad and it has -- it will hold a 43 44 maximum of 33 wells. That one is considered to be one 45 of the Alpine satellite development projects. It's 46 connected back to CD-5 by a road and that was the first 47 area that was drilled and had production on the Federal 48 leases in the NPR-A. So currently there are seven 49 wells that have been drilled and nine are expected by 50

2021. The production began last October, 2018. It's 1 currently producing 13,500 barrels per day and has peak 2 3 production expectations of 20,000 barrels a day on 4 that. 5 6 And maybe now would be an okay time to 7 mention that the last probably five or six pages of 8 this report is some information I pulled off line about 9 the State's program for Impact Mitigation Funds. And so I just wanted to bring that in as sort of an 10 offsetting positive opportunity for the region. 11 The 12 way the revenue sharing works with the Federal revenue, 13 wells that are in production on Federal lands, we share the revenues, 50 percent goes to the Federal Treasury, 14 15 50 percent goes to the State of Alaska. And I think 16 they split into the Impact Mitigation Fund, I believe it's 50 percent of that goes into the Impact Mitigation 17 18 Fund. And that can be made available to the Borough or 19 the city. The tribal governments can't apply for it, 20 but the city and the Borough can and get grants to do 21 different projects to hopefully offset some of the 22 negative impacts they are experiencing from the 23 development. 24 25 So I included in there some of the 26 expected amounts going into the future. As the -- more 27 and more wells go into production, that fund is 28 expected to really grow. And then I also looked into 29 the different grants they've already awarded from that 30 fund just to show some of the possibilities. And I do think some of the discussion that -- this afternoon 31 32 about, you know, other cooperative studies or things 33 that could be proposed by, you know, the city of 34 Nuiqsut or Wainwright or any of the communities in the 35 North Slope could apply for these and, you know, do any 36 kind of health impact or other studies that you might 37 think that the agencies -- there might be gaps, things 38 that are following through the cracks. And I'm not 39 sure if we would be able to partner on those projects 40 if that was wanted, but we could look into that or 41 surely be an advisor if that was wanted. 42 43 So just to carry on then with the 44 different projects, some of them that BLM has. We installed some temperature probes in the ground at 45 seven different spots along the community winter access 46 47 trail. So this will be the third year that -- of a five year right-of-way that we issued to the North 48 49 Slope Borough for -- to manage a snow trail, snow road 50

system basically, to connect the north -- some of the 1 communities within the NPR-A basically. Right now 2 3 there's also one segment of it that comes off the Haul 4 Road that's -- will connect Anaktuvuk Pass directly back to the Dalton Highway. So they can at wintertime 5 6 hopefully be able to transport fuel and private 7 vehicles and goods overland across that trail. 8 So we got some good information last 9 10 spring that the -- kind of a closeout of how the season 11 went with the Borough and found out more about the 12 number of vehicles that traveled. They have to join a 13 convoy and travel with an escorted Borough escort with 14 a tucker to help in case anyone needs assistance or 15 gets stuck along the way. But it seems like a really 16 good program so far. There were a few spots that the 17 snow blew off and had a little bit of damage, but it's 18 overall for the -- you know, it's several hundred miles 19 of snow trail and not as a percentage very much damage. But we just want to keep an eye on that, keep 20 monitoring that with the Borough. So we're starting to 21 22 get a little bit more into keeping track of the 23 temperature for the frozen ground as well as the snow 24 depth nearby to help inform the decisions about when it 25 should be open. 26 27 And then we have a project with the 28 Native Village of Barrow to support them on a clean up project that they're working on a Skull Cliff. It's a 29 longstanding -- I think it's down to just solid waste 30 now, but they're working on staging that debris that 31 32 needs to be hauled out this fall. And if they can't get it all out this fall they'll work on it next winter 33 34 as well. 35 36 We had a couple of permits to the State 37 of Alaska to explore for gravel. That's been a big 38 kind of source of interest for different people. The State is particularly interested and they went out for 39 40 two weeks and drilled about 11 different sites looking 41 for gravel and we haven't gotten the actual data back that we will be getting, but I guess it didn't go very 42 well as far as -- you know, they didn't find any gravel 43 44 to speak of. So they'll be doing a little bit more 45 next summer I think. 46 47 They also -- we issued them a permit to go over in the Arctic Refuge on the western edge 48 49 nearing the Canning River along the benches there to do 50

Page 342 some sampling of gravel as well. 1 2 3 And I already mentioned the community 4 winter access trail. 5 6 We finally issued the right-of-way for 7 a fiber optic line to go between Utgiagvik and Atgasuk. 8 And I think they'll be bringing the fiber cable and 9 other things over from Deadhorse this winter via rolliagons I think. Originally they were going to 10 bring it up by barge, but some things may have come up 11 that way, I'm not really sure. But I think currently 12 it'll be coming overland this winter. And that's kind 13 of an unusual one, it'll be the first time we've 14 15 authorized a fiber optic cable to be laid on the surface and not -- it's normally trenched in, but we've 16 17 had a lot of issues with that along the Dalton Highway, 18 there's a lot of -- permafrost isn't a great place to 19 dig a ditch and we've had a lot of erosion. So I think the surface installation will work out a lot better for 20 21 the environment. 22 23 A few years ago we also issued a permit 24 to the -- a group that got a grant from the National 25 Science Foundation to put -- they called them IRIS earthquake monitoring systems in. Now I think they've 26 27 been out for five years, it's time to start pulling 28 them out. So we extended the right-of-way to give them time over the next couple of years to start going out 29 and retrieving the -- I don't know what they're called, 30 31 seismic equipment I guess. 32 33 We also have had an ongoing permit and 34 it got renewed with the Alaska Clean Seas Oil Spill 35 Response. They provide that as a service to the 36 industry and they deploy clean up materials in 37 different caches, booms and different things and they 38 training exercises basically to keep their do 39 capability sharp in case of an emergency. 40 41 We had a big contract last winter and we will again this winter for legacy well clean up. 42 43 That's a big project for BLM. There I think 136 wells 44 that were drilled historically by the Navy and USGS back all the way from the '40s. And a lot of them 45 46 weren't plugged and abandoned properly so now BLM's 47 been working as funding's been available to get some of 48 them plugged and abandoned properly. And last winter 49 they did three wells, two of them were called Gubick 1 50

and 2 and then there was a third one called Grandstand. 1 And OC Services, Olgoonik's Construction Service did 2 3 the -- that work and they got the award again this year to remediate, I think it -- it looks like four wells if 4 I'm reading this right, the Simpson cluster, they call 5 6 them, but it's the North Simpson, Simpson 1, 26 and the 7 South Simpson. And there's a map and a strategic report on our website that you can read about the 8 9 legacy wells summary report. And they're doing that to update it with the things that have already been 10 cleaned up and then reprioritize the remaining wells. 11 12 13 So if you have any thoughts on those 14 wells or issues that you might be aware of that we 15 should know about to prioritize things you can let us 16 know. I put the contact information there, the people 17 that are in charge of that program. 18 19 And also then wanted to mention as a requirement of GMT-2 there was a best management 20 practice that was suggested by Nuiqsut 21 22 to have a web page that would make all the available data, maps, reports and anything that had to do with 23 24 studies around Nuiqsut, I think it was within 50 miles 25 of Nuigsut. So ConocoPhillips has been putting 26 information through the North Slope Science Initiative. 27 They -- the North Slope Science Initiative is in charge 28 of the web page and they've been putting into there. 29 And so if we -- there's approximately 400 reports in 30 there right now and I think it's got a really good GIS interface so you can click on the map and then it'll --31 32 you can pull up different reports, if there's air 33 quality or subsistence harvest information and 34 fisheries and what not. 35 36 Then I think I'll skip the next one, 37 that's just a continued interest in that route between 38 Utgiagvik and Atgasuk. The lidar is some aerial photography that was flown to maybe look into the 39 40 future of a road or just have more information of that 41 route. It's a -- has a annual fuel haul and now the fiber optic line. So -- and the CWAT trail as well 42 43 goes to Atgasuk. 44 45 So BLM issued a permit, I think we were 46 a little bit of a partner, but mostly we just -- might 47 have been involved in just the permit for the ADF&G research on the grayling. I won't go into that, that 48 49 was just in case they were going to land helicopters on 50

Page 344 the BLM -- on the west side of the Colville for that 1 2 project. 3 4 And we also have a long term Inventory and Monitoring Project, it's not really that long term 5 yet, but it's one of those kind of studies that's 6 7 supposed to be detecting long term change that might 8 be, you know, from climate change or just other variables. And then also they're -- this year they 9 10 went out -- they went out in 2012 and did some baseline 11 work and then this year they studied the vegetation closer to the road around the development. So they 12 might -- if we get the report which we should soon, 13 14 we'll be able to know more about how the road might be 15 affecting the vegetation differently if that's the 16 case. 17 18 So we also have a partnership project 19 with UAF to study lake drainage. And that one has to 20 do with kind of also long term hydrologic model that the university is working on to maybe be able to 21 predict how the landscape would respond under different 22 23 future climate conditions. 24 25 And that's it. Then it just starts 26 that part about the NPR-A Impact Grant Program. 27 28 So that's the end of my report and if 29 there's any questions. 30 31 CHAIRMAN BROWER: Thank you, Shelly, 32 right, our northern manager, right? 33 34 MS. JONES: Yeah, right. Yes, Shelly 35 Jones. That's right. 36 37 CHAIRMAN BROWER: All right. Any 38 questions to Shelly on her -- the BLM report submitted 39 to the regional RAC? 40 41 MS. ITTA: Mr. Chair. 42 43 CHAIRMAN BROWER: And I'll recognize 44 Martha from Nuiqsut. 45 46 MS. ITTA: I quess this is where I make 47 my statements that I made earlier to Bureau of Land 48 Management. 49 50

Page 345 Good afternoon, Shelly. It's Martha. 1 2 3 MS. JONES: Hello. 4 5 MS. ITTA: Okay. 6 7 MS. JONES: Hi, Martha. 8 9 MS. ITTA: I have a few things like I 10 I don't know if you heard me online. stated before. 11 12 In regards the big issue is the 13 reports, the studies that are being done within the 14 areas of proposed development and the reports that 15 we're receiving from not only BLM, but everything that's involved in the permitting process. You heard 16 time and time again from our village oh, you guys were 17 18 just there in regards to rezoning and you heard my 19 community, they opposed this project along with the 20 corporation. There's many concerns that were brought 21 up at that meeting as to the impacts and how the 22 studies are being done and how the information is 23 getting from my community to the decision makers in 24 Washington, D.C. that is showing in these EISes or in 25 these studies that there are no impacts or no 26 significant impacts within these projects which is false information. 27 28 29 That was my first question is where in 30 the process does this information being misled or 31 miscommunicated within Bureau of Land Management and 32 the Department of Interior. 33 34 The other concern I have is in regards 35 to the comment period. It says that the draft EIS is going to be coming out in looks like November, 36 37 December. And we only have 45 day comment period to 38 turn in our comments after receiving and reviewing the 39 draft. And I would like to request an extension as 40 these drafts, these EISes are very big and takes a lot 41 of time to review which, you know, give us so much time 42 to review and turn in comments to where it, you know, 43 we put every issue and every concern or what have you 44 into our comments. That's another -- that's another 45 concern that our community has. 46 47 Just experience by GMT-1, GMT-2 and past projects, you know, for instance GMT-1, Bureau of 48 49 Land Management agreed with the tribe on the least 50

environmental alternative which was alternative B, but 1 then they to our -- what we were told was that Conoco 2 was going to pull their leases if they didn't get their 3 4 way and which Bureau of Land Management sided with alternative A with ConocoPhillips. An alternative that 5 6 was not the least impact alternative for Nuigsut is my 7 other concern. 8 9 We need more time to review these 10 drafts and to be able to turn in comments in a timely manner to address every issue and concern that we have 11 12 in our community. 13 14 The studies. We discussed this 15 earlier. You know from meeting after meeting, Shelly, we have zero faith in the reports that are being given and who's doing the studies. That needs to be 16 17 18 addressed and that needs to be in the control of the 19 community that is impacted. 20 21 And I would like to -- well, I'm 22 hoping, you know, to get the support of other 23 communities who are going to also be affected to turn 24 in comments to the Bureau of Land Management because it 25 seems nobody really understand. You know, other communities never seen a pipeline or infrastructure or 26 27 been impacted by industry and, you know, for them not 28 to know and understand what they're going to be facing 29 is really concerning to me as we've been dealing with 30 this for 40 plus years. 31 32 It's really scary, our animals are 33 sick, now we're having a hard time with our whaling. We voiced our concerns time and time again way back to 34 CD-5. We told Bureau of Land Management, we told the 35 36 Department of Interior how we felt and what will happen 37 if they put these projects up. And right now it is 38 happening without no answers and without no support from the Federal government on how to address our 39 40 concerns and impacts all the way to our health. We 41 lost too many people, we don't want to lose anymore, to bury a child and nobody being responsible for that. 42 43 That is unconscionable. 44 45 So I would like to ask the Bureau of 46 Land Management or the Regional Subsistence Advisory 47 Council for support to make sure that the Bureau of Land Management is following their protocols 48 and 49 hearing the concerns of my community. 50

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	1 Thank you. 2	
	CHAIRMAN BROWER: Thank you, Martha. Any other comments and 5	
	MS. JONES: Thank you, Martha. I really know that's heartfelt and I get that, I get that when I am out in Nuigsut and appreciate the comments even when it's hard to hear and hard to say I'm sure too, but I take them seriously. I'm trying to look for ways all the time, problem solving, looking for better mitigation or different opportunities. So I really appreciate you just continuing to stick up and share the things that you know about and work with us, keep working with us. And we've got I take notes, we type up the transcripts from our meetings when we meet and pass them forward to our leadership. And I think it makes a difference. I know our State director came out to Nuigsut and that's sort of unusual for a State director to get our to the villages. He was really hopeful and had wanted to come out to Point Hope for this meeting actually. I think it makes a big difference to him, he sits on the Federal Subsistence Board with the other Federal agency managers and I think he really gets it, gets the local issues and the importance and how unique and important Alaska is. But it's also conducted to our department and knows that Alaska's an important piece in their energy initiatives. So we're doing what we can to just bring the best information forward in these analyses and just yeah, I took notes on what you said there and just keep trying to work on the issues that we can.	111111111122222222223333
	We don't have a compensatory mitigation program anymore, I think that's maybe confusing to a lot of people. We have had that in GMT-1, but GMT-2 did not have that, the this administration doesn't support that kind of mitigation. So other agencies still have it, I think the Corps and others can look at those opportunities. But currently we can't. So we have to either just find actual mitigation that we can attach to the project in the way of a stipulation or yeah, or we have that opportunity through the State for those Impact Mitigation Fund where the communities themselves could develop grants to get funding.	33333444444444
	9 within that Mitigation Program. For GMT-1 it was	4 4 5

guaranteed that it was going to stick and that's what 1 we were told during the GMT-1 process. And that was 2 3 the reason why the Regional Mitigation Strategy was implemented for future projects. And that was supposed 4 to carry on to GMT-2. Well, that in our eyes was a 5 6 violation and an injustice to our community to take that away when it was set -- it was already decided 7 within the GMT-1 process. And it was going to 8 9 carryover to GMT-2. That needs to be corrected because it's also in your ROD and in your EIS to be able to 10 keep that program intact throughout these projects. 11 12 13 I understand, you know, things were 14 changed, but you guys are there for the impacted 15 communities, you guys are doing these EISes, SCISes and 16 what have you that gives the Department of Interior the power to make decisions on our behalf which impacts us 17 18 and, you know, it doesn't disclose any of our concerns 19 or addresses our concerns the way we would like. 20 21 The mitigation process. We have -- our 22 community has an issue being the only impacted 23 community. We shouldn't have to, you know, fight over 24 this money because Nuiqsut get only 1 percent of that 25 money, the royalties. And, you know, of course the 26 corporations, the State of Alaska, Bureau of Land --27 the Federal government gets all that money and they go 28 to programs and we never really see those come to our 29 community, we never see those royalties. I need to 30 remind you 85 percent of our community are not 31 corporation shareholders so we do not get those 32 royalties and we're just impacted. And that's what I 33 just wanted to state on the regional mitigation 34 strategy concern and the mitigation process. 35 36 The other thing is we requested BLM to 37 office in Nuigsut so we can have a open an 38 representative there at all times to be informed about 39 what is going on in our community because a lot of 40 times, you know, they work with our corporations, ASRC, 41 Kukpik, ConocoPhillips, leaving out our community. So a lot of us don't know what's going on until it's 42 actually being built or being constructed. 43 And that 44 caused our community to fight amongst each other which 45 is really troubling and it's caused by the Federal 46 government and those who are involved in the permitting 47 process and approving these projects. 48 49 I believe -- who was it within the 50

Page 349 Bureau of Land Management is the community liaison, 1 Shelly, or do we even have one? 2 3 4 MS. JONES: Well, right now we have one 5 in our state office, his name is Ralph Eluska. 6 7 MS. ITTA: So where is he.... 8 9 MS. JONES: He's been out there with us 10 a couple of.... 11 12 MS. ITTA: .....besides coming to the 13 meetings with you guys..... 14 15 MS. JONES: .....times, but..... 16 17 MS. ITTA: .....come to Nuiqsut? 18 19 MS. JONES: ....we also -- Chad Padgett, our State director, has been really supportive 20 21 of the request for a position in Nuigsut. And so he's 22 asked me to start working on it and I've been inquiring 23 a little bit on available office space and currently trying to get a position description classified so that 24 we can hopefully get a job announcement out. So it's 25 26 not as fast a process as it should be, but with the 27 State's director support I think we will get a position 28 out there this year. 29 30 MS. ITTA: Okay. Yes, we need someone 31 to work with a local person within our community to make sure that our community is aware of what is going on, what is being said and done and make sure our 32 33 community members are informed and included into these 34 35 discussions with the Department of Interior, BLM, 36 Conoco and the corporations. I would like to request 37 that they start including our community in their 38 meetings because that's what we don't see. We don't 39 see no agreements, we never, ever get to see the 40 agreements between the corporation and the Federal 41 government on these projects. So we would like to request that you work hard in getting a liaison to work 42 43 with our -- a local liaison to improve your guys' 44 transparency with our community. 45 46 Thank you. 47 48 CHAIRMAN BROWER: Thank you, Martha. 49 50

Page 350 1 2 MS. JONES: Thanks, Martha. 3 CHAIRMAN BROWER: Any other questions 4 to the BLM on the report? 5 6 MR. OOMITTUK: Mr. Chair. 7 CHAIRMAN BROWER: Steve Oomittuk from 8 9 Point Hope. 10 11 MR. OOMITTUK: Yeah, out of curiosity, 12 you know, I see that, you know, the Bureau of Land 13 Management, Alaska Arctic District Office, you've been 14 in existence since 1976, is that what I saw in there? 15 16 MS. JONES: Yep, I think that's right. 17 That's the date of our organic act so to speak for BLM. 18 19 MR. OOMITTUK: Yeah. You know, when 20 the Naval Arctic Research opened up in Barrow area in 21 -- around 1947, who permitted them to receive these 22 lands there, BLM during that time, was it the United 23 States Defense, who permitted all these DEW line 24 stations, were they -- were in existence for many 25 years, who gave that right for them to take this land 26 from people that were living there, had camps there, 27 you know. And, you know, my grandfather -- you know, 28 there was people living at Cape Lisburne, both my grandparents lived up there. In the springtime we came 29 30 back to Point Hope. 31 32 And one year in the late '50s after he 33 built a brand new wooden house they say they going to have a DEW line and a radar station here. They kicked 34 35 everybody out and there was about 50, 60 people living over there, and that this land is no longer theirs. 36 Μv 37 grandfather just built a brand new wooden house, they burned it down, bulldozed it, built a runway right over 38 it. Nothing was compensated, you know, nothing was 39 40 given to him. They let everybody move out of there. 41 42 But who -- who was in charge of this, you know, before BLM was in existence in Alaska, was it 43 44 -- you know, Alaska didn't become a State until what, 45 '59, you know, who permitted the United States government to have all these DEW lines. Now there's a 46 47 lot of clean up. BLM is doing it here at Cape Simpson, 48 clean up was awarded to Olgoonik Corporation. 49 50
1 2 MS. JONES: So.... 3 MR. OOMITTUK: And I see all these 4 permits for (indiscernible - simultaneous speech)..... 5 6 MS. JONES: .....I think that might 7 have been I want to say President Harding, Warren signed the Naval 8 Harding was the --Petroleum 9 Production Act, the NPRPA, Petroleum Reserve Production I think it was called. And that was -- at that 10 Act 11 time it was managed by the Department of Defense. 12 13 MR. OOMITTUK: And then, you know, when we talk about Project Chariot, you know, and Department 14 15 of Defense and the impact it had on our community, not just Project Chariot, but Cape Lisburne also. And, you 16 17 know, doing the environmental impact statements that 18 BLM does. You know -- you know, there's a lot of 19 documents on Project Chariot that are top secret. You 20 know, you're talking over 50 years ago. Fifty years ago that -- you know, what was going on. We still want 21 22 to know exactly what -- is BLM, you know, Department of 23 Defense, I don't know why they don't want to declassify 24 all these top secrets. You know, you're Bureau of Land 25 Management, you know for the Arctic district. 26 27 We want to ensure that all the clean up 28 in our areas are cleaned up. What exactly was going on there in Project Chariot, what did they bury over 29 there. Are these bombs, atomic bombs that they wanted 30 to blast are still underground. Is your -- the holes 31 that they drilled, the deepwater harbor that Edward 32 33 Teller's plan was to commercialize the atomic bomb and 34 reshape the world by using nuclear bombs. And this was 35 150 times stronger than Hiroshima that they were going to do a blast, 23 miles from Point Hope. And we still 36 37 don't know to this day if those bombs are in there. 38 There were some planes that came in with top secret 39 stuff, stuff that was unloaded over there. 40 41 They came into the village, said that we're going to move you guys to Nome, that they were 42 43 going to do this detonation and we were the last ones 44 to find out about it. And to this day we still don't 45 even know that there's -- they had a big meeting, a 46 town meeting that they were going to move the people to 47 Nome and after the detonation they can move back. They 48 wanted to do it in April when there was a strong north 49 wind so all the fallout would go out on the ice and all

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Page 352 the contaminants would blow away when the ice left. 1 But they fought them. You know, the people of Point 2 3 Hope fought them for three years and it didn't go 4 through, they had to move out. 5 6 But something was buried over there, something was done over there. They just recently 7 cleaned it up not too long ago. But not all documents 8 9 were declassified, there was a lot of top secret stuff that went down there that we still don't know about. 10 have one of the highest rates of cancer for our 11 We 12 community, you know. 13 14 Is there any way BLM, Bureau of Land 15 Management for the Alaska District Office can 16 declassify some of these documents and get this stuff 17 cleaned up within our land? 18 19 CHAIRMAN BROWER: Thank you, Steve. 20 And just want to remind that we're working on the 21 report for BLM. 22 23 I do know there's a RAB that comes 24 through that has military, Air Force, Navy. It's 25 called a Restoration Advisory Board. And I'm not sure if they meet periodically. I know they come through 26 Barrow and visit communities. And I think there's one 27 that's formed for Point Lay, for the DEW line and clean 28 29 up over that way to work with communities. But I think that is the entity which has a host of defense agencies 30 31 under the Restoration Advisory Board and we work with 32 those quite a bit from the Borough as well. 33 34 But, Shelly, I know it's not on the 35 report here, but just wanted to add that into the 36 response. 37 38 MS. JONES: Yeah, thanks. I had forgotten about that. We have our hazmat person does 39 40 participate on that or goes to the meetings of that 41 Restoration Advisory Board and when they have -- we have taken responsibility for these orphan legacy 42 43 wells, but the other military issues, possible 44 contamination or other things are like that, we don't 45 have access to classified materials, as far as I know 46 our agency doesn't. But we can, you know, ask up 47 through our leadership to try to get information. And a lot of times like in the case of Umiat the Corps of 48 49 Engineers will take responsibility for managing, take 50

the lead to work on clean ups usually when they're 1 going to be kind of a long term and expensive. 2 And 3 then in that case we're a partner even though we're 4 also the land manager. 5 6 CHAIRMAN BROWER: Thank you. 7 8 MS. JONES: But I am encouraged at 9 least when I used to keep a lot more information in my 10 head about the Western Arctic caribou herd and the Fish 11 and Game veterinarian that would go out and do the sort 12 of necropsy analysis of an animal or so from each herd 13 and talk about the health. And I think people were 14 always kind of hope -- you know, grateful to know that 15 the quality of those animals, you know, seemed good. And so I was taking that as an encouragement that 16 hopefully the -- if there is contamination it's not 17 18 getting into the animals. 19 20 CHAIRMAN BROWER: Thank you, Shelly. 21 And with that, any other questions to BLM on their 22 district office update on permitting and activities? 23 24 MS. KIPPI: Mr. Chair. 25 26 CHAIRMAN BROWER: Go ahead there, 27 Wanda. 28 29 MS. KIPPI: Bringing up that Willow 30 plan, Willow Master Development Plan about the -- in the future for the project in the -- or the development 31 32 in -- near the Atqasuk area. I'm pretty concerned 33 about that coming around to our area because all the --34 what all I hear from Nuigsut and see, it's going to 35 hurt our community too and it's one of the smallest 36 villages on the North Slope and we depend on our caribou and our fish that we harvest every year to make 37 it through the -- make it through the winter. And if 38 39 they come and start their development there it's going 40 to hurt our community like 100 percent. And if they 41 want to come up and do our development they better --42 they better come and be ready to help in taking care of 43 our land and our air and our rivers, our lakes. I don't -- I do not want to see the impacts in our 44 45 community. 46 47 Thank you. 48 49 CHAIRMAN BROWER: Thank you, Wanda. 50

Page 354 Any other comments on the BLM report? 1 2 3 4 (No comments) 5 CHAIRMAN BROWER: All right. Thank 6 you, BLM. Thank you, Shelly, for providing in depth 7 report. 8 9 MS. JONES: Okay. You're welcome. 10 Thank you. 11 12 CHAIRMAN BROWER: As we go I see in 13 looking at the time and it's 5:45, I don't know what's the wish of the Council. It's getting late, I think we 14 15 had a lot of time to talk about many various things. If you guys want to reserve the rest of the reports for 16 17 next year, into the next season, because we only have 18 two meetings every year, right. 19 20 MS. PATTON: Mr. Chair and Council. If 21 I may just offer. We do have just two more agency 22 reports. It's Fish and Wildlife Service, Arctic 23 National Wildlife..... 24 25 CHAIRMAN BROWER: No, we heard you. I'm just gauging here. We see the reports that's 26 needing to (indiscernible - simultaneous speech)..... 27 28 MS. PATTON: And Gates of the Arctic. 29 30 So Marcy's online there so they might be able to 31 do.... 32 33 CHAIRMAN BROWER: Well, what's the wish of the Council, you guys want to..... 34 35 36 MS. PATTON: ....quick reports as 37 well. 38 39 CHAIRMAN BROWER: .....continue or take 40 a dinner break or you guys want to try to push a few 41 more reports? I did have particular interest on ADF&G Board of Game reports, but doesn't seem like we might 42 43 have too much time to talk about those. I'm very 44 concerned about some of those things. And because --45 I'm just concerned about them. 46 47 But what's the wish of the Council? 48 49 MS. ITTA: Mr. Chair. 50

Page 355 let's MR. OOMITTUK: Mr. Chair, 1 2 continue with these reports since they're here. 3 CHAIRMAN BROWER: All right. Let's --4 5 without taking lunch or dinner break or -- unless you want to order something and bring it on over, you know, 6 7 that might be a possibility. Because by the time we get done the restaurant will probably be closed. And 8 9 maybe you can get burgers for everybody or something. 10 11 MS. PATTON: The restaurant is open 12 until 11:00 p.m. tonight. That's their usual hours is until 11:00 p.m. So they are open for dinner if the 13 14 Council's hungry. 15 16 CHAIRMAN BROWER: Yeah, but are what 17 you going to do if our stomachs are growling all the 18 way through that? 19 20 MS. PATTON: If the Council's hungry we 21 can order and pick up meals as well. 22 23 CHAIRMAN BROWER: Do you guys want to order while we're working and let them bring it here or 24 25 something or do you guys want to just go ahead and just 26 work through this? 27 28 MS. ITTA: Mr. Chair. 29 30 CHAIRMAN BROWER: Martha. 31 32 MS. ITTA: Are we able to go take a 33 dinner break and then come back or actually I think they're having bingo for a fundraiser tonight. 34 35 36 MR. OOMITTUK: Yes, they..... 37 38 MS. ITTA: To my understanding is what they said yesterday, they're going to have bingo 39 40 tonight for fundraising for the family. 41 42 CHAIRMAN BROWER: All right. 43 44 MR. OOMITTUK: Mr. Chair. 45 46 CHAIRMAN BROWER: Go ahead, Steve. 47 48 MR. OOMITTUK: Yes, they are having --49 they're doing a fundraising. It's a pay week and --50

Page 356 you know, payday for I think the Borough. This is one 1 of their biggest nights for funding. I feel that we 2 3 should continue and hear these last two reports that we need to and then go from there. And they won't start 4 until 8:00 o'clock. So the restaurant is open to 5 6 11:00, the Pizza House is open for dinner right now 7 until 8:00 o'clock. 8 9 CHAIRMAN BROWER: Okay. We got until 10 8:00 o'clock. Let's see that little thing that says 11 limit time -- time limit of 15 minutes. Each one's 12 been about 30, 40 minutes here. If we could try to -if we followed this we might make it until -- before 13 14 8:00 o'clock, right. 15 16 All right. So I just wanted to make 17 sure -- engage the Council's attentiveness and if they 18 were getting hungry. 19 20 So we'll go to Fish and Wildlife 21 Service, National Wildlife Refuge. 22 23 And just let us know if we need to 24 order something I guess. 25 26 All right. Steve and Vince. 27 28 MR. BERENDZEN: Thank you, Mr. Chair. 29 Steve Berendzen, Arctic National Wildlife Refuge 30 manager. In the interest of time I will try to -- I will hit the highlights and try to get within the --31 32 stay within the 15 minutes. If there are questions or 33 anything that you have for me while I'm delivering this 34 you're welcome to interrupt and ask any questions at 35 anytime. 36 37 So you've got this handout, I don't 38 know if you've had an opportunity to take a look at it, but I'll just through like I said the highlight things. 39 40 41 It starts off with management staffing changes. We have had quite a bit of turnover in the 42 last few years in our -- among our staff. About a 43 44 third of our positions have been vacant for the last few years. We're trying to fill priority positions, 45 46 recently filled the deputy manager and assistant 47 manager positions. So that was very helpful for the 48 Refuge. 49 50

1 Next topic is oil and gas leasing 2 program. Shelly Jones gave a good update on that. I 3 don't think I need to talk about that one. 4 5 One thing that is associated with it a 6 little bit is we -- the Refuge is supporting and participating in several studies that are associated 7 with oil and gas development. So we've got several 8 9 projects that have been done on the Coastal Plain last summer especially, things like providing baseline 10 information on existing resources. And this is various 11 studies like vegetation surveys, wetland surveys, 12 13 hydrography and more geological surveys as well as some 14 animal and plant species studies. 15 16 Biological research and monitoring. We 17 have had some staff changes there. We hired a mammals 18 biologist. That position had been vacant for nearly 19 four years. So Bill Acock is our new mammals But not too long after that or very 20 biologist. 21 recently we had our supervisory biologist, Steve 22 Author, retire. So we're -- again we fill a vacancy 23 and we lose another one. 24 25 Beth provided an update -- a good 26 update on the Porcupine caribou herd so I don't think I 27 need to talk about that one. 28 29 So moving on to the moose update which we've talked about that a little bit earlier, but I can 30 31 try to a quick overview of that. 32 33 We held a public hearing in Kaktovik 34 earlier this month and we proposed to extend the season 35 from October 20th through April 30th. We opened the entire 26C unit as well as well as 26B remainder. 36 37 That's what we have oversight of and control of. We 38 opened the entire area to the moose -- the subsistence moose hunt and rather than restricting the hunt to the 39 40 area of the Kongakut where the majority of the moose 41 overwinter. So we also increased the number of permits to where we had issued 10 permits for -- with a quota 42 43 of three bulls for the community to harvest. So the 44 community was appreciative of that. They were very -unanimously supported that, those who attended the 45 46 meeting. And we do have that in place. 47 48 And then one other thing that we have 49 been discussing with the community and offered to do is 50

additional surveys. Last spring we counted 155 moose 1 on the North Slope, but all but eight were in the 2 3 Kongakut drainage which is a long ways for Kaktovik residents to go to try to harvest moose. But we agreed 4 to try to do surveys in the fall as well and just two 5 6 weeks ago we did a survey of the area west of the Kongakut. Daylight was too short for us to do the 7 8 Kongakut itself, but the area west of there from the 9 Sadler Road to the Chilkat River we came up with 14 moose. So that number had increased from what we'd 10 seen last spring. Was it moose moving, was it maybe 11 12 some additional recruitment into the population, we don't know. But at least the -- it was encouraging 13 that that number had increased some. 14 15 16 Another thing we're planning to do is have a radio telemetry study implemented where we will 17 18 collar up to 25 moose with radio transmitters. Hoping 19 to do that this spring and be able to track them and 20 get a lot more specific information on their movements 21 that will answer a lot more questions than just doing 22 surveys once or twice a year. 23 24 Sheep is the next topic. We -- sheep 25 numbers have generally -- are -- generally appear to be increasing since the icing event of 2012 and '13 that 26 27 knocked their numbers back significantly. And the --28 but it seems like the numbers are increasing. We only 29 survey one-third of the Refuge each year so we don't 30 survey the entire population each year. We also recently changed the methodology that we're doing so 31 it's still we think comparable, but not directly comparable. And just what we're noticing, it seems 32 33 like the population is slowly increasing. 34 The best indicator is that we're having a significant number of 35 lambs, a relatively high number of lambs, and it looks 36 like pretty good survival of lambs. And so that is 37 38 providing some optimism that the population is 39 increasing. 40 41 And then the common eider study on the Barrier Islands of the Beaufort Sea. We're studying 42 43 the reproduction of these birds. There are concerns 44 with the earlier ice melt or the pack ice receding 45 further and melting earlier, that we're getting 46 increased storm surges that impact the nesting of these 47 birds. And their numbers were really knocked back a lot, you know, 60, 70 years ago. And we do have, you 48 49 know, concern about that population. 50

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$1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 0 \\ 1 \\ 1 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	We're also monitoring shorebirds and waterfowl at the Canning River delta. This has been a collaborative effort for several years with the Manomet Bird Observatory who has been very interested in especially the shorebirds. And in collaboration with them we've been adding the waterfowl nesting into the program and looking at changes over time on their nesting species population and shifts in their use areas. And about 16 years of looking at the trends in these the bird usage there.
	Moving on to public use management. We issue commercial permits for several commercial activities such as air taxis, hunt guides, rafting guides, polar bear viewing guides and commercial photographers. We and that's, you know, that's just something that we wanted to mention. For these commercial activities we do have to issue permits or permit and come up with sideboards or regulations that direct how they are managed.
	The next topic is human/polar bear safety. We work with the Marine Mammals Management Program and the Village of Kaktovik on polar bear. Polar bear visits into the community or polar bear proximity or problems that they cause. And we do support the village with funding polar bear patrols. We've also funded food lockers to freezers that they can put meat, whale meat, muktuk and caribou and so on in. And these things we think have helped the village some, but thereare still certainly some problemsthat with bears still coming into the village.
	The next topic is polar bear viewing management. We have developed a plan for polar bear viewing and we're hoping to release that to the village to let them take a look at that. We've had several public meetings discussing the impacts, discussing potential solutions. We have not been able to release that plan. At this time the Department of Interior has told us to hold on to that. They are looking at other potential options. So we're we would really like to release this plan and implement the plan. We think it would resolve many of the issues that are associated with polar bear viewing, but at this time that's on hold.
47 48 49 50	Visitor outreach. I'm going to let Vince take this first item right here. He's dealt a

Page 360 lot more with the visitor outreach we've done. 1 2 3 MR. MATHEWS: Yes, Mr. Chair. This is 4 a follow-up to your appreciation of youth being there. 5 And the visitor outreach for the Arctic Interagency Visitor Center is dependent on what are called student 6 7 conservation association interns. So if you know of a 8 student in or students in your community who want to 9 know more how to get involve din that program let us know. But the two students are pictured there and they 10 were involved with other programs that were going on. 11 12 13 MR. BERENDZEN: We also had a study 14 that wasn't really a study, it was just a lot of 15 information that was gathered and put into a --16 essentially put into a computer and results determined 17 from that, but economic impacts from visitors. We put 18 lots of data into this program and in 2017 using data 19 from that year they generated a report that shows that 20 Arctic National Wildlife Refuge visitors to the 21 contributed more than \$29 million to Alaska's local and 22 State economies that year and it's extrapolated. That 23 was pretty much an average year so they think that's 24 pretty much every year it would be somewhere in that 25 \$29 million ball park. And that's visitors who are 26 coming to the Refuge and the associated transportation, 27 food, lodging and, you know, all the recreational 28 activities that they do and the support that's provided 29 at -- you know, for various vendors in supporting them. 30 31 So just wanted to mention that. 32 33 MR. MATHEWS: Yeah, I failed to mention 34 the other visitor outreach that's extensive. Edward would know about it. It's in Kaktovik greeting people 35 36 that are coming into that community for polar bear 37 viewing. 38 39 You can see the outreach programs that 40 are there for -- you know, our cultural camp at Arctic 41 Village, that's been going on for guite a few years. It's well received there. The students learn -- listen 42 43 and learn from an elder throughout camp and they learn all their skills that are there. So that's an 44 45 important program that is ongoing there. And there's 46 some pictures some showing in there and what they're 47 doing and that. 48 49 The rest of it shows other activities 50

that we're doing to get the message out about the 1 importance of conservation and the importance of 2 3 wildlife Refuges and that. So you'll see dragonfly day which is a program with multiple Refuges and that. So 4 that's somebody to cover with you and then I already 5 gave my little sales pitch on -- I'll just shorten the 6 7 title to the Native Youth Congress, but I'll have Eva pass around some 8 information on that. But 9 realistically there was great youth in the room today. 10 The one gentleman sitting next to me I wish I could 11 spend more time with because he was definitely 12 analyzing the analysis in the book. So anyway so 13 that's an opportunity that is sponsored by the Fish and Wildlife Service and if they're selected all expenses 14 15 paid. 16 17 So I think that -- unless Steve has 18 something else. 19 20 MR. BERENDZEN: That's all we've got. 21 If there are any questions we'll do our best to answer 22 those. 23 24 CHAIRMAN BROWER: All right. Council, 25 any questions for Steve and for Vince on ANWR stuff 26 and.... 27 28 MR. OOMITTUK: Mr. Chair. 29 30 CHAIRMAN BROWER: Steve. 31 32 MR. OOMITTUK: I just want to comment 33 thank you. 34 35 MR. BERENDZEN: You're welcome. Thank 36 you for giving us the opportunity. 37 38 MR. MATHEWS: And, Mr. Chair, as always these summaries, if there's anything you want in 39 40 addition to it, want it changed or if you want a more 41 in depth presentation, if that's the right term, just 42 let us know. This is basically a synopsis of what your 43 Refuge is doing. 44 45 CHAIRMAN BROWER: All right. It's 46 important to note, you know, the mayor has taken time 47 to visit the community as well with some concerns that were generated and I happened to have been dragged 48 49 along with the mayor to go visit. And we've been 50

trying to coordinate time with the Refuge manager about 1 the polar bear viewing with the local North Slope 2 3 Borough government and our permitting authority as 4 well. 5 6 One of the things that we found that was alarming was the amount of visitors inundating the 7 8 community. We know there's a lot of willing tour 9 guiding operations to go on, but it seems to me that 10 the -- there was a widespread concern about people needing to go to the hospital and not being able to get 11 12 on airplanes because they're all booked by guides. No 13 resident is able to get on these flights to get out to 14 even go to the hospital and missing appointments at 15 ANMC or some other hospital. 16 17 The other one is their return back to 18 the community. There's some cases that were -- we were 19 listening to where two weeks waiting in Fairbanks 20 because there's no seats available at that resident's dime. They're paying hotel or trying to find a place 21 22 to live until they got a seat on a plane to go home 23 because these flights are so inundated by polar bear 24 viewing, the guides to that community. That's what we 25 were hearing. And there seems to be there needs to be maybe a synergy developed by the Borough, the ANWR 26 managers, whatever, Fish and Wildlife Service, the 27 28 community and probably the air service provider that there should be first priority seats for residents on 29 30 these flights for fear that even getting people to 31 dialysis machines and other medications that people 32 need in villages that they don't do it at the detriment 33 of people's health. And that was a widespread concern that we heard out of Kaktovik when we were there. 34 35 36 So I don't want to elaborate too much 37 on that. 38 39 MR. BERENDZEN: Thank you, Mr. Chair. 40 Yeah, the Refuge does not have any jurisdiction on 41 Barter Island itself. We only have jurisdiction of the lagoon waters surrounding it. So the only authority we 42 43 have is for -- of the commercial polar bear viewing 44 guides on boats on the lagoon waters. But we have been 45 working with the community and actually the -- I'd 46 heard the stories about the lack of seats on airplanes 47 for -- in previous years. Two years ago some of the 48 boat guides started using charter aircraft to get their 49 clients up there and I think that alleviated two 50

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1 2 3 4 5 6 7 8 9	seasons ago that problem somewhat. This past season, just the last few months, they've been doing a lot of more of that. And what I what I was told is that most of the flights back and forth this past few months have had empty seats on the Ravn commercial flights. So what that indicates to me is that that has alleviated that overcrowding concern to a large extent.
10 11 12 13 14 15 16 17 18 19 20 21 22	And then if we could get our plan implemented, that's one of the things we would like to incorporate is that any visitors who are going up there for less than two nights would fly a charter rather than flying the commercial flights. We don't want to overdo it because if we have everybody go all the tourists go up there on charter flights then Ravn would probably cut back some of their daily flights. And that has happened or that happens at certain seasons of the year. So we don't want to cut Ravn's business out too much, but we think we can find a good balance there.
23 24 25 26	CHAIRMAN BROWER: And thank you. It's just notes because we were there this summer and with those types of concerns that were being raised. And just and that reason this summer.
27 28 29 31 32 33 35 37 38 30 41 42 43 44 45	So the other thing is always I think when commercial recreation is they got to there's a mandatory requirement to get permits from the Borough as well. And a lot of guides are like cowboy mentality. And I've been to the Big Game Services Board meetings where licensing and sanctions and stuff from guides at the Big Game Services Board meetings do happen and it's important to realize that some of these guides don't see fit to follow all the rules. And we try to take the time to put language in our permits that other regulatory this doesn't excuse you from abiding by other State and Federal regulatory requirements that you may need to abide by and that's the when we get a client making sure that, hey, you better check with ANWR manager or Fish and Wildlife Service, you may need to get a guide's permit for that region over there as well.
46 47 48 49 50	MR. BERENDZEN: Thank you, Mr. Chair. And we do the same with our permits that we issue. We notify all permitees that the North Slope Borough indicates that they also require a permit of commercial

Page 364 activities and that they need to check with the North 1 Slope Borough. 2 3 4 CHAIRMAN BROWER: Thank you, Steve. 5 And I had a hand raised up back there from ADF&G. 6 7 Carmen. I'm going to recognize Carmen 8 from ADF&G. 9 10 MS. DAGGETT: Thank you, Mr. Chair. 11 And this is Carmen Daggett for the record. And I one thing that I wanted to ask about was how much 12 13 outreach is going into the school districts on the North Slope about these internship programs. I had the 14 15 privilege recently to participate in teacher in-service for the North Slope teachers to discuss opportunities 16 17 for education outreach that those teachers can have 18 with Fish and Game and to also increase information 19 about hunter safety in the region. And it was a 20 discussion that included all of the school districts on 21 the entire Slope. 22 23 And I'm wondering they -- they were 24 talking about having me come back to talk about these 25 types of things again in November. And so if there's 26 something that you would like to share that I could share with the school districts I would be happy to do 27 28 that. I think that there's -- I'm trying really hard 29 with education and outreach stuff. There's only one of me though so I'm doing as much as I can. But I think 30 31 the connection with the school district is -- school districts is really important and hoping to encourage 32 these types of things more in the future too. And I 33 34 think it's a great program so I would really like to 35 try to help promote it if I can. 36 37 CHAIRMAN BROWER: Thank you, Carmen. 38 And I agree with you 100 percent. We had students here earlier from the Harpooners School and I think we 39 40 should be doing wherever we have influence and to look 41 the Park Service or the ANWR itself to include at students from those regions. And I like the culture 42 43 camp, if that's what you're doing on the other side, on 44 the south side of the ANWR for Venetie or for Arctic 45 Village and that area, should be doing that for 46 Kaktovik too. 47 48 MR. BERENDZEN: Thank you, Mr. Chair. 49 And I quess in response to summarize what the Refuge 50

Page 365 has been doing in Kaktovik, for several years now we've 1 had what we call an Arctic Youth Ambassador's Program, 2 3 is working with the high school students mostly. And that has gotten them involved in -- mostly the focus 4 5 has been on the polar bear interpretation, SO interpreting some of the history and information about 6 7 the community and also guidance on how to behave in the village, how to avoid polar bear encounters and safety 8 9 facts and things like that. But now that we've got a resident liaison up there, he's been expanding that 10 with the school and doing other natural resource 11 12 activities too. 13 14 As far as the culture camp, there is a 15 collaborative up there, Ken Dunton, you may have heard the name, I don't know, but he's been doing research in 16 17 the lagoons for several years now. And he hosts a 18 youth summer camp every year and we do participate in 19 that and help out with that. But we don't host a 20 summer camp ourselves up there, Ken is doing that each 21 year. 22 23 MR. MATHEWS: And in response to 24 Yes, I'll contact the State office for the Carmen. 25 Student Conservation Association internship. I have 26 all those materials back on my desk. But they did have 27 a booth at AFN. So I'll get that information and get 28 it out. I didn't cover all the qualifications of it, 29 but that's beside the point, the information needs to get out there. So I'll let that office get ahold of 30 31 Carmen and.... 32 33 MS. KIPPI: Mr. Chair. 34 35 CHAIRMAN BROWER: Wanda from Atqasuk. 36 37 MS. KIPPI: When Carmen mentioned the 38 programs or the things they were doing for the school 39 or for the students, last year during the winter I was 40 asked by our school to go speak about hunting and 41 survival. So I did that voluntarily. So I just wanted to put that out there that I did speak with students. 42 43 And there were some young hunters that were there and 44 it was very interesting to talk with them too. I just 45 wanted to put that out. 46 47 Thank you. 48 49 CHAIRMAN BROWER: (In Native), Wanda. 50

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Page 366 (In Native). We got to think about our young folks. 1 2 They're important and we need to continue to include 3 young people in what we do. 4 5 MR. BERENDZEN: Mr. Chair, one more 6 thing in response to what Carmen was asking and also 7 reflecting somewhat of what was -- just said. The 8 three Refuges based out of Fairbanks, Kanuti, Yukon 9 Flats, and Arctic have among them about four or five individuals who are instructors for hunter education, 10 I'm one of them. 11 12 13 MR. MATHEWS: Right. 14 15 MR. BERENDZEN: And we have been doing 16 hunter education programs for villages for several years now. And if there's an interest from North Slope 17 communities or schools in having hunter education 18 19 programs provided, I think we would be very happy to 20 come up and do that. 21 22 CHAIRMAN BROWER: Any other questions 23 for Fish and Wildlife Service and Arctic National 24 Wildlife Refuge from the Council? 25 26 MR. OOMITTUK: Thank you. 27 28 CHAIRMAN BROWER: Thank you very much. 29 It was informative and..... 30 31 So we'll move on to Gates of the Arctic 32 National Park Service and Preserve. It sounds like 33 Marcy maybe if she's still awake. 34 35 MS. OKADA: Thank you, Mr. Chair. This 36 is Marcy Okada, subsistence coordinator for Gates of 37 the Arctic. 38 39 The Gates of the Arctic National Park 40 Subsistence Resource Commission met this past April in 41 Anaktuvuk Pass. Their main discussions were focused on 42 studies that have taken place in areas surrounding the 43 community as well as Park Service and Alaska Department 44 of Fish and Game updates on the Western Arctic caribou 45 herd, the Teshekpuk caribou herd and dall sheep. The meeting had good community participation and the SRC 46 47 was able to hear local concerns and the next meeting is 48 scheduled for November in Fairbanks. 49 50

Related to the Western Arctic caribou 1 2 herd, the Alaska Department of Fish and Game conducted 3 a successful census in July of this year. The results are still pending. A new analysis was published 4 5 looking at factors associated with the herd's distribution and an analysis of spring migration, year 6 7 round movement and survivorship is currently underway. 8 Just recently a few weeks ago 49 radio collars were put 9 out at Onion Portage which is in Kobuk Valley National 10 Park. 11 12 In regards to moose in Gates of the 13 Arctic, the Kobuk River Preserve unit which is the 14 southern preserve unit of Gates of the Arctic was 15 surveyed this past spring. Population estimate was 601 moose which is down from 720 moose surveyed in 2014, 16 but calf recruitment improvement from 2014. It was 17 18 seven calves per 100 cows and it is now currently 23 19 calves per 100 cows. 20 21 Related to bears. Grizzly bears 22 numbers were down in the 2018 survey as compared to 2010, but snow conditions might have impacted the 23 results. The field component of the bear collaring 24 25 project is completed and the results are currently 26 being written up. 27 28 A dall sheep survey was conducted in 29 July in the Itkillik and Anaktuvuk areas by two pilots and two observers. All transects were completed. 30 Overall numbers appear to be stable in both areas with 31 no major increase or decrease. Lamb recruitment appears to be good in both areas. The data will be 32 33 34 analyzed and the results will be available at your next 35 meeting. 36 37 The National Park Service will continue 38 annual surveys in these two areas of the Park in order to monitor changes in the sheep population. And next 39 40 year, 2020, a park wide dall sheep survey is scheduled 41 to be conducted. 42 43 For the Ambler Mining District Road on 44 August 23rd the National Park Service released its 45 draft environmental and economic analysis otherwise 46 known as an EEA for public review for comment. This 47 document was prepared in response to a right-of-way application submitted by the Alaska Industrial 48 49 Development and Export Authority as part of the 50

1 2 4 5 6 7 8	proposed Ambler Mining District Industrial Access Project. Approximately 20 miles of the proposed road crosses National Park Service lands in the southern Kobuk River unit of the Park. The comment period is currently open for 60 days and comments are being accepted via online and postal service until next Tuesday, October 29th.
9 10 11 12 13 14	And lastly there was a total of three wildland fires in Gates of the Arctic. All three fires were in the Kobuk River Preserve unit in the southern portion of Gates of the Arctic and all three fires were declared out by August 21st.
15 16 17	And that's it for my update. Does anyone have any questions?
18 19 20	CHAIRMAN BROWER: Thank you, Marcy. Do we have any questions for National Park Service?
21 22	MR. OOMITTUK: Mr. Chair.
23	CHAIRMAN BROWER: Steve Oomittuk.
24 25 26 27 28 29 30 31 32 33 34	MR. OOMITTUK: Thank you. For the record Steve Oomittuk.
	On your Western Arctic caribou herd, you know, it states that the Alaska Department of Fish and Game conducted a successful census July 2019, but the results are still pending. Can you release those results and what exactly number did you, it was successful, but there's no numbers there.
35	CHAIRMAN BROWER: Good point.
36 37 38 39 40 41 42 43 44 45	MS. OKADA: So we currently have a biologist for the Park Service that studies the Western Arctic herd, but it's the Alaska Department of Fish and Game that does the actual census. And our agency doesn't have the results of those of the census that was recently conducted. I don't know when those results are going to be released, but Park Service doesn't have that information right now.
46 47	CHAIRMAN BROWER: Thank you, Marcy. We do have ADF&G willing to cough up something here.
48 49 50	(Laughter)

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And then Western Arctic caribou herd 1 2 was photo censused as we talked about earlier. And 3 they feel like they got a pretty good solid photo census when they took the photographs. They just have 4 5 to finish processing that. 6 7 CHAIRMAN BROWER: And just one final 8 one. Are you guys using a new method of digital type 9 so you can discern much easier and be able to -- I used to do a lot of digital work when I was a map maker, I 10 used to make maps for a living, and you can calculate a 11 figure and then a whole bunch of other ones just like 12 13 it light up. Are you -- is that what we're talking 14 about in terms of being able to use digital imagery to 15 better count and make a more accurate count of these 16 animals? 17 18 MS. DAGGETT: So the answer to are we 19 using digital systems, the answer is yes. We've pretty 20 much completely switched over to doing digital photography for doing photo census. And as far as the 21 22 counting process goes when we count we can select each 23 individual animal on the image and count those animals 24 and even go as far as to be able to -- sometimes to be 25 able to distinguish between adults and calves. It 26 depends on the quality of the photographs that were 27 taken, but most of the time the quality is pretty good 28 and we can do that. So we go through and mark the photographs and have a digital counter when we go 29 30 through and count those photographs. 31 32 CHAIRMAN BROWER: Thank you. Thank you, Carmen. I think we're going to go back to Marcy 33 because we deviated a little bit from her report. 34 35 36 But, Marcy, if you could continue. 37 38 MS. OKADA: Thank you, Mr. Chair and 39 Council members. That was the end of my update and 40 I'll take any other questions if there are any. 41 42 CHAIRMAN BROWER: Thank you. Any 43 further questions for Gates of the Arctic for Marcy 44 Okada? 45 46 (No comments) 47 48 CHAIRMAN BROWER: Hearing none, thank 49 you, Marcy. We'll move right on down the line. 50

Page 371 1 2 MS. OKADA: Thank you. 3 CHAIRMAN BROWER: North Slope Borough, 4 Department of Wildlife Management. 5 6 MS. PATTON: Mr. Chair and Council. We do not have them online at this time. They were 7 8 invited to participate and I know..... 9 10 CHAIRMAN BROWER: Thank you. 11 12 MS. PATTON: .....we did hear back from 13 them. 14 15 So I did want to let the Council know 16 the Office of Subsistence Management is the last report on your Council and it's really concluding statements 17 18 for the Council, it's not a huge report. So we can 19 leave that for last. 20 21 If the Council -- we do have Carmen 22 Daggett here who was prepared to provide an overview on 23 the Board of Game proposals. We did slice up some 24 sausage and cheese and crackers for an appetizer. It 25 would be an opportunity for the Council to at least get an overview because there's many Board 26 of Game 27 proposals. And even if you didn't have the time to 28 deliberate on all the proposals that you like to 29 tonight.... 30 31 CHAIRMAN BROWER: Yeah. 32 33 MS. PATTON: .....to get some 34 information. 35 36 CHAIRMAN BROWER: Sounds good. And if Madame Coordinator can get us cheese and sausage we'll 37 drill the Board of Game proposals. 38 39 40 So I think it's important because some 41 of these Board of Game stuff, even though it's the State system I think we have -- we should hear about 42 And some of them are concerning enough that I 43 them. 44 think the -- this RAC should influence some language in 45 there. 46 47 So with that I'm going to ask Carmen to 48 do some of the Board of Game proposals, in particular 49 those that are -- could be impactful to communities on 50

Page 372 the Slope. 1 2 3 And I see somebody back there that 4 hasn't -- there's opportunity to be recognized by the 5 Council if you want to come down. We usually have 6 people be recognized as attendees to the RAC. 7 8 MR. OOMITTUK: Paul. He's a bingo 9 worker. 10 11 CHAIRMAN BROWER: Oh, yeah. Paul, if -- I know you're the bingo worker I quess, but you're 12 13 welcome to be a formal attendant with the RAC. And it sounds -- if the bingo worker's here we got to hurry 14 15 up, you know, we got to get right. 16 17 MS. DAGGETT: Mr. Chair, I think it 18 would be ideal if we maybe took a five minute break to 19 give people a chance to maybe use the restroom and grab a snack. And then I can set up my projector and you 20 guys can have a little bit of a break. 21 22 23 I think that would be a good idea if I 24 can be so bold as to do that. 25 26 CHAIRMAN BROWER: Sounds like a qood 27 plan, but we got to hurry, right, because they're going 28 to be doing bingo. 29 30 (Off record) 31 32 (On record) 33 34 CHAIRMAN BROWER: Go ahead, Carmen. 35 36 CHAIRMAN BROWER: Thank you. Carmen Daggett for the record and I'm just going to go over a 37 38 few unit 26A proposals. 39 40 The first one on my list actually is 41 proposal 26. And proposal 26 can be found on page 30 of the blue books that are out on the table and there's 42 43 also handouts. So again it's proposal 26 and this is 44 the proposal that Gordon had mentioned that he wanted 45 to discuss. And it's to reauthorize the antlerless moose season west of the 156 west longitude and north 46 47 of the Colville drainage in 26A. 48 49 The Department -- it's a Department 50

Page 373 proposal and the local department recommendation is to 1 2 support this proposal. 3 4 So just a little bit of background 5 information on this proposal. If you take a look at 6 this map that we have on the screen the portion of area 7 that we're talking about that this proposal would be 8 applicable for is the brown portion in this map that is 9 where the 156 west longitude line is. 10 11 This population that lives in this area 12 of moose does not have a year round population. This regulation actually has been in effect for the past 11 13 14 years. And during this 11 years there has been a grand 15 total of four antlerless moose reported harvested in 16 this area. 17 18 The season lasts from July 1st through 19 September 14th. And this proposal -- reauthorization proposals, this one and then also proposal 27 -- not 20 proposal 27, sorry, proposal 3 which is after this, 21 22 both have to be discussed every year by the Department 23 as well as the Advisory Committees. And they both have 24 to approve them in order to allow those hunts to 25 continue the way that they are. 26 27 So this proposal basically creates 28 opportunity or continues to create opportunity for 29 people to be able to take antlerless moose in this part 30 of the State. 31 32 CHAIRMAN BROWER: I've got a guestion. 33 34 MS. KIPPI: (Indiscernible - away from 35 microphone).... 36 37 MS. DAGGETT: Sure. 38 39 MS. KIPPI: What was your last 40 sentence? 41 42 CHAIRMAN BROWER: Daggett. What are 43 you asking her last name? 44 45 MS. KIPPI: Yeah, what was your last 46 sentence? 47 48 MS. DAGGETT: It creates opportunity 49 for residents -- it continues to create opportunity for 50

Page 374 residents to hunt antlerless moose in this part of the 1 2 state. 3 4 MS. KIPPI: Thank you. 5 6 Okay. CHAIRMAN BROWER: Can I get 7 somebody from OSM, what's the current -- what can I do 8 right now on Federal public land for moose? 9 10 MS. DAGGETT: It's the same in this 11 area. The regulations are the same between the State 12 and Federal. 13 14 CHAIRMAN BROWER: Does it say 15 antlerless? 16 17 MS. DAGGETT: I'm pretty sure it does. 18 19 CHAIRMAN BROWER: Or does it say a bull 20 moose? 21 22 MS. DAGGETT: It -- I'm going to double 23 check myself, but I'm fairly certain that it says 24 exactly the same thing. 25 26 So 26A, that portion of the Colville 27 River drainage upstream and including Anaktuvuk River 28 drainage, one moose -- I'm sorry, it says one moose, 29 however you may not take a calf or a cow accompanied by 30 a calf. So I guess it doesn't say antlerless moose, it 31 says one moose. 32 33 CHAIRMAN BROWER: One moose. So I just 34 want to -- I want to be clear because there's been a 35 habit of saying it's the same when..... 36 37 MS. DAGGETT: I understand the 38 distinction, yes. 39 40 CHAIRMAN BROWER: And I want to make 41 sure because I don't want my nephews to get in trouble because they always try to go way far -- that far and 42 43 get something. 44 45 MS. DAGGETT: And I just.... 46 47 CHAIRMAN BROWER: And we already have 48 this opportunity on Federal public lands with a rural 49 preference. I don't know if it's all residents can go 50

Page 375 up there and do that, but the language that you're 1 proposing to put that in State regs, right, through the 2 3 Board of Game? 4 5 MS. DAGGETT: It would be continuing a 6 regulation that already exists onward to allow the harvest to occur the way it has been for the last 11 7 8 years in that area for residents. 9 10 CHAIRMAN BROWER: But you're the State. 11 Wouldn't there be a proposal already in place that -that's enacted by the Federal Subsistence Board already 12 13 and you're talking about taking this to the State Board of Game? 14 15 16 MS. DAGGETT: So as I described before 17 this proposal has -- it needs to be reviewed every 18 year. The regulation already exists in the Federal 19 proposal book, you're correct there. It's on the books 20 for the Federal regulations. 21 22 So does that answer your question? 23 24 CHAIRMAN BROWER: Yeah. It just seems 25 like we don't hear -- you said it has to be done every 26 year. I don't think we heard it last year. 27 28 29 MS. PETRIVELLI: It's ADF&G. 30 31 CHAIRMAN BROWER: Uh-huh. 32 33 MS. DAGGETT: Yeah, you guys haven't 34 been reviewing Board of Game proposals it sounds like. 35 36 CHAIRMAN BROWER: I'm just alarmed..... 37 38 MS. PATTON: Mr. Chair and Council. The Council has taken up Board of Game proposals when 39 40 there's been a request to take action on specific 41 proposals. I quess probably the last the Council was 42 most engaged in was the Western Arctic caribou herd. 43 44 CHAIRMAN BROWER: All right. I just 45 want to keep my train of thought here and not get so 46 cloudy. 47 48 The current regs on this area, 156 49 west, who created that think anyway. I mean, I've been 50

trying to live by that thing for eons. And, you know, 1 156 west, I got to go another 50 miles up to comply 2 3 with that. That's probably by Harry's cabin at chip 4 13. Did Harry make that law, you know, for 5 himself.... 6 7 (Laughter) 8 9 CHAIRMAN BROWER: .....so he can be 10 outside his door and catch the moose? I'm just saying. 11 12 But 156 west is way up there and I've asked to move it so that there's a little bit more 13 flexibility. I'm not saying the moose are come down, 14 15 but at the same time what's the current -- is the -- is the whole world allowed to use 156 west right now or is 16 17 just the rural preference because it's a very it 18 limited population and it's not a d-- there's no 19 conservation concern here? 20 21 MS. DAGGETT: So thank you for that 22 question, Mr. Chair. So initially when antlerless 23 moose hunts were allowed in 26A it would have included 24 that entire area, that green and brown portion. And in 25 regulatory year 2015 it was -- the Board adopted the 26 proposal to limit the area where the antlerless moose 27 were able to be taken because the portion that is west 28 of 156 and north of the Colville River drainage was 29 determined to be a population that is not year round and that the animals that wandered over into that 30 portion of the State were likely to be in poor moose 31 32 habitat to start with and so they weren't likely to 33 make it. And they wanted to protect the breeding 34 population of the moose that exist in the green portion 35 which were having a conservation concern. 36 37 And so it was to allow people to be 38 able to take moose in a time of conservation concern that were antlerless, for residents to be able to take 39 40 those moose and have some opportunity while the 41 population was still low in the other portion. 42 43 CHAIRMAN BROWER: It says in the 44 Federal regs, residents of unit 26, except Prudhoe Bay these regulations apply to, right, in the Federal req? 45 46 47 MS. DAGGETT: It does say that. 48 49 CHAIRMAN BROWER: Yeah. And it says 50

Page 377 right here that it -- it doesn't give -- it seems like 1 you have to have a C&T to use this 156 west if -- or is 2 it just a resident of -- it says resident of unit 26. 3 4 5 MS. DAGGETT: Uh-huh. So I would 6 imagine that there is both State and Federal land in 7 that area and that you would want to..... 8 9 CHAIRMAN BROWER: It's all Federal land 10 in.... 11 12 MS. DAGGETT: Even around Anaktuvuk or 13 around Atqasuk, all the land around -- and..... 14 15 CHAIRMAN BROWER: I mean, I'm just 16 talking about the 156 area. 17 18 MS. DAGGETT: Uh-huh. 19 20 CHAIRMAN BROWER: It would be another 21 hundred -- maybe another hundred miles to go to State 22 land on either direction. 23 24 MS. DAGGETT: Right. So the 25 regulations in both State and Federal land would be the 26 same. And there certainly are some State lands that exist within that portion of 26A that we're talking 27 28 about. Around some of the villages there certainly some State land exists. And it would also count for private land as well. So State regulation apply on 29 30 31 private lands..... 32 33 CHAIRMAN BROWER: Well, I think 34 we're.... 35 36 MS. DAGGETT: ....in addition to 37 Federal. 38 39 .....clouding BROWER: CHAIRMAN 40 something here because this says unit 26A, that portion 41 west of 156 longitude excluding the Colville River drainage, one moose. And excluding the Colville River 42 43 drainage.... 44 45 MS. DAGGETT: Right. 46 47 CHAIRMAN BROWER: ....meaning that 48 that's the boundary of State and Federal land. If you 49 look at the Colville River drainage there's kind of 50

Page 378 like the Colville River is almost where the NPR-A 1 boundaries are if you look at these things. So if the 2 3 Board of Game took this and then it starts to exercise it as residents, is your regs going to say residents of 4 unit 26 to do that or do you going to have to -- that 5 we would modify to say a tier hunt in your regs in unit 6 26A west of this area. And that's how come I wanted to 7 8 understand where do you -- how do you do this when --9 how do you do what the Feds are doing? 10 11 MS. DAGGETT: So this is exactly what 12 it would say and exactly what it says now. And 13 actually it doesn't say antlerless moose. 14 15 CHAIRMAN BROWER: One moose. Okay. 16 17 MS. DAGGETT: It just says one moose. 18 19 CHAIRMAN BROWER: Okay. But when it 20 goes to your system, because you're going to say 21 resident somewhere is my concern. 22 23 MS. DAGGETT: Uh-huh. 24 25 CHAIRMAN BROWER: This one here says 26 resident of unit 26, excluding Prudhoe Bay, Anaktuvuk 27 Pass and Point Hope these regs apply to. If you -- if 28 you just start to think about what it's saying because 29 it's easy to get mixed up and mired up in language. 30 Because you're going to have two conflicting views 31 because your resident's going to say you don't have to be a resident of unit 26, you just got to be a resident 32 because you manage it for the State. 33 34 35 MS. DAGGETT: So for the areas that are 36 State land on this map or on private lands this..... 37 CHAIRMAN BROWER: Maybe we should show 38 them west 156 that you're talking about because there's 39 40 no State land in that.... 41 42 MS. DAGGETT: There is. 43 44 CHAIRMAN BROWER: ..... in that portion. 45 46 MS. DAGGETT: There definitely is. 47 It's right here. 48 49 CHAIRMAN BROWER: Uh-huh. 50

Page 379 MS. DAGGETT: This is the west 156 1 2 line. 3 4 CHAIRMAN BROWER: Okay. 5 6 MS. DAGGETT: And any white area would 7 be under State management. 8 9 CHAIRMAN BROWER: Okay. 10 11 MS. DAGGETT: So hunters if they wanted 12 to catch a moose and let's say they saw..... 13 14 CHAIRMAN BROWER: But I'm just 15 saying.... 16 17 MS. DAGGETT: ....one around --18 can.... 19 20 CHAIRMAN BROWER: I'm just saying because the distance -- I'm saying 156 west, you're 21 22 talking about State land that's nearly a hundred miles the west, but your language is going to effectuate 23 to not just on the State land, but on Federal public land 24 25 where it says resident of unit 26..... 26 27 MS. DAGGETT: Uh-huh. 28 29 CHAIRMAN BROWER: .....will now be 30 overlain and covered with resident will be allowed to 31 get a moose. 32 33 MS. DAGGETT: So I understand what 34 I think that in this case there is you're saying. 35 currently consistency between the two regulations and 36 that.... 37 38 CHAIRMAN BROWER: Yeah. If we -- they 39 don't -- if they -- I think it would be all right if it 40 say that, but your rule would apply only on the State 41 land. And then this language here would apply to Federal public land where there's a rural subsistence 42 43 I really think there's a con -- there's priority. 44 conservation matter at stake here as well. 45 46 MS. DAGGETT: I mean, I think they're 47 the same, but.... 48 49 MR. RISDAHL: So, Mr. Chair. 50

Page 380 CHAIRMAN BROWER: Yeah, go ahead. 1 2 Greq, right? 3 4 MR. RISDAHL: Yeah. So basically the 5 State of Alaska has management authority over the whole 6 State. 7 8 CHAIRMAN BROWER: Uh-huh. 9 10 MR. RISDAHL: The Federal program of 11 course only has management over the Federal public lands. So technically this regulation does apply to 12 both State and Federal lands. And, yeah, there could 13 be some confusion. If you're a Federally-qualified 14 15 user you can use the State regulations or you can use the Federal regulations. But if you're not from that 16 area, you're not a local Federally-qualified user you 17 18 can only use the State regulations which means that you 19 can only hunt on the white area. 20 21 CHAIRMAN BROWER: Yeah. 22 23 MR. RISDAHL: Excuse me, I'm saying it 24 backwards. I'm saying it -- no. The Federal -- the 25 State hunters can hunt this entire area, they can hunt the white -- yeah, I don't know where I was going with 26 27 that. Yeah, they can hunt on the State lands and on 28 the Federal lands. 29 30 CHAIRMAN BROWER: I understand that. 31 But when there's a conservation concern, just like when 32 we were talking about Federal closure except to Federally-qualified users because this patient rule was 33 34 created because there's a limited, very limited amount of moose that go into the Ikpikpuk River drainage. That's my understanding. Because they just walk around 35 36 37 from Colville, from that other side and they make their 38 way and very limited moose population in this Colville -- mainly in the Valley of the Willows, that's what I 39 40 -- it's way up there. 41 42 And you're not treating this the same 43 as how you treat 26 -- 25A and B where Kaktovik is. 44 You're treating them absolutely different when it's the 45 same issue. It's a conservation concern as well. 46 47 MS. DAGGETT: I think the reason why we're supporting this proposal is because there's only 48 49 been four moose harvested in the last 11 years in this 50

Page 381 region. And so this portion.... 1 2 3 CHAIRMAN BROWER: So you're trying to 4 open it up to make it more attractive and..... 5 6 MS. DAGGETT: No. 7 8 CHAIRMAN BROWER: .....advertising it 9 so people can hear more about it? 10 11 MS. DAGGETT: No. This proposal..... 12 13 CHAIRMAN BROWER: It's what it draws 14 attention to. 15 MS. DAGGETT: ....this proposal has been on the books for 11 years. It's been this way for 16 17 18 11 years. There hasn't -- this is not a change in regulation at the moment. This is the same way it's 19 been for 11 years. And in those 11 years we have to 20 21 review this every year. And so it becomes -- it comes 22 before the Advisory Committees and the public every 23 year for discussion. And it's something that I actually am mandated to do. I'm required to bring this 24 25 before -- for discussion every year because female 26 moose are a big deal for moose populations, we have to 27 approve this every year. If there were a moose that 28 were onState land in 26A right nowand it happened to --29 and it was on State land and not Federal land and it 30 an antlerless moose or a female moose, people was 31 couldn't shoot it that were local either. 32 33 CHAIRMAN BROWER: Uh-huh. 34 35 MS. DAGGETT: They wouldn't be able to do that. They would only be able to do that on Federal 36 37 land if this proposal didn't pass. 38 39 CHAIRMAN BROWER: Okay. 40 41 MS. DAGGETT: So it creates opportunity 42 for people who -- and it also creates consistency between State and Federal regulations across that 43 44 portion of 26A. 45 46 CHAIRMAN BROWER: Yeah, that's what I 47 -- I think we shot ourselves in the foot way back then when we started talking about, hey, let's be consistent 48 49 across the board, you know, because we got rural 50

subsistence priority issues to deal with. And the 1 State doesn't really like to do any conservation issues 2 3 in my view when there's 50 percent decline in population and there's still liberal management and 4 reluctance to recognize village area of influences, the 5 6 needs of communities, but still manage it for the 7 entire State. That's what I have seen, literally seen 8 for years. 9 10 And that's always been -- and we may 11 have a -- we may have a difference of opinion, but 12 that's what I have seen. And I don't want to really, 13 you know, dominate the dialogue, but I get afraid when 14 I start to see some of the language that was intended 15 in my view to try to be able to harvest locally incidental moose that's coming across in an area where 16 17 there was large die offs before and the population 18 isn't such to support a resident hunt. 19 20 MS. DAGGETT: Uh-huh. 21 2.2 CHAIRMAN BROWER: It should be a tier hunt under the State and it should be a rural 23 subsistence priority for -- you should be a resident of 24 25 that unit. 26 27 MS. DAGGETT: Just so that you have 28 some familiarity with how the rest of the Colville 29 River moose hunt is managed, so currently we have 339 moose in this population according to the last full 30 31 census that we did in this area. It's not very many 32 moose, right. And the harvestable surplus for this population is around 16 moose. Given that I have the 33 34 harvest of -- the number of moose that have been 35 harvested in this region that have been reported over the last several years. And we're still well under 36 37 that harvestable surplus. There's no nonresident hunt 38 in this area. 39 40 CHAIRMAN BROWER: Here's the thing. 41 Sixteen moose harvestable surplus. That's is a very, very -- that herd should be protected beyond measure at 42 43 this point. There should be drawings just like in 44 Kaktovik for those three moose for these 16 moose from 45 Barrow or from Atqasuk, whoever can make it to there. 46 And you're not doing that, you're looking to make this 47 into a resident opportunity for one thing in my view 48 and it -- there's a conservation concern at stake. And 49 300 moose, those go extinct very quick and in my view 50

Page 383 these 16 moose should be community of unit 26 is what 1 I'm trying to get at. Just like there is -- you need 2 3 have a moose registration just only for the to community of Kaktovik in to even get those three moose 4 in unit 25. This is the same -- one and the same 5 6 argument. 7 8 MS. DAGGETT: Mr. Chair, I'd like you 9 to look at the reported harvest for moose in 26A..... 10 11 CHAIRMAN BROWER: Uh-huh. 12 13 MS. DAGGETT: .....for the last..... 14 15 CHAIRMAN BROWER: What does the 16 report.... 17 18 MS. DAGGETT: ....eight years. 19 20 CHAIRMAN BROWER: ....of harvest got 21 to do with it. You only got 16 harvestable surplus. 22 23 MS. DAGGETT: Right. But if we're not 24 getting anywhere near harvesting that with our 25 current.... 26 27 CHAIRMAN BROWER: We don't need to. 28 We're.... 29 30 MS. DAGGETT: .....scheme..... 31 32 CHAIRMAN BROWER: .....we're being conservative in my view. You're just -- I think your 33 point is we only get four so maybe we should let 34 Fairbanks, Anchorage and those other people get the 35 36 remaining 10. 37 38 MS. DAGGETT: They could already go do 39 that except that they can't fly there. 40 41 CHAIRMAN BROWER: Yeah. 42 43 MS. DAGGETT: It's already -- the flights are already -- flying airplanes into that area 44 45 other than into State airports..... 46 47 CHAIRMAN BROWER: Uh-huh. 48 49 MS. DAGGETT: ....they can't go fly in 50

Page 384 that area to hunt moose anyway for ..... 1 2 3 CHAIRMAN BROWER: I think we're going 4 to run out of time..... 5 6 MS. DAGGETT: .....where most of the 7 population is. 8 .....here. And I 9 CHAIRMAN BROWER: think in the best interests of -- in time, I really 10 think that we should oppose and make language and that 11 12 the regional Council up here recommends this piece of AC regulations be opposed, that we are opposed to this 13 because we're going to go around in circles. And until 14 15 we understand and the willingness for the State to look at these things in a way that facilitates community 16 And you can easily do that to allow for 17 use. 18 communities to have an opportunity to do subsistence. 19 20 MS. PETRIVELLI: Mr. Chair. 21 22 CHAIRMAN BROWER: Pat. 23 24 MS. PETRIVELLI: I'd just like to make 25 one comment though. If -- because under our regs we allow the antlerless moose now, just one moose, the 26 27 State has the same exact season. There's so little 28 State land, but if a local hunter was hunting by their village which is closer to them and they harvest an 29 30 antlerless moose and you -- and the Board of Game 31 opposes it, then that person would be in violation, 32 they would get a ticket. 33 34 And so now it's -- they would be able 35 to harvest it under either State or Federal regulations and they get the maximum opportunity to get one moose 36 under State or Federal regulations..... 37 38 39 CHAIRMAN BROWER: Okay. 40 41 MS. PETRIVELLI: .....during the period 42 July 1 through September 14th. 43 CHAIRMAN BROWER: And here's my 44 45 concern. That language is not the same because it say 46 resident of unit 26. Your language just says 47 residents. So if you were going to mirror the language 48 in unit 26 to be a resident what's the tier level that 49 would allow you to say that. Because I don't 50

1 2	understand your tier levels yet.
2 3 4	Yeah, go ahead.
56789011234567890122345	MS. PETRIVELLI: The Board of Game would not restrict it to certain residents only. And they probably wouldn't feel the need to because the idea of when there's 16 allowable moose harvest and only three moose are being harvested why would they make a restriction. So but they don't have the capacity to make restrictions by community. They would have to make restrictions based upon the tier II criteria which Carmen explained about, like and they have criteria like seven or eight criteria about economics, about distances, about harvest history. And then they would have to apply for a permit. And then if we made restrictions then, you know, how Kaktovik has to negotiate with the Refuge to get their three moose quota, then we would start making restrictions and saying whoever wants to get a moose in that area has to negotiate with somebody to get their three moose. Right now anyone who's hunting in there could get a moose and the regulations are one moose and you can get it from July 1 to September 14th.
26 27 28 29 30 31	CHAIRMAN BROWER: Okay. Is it not the case, I mean, I understand exactly what you guys are saying, but is it not the case that there's already a conservation concern on the moose as such there's a closure except for subsistence?
32 33 34 35 36 37	MS. DAGGETT: There are conservation concerns and for this population. And we feel that or at least the intent is to protect the population of moose that are the breed population of moose that are going to continue to contribute
38 39 40 41 42 43	CHAIRMAN BROWER: Okay. You're saying way too much and confusing everything. I'm just saying here there's all the reason why there's three moose in Kaktovik is that there's what, a hundred moose left on the planet over there.
44 45	MS. DAGGETT: Uh-huh.
45 46 47 48 49 50	CHAIRMAN BROWER: We've got to fight for that. We've been arguing over transient animal movements for years, that they recruit from the other side. So there's a conservation concern. This area,

2

Page 386 156 west that is being described, allowed for one 1 2 moose. It doesn't say antlerless, it just says one 3 moose. 4 5 MS. DAGGETT: You're right. 6 7 CHAIRMAN BROWER: And I'm just 8 concerned that the language you're about ready to 9 introduce will be different in nature just because it's 10 a different system. It's -- just because it's -- if 11 you were going to mirror the type of language that's in here that says resident of unit 26, but it has some 12 exclusions that these regulations apply to, resident of 13 14 unit 26 except for Prudhoe Bay, Deadhorse Industrial 15 Complex for moose. And then it goes on to say certain areas, right. But when you're going to introduce your 16 language it'll say almost the same thing, but it will 17 18 say resident without the unit -- resident of unit 26 is 19 It's going to be one moose in unit 26 for my quess. 20 residents. 21 2.2 MS. DAGGETT: Right. So the State 23 can't distinguish between residents..... 24 25 CHAIRMAN BROWER: Yes, you can by using 26 the tier levels, by..... 27 28 MS. DAGGETT: Right. 29 30 CHAIRMAN BROWER: ....recognizing the 31 conservation concern. 32 33 MS. DAGGETT: So can I -- can I 34 describe to you what the tier system process looks 35 like? 36 37 CHAIRMAN BROWER: Yeah, and we wanted to do that, but in the best interests of time because I 38 think we're going to run out for bingo here and those 39 40 things that we really wanted to hear about describing 41 the State system and I hope it's not laborious and more 42 understandable. 43 44 MS. DAGGETT: So let me give you an 45 example. In unit 23 I used to go around and hand out 46 tier II permits to communities. And I would go to all 47 of the communities that were within the range of those 48 muskox hunts there were a tier II hunt. And residents would have to apply ahead of time for those permits and 49 50
then they would get categorized based on those 1 2 applications, how many points they would get, that they 3 would drawn out of a hat for that. Right now when residents here want to hunt moose I just give them a 4 general season harvest ticket and it takes two minutes 5 6 and they can go and harvest a moose if they want to under that harvest ticket and it's very simple. If you 7 8 went through a tier II system you would have to go through that whole application process ahead of time 9 and you would have to fill out -- every resident that 10 wanted -- that thought they might want to hunt a moose, 11 12 they would have to fill it out ahead of time. Right 13 now you can get those general season harvest tickets 14 year round. 15 16 So just realize that if you're asking 17 for a tier system that it would end up operating like 18 that instead of a general season harvest ticket that it 19 does now. 20 21 CHAIRMAN BROWER: I don't think we're 22 asking for a tier system, but we're already regulated 23 156 west through the Federal regulations, we go by 24 that. 25 26 MS. DAGGETT: Uh-huh. 27 28 CHAIRMAN BROWER: But you're overlaying it to include that language and justifying it because 29 there's State lands over here in 26 that a hundred 30 miles to the -- to the west. And that it would be more 31 32 difficult for Point Lay that would -- to get their moose because they're on State land. Because that's 33 where it would -- because that's where the border of 34 35 NPR-A is in that white section is unit 26A as well. 36 37 So I'm just saving that your language should mirror what the Federal regs is saying, that one 38 39 moose for residents of unit 26A, that's what it -- it 40 says you have to be a resident in unit 26. That's what 41 the -- I'm reading what the regs say. I don't think it's a -- it's not disguised in any way unless somebody 42 43 wrote it in a way that doesn't say resident means you have to be a resident in unit 26A. I'm just saying 44 your language, in order for it to say that would have 45 46 to come with a comparable regulation that would say 47 something like that. And then it would be effective on State land and I would still be able to do my stuff 48 49 using Federal regs on Federal land without having to go 50

Page 388 to the tier system. The tier system would be enacted 1 2 over here. 3 4 MS. DAGGETT: So you're correct that we 5 would have to -- in order to be able to distinguish 6 between Alaska residents that we would have to go to a 7 tier II system..... 8 9 CHAIRMAN BROWER: Yeah. 10 11 MS. DAGGETT: .... on State and private 12 lands in order to allow people to harvest a female 13 moose in that part of -- that we're talking about. 14 15 CHAIRMAN BROWER: Okay. Yeah, well 16 it's not even saying female, it just says one moose. 17 18 MS. DAGGETT: Right. But there's 19 regulations for bulls -- other regulations for bulls. 20 So I'm 21 CHAIRMAN BROWER: Yeah. 22 just.... 23 24 MS. DAGGETT: So this seems to be able 25 to include a female. 26 27 CHAIRMAN BROWER: .....I'm just saying 28 -- I'm just saying you're putting apples and oranges together where it's hard to mix. And I don't want it 29 30 to be all of sudden the State regs are the law of the land in Federal public lands where the term resident 31 has diminished the Federal reg of saying you must be a 32 resident in unit 26A. Now it's going to say you must 33 34 be a resident of the State of Alaska to get one moose 35 in unit 26A. 36 37 And that's the difference. It may be subtle, but it's huge. And if we're going to say you 38 can use State regs or Federal regs then it defeats the 39 40 purpose of why the Federal reg is there to have rural 41 preference in a conservation concern of that species. 42 43 And that's all I'm trying to project. 44 There's a conservation concern. Even if it's just 16 45 moose. And if it's -- you know, if we were going to say maybe we need to do a preponderance of the evidence 46 that the community's dependent on these to such that it 47 required 200 moose to feel -- make the nutritional gaps 48 49 of caribou, fish and others, we need 200 moose. We 50

will -- it will indefinitely be a resident of unit 26 1 until we can harvest 200 moose and that harvestable 2 3 surplus of others then can be extended to somebody else outside of that unit. 4 5 6 And that's where the State fails in my 7 view because they -- you have the mentality to manage 8 it for the whole State. That's all I'm saying. And 9 it's important to recognize that. 10 11 And that's where a lot of the arguments 12 don't end from Anaktuvuk because there's State land north and the State will never do a tier hunt north. 13 They'll make a controlled use that are meaningless at 14 15 some points. And they still have those concerns. I don't know what the variability is, what the cause of 16 17 those caribou not coming through, I have a big idea 18 it's the periphery of the herd has shrunk so much that 19 it doesn't grace as much. Right now Anaktuvuk is 20 hunting at Nuigsut to provide food on the table. 21 That's what it's come down to right now. 22 23 And you should be focused on why is 24 Anaktuvuk hunting in Nuigsut right now and trying to 25 fix that dilemma and then -- and trying to cloud a 26 Federal system that's geared to protect the community 27 already is what I'm trying to say. And I think anymore 28 words added by you is going to be the State mentality 29 versus the Federal mentality. And I'd be willing to be my own lawyer in court to see who would win, you know. 30 31 But I'm -- that's just me. I'm saying the regs here, the Federal regs say you must be a resident of unit 26 32 33 to catch that moose. And your regs say the State of 34 Alaska, you must be a resident of the State to catch 35 that moose. That's the difference. And that's where the State had the impasse in 1994 when they couldn't --36 37 in their constitutional convention failed to make a rural subsistence priority come to life. 38 39 40 Anyway I think that's the only -- you 41 picked the right one to argue because that would take a long time and I don't know at this point what the 42 43 Council wants to do. Maybe we stay silent, but I wouldn't stay silent because it's -- if your proposal 44 45 was that there would be a tier hunt for moose in this 46 area that mirrored the language and limited those 47 incidental moose that might come around this State 48 area, that kind of mirrors the language of what the 49 Federal regs say, you must be a resident of unit 26A to 50

Page 390 catch that moose. But you're not, you're saying you 1 must be a resident of the State to catch that moose. 2 3 4 So you need -- I don't know what tier 5 level or special words that need to be changed into 6 your proposal to mirror that Federal language. And I think it's time for the State to do that. I think it's 7 8 time for the State because we've stepped on our foot and say, yeah, let's align and work togetherand we'll --9 once you cross boundaries from State to Federal lands 10 that we're not going to have different laws. And maybe 11 12 the Federal side is the right side. I think the 13 Federal side is the right way because there's already 14 been so much crying from Anaktuvuk. I got a little 15 note right here from Esther Hugo, really wants representation here on this RAC right now, but she 16 can't represent her community. She's not on the RAC. 17 18 I have this note given to me, Esther Hugo from 19 Anaktuvuk because they're hurting for caribou. All 20 their hunters are flying to Nuigsut to catch food. 21 22 MS. KIPPI: Wanda for the record. She 23 had asked me also to have someone represent Anaktuvuk 24 Pass when I had spoken to her before I traveled here 25 for this meeting. 26 27 Thank you. 28 29 CHAIRMAN BROWER: So what's the wish of 30 the Council, do you guys want to say something about 31 that Board of Game proposal from the RAC. My inclination is maybesupport with modification thatit --32 33 the language actually mirrors unit 26A Federal reg 34 that you must be a resident of unit 26A for that moose. 35 And that means you would have to probably modify it to 36 some level of a tier hunt on the remaining State land 37 on unit 26A is what I'm trying to get at. 38 39 I think we take pride in that we're in 40 this area where there's not very much moose, there is a 41 conservation concern. Those 16 moose should be all gobbled up by the communities, they're so far and in 42 43 inhospitable areas it takes a millionaire practically 44 to go get them. That's how come you don't get all 16 45 of them because you got to be really rich. That's how 46 come I say take that 156 line off and disappear that 47 line because it's bothered me for the last 10, 12 years 48 that I've seen that language in the regs. But I 49 understand it's based on a conservation concern. 50

Page 391 1 2 MR. HOPSON: Mr. Chairman. 3 CHAIRMAN BROWER: Yeah, go ahead, 4 William. 5 6 MR. HOPSON: Yeah, I see this argument 7 is not going to end. 8 9 CHAIRMAN BROWER: Uh-huh. 10 11 MR. HOPSON: And the only solution, I 12 mean, to reintroduce it and come back in the next meeting. We have to show a little respect on both 13 14 sides. We're not here to argue. Please respect that 15 and let's reintroduce this to the next meeting and maybe we can have a rational meeting. 16 17 18 Thank you, Mr. Chairman. 19 20 CHAIRMAN BROWER: (In Native), William. 21 Yeah. Yeah. I think there's some time constraints as 22 well. I don't know when the Board of Game is going to 23 take this up. 24 25 MS. DAGGETT: January. 26 27 CHAIRMAN BROWER: In January. And our 28 winter meeting is probably going to be March or 29 February. And we would have missed the boat at that 30 point to influence in any way what the Board of Game 31 might say in this. So it's probably our only opportunity unless there's a special meeting to talk 32 33 more about it. 34 35 I think arguments, I think this is 36 constructive because we have regulations already on the 37 book on the Federal side that says you must be a resident in unit 26A to harvest that moose, 156 west. 38 That's the language and that's what she is proposing to 39 40 go to the State Board of Game to bring that proposal to 41 -- through the RAC is what it is. 42 43 Anyway, yeah. Argument, I know it's 44 hard to hear these things, but, you know, my heart is with the people that need the -- if we don't argue 45 46 these things pretty soon you will have those concerns 47 that -- ina conservation climate there's, hey, we can --48 I'm -- I got a airplane in Fairbanks and which we \_\_\_ 49 it's their right, they see this opportunity here that's 50

Page 392 overlain by State regs that may have -- you can hunt by 1 State reg or Federal regs in my books in these areas 2 3 and that would allow them to come in from Fairbanks and Anchorage and all -- any other places in the State of 4 5 Alaska as a resident to take that moose in 156 west. 6 When our Federal regs say you must be a resident, that means you must be living in Atqasuk, Barrow or Nuiqsut 7 8 or Wainwright or Point Lay. Those are the residents in 9 this area. 10 11 MS. ITTA: Mr. Chair. 12 13 CHAIRMAN BROWER: Yeah, go ahead, 14 Martha. 15 16 MS. ITTA: My question is if we don't 17 take any action tonight right now, will the Board --18 will Fish and Game be approving or disapproving this 19 proposal even before our next meeting. Is that what 20 I'm hearing? 21 22 MS. DAGGETT: So if you guys weren't to 23 meet before January, the Board of Game would make the 24 decision whether they would want to support or oppose 25 this proposal and pass it on. It would be a Board of 26 Game decision. And it.... 27 28 CHAIRMAN BROWER: In a sense, yes. 29 With all those many words, yes. 30 31 MS. ITTA: Okay. So that being said 32 and I don't think we're going to be having a special 33 meeting just in regards to this or in the near future 34 I think, you know, it's really that we give our SO input and, you know, give -- go through this proposal 35 36 tonight. 37 38 CHAIRMAN BROWER: Yeah, I think it's 39 just -- what we're going to do is provide comments as a 40 We're not going to make a decision for them. RAC. 41 It's just going to let the Board of Game know that this 42 RAC listened to the proposal and we can suggest that we 43 don't like it or we can say well, I think it would be 44 better if you added the language, mirror the existing 45 regs on the Federal side that you must be a resident of 46 unit 26A because it doesn't say that in -- it just adds 47 resident. I kind of read it and looked at it and it 48 scares me when they add resident because resident means 49 -- it may trump, you can hunt on State reqs or Federal 50

Page 393 regs on Federal public lands and if they introduce that 1 and it's going to say one moose, 156 west, harvestable 2 by resident. That means, Fairbanks, Anchorage, Juneau, 3 anybody else that want to come up and go take that 4 5 moose. 6 7 MS. PATTON: Mr. Chair and Council. 8 And I'm going to have to interrupt here because we do 9 have -- our community is going to be in here at 8:00 10 o'clock so..... 11 12 CHAIRMAN BROWER: All right. We know 13 that. So.... 14 15 MS. PATTON: .....we are going to have 16 to conclude the meeting soon. 17 18 CHAIRMAN BROWER: We understand that, 19 but I think when we're talking about something and we're -- you're almost limiting us from saying 20 something that we might want to say. And we understand 21 22 that the community's going to do bingo here in a few 23 minutes. 24 25 MS. ITTA: Mr. Chair. 26 27 CHAIRMAN BROWER: Martha. 28 29 MS. ITTA: That being said the comments 30 that you just made and the questions and concerns, are 31 those going to be taken as comments? 32 33 CHAIRMAN BROWER: It will be -- here's what will happen. If we make a motion and say we 34 support with modifications that -- with the -- only if 35 their proposal mirror the language in the Federal regs 36 in unit 26A that included you must be a resident of 37 unit 26A to harvest that moose. That means they're 38 39 going to have to do something like a tier hunt in order 40 to do that. 41 42 MR. OOMITTUK: So moved, Mr. Chair. 43 44 CHAIRMAN BROWER: There's a motion on 45 the floor to comment on the State Board of Game for 156 46 west that we support it with modifications that the 47 language mirrors the Federal regs that allow for a resident of unit 26A to harvest that moose. 48 49 50

Page 394 1 2 MS. ITTA: I second it. 3 CHAIRMAN BROWER: Seconded by Nuigsut. 4 5 MR. OOMITTUK: Question. 6 7 CHAIRMAN BROWER: Ouestion. All those 8 in favor of providing these comments signify by saying 9 aye. 10 11 IN UNISON: Aye. 12 13 CHAIRMAN BROWER: All those opposed, 14 same sign. 15 16 (No opposing votes) 17 18 CHAIRMAN BROWER: Ayes have it. Those 19 are the comments of the Regional Advisory Council on that proposal. And I don't know exactly what the number is, 26. Okay. So we -- so that's our comments 20 21 22 and I don't think we have anymore time to entertain the 23 three remaining proposals. 24 25 MS. DAGGETT: I'd like to respectfully 26 thank you for your comments. 27 28 CHAIRMAN BROWER: Thank you. 29 30 MS. PATTON: Thank you. 31 32 CHAIRMAN BROWER: I think at this 33 point, what do we need to do, do we need to adjourn or 34 set the next meeting date. 35 36 MS. PATTON: Yes, we do need to set the 37 next meeting date and I don't know if there's some closing comments that Greg would like to make on behalf 38 39 of OSM. But while -- we can go to your calendars in 40 the back of your meeting book at 178 and 179. 41 42 And, Greq, you're welcome to come up as 43 we're looking up the calendars. 44 45 So I'd like to on 178 to take a look at 46 the winter meeting calendar. The North Slope Council had selected February 19th and 20th. And we would just 47 48 need to reconfirm that those dates work for the Council 49 members or if there's an alternate date that's needed. 50

Page 395 And then for the fall, 2020 meeting calendar we'll need 1 to select those fall dates. And right now for 2020 2 3 it's open except for the week that typically is AFN, Western Interior, Eastern Interior, so that week of 4 5 October 13th is closed. 6 7 But we're going to let Greg provide a 8 brief OSM update and closing comments on behalf of OSM. 9 10 Thank you, Greq. 11 12 CHAIRMAN BROWER: Yeah, go ahead, Greg. 13 14 MR. RISDAHL: Mr. Chairman, members of 15 the Council. It feels a little bit like I'm going to get blamed for eating the last of the cereal out of the 16 17 cereal box. 18 19 (Laughter) 20 21 MR. RISDAHL: But I actually had -- it 22 is a short, less than 15 minutes, summary of three 23 things, 2019 Federal Subsistence Board actions, accomplishments, highlights for OSM and then the update 24 on the OSM staffing. Now I can do one part, two parts 25 or three parts, it's -- I guess I leave it up to you 26 27 depending on how ready you are top close the meeting. 28 29 CHAIRMAN BROWER: What's the wish of 30 the Council? You have to read everything or I think he 31 probably can summarize pretty good at this point. 32 33 MR. RISDAHL: I'll do my best to 34 summarize it even less than it is..... 35 36 CHAIRMAN BROWER: Okay. 37 38 MR. RISDAHL: .....if that's the wishes 39 of the Council. 40 41 CHAIRMAN BROWER: All right. We're 42 seeing some nods. 43 44 Go ahead, Greg. 45 46 MR. RISDAHL: Okay. Thank you very 47 much. 48 49 Okay. Beginning with the Federal 50

Subsistence Board actions. During the April, 2019 1 2 regulatory meeting the Federal Board took action on 19 3 fisheries regulatory proposals. The Board also implemented a system of temporary special actions to 4 cover the improved changes to the fish regulations 5 until they were published because we got a late start 6 7 from the furlough, et cetera. It all worked out in the 8 end. 9 10 At the Board's July 19 teleconference, 11 the Board took action on three wildlife temporary 12 special actions. One for unit 13 moose and caribou, 13 WSA 19-03 which failed. One for unit 10, Unimat Island 14 caribou, that was supported, that was 19-05. And a 15 caribou hunt for units 20E, 25C and 20F and that was 16 also supported, wildlife special action 19-06. 17 18 At the Board's August, 2019, public 19 work session the Board reviewed the Regional Advisory 20 Council nominations and charter package. And that was submitted to the Secretary's office, reviewed by the 21 22 Assistant Secretary's Office, Steve Wackowski, the 23 Special Assistant and the U.S. Regional Forester. 24 25 The Board also took action on three more wildlife temporary special actions associated with 26 unit 18 moose and that was supported with modification 27 give the delegated authority to the in-season 28 to manager. Unit 2 wolves, that was also supported. And 29 a third was with unit 23 moose which they also 30 31 supported. 32 33 The Board also reviewed two Federal Subsistence Program informational videos. One was 34 35 titled how to submit a proposal and the other was how to become a member of the Regional Advisory Council. 36 37 Additional videos are being developed on such things as 38 how to submit a special action request or how to request a cultural or educational permit. These videos 39 40 were produced in partnership with the Alaska Teen Media 41 Institute. They are available from the OSM web page, on Facebook or YouTube. 42 43 44 The Federal Subsistence Board currently 45 has scheduled the following meetings. This is fairly important. There's a January 28th to 30 Board retreat 46 and public work session which is tentatively planned to 47 be held in Anchorage. The Board there will address the 48 49 Fisheries Resource Monitoring Program that Karen had 50

Page 397 given you guys the update on earlier. 1 2 3 In April of 2020 the wildlife 4 regulatory meeting will take place. That is scheduled 5 to take place in Copper Center and of course the Board 6 will discuss and take action on all the wildlife 7 regulatory proposals and other agenda items that may 8 come up. 9 10 As far as the Subsistence office 11 highlights, 55 wildlife proposals were analyzed by OSM staff this year and they're all scheduled to be 12 presented to each of the Regional Advisory Council. 13 You guys only heard some crossover proposals and one 14 15 statewide proposal because there were no specific 16 wildlife proposals for this area. 17 18 The Board will take action on all of 19 the proposals during the April meeting as mentioned. 20 21 The Anthropology Division conducted 22 analyses 10 customary and traditional use on 23 determinations for Southcentral, Southeast and the 24 Interior Alaska region Councils. 25 26 So far the OSM staff has analyzed eight 27 wildlife temporary special actions. The Board has 28 taken action on six of those requests and two are still 29 in review. 30 31 In total there were 17 wildlife closure 32 reviews that had to be done this year by OSM staff and each of them are being reviewed one by one at the 33 34 respective Councils where they take place in. 35 36 The OSM staff also made comments on 46 37 Alaska Board of Game proposals like -- kind of like the 38 one you guys were just working on here. 39 40 The Federal subsistence chinook salmon 41 fishery was restricted by the Federal Subsistence Board 42 on the Kuskokwim River this year and two Federal 43 subsistence chinook salmon fisheries were closed 44 through the emergency special action process, one on 45 the Situk and one of the Stikine Rivers. 46 47 subsistence sockeye Two salmon fisheries were also closed this year through Federal 48 49 emergency action due to low returns. And that -- one 50

was on the Chignik and the other one was the Stikine. 1 And Orville mentioned the one on the Chignik. Although 2 3 it was not nearly as drastic as what happened the 4 previous year when almost nothing returned. 5 6 Six subsistence rulemaking documents were published in the Federal Register this past year 7 8 which include two proposed rules, three final rules, 9 one notice on information collection for permits and 10 the Council nomination packets. The three final rules were the 2018, 2019 and 2020 subsistence taking of 11 12 wildlife. The second one was the Cook Inlet area regulations that the Fisheries staff reorganized and 13 14 the Board voted to accept them the way they'd changed. 15 And the third final rule was the 2019, 2020 and 2021 subsistence taking of fish regulations. 16 17 18 Orville mentioned that he'd conducted 19 numerous consultations. I think he said 149 Federally recognized tribes here in Alaska and 10 regional 20 corporations. He's also conducted 10 tribal engagement 21 22 sessions and worked with a number of high schools in 23 four regions with the goal of increasing awareness of 24 the Federal Subsistence Program and its objectives. 25 You may recall that in 2017 the Board 26 adopted a new policy on the nonrural determination 27 28 process. In the spring of 2018 the first call for 29 proposals went out and one nonrural determination was issued for the community of Moose Pass. That proposal 30 31 will be analyzed by the Board in their January, 2021 32 meeting. 33 34 The OSM staff are drafting a best 35 practices document to be finalized by the end of this year and it will provide general guidance for data 36 37 requests and exchanges of information between the State 38 of Alaska and OSM. 39 40 Moving on to the Regional Advisory 41 Councils. One of the primary functions of the Councils is to provide recommendations to the Federal 42 43 Subsistence Board on the take of fish and wildlife on 44 Federal public lands. This past regulatory cycle the Board received 20 fisheries proposals, one was 45 46 withdrawn by a proponent and they were all acted on. 47 The -- let's see, the Board accepted the majority of the proposals and the RAC recommendations in whole or 48 49 with modification for 18 of the 19 proposals. 50

Page 399 Fisheries Resource Monitoring Program 1 is preparing to start another year for 2020, the notice 2 3 of funding opportunity. And we reviewed 28 Resource 4 Monitoring Program proposals. And as Karen had said the proposals were reviewed by the Technical Review 5 Committee and they were scored and the final results 6 will be coming out in January, which projects are 7 actually funded. And it's based essentially on the 8 9 availability of funding which we're -- we're still working through that process. But essentially the 10 Board approves it and the ARD for OSM, the assistant 11 12 regional director, makes the final decision. 13 14 As far as Partners Program goes, this 15 year seven proposals were funded for the 2020 to 2023 16 funding period. The awards are going to Bristol Bay Native Association, ONC, the Tanana Chiefs Conference, 17 18 the Native Village of Eyak, the Native Village of 19 Napakiak and two new partners this year, the Yakutat 20 Tlingit and Qawalangin Tribes. 21 22 In total this year OSM awarded \$4.3 23 million dollars to these programs together. 24 25 The last thing that I wanted to mention 26 is the current staffing situation at OSM. We have 32 permanent staff in place right now with 12 vacancies. 27 28 And I mentioned that the OSM ARD position cert is out 29 for the third time in about a year and currently the Federal Subsistence Board members that are on that 30 committee are putting together a review panel to 31 interview folks. And I don't know who they are for the most part, we'll hear more on that hopefully in the 32 33 34 near future. 35 36 Our other vacancies right now and our 37 priorities to fill as soon as possible are our three 38 administrative assistant positions, Anthropology supervisor, two fish biologists, two wildlife biologists, the Council Coordination supervisor, 39 40 41 cultural anthropologist and subsistence policy 42 coordinator. 43 44 And I can say happily in the last two weeks the region, Alaska region, has finally come up 45 46 with an interim plan to fill these positions. It's 47 been really difficult because of the transition from 48 having our own in-house HR staff to this -- what they 49 call the JAO, the Joint Administrative Office. They --50

basically the Department of Interior created a 1 2 ' completely new agency and they're combining all this 3 administrative work for all the different agencies that fall under DOI. And it's been quite a process to get 4 those folks up and running. And anyway we have an 5 6 interim process to try to get some of these positions 7 filled more quickly. I'll just leave it at that. 8 9 In the meantime we do have some details 10 filling in. Tom Doolittle, he's the deputy ARD, so 11 he's still acting as the ARD. Suzanne Worker is --12 she's a wildlife biologist for us now and she's the 13 acting subsistence policy coordinator, a very important position. I am the acting deputy assistant director 14 15 when I'm not doing the Fisheries stuff and Tom Kron is 16 the acting council coordinator supervisor. 17 18 We talked about ANSEP a little bit. On 19 a bright note we hired and placed 11 Alaska Native Science and Engineering Program interns in the field 20 with biologists to expose them to careers in biology. 21 22 And this included four ANSEP summer bridge students 23 entering their first year in college and six ANSEP 24 university success students with career interests in 25 the Fish and Game, Fish and Wildlife Service and other 26 conservation kinds of organizations including tribal 27 ones. 28 29 With that I'd be happy to answer any 30 questions. 31 32 CHAIRMAN BROWER: What's the wish of 33 the Council, does anyone have any comments to Greg? 34 35 MR. OOMITTUK: Mr. Chair. 36 37 CHAIRMAN BROWER: Go ahead, Steve. 38 39 MR. OOMITTUK: Thank you. 40 41 MR. RISDAHL: My pleasure. Thank you 42 very much. Really appreciate all the work you guys do. 43 You have stamina, that's all I can say. 44 45 CHAIRMAN BROWER: Thank you, Greg, as well. And thanks for all the staff. You know, we 46 47 didn't come here to beat anybody up and if you felt beat up by us on some of the regulatory proposals, I 48 49 think we're just trying to look out for the residents 50

Page 401 around here, you know. And I think we have a big heart 1 for making sure subsistence up here is the law of the 2 3 land in these parts. 4 5 MR. OOMITTUK: Mr. Chair. 6 7 CHAIRMAN BROWER: Go ahead, Steve. 8 9 MR. OOMITTUK: Yeah, just one more 10 comments. It starts getting light around 9:30. So we want to do a tour so before you guys leave we'll try to 11 do a tour about 9:30, see the sights of Point Hope 12 13 before you leave. 14 15 CHAIRMAN BROWER: And Steve's going to 16 be our tour quide. He's one heck of a tour quide, I'll tell you that much. He's pretty good. 17 18 19 MR. RISDAHL: Mr. Chairman and Steve, just for clarification. You mean 9:30 tomorrow 20 21 morning, correct? 22 23 (Laughter) 24 25 MR. RISDAHL: Well, thank you guys very much. We really appreciate all you do and we'll see 26 27 you at dinner. 28 29 CHAIRMAN BROWER: All right. Thank 30 you. 31 32 MR. OOMITTUK: Just one more thing. The city is doing a fundraiser for a local family so if 33 you like to play bingo there's open floor over here. 34 You pay \$1 a card, you could win \$40. So but it is a 35 fundraiser for family members that we recently had a 36 death and they're trying to get all the family members 37 back home. So if you like to play bingo come on down. 38 39 40 MS. ITTA: Mr. Chair. 41 42 MR RISDAHL: Steve, what time would 43 that be? 44 45 MS. ITTA: 8:30. 46 47 MR. OOMITTUK: Half hour. 48 49 CHAIRMAN BROWER: Soon as we get out of 50

Page 402 here bingo starts. 1 2 3 4 MS. ITTA: Mr. Chair. 5 CHAIRMAN BROWER: Yeah. Go ahead, 6 Martha, from Nuigsut. 7 8 MS. ITTA: I would like to thank the 9 Board and the community of Point Hope for a nice welcome. This is my first time here in Point Hope and 10 11 I really enjoyed it here. So thank you to Steve and 12 your community for the warm welcome. 13 14 CHAIRMAN BROWER: (In Native). 15 16 (Applause) 17 18 CHAIRMAN BROWER: We that we need to 19 just codify is that February 19, February 20 of our 20 next meeting for 2020? 21 22 MS. PATTON: Correct. If the Council 23 can just confirm if that meeting date still works and 24 then select.... 25 26 CHAIRMAN BROWER: Is that good, 27 February 19 and February 20, that's..... 28 29 MR. OOMITTUK: So move. 30 31 CHAIRMAN BROWER: It's been moved 32 for.... 33 34 MS. ITTA: Seconded. 35 36 CHAIRMAN BROWER: .....February 19. 37 Seconded. 38 39 MS. ITTA: Ouestion 40 41 CHAIRMAN BROWER: Question's called. 42 All those in favor of February 19, February 20, signify 43 by saying aye. 44 45 IN UNISON: Aye. 46 47 CHAIRMAN BROWER: All those opposed, 48 same sign. 49 50

Page 403 1 2 (No opposing votes) 3 CHAIRMAN BROWER: The ayes have it. 4 We're going to have our next meeting on that date and 5 it looks like it's in Barrow. 6 MS. PATTON: And Mr. Chair and Council. 7 8 Just one more meeting date. So we do tentatively select the fall 2020. If you'll look on page 179, the 9 10 next page over, that entire block is open. Any of 11 those weeks except for that week that starts with 12 October 12th. So everything's open except for the week 13 of October 12th through the 16th. 14 15 CHAIRMAN BROWER: I think we should do 16 something earlier like in August or something, you 17 know. 18 19 MS. ITTA: I suggest.... 20 21 MR. OOMITTUK: So moved, Mr. Chair. 22 23 MS. ITTA: .....August 18th. 24 25 CHAIRMAN BROWER: There's a motion on 26 the floor for August 18 and August 18 and I think it's 27 usually two days, right? 28 29 MS. PATTON: Yeah. 30 31 CHAIRMAN BROWER: So 18 and 19 or you 32 guys want 17 and 18? 33 34 MS. ITTA: Either one. 35 36 CHAIRMAN BROWER: Going to have to 37 travel on the weekend though so I think we should do 18 38 and 19 that way they can pay us, you know. 39 MR. OOMITTUK: So moved, Mr. Chair. 40 41 42 MS. ITTA: Seconded. 43 44 CHAIRMAN BROWER: All right. All those 45 in favor of August 18 and 19 signify by saying aye. 46 47 IN UNISON: Aye. 48 49 CHAIRMAN BROWER: All those opposed, 50

Page 404 same sign. 1 2 3 4 (No opposing votes) 5 CHAIRMAN BROWER: Ayes have it, August 6 18 and 19 for fall, 2020. 7 8 All right. Motion to shut the mics 9 off. 10 11 MS. PATTON: Mr. Chair and Council. 12 One more announcement is that I just want to let folks know that Tom Evans will be retiring this December. 13 14 15 CHAIRMAN BROWER: Bye, Tommy, I will.... 16 17 18 (Applause) 19 20 CHAIRMAN BROWER: Man, I'm not going to 21 be able to argue with Tom anymore. 22 23 MR. OOMITTUK: Can I -- I have a 24 question. Where are you retiring so I can go visit? 25 26 (Laughter) 27 28 MR. EVANS: Anchorage. 29 30 CHAIRMAN BROWER: That's close enough. 31 All right. I need a motion to adjourn. 32 33 MR. OOMITTUK: So moved. 34 35 CHAIRMAN BROWER: There's a motion on 36 the floor to adjourn. 37 38 MS. ITTA: Second. 39 40 CHAIRMAN BROWER: Been seconded. 41 42 MS. ITTA: Call for question. 43 44 CHAIRMAN BROWER: All those want to 45 adjourn say aye. 46 47 IN UNISON: Aye. 48 49 CHAIRMAN BROWER: All those that don't 50

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3		(Laughter	)					
56		(No opposing votes)						
1 2 3 4 5 6 7 8 9	We're adjourned		BROWER:	The	ayes	have	it.	
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CERTIFICATE UNITED STATES OF AMERICA ) )ss. STATE OF ALASKA ) I, Salena A. Hile, Notary Public in and for the state of Alaska and reporter for Computer Matrix Court Reporters, LLC, do hereby certify: THAT the foregoing pages numbered 02 through contain a full, true and correct Transcript of the NORTH SLOPE FEDERAL SUBSISTENCE REGIONAL ADVISORY COUNCIL MEETING, VOLUME II taken electronically on the 24th day of October in Point Hope, Alaska; THAT the transcript is a true and correct transcript requested to be transcribed and thereafter transcribed by under my direction and reduced to print to the best of our knowledge and ability; THAT I am not an employee, attorney, or party interested in any way in this action. DATED at Anchorage, Alaska, this 16th day of November 2019. Salena A. Hile Notary Public, State of Alaska My Commission Expires: 09/16/22