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1	YUKON KUSKOKWIM DELTA SUBSISTENCE
2 3	REGIONAL ADVISORY COUNCIL
4	PUBLIC MEETING
5 6	VOLUME II
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9	Yupiit Piciryarait Cultural Center
10 11	Bethel, Alaska October 28, 2022
12	9:16 a.m.
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16 17	MEMBERS PRESENT:
18	Myron Naneng, Acting Chair
19	John Andrew
20	Jackie Cleveland
21 22	Norma Evan
22	James Landlord Henry Parks
24	Phillip Peter
25	Alissa Rogers
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32 33	Designal Council Coordinator Drocks MaDavid
33 34	Regional Council Coordinator, Brooke McDavid
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42	Computer Matrix Court Reporters, LLC
43 44	329 F Street, Suite 222 Anchorage, AK 99501
44 45	907-227-5312/sahile@gci.net
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PROCEEDINGS (Bethel, Alaska - 10/28/2022) (On record) ACTING CHAIR NANENG: Advisory Council, there's a lot of work that needs to be done so from here on I would appreciate that we make a concerted effort to show up on time, because I know that some of you would want to get back home later on in the day and if the presenters are not present, we'll go onto the next item if they notify us that they're not here. So in the interest of time I'll go ahead and call the meeting to order. The time now is 9:16 a.m. October 28th and before we get on to the agenda items, I'd like to know if there's anyone that would want to make any public comments. Tim. MR. SHEPPARD: Good morning, Mr. Chair, this is Stanislaus Sheppard, Mountain Village. ACTING CHAIR NANENG: Before we go on, and I'm sorry, I forgot to do this. Let's do a roll call of the Council Members first. MS. MCDAVID: Good morning. For the record this is Brooke McDavid, Council Coordinator. Henry Parks. MR. PARKS: Present. MS. MCDAVID: Norma Evan. MS. EVAN: Present. MS. MCDAVID: John Andrew. MR. ANDREW: Here. MS. MCDAVID: Thomas Alstrom. Thomas is absent due to illness. Jackie Cleveland. MS. CLEVELAND: Here. 

0145	
1 2	MS. MCDAVID: James Landlord.
3	MR. LANDLORD: Here.
4 5	MS. MCDAVID: Alissa Rogers.
6 7	MS. ROGERS: Present.
8 9	MS. MCDAVID: Phillip Peter, Sr.
10 11	MR. PETER: Here.
12 13 14	MS. MCDAVID: Wassilly Alexie. Wass is absent and has an excused absence.
15	
16 17	Ray Oney.
18	(No comments)
19 20	MS. MCDAVID: Ray, were you able to
21 22	call in today?
23	(No comments)
24 25 26	MS. MCDAVID: Ray is absent. Myron Naneng, Sr.
27 28	ACTING CHAIR NANENG: I'm here.
29 30 31	MS. MCDAVID: Robert Hoffman, are you on the line with us today?
32	
33 34	(No comments)
35 36 37	MS. MCDAVID: I know Robert was in Anchorage for some treatment, so he might be able to call in later.
38 39	And Richard Slats?
40 41	(No comments)
42 43	MS. MCDAVID: No Richard.
44 45	Mr. Chair, we have quorum.
46 47 48 49 50	ACTING CHAIR NANENG: Okay. Thank you. We'll go ahead and start off the meeting with public comments before we go onto the agenda items of

0146 1 proposals, so, Tim. 2 3 MR. ANDREW: Thank you, Mr. Chair. Good 4 morning, Mr. Chairman, members of the Council. My name 5 is Timothy Andrew. I'm a subsistence user representing myself. Just a continuation from yesterday giving me 6 7 the chance express part of what I was intending to talk about. I'm from the community of Marshall or the last 8 9 several weeks, and thank you to Norma, that we've been 10 having a bear issue in the community. I understand 11 it's a sow with a cub, grizzly bear, been pretty much 12 tearing the community, taking moose that are hanging in 13 the fish racks and just ruckus in the community. 14 15 We also had a brown bear here in Bethel 16 just north of my house up in Tundra Ridge. It came 17 within 50 yards of the road this past September -- or 18 in August. 19 20 And it seems apparent that with the 21 lack of berries and with the lack of other alternative 22 food sources that these animals are starting to come 23 into town. There's not a whole lot that we can do 24 about it, but it's just something that arises as food 25 sources tend to disappear for these animals that they 26 depend on. 27 28 The other thing that I would like to 29 mention, it's good to see -- it's very heart warming to 30 see young ladies, young people participate in the 31 regional advisory council, Norma, Alissa and Jackie. 32 And hopefully that trend continues so that we can carry 33 on our involvement, our input into the Federal 34 subsistence management in Alaska. So thank you very 35 much. 36 37 The other issue is there's been a lot 38 of sightings of musk oxen in various areas, tundra 39 villages. There's a herd on the Yukon River, there's 40 some in the Kuskokwim Mountains behind Kalskag, various 41 locations. And it's quite apparent that there's an 42 increase in population perhaps to a limited huntable 43 pop -- level. And this next game cycle I'm intending 44 to submit a proposal to the Alaska Board of Game and also to the Federal Subsistence Management, although 45 46 it's not a subsistence priority under the Federal 47 management, but would like to make it so, so that we 48 can at least at some day have an opportunity to harvest 49 these animals. 50

0147 1 And so the question I would leave at the end of my testimony is how do we nominate a species 2 3 for subsistence priority. Do we submit a proposal? Is 4 there a process that we're supposed to go through? 5 6 And hopefully at some point somebody 7 will answer that question, because the Yup'ik people are very opportunistic as far as subsistence hunting 8 9 and fishing and gathering whatever resources that are 10 edible and something that we've grown to love, like the 11 beaver. The beaver came in in huge populations back in the 1970s. They had a great big growth 1970s, 1980s. 12 13 Prior to that they were very low in population. They 14 were -- just started to move down towards our area. In 15 fact, I remember my dad harvesting beaver and he had to 16 put in a locked CITES tag because the beaver 17 populations were so low, but now that they're here, we 18 had a -- we depended on that for subsistence and we 19 didn't have to go through that process at that time. 20 21 But we need to be able to -- as animals and different species start settling on our lands, you 22 23 know, we're going to be out there subsistence hunting 24 and fishing and gathering, and we'd just like to know 25 how that process -- how we can start that process. 26 27 And thank you very much, Mr. Chair. 28 29 ACTING CHAIR NANENG: Yeah, Tim. Anyone 30 else with a comment. 31 32 MS. MCDAVID: On the phone. 33 34 ACTING CHAIR NANENG: Anybody else on 35 the -- would like to make public comments. Is anyone 36 on the phone? 37 38 MR. SHEPPARD: Good morning, Mr. Chair, 39 this is Stanislaus Sheppard, Mountain Village. 40 41 ACTING CHAIR NANENG: Yeah, go ahead, 42 Stan. 43 44 MR. SHEPPARD: Good morning. (In 45 Yup'ik) 46 INTERPRETER: I am going to speak in 47 48 Yup'ik from (in Yup'ik). 49 50

0148 1 MR. SHEPPARD: Good morning, Board. My name is Stanislaus Sheppard. My Yup'ik name's (in 2 3 Yup'ik). I was born and raised here in the Yukon, 4 reside in Mountain Village. A subsistence user all my 5 life. During the course of my life I've seen a lot of changes, especially on the resource salmon. I grew up 6 7 eating salmon every year and participate in the fish camp stake, putting it away for the winter. 8 (In 9 Yup'ik) 10 11 INTERPRETER: It is getting worse here 12 and our culture and ways are disappearing because of 13 this, but in other areas, in the ocean are abundant. 14 15 MR. SHEPPARD: I'm sorry. Maybe go back 16 and -- do you have a translator, Myron? 17 18 ACTING CHAIR NANENG: You're being 19 translated as you're speaking, Stan. 20 21 MR. SHEPPARD: Quyana. (In Yup'ik) 22 23 INTERPRETER: And because of this reason 24 my grandpa and my dad, they've told me, when you grow 25 up, the fish -- for this reason people will start to be 26 against you and it is getting worse. We no longer can 27 fish for subsistence for three years now. It seem like 28 we're going through a moratorium and it's because from 29 (Indiscernible) and from down the river it's like we're 30 having a moratorium. A lot of people were stingy and 31 from the shoreline, but when we tried different ways, 32 they are starting to become abundant. After they 33 studied the Kuskokwim River they started the moratorium 34 in our area and that's what w were told in the Yukon 35 River. And after the moratorium they're becoming 36 abundant. And the fish commission are working together 37 and the people from there told us that if you do a moratorium that you might complete something. But I'm 38 39 thinking if every year they're getting less and less. There be some way that they may come back some summer. 40 41 42 MR. SHEPPARD: I am kind of nervous 43 right now, but I'm going to switch to English, because 44 I have to read this. How low does the fish hatching Eagle fish where action was taken on all fishers on the 45 46 -- in the state of Alaska. Seems like the only fishers 47 on the Yukon are the ones taking action to make sure 48 there is some escapement. That is costing our 49 subsistence, our way of like and passing on the 50

0149 1 traditions to our younger generation. It seems like we are on a moratorium here on the Yukon River and every 2 3 year the count at Eagle is dropping. What will be done 4 the escapement -- what will be the escapement next 5 year, and how low does the escapement have to be before 6 any action is taken pertaining to the treaty we've got 7 with Canada? US and Canada treaty for that escapement. 8 9 Quyana. 10 11 ACTING CHAIR NANENG: Quyana, Stan. 12 13 Anybody else on line to test -- make 14 public testimony. 15 16 (No comments) 17 18 ACTING CHAIR NANENG: If there's no one, 19 I'd like to read the letter that I just..... 20 21 MR. LUPI: Adolph Lupi from Tuntutuliak. 22 23 ACTING CHAIR NANENG: Okay. Go ahead. 24 25 MR. LUPI: Yes. Good morning. 26 Yesterday we talk about a creature at Kuskokwim River 27 and today we're going to talk about the animals on the 28 -- caribou and moose. And I'll have two -- and again 29 what Mr. Hook came to see me and said, that elders, 30 they are tired by experience. When they say go hunting 31 or fishing, they go without -- when they are told 32 stuff. 33 34 State and Federal, they have good 35 employees. The people -- I mean, the employees who are 36 sitting there, they had education, college education 37 and they received some -- they interned and they learned a lot and they have better knowledge about the 38 39 scientific methods and knowledge. They are able to 40 predict using the methods and technology, and when they 41 do that 42 they are risking -- some like to risk, some don't like 43 to risk, and who are not risking, they disappoint and 44 they aren't disciplined, because they are too kind to 45 us, but so much for that. 46 47 For us Natives, we are taught to love 48 one another and be kind and so forth like Mr. Peter 49 said and the other advisory boards who are sitting 50

0150 1 there. They are already taught by the dad and mom how to conserve. And through meetings like going to 2 3 rallies, salavik (ph), they listen to the elders what 4 they were taught about and they're following. We're 5 not fluent in English, writing the law, but we have (indiscernible) decrease and statuettes passed down 6 7 from our ancestors. These are word from mouth and it is in our heart, mind and soul. And like that guy who 8 said that in -- from Mountain Village, his grandpa oral 9 10 knowledge him what we'll be getting into and we're now 11 getting into it. Like him, I am standing up and 12 speaking out much as I can because I'm getting into it. 13 (In Yup'ik). 14 15 INTERPRETER: We will get to that point 16 that the ancestors said. 17 18 MR. LUPI: It's really hard for me to do 19 institutionalized and uninstitutionalized, because our 20 law and your state law and Federal law, they bump each 21 other. And (in Yup'ik) 22 23 INTERPRETER: The life laws of the 24 Yup'ik to love one another, to be friendly with 25 another, do not be irritated with another, but to be 26 saying to work on that. 27 28 MR. LUPI: But it's hard to deal with 29 when we are doing in conservation or whatever we're 30 doing that. I'm glad Mountain Village got that 31 moratorium. And someone should elaborate the 32 environmental will pose for me. I want someone to 33 elaborate that Marshall that can focus on that and 34 learn on that more. 35 36 Quyana and good morning. 37 38 ACTING CHAIR NANENG: Quyana, Adolph. 39 Anybody else on line that make -- anybody else on line 40 who may wish to testify? 41 42 (No comments) 43 44 ACTING CHAIR NANENG: If there's no one else, I'd like to read a letter that I just -- or note 45 46 I got a letter from Scammon Bay this morning and they 47 want me to present it as part of the public testimony. 48 And it's from my brother-in-law George Smith from 49 Scammon Bay. 50

0151 1 Thank you for the opportunity to address my concerns for the allowable but ineffective 2 four-inch mesh size during the summer for non-salmon 3 4 species doing fishing restrictions to conserve AYK 5 salmon. First of all, I am a 63-year-old Yup'ik Eskimo, a life-long resident of Scammon Bay which sits 6 7 along the north face of the Askinuk Mountains and at the bank of the Kun River. Kun, if you translate it, 8 the river looks just like a lung, you know, the 9 10 passages inside your lung. A life-long subsistence 11 fisherman for salmon of the Black River to the north 12 and the Kun River for the species of all whitefish, all 13 of which require different mesh sizes during certain 14 times of the short summer. 15 16 Although I appreciate the ADF&G along 17 with U.S. Fish and Wildlife Service allowing me to set 18 net for non-salmon species during the summer, the 19 timing for the types of whitefish we want to target, 20 broadhead and shee, during the early part of the summer 21 do not excuse upon mesh very well. With the allowed 22 four-inch gear, we're only able to net arctic cisco and 23 the humpback whitefish in which the spring and early 24 summer are heading to the lakes and sloughs to fatten 25 up during the summer. My parents would not harvest 26 those fishes because they are very skinny and have no 27 fat content in them. During one of the call-ins with 28 YDFME -- YRDFA and the Yukon River Delta Fishery 29 Association with people from up and down the Yukon 30 River and along the coast I brought up that scenario to 31 the caller from Tanana, voiced the same sentiment how 32 skinny the humpbacks as they make their way up the 33 rivers and even they don't harvest them in the spring. 34 35 On the other hand, the broadhead and 36 sheefish are swimming into the River and have very high 37 fat content, but are not able to harvest -- we are not 38 able to harvest them due to the mesh size restriction 39 of four-inch mesh size. Ideally we use up to five-anda-half-inch mesh for the broadhead and the sheefish. 40 41 42 I am equally concerned that -- about 43 the dismal king and chum salmon returns on the Yukon 44 River and carry my share for the conservation and abide 45 by the current restrictive gear requirements. ADF&G 46 and Fish and Wildlife Service have already set a 47 precedent on the Yukon River that allow for seven-and-48 a-half-inch mesh size, 100 feet long, from the 49 confluence of the Kuskokwim River and the Tuntutuliak, 50

0152 and I can name the other rivers where they're allowed 1 to set net here -- or fish on the Yukon like Galak, 2 3 Kweek River, Bykluk. Bykluk is down near the mouth of 4 -- across from Tuntutuliak near the mouth of the Kuskokwim. And a couple of other non-salmon spawn 5 tributaries. The Kun River is not even a tributary of 6 7 the Yukon River. All the tributaries up the river end in lakes to the north and become dead ends to the east 8 9 just like the Johnson River and Tuntutuliak Rivers in 10 my example of precedents. 11 12 ADF&G and U.S. Fish and Wildlife 13 Service already allows eight on the Kuskokwim 14 tributaries and I don't see why it should not be 15 allowed in the non-tributaries of the Yukon in the non-16 salmon spawn rivers. 17 18 Thank you for your time and hearing my 19 concern for the unintentional negative impact and 20 additional hardship caused to us of our decided to 21 harvest whitefish in the Kun River. Like you and 22 everyone else in the region, we are very concerned 23 about the poor salmon runs on the Yukon River, but we 24 would like to harvest whitefish in our river with 25 appropriate gear up to five-and-a-half-inch mesh size 26 nets. 27 28 So that's the comment that he make. 29 And I think it's been raised before, but I think that 30 precedence has already been set here on the Kuskokwim 31 where people fishing the non-spawning -- what they 32 consider to be non-spawning rivers in the area. And 33 that's from George Smith from Scammon Bay. 34 35 Any other public comments? 36 37 MS. MCDAVID: Thank you, Mr. Chair. We 38 did receive a written comment, this is from Mr. Timothy 39 Andrew. He submitted a written comment that follows up 40 on his comment that he provided orally yesterday about 41 the lawsuit recently filed which is known as Forrer 42 versus State of Alaska, et al. His comment says, this 43 lawsuit is in regards to the failure of the state of 44 Alaska to provide for the constitutional sustained yield of various species, including salmon, caribou, 45 46 and other species. This lawsuit, if successful, would 47 have far-reaching consequences in the management of our 48 subsistence resources. It would create a totally 49 different mindset for the state managers of our 50

0153 1 subsistence resources in all matters of their jurisdiction including allocations for different user 2 3 groups. 4 5 Mr. Chairman and the remainder of the 6 Regional Advisor Council, if this lawsuit is consistent 7 with the goals and objectives of subsistence management in Alaska, I would recommend that this body file an 8 9 amicus brief in support of the plaintiff. 10 11 Thank you for your consideration in 12 this matter and best regards. That's the end of the 13 comment. 14 15 Thank you for submitting that, Mr. Andrew. I did confer with our Leadership Team, and 16 17 they said that this isn't something that the Council 18 themselves would be able to take up, but that we can 19 pass your suggestion on to our solicitor. So thank 20 you. 21 22 And we'll also follow up with you if 23 you want to give your name -- or your phone number and 24 your email about the C&T, the subsistence priority for 25 musk ox. 26 27 Thank you. 28 29 ACTING CHAIR NANENG: Okay. Thank you. 30 Before we go on, Ray Oney sent a message that his wife is in the hospital and cannot join us for the meeting 31 32 today because he has to keep his phone off by being 33 with his wife in the hospital. So I just want to share 34 that. 35 36 And also yesterday we gave everybody an 37 op -- on the Council an opportunity to make a report on their village, and this morning I'd like to ask James 38 39 Landlord if he has anything to say about his life 40 experience the last few months. 41 42 MR. LANDLORD: Thank you, Mr. Chairman. 43 My name is James Landlord. I'm from Mountain Village. 44 I'm glad that George Smith brought that -- his comments on what was serious, the river break up. We don't fish 45 46 for whitefish right away. The first fish that we're 47 trying to catch is sheefish, and the count -- their oil 48 content is really rich and everybody's glad for fresh 49 fish, sheefish. 50

0154 1 Anyways, my dad used to tell us that go ahead during the spring, as soon as it's thunder right 2 away -- right after the ice break up when there's the 3 4 thunder, that that is a good sign for there's going to 5 be a lot of kings and a lot of fish. Well, the thunder 6 right after ice moved, break up, no ice in the river, 7 and I was really glad with that. I said there would be a lot of kings this summer because it always happened 8 9 like that when there's early thunder. But instead 10 there was a fire right above St. Marys. When I saw 11 that thunder, I was sitting in the window on my chair 12 and I looked out at it, really, really loud. You could 13 just see the thunder, I see that it was pretty thick. 14 Two days later there was a fire up in -- around St. 15 Marys. 16 17 Anyway we kind of had a rough June 18 because of that fire. People from St. Marys and 19 Mountain would be moved to Bethel or elsewhere, and 20 there's going to be a meeting up at Anchorage and my 21 tribe was going to send me there. And since they were moving elder out and that the office decided to send me 22 23 over to Anchorage early, one day early. (In Yup'ik). 24 It gets really smokey in Mountain, it's real hard to 25 breathe. It was really bad. 26 27 Now, as everybody know really there was 28 no fishing this summer, throughout the summer. No 29 kings, no summer chums, fall chums, or cohos. But in 30 end of September people started going after sheefish, 31 go to Mountain or up Piyak (ph). And the guys were 32 catching a lot of whitefish. I'm kind of very 33 grateful that the young guys that went out gave us some 34 fish. 35 36 I didn't go out all summer because I 37 had health conditions that I couldn't do any work. And this is my first travel maybe since June, even though 38 39 my wife was worried, even my siblings, and I wanted to 40 get out of the house and travel. 41 42 There were a lot of moose right away. 43 My sons didn't go out hunting because people gave us so 44 much meat and our freezers filled up real fast because 45 of that. We were also real grateful for that. 46 47 Continue on with that thunder, a good 48 sign that there been -- that there might be more 49 abundant fish in the Yukon. We would have the north 50

1 wind, the northwest wind, you know, 15, 20 miles an hour I think it. My dad used to say it's going to stir 2 3 up the mouth of the Yukon and, you know, rough it up, 4 and he used to say that the fish where there's north 5 wind, not with the south like we've been having how many -- I think how many years. But this year we had 6 7 north wind and I thought that was a good sign, too, for 8 that fish would be coming in, but there was hardly a 9 fish. 10 11 Got a lot of angry people from Mountain 12 because they couldn't fish. There were no kings, no chums, no (In Yup'ik). Some of them wanted to talk --13 14 they were -- they'd been talking to neighbors to sneak 15 and get some fish, you know, that's how bad they wanted 16 to catch a fish. 17 18 We were grateful, too, that Fish and 19 Game when they will fill their test they pass out some 20 fish to the elders and we were one of them, and it 21 tasted very delicious. They were different from when 22 we eat frozen that were frozen all winter. 23 24 That's all I have, yeah. Quyana. 25 26 ACTING CHAIR NANENG: Quyana, James. If 27 there's no more public comments -- geez, I keep -- if there's no more public comments, we'll go ahead and 28 29 start on the proposals. 30 31 MS. MCDAVID: Are you going over then 32 musk ox or.... 33 34 MS. KENNER: Whatever you want. 35 36 MS. MCDAVID: Sure. Good morning, 37 everyone. We're going to go into the Federal fisheries proposals now. As a reminder, the proposal 38 39 presentation procedure is on Page 119 of your meeting 40 books, and there's also a handout on the table at the 41 back of the room. We'll have one regional proposal and 42 then the remaining proposals are cross-over proposals 43 that the Council can decide if you want to be presented 44 the cross-over proposals. 45 46 Thank you. 47 48 MS. KENNER: Good morning, Mr. Chair and 49 members of the Council. My name is Pippa Kenner, and 50

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0156 1 I'm an anthropologist at the Office of Subsistence Management in Anchorage. I'm really happy to be here 2 3 today in person and meeting you all. It's really an 4 honor to be in front of this Council. 5 6 The analysis of Proposal FP23-02 begins 7 on Page 120 of your Council materials. And it's a long 8 -- what we could..... 9 10 MS. MCDAVID: Turn your microphone..... 11 12 MS. KENNER: Okay. It's quite a long 13 analysis and so what I'm going to do is I'm going to 14 quickly summarize the main points in the analysis. 15 16 So this proposal was submitted by 17 Chevak Native Village and requests the Federal 18 Subsistence Board to recognize customary and 19 traditional uses of Chinook, summer chum, coho, sockeye 20 and pink salmon by residents of Chevak, Hooper Bay, and 21 Scammon Bay. Currently these three communities have a customary and traditional use determination for and are 22 23 eligible to harvest fall chum salmon only under Federal 24 regulations. 25 26 These communities have demonstrated 27 their customary and traditional uses of all salmon 28 based on the eight factors in regulation that exemplify 29 customary and traditional uses. They have demonstrated 30 a long-term consistent pattern of use recurring for 31 many years using methods of processing and preserving 32 used by past generations, using skills and values 33 handed down from generation to generation, sharing 34 their harvest with others, and relying on a wide 35 diversity of wild foods which provide substantial 36 cultural, economic, social and nutritional value. 37 38 For example, the ancestors of people 39 living in the area of Chevak, Hooper Bay and Scammon Bay have relied on a seasonal round of wild resource 40 41 harvesting in which salmon was prominent for at least 42 several thousand years. Women have perfected the art 43 of processing foods for consumption and storage in the 44 arctic climate. Salmon are generally dried and smoked for preservation. People describe the subsistence way 45 46 of life, including taking only what is needed and not 47 wasting, and the importance of teaching children these 48 values. People sharing their harvest of wild resources 49 is a predominant feature of subsistence economies in 50

0157 1 Alaska. Salmon were and continue to be distributed through kin and community networks in these 2 communities. People relied on a wide variety to wild 3 4 resources that comprise a substantial portion of their 5 diet and people have demonstrated their use of salmon in numerous publications that are described in the 6 7 analysis. 8 9 So therefore the OSM preliminary 10 conclusion is to support this proposal. 11 12 Thank you, Mr. Chair and Council 13 Members, and this is the end of my presentation. I'11 14 try to answer questions. This is an action item on 15 your agenda. 16 17 Now, I am also going to say that other 18 Councils who have acted on this proposals, and you 19 might want to listen to the other information we're 20 going to provide to you after my presentation. I think 21 you'll find it interesting. 22 23 Thank you very much for your time. 24 25 ACTING CHAIR NANENG: Thank you. 26 27 MS. MCDAVID: Thank you, Pippa. I'm 28 going to help Myron go through the procedure. 29 30 Next is do you know if we -- or if 31 Orville's on the phone or if anyone from OSM in the 32 room knows if there were any tribal consultations about 33 this proposal. 34 35 MS. KENNER: Should I wait for Orville? 36 37 MS. MCDAVID: You go ahead if you know. 38 39 MS. KENNER: For the record this is Pippa Kenner. There were no comments during tribal 40 41 consultation. Thank you, Mr. Chair. 42 43 MS. MCDAVID: Do we have any agency 44 comments. From Fish and Game to start. 45 46 (No comments) 47 48 MS. MCDAVID: Any comments from any 49 other Federal agencies such as U.S. Fish and Wildlife 50

0158 1 Service. 2 3 (No comments) 4 5 MS. MCDAVID: Do we have any tribal 6 comments. 7 8 (No comments) 9 10 MS. MCDAVID: Hearing none, Pippa, I 11 think we're ready to hear advisory group comments. 12 Would you let us know what the other Advisory Councils 13 chose on this? 14 15 MS. KENNER: Thank you, Mr. Chair. This 16 is Pippa Kenner for the record. So other Councils took 17 it up. The Western Interior, the Eastern Interior, the 18 Seward Peninsula, and they supported the proposal. 19 20 Thank you. 21 22 MS. MCDAVID: Any Fish and Game Advisory 23 Committee comments. 24 25 (No comments) 26 27 MS. MCDAVID: Or SRC comments. 28 29 (No comments) 30 31 MS. MCDAVID: And I don't believe we 32 received any written public comments for this proposal. 33 34 And now we would ask if there's any 35 public testimony in the room or on the phone in regard 36 to FP 23-02. 37 38 ACTING CHAIR NANENG: Any public 39 testimony on this proposal. 40 41 (No comments) 42 43 ACTING CHAIR NANENG: I'll just make a 44 comment. I know when the village of Hooper, Chevak and Scammon heard that they did not have customary and 45 46 traditional use of salmon that they've survived on for 47 centuries they were kind of surprised and shocked. How 48 could they exclude us from being able to harvest what 49 we have survived on for centuries? We've used the 50

0159 1 salmon prior to statehood. We've used the salmon prior to the U.S. government laid claim to state of Alaska or 2 3 any of the Federal waters, so we were kind of surprised 4 about the fact that we're excluded under the customary and traditional use of the resource. 5 6 7 Okay. Is there a motion for discussion 8 of FP 23-02? 9 10 MS. ROGERS: I move. 11 12 ACTING CHAIR NANENG: Wait. 13 14 MS. MCDAVID: Mr. Chair. I think the 15 Council should first make a motion whether you want to 16 support or oppose, and then get a second and then move 17 into discussion. 18 19 Thank you. 20 21 MS. ROGERS: I move to support FP 23-02. 22 This is Alissa Rogers. 23 24 ACTING CHAIR NANENG: A motion made, is 25 there a second? 26 27 MR. ANDREW: Second. 28 29 ACTING CHAIR NANENG: Seconded by John 30 Andrew. Any further discussion on the motion? 31 32 MR. PETER: (In Yup'ik) Mr. Chairman. 33 34 (In Yup'ik) 35 36 INTERPRETER: Why are these three 37 villages not recognized here on the Kuskokwim? We from 38 the upper Kuskokwim, it is -- the river is open to us, 39 not closed. So all these rivers that empty out into 40 the Bering Sea, all the fish enter these river systems 41 from the Bering Sea. So out ancestors did not 42 discriminate. And the fishermen from Hooper Bay and 43 Scammon Bay, we support them in their fishing. And it 44 is open to all of us so these regulations, we need to 45 keep an eye on them because they are not made by us. 46 And this also, aside from this proposal. We know the 47 rivers here on the Kuskokwim that empty out, or the 48 sloughs that empty out into the Kuskokwim, the non-49 spawning rivers, are open without limit and can use any 50

0160 1 gear for our subsistence use. So we need to support these three villages. 2 3 4 We all eat salmon, even the 5 Athabascans, even White people, Black people, whatever 6 people eat fish, so we do not need to be against each 7 others. That is not right. So when it comes to our vote we need to support these villages and not leave 8 9 them separate. So the two rivers come together, even 10 the Athabascan to resolve issues like this. So we need 11 to think of our families and people in the villages we represent. So you just remember the conflicts we had 12 13 in the past. 14 15 Thank you. 16 17 ACTING CHAIR NANENG: Quyana, Phillip. 18 Any -- (in Yup'ik) 19 20 INTERPRETER: Any other comments to this 21 proposal? 22 23 ACTING CHAIR NANENG: John. 24 25 MR. ANDREW: Yeah. Quyana, Mr. 26 Chairman. I like what Phil Peter said about sharing 27 you could do. I feel more comfortable when I speak in 28 Yup'ik. 29 30 MS. MCDAVID: John, before you speak, 31 just so everyone knows, if you would like to listen to 32 the translation, please get a headset at the back of 33 the room and turn it to channel 8 -- channel 1, sorry. 34 Channel 1. 35 36 MR. LUPI: There's just two -- the three 37 sets here. 38 39 MS. MCDAVID: We have one more set here. 40 41 MR. LUPI: This one's not being used. 42 43 (Discussion regarding headsets away 44 from microphones.) 45 46 MR. ANDREW: Yeah. My name's John W. 47 Andrew. I like what Phil Peter said about sharing 48 salmon for all the villages regardless of where they 49 came from. And I'm more comfortable speaking in 50

0161 1 Yup'ik. We have translators. Yeah. 2 3 (In Yup'ik) 4 5 INTERPRETER: So this is John Andrew, 6 and he knows these three villages that we are talking 7 about. They are like us and they eat traditional food like the -- all the species of the salmon that are 8 9 destined for the Yukon River. I have relatives there 10 in Hooper Bay and my ex-wife was -- or my sister's wife 11 was from Hooper Bay. And they would ask for Kuskokwim 12 fish and when he was able, he is able to send them 13 fish, because they do get up where they are living a 14 little later than they come -- get to the Kuskokwim. 15 16 So a lot of times when I went to Hooper 17 Bay and when they have -- they would share their salmon 18 that is very fat. Very fat (In Yup'ik), salted fish 19 and very fat dry fish. And they are -- make you sleepy 20 because of the high fat content. 21 22 So you think we are total -- though 23 many there are many of our relatives all over the 24 rivers in our country, because that is where the food 25 is. So he does not agree with this where the Federal 26 agency does not recognize these three villages as being 27 traditional users and consumers of salmon. So they are 28 asking to be recognized, and they are Chup'ik and 29 Yup'ik. They do eat these salmon. I will be very 30 happy if we do support these villages and what they 31 want. This is all. 32 33 Thank you. 34 35 ACTING CHAIR NANENG: Quyana, John. Any 36 further discussion on the motion to accept FP 23-02. 37 38 MS. ROGERS: Mr. Chair. 39 40 ACTING CHAIR NANENG: Go ahead, Alissa. 41 42 MS. ROGERS: Thank you, Mr. Chair. 43 Through the Chair. This is a long time coming. We've 44 been asking for this for quite some years, even prior to my participation in this. And I know there was a 45 46 historical reason that they had kept those three 47 villages -- considered them as Central Kuskokwim area 48 in regards to the historic uses. 49 50

But over the past years subsistence has changed and subsistence uses, even though their traditional areas have changed in regards to how the pattern the migration of our fisheries, and how the migration of our wild animals and birds move, so does our traditional areas. But for them to finally come together from those three tribes to put this together, it's a long time coming. So I will be in support of this. Mr. Chair. ACTING CHAIR NANENG: Okay. Thank you, Alissa. Any more further discussion. (No comments) MS. CLEVELAND: Question. ACTING CHAIR NANENG: The question's been called for on the motion. Let's do it -- go ahead and do a roll call. MS. MCDAVID: Henry Parks. MR. PARKS: Yes. MS. MCDAVID: Phillip Peter, Sr. MR. PETER: Yes. REPORTER: Would you use your mic, please, will you -- this one. MR. PETER: Yes. MS. MCDAVID: Jacqueline Cleveland. MS. CLEVELAND: Yes. MS. MCDAVID: John Andrew. MR. ANDREW: Yes. MS. MCDAVID: James Landlord. MR. LANDLORD: Yes. MS. MCDAVID: Alissa Rogers. 

MS. ROGERS: Yes. MS. MCDAVID: Norma Evan. MS. EVAN: Yes. MS. MCDAVID: Myron Naneng. ACTING CHAIR NANENG: Yes. MS. MCDAVID: Motion passes eight to zero. Sorry. No -- yeah, he voted. Yeah. ACTING CHAIR NANENG: Passes. MS. MCDAVID: Yeah. ACTING CHAIR NANENG: Yes, I did. Yeah. Yes, I voted already. MS. MCDAVID: Mr. Hoffman, did you make it on line? (No comments) MS. MCDAVID: It doesn't sound like it. So motion passes eight to zero. ACTING CHAIR NANENG: Yes. Quyana. We go on to the next agenda item. Now where's my agenda. MS. MCDAVID: Page 146. ACTING CHAIR NANENG: Yeah. Next agenda item is FP 23-1, the cross over proposals and close reviews. Maybe you can go through all of them, or do we have to.... MS. MCDAVID: Mr. Chair. It's up to the Council if you want to be presented the cross-over proposals. ACTING CHAIR NANENG: Let's look to see. Will you go ahead and go into the Copper River proposal. MR. FOLEY: Hello, Mr. Chair. Members of the Council. Good morning. For the record my name is Kevin Foley and I'm your Fish Biologist with the 

0164 1 Office of Subsistence Management. Materials for this agenda item, Fisheries Proposal 23-01 may be found on 2 Page 146 of your council book. 3 4 5 Proposal FP 23-01 was submitted by the 6 Western Interior Regional Advisory Council and requests 7 the Federal Subsistence Board rescind the closure to the harvest of non-salmon fish in the Jim River 8 9 drainage by Federally-qualified subsistence users, and 10 modify regulations to allow rod and rear -- rod and 11 reel gear only, and Arctic grayling harvest and 12 possession limit of 10 per day which is double the 13 sportfishing limit. 14 15 The proponent states this proposal 16 would continue subsistence uses by allowing harvest of 17 non-salmon fish by Federally-qualified subsistence 18 users in an area that is currently closed. The Council 19 believes there's verifiable traditional use of non-20 salmon fish in this drainage, and the limited harvest 21 by rod and reel should be allowed. 22 23 The proponent adds if subsistence users 24 are going to travel for Arctic grayling, the harvest 25 limit should be increased to justify time and expense. 26 Allowing for a reasonable harvest of Arctic grayling 27 would reestablish a subsistence priority use of fish. Limiting harvest to rod and reel gear only would ensure 28 29 continued viability of fish in the area. 30 31 While the Council also believes there's 32 verifiable traditional use of salmon in this drainage, 33 it does not believe the salmon runs can support any 34 harvest at this time and the closure should be 35 rescinded only for non-salmon fish. 36 37 The Jim River drainage, which is 38 located in the Western Interior Region, is closed to 39 subsistence fishing under both Federal and state 40 regulations; however sportfishing is allowed under 41 state regulations. 42 43 The Federal closure was reviewed during 44 the 2021 and 2023 fisheries regulatory cycle. The Western Interior and Seward Peninsula Regional Advisory 45 46 Councils recommended eliminating the closure to the 47 harvest of all fish and modifying regulations to allow 48 rod and reel only and an Arctic grayling harvest and 49 possession limit of 10 per day. The Eastern Interior 50

0165 1 and Yukon-Kuskokwim Delta and North Slope Regional Advisory Councils deferred to Western Interior; 2 however, during the Board's fisheries regulatory 3 4 meeting the Board determined that any action beyond 5 simply eliminating or maintaining the closures would 6 not allow appropriate notice and opportunity for public 7 comment. Therefore the Board voted to maintain the 8 closure with the expectation that a proposal could be submitted by Western Interior RAC to eliminate the 9 10 closure and that is the proposal currently before you. 11 12 Approximately three miles of Jim River 13 exist within the Kanuti Refuge boundary managed by the 14 U.S. Fish and Wildlife Service. The remainder of the 15 Jim River drainage is general domain land managed by 16 the Bureau of Land Management. 17 18 Chinook, chum and coho salmon spawn in 19 the Jim River, but aerial surveys indicate low numbers 20 in the drainage. The predominant non-salmon fishes 21 include Arctic grayling, burbot, humpback and round whitefish, long nose sucker, and northern pike. Stock 22 23 assessments of Arctic grayling indicate the Jim River 24 is one of the most productive drainages in the area. 25 26 Wiseman and Coldfoot are the 27 communities most likely to subsistence fish in the area 28 if the closure is rescinded due to their proximity to 29 the drainage. ADF&G Division of subsistence conducted 30 it's only subsistence survey of Wiseman and Coldfoot 31 for the 2011 calendar year. For Wiseman, all 32 households used fish, although in small quantities. 33 For Coldfoot, no use of non-salmon fish was documented 34 during the study period. 35 36 Subsistence fishing is prohibited in 37 the Jim River under state and Federal regulations so 38 there is no legal subsistence harvest in this system. 39 Harvest is allowed under state and sportfishing 40 regulations. 41 42 Arctic grayling make up the majority of 43 sport fish harvest along the Dalton Highway corridor. 44 During 2009 to 2018 an average 122 Arctic grayling were 45 harvested from the Jim River. 46 47 The OSM preliminary conclusion is to 48 support proposal FP 23-01. 49 50

0166 1 This drainage is currently closed to subsistence fishing by Federally-qualified subsistence 2 3 users, but open to other uses which is in contradiction 4 with Title VIII of ANILCA. There's likely a small 5 amount of harvest under state sportfishing regulations predominantly near the Dalton Highway. Allowing a 6 7 limited subsistence harvest using rod and reel only would provide subsistence opportunity in an area that 8 9 is currently closed and protect populations from over-10 harvest. 11 12 If this system is open to rod and reel 13 only, state sport fish harvest and possession limits 14 would apply. Increasing harvest and possession limits 15 of Arctic grayling would provide a subsistence priority 16 for Federally-qualified subsistence users. Maintaining 17 the closer to salmon will protect the small populations 18 within the drainage. 19 20 Once more for the record my name is 21 Kevin Foley and I'm a Fish Biologist with the Office of 22 Subsistence Management. That concludes my presentation 23 for Fisheries Proposal 23-01. Although I was not the 24 original analyst for this proposal, I and my colleagues 25 are standing by for any questions you may have. 26 27 ACTING CHAIR NANENG: Quyana. Go 28 through the process regarding..... 29 30 MS. MCDAVID: Thank you, Kevin. We're 31 going to go through the procedures. Were there any 32 tribal consultation summaries that we need to hear. 33 34 (No comments) 35 36 MS. MCDAVID: No. All right. Moving 37 on, any agency comments from Fish and Game. 38 MS. STUBY: Good morning, everyone. 39 40 This is Lisa Stuby with Division of Sport Fish. And 41 the Alaska Department of Fish and Game is neutral on 42 Federal Proposal FP-23-01. The proposed daily harvest 43 of 10 Arctic Grayling with rod and reel gear from the 44 Jim River by Federally-qualified users from low 45 population areas will not be a conservation concern. However, this amendment will result a conflict in state 46 47 and Federal regulations for the Jim River and could 48 complicate enforcement. 49 50

0167 1 MS. MCDAVID: Thank you, Lisa. Any 2 other comments from agencies. Fish and Wildlife 3 Service. 4 5 (No comments) 6 7 MS. MCDAVID: Or any tribes. 8 9 (No comments) 10 11 MS. MCDAVID: Okay. Hearing none, could 12 we hear how the other Regional Advisory Councils may 13 have voted on this. 14 15 MR. FOLEY: Mr. Chair. Again this is Kevin Foley, Fish Biologist, OSM. This proposal was 16 presented at the Eastern Interior, Western Interior, 17 18 and North Slope Regional Advisory Council meetings. 19 The Eastern Interior RAC recommended to support FP 23-20 01, noting there's no biological concern related to the 21 proposal and that it will benefit the subsistence needs 22 of the people in the area. Western Interior RAC 23 recommendation to support, noting the analysis was 24 thorough and the fresh water stocks can support the 25 proposed level of harvest. And North Slope RAC offered 26 a recommendation to support. 27 28 Thank you, Mr. Chair. 29 30 MS. MCDAVID: Thank you, Kevin. Do we 31 have any fish and game advisory committee comments or 32 subsistence resource commission comments. 33 34 (No comments) 35 36 MS. MCDAVID: Okay. Hearing none, any 37 written public comments. 38 39 MR. FOLEY: There were no written or 40 public comments for FP -- for this proposal. Thank 41 you. 42 43 MS. MCDAVID: Thank you. We can now 44 move on. If there's any public testimony regarding FP 45 23-01. 46 47 ACTING CHAIR NANENG: (In Yup'ik) There 48 seems to be none. From the Regional Advisory Council. 49 50

MR. PARKS: (In Yup'ik) INTERPRETER: Is this for all the Yukon or are they up towards the..... ACTING CHAIR NANENG: (In Yup'ik) INTERPRETER: They are further inland around the Dalton Highway. MR. PARKS: (In Yup'ik) INTERPRETER: Oh, that far. ACTING CHAIR NANENG: He just wanted to know where it is. Okay. So, Alissa. MS. ROGERS: Mr. Chair. I will make a motion to adopt FP 23-01. ACTING CHAIR NANENG: There's a motion made. Is there a second. MR. PETER: Second. ACTING CHAIR NANENG: Seconded by Phillip Peter, Sr. Any further discussion on the motion. MS. ROGERS: Mr. Chair. ACTING CHAIR NANENG: Go ahead, Alissa. MS. ROGERS: Thank you, Mr. Chair. I want to see if Jack Reakoff is on the line in regards to this proposal. Jack, are you currently on line? MR. REAKOFF: Yes, I am, Alissa. Well, Western Interior Council supported the proposal, and for the justification read into the record there with you. Thank you. MS. ROGERS: Thank you, Mr. Reakoff. ACTING CHAIR NANENG: Okay. Are you calling for question? MS. MCDAVID: We do need some discussion about your justification. Thank you. 

0169 1 MS. ROGERS: Mr. Chair. Thank you, Mr. Chair. Through the Chair. I am in support of the 2 subsistence users of that area in having ability to go 3 4 subsistence fishing. It's kind of disturbing that they are allowed to go sports fishing and they closed 5 subsistence fishing in that area. As the analysis and 6 7 the biological -- there's no biological concern. 8 9 I do recognize that there is going to 10 be state and Federal conflict in regulations, yet we 11 can correct those as sister proposals to ADF&G and make 12 the current regulations the same so there is no law 13 enforcement conflicts. 14 15 And as a Board the Subsistence Council to support subsistence uses, I see fit that we do 16 17 support subsistence for this region. 18 19 Mr. Chair. Thank you. 20 21 ACTING CHAIR NANENG: Thank you, Alissa. 22 Any other comments. 23 24 (No comments) 25 26 ACTING CHAIR NANENG: If there's no 27 other comments, can you read the motion so we can be 28 clear on it? 29 30 MS. MCDAVID: Yes, Mr. Chair. The 31 motion made by Alissa and seconded by Phillip was to 32 adopt FP 23-01. 33 34 ACTING CHAIR NANENG: (In Yup'ik) 35 36 INTERPRETER: Any questions before the 37 vote? 38 39 MS. ROGERS: Question. 40 41 ACTING CHAIR NANENG: The question's 42 been called on the motion. Let's go ahead and do a 43 roll call. Okay. Let's go ahead and do a roll call. 44 45 MS. MCDAVID: All right. Henry Parks. 46 47 MR. PARKS: Yes. 48 49 MS. MCDAVID: Phillip Peter. 50

0170	
1 2	MR. PETER: Yes.
- 3 4	MS. MCDAVID: Jacqueline Cleveland.
5 6	MS. CLEVELAND: Yes.
7 8	MS. MCDAVID: John Andrew.
9	MR. ANDREW: Yes.
10 11	MS. MCDAVID: James Landlord.
12 13	MR. LANDLORD: Yes.
14 15	MS. MCDAVID: Alissa Rogers.
16 17	MS. ROGERS: Yes.
18 19	MS. MCDAVID: Norma Evan.
20 21	MS. EVAN: Yes.
22 23	MS. MCDAVID: And do we have any other
24 25	Council Members on the phone with us.
26 27	(No comments)
28 29	MS. MCDAVID: Hearing no one, Mr. Chair. Myron Naneng.
30	Myron Naneng.
31 32	ACTING CHAIR NANENG: I vote yes.
33 34	MS. MCDAVID: Motion passes eight/zero.
34 35 36	ACTING CHAIR NANENG: Okay. Go ahead.
37 38 39 40 41 42 43 44 45 46 47 48 49 50	MS. WESSELS: Thank you, Mr. Chair. For the record, Katya Wessels. I just wanted to clarify to the councils on the proposals, councils make the motions to support, not to adopt. It's the Board, the Federal Subsistence Board that adopts the proposals. The Council supports the proposals and sends the support to the Board. So you don't need to restate the motion and re-vote, but I'm just making sure that the records clear that that was the Council's intent to support these proposal. Thank you.

0171 1 ACTING CHAIR NANENG: Yeah. Thank you for the explanation, but yesterday, right, there was a 2 3 sentence about preservatives, preservative measures and 4 conservation measures, and I was wondering which one 5 was which. So I think we all need to speak more clearly about how we use the English language so that 6 7 everybody can understand the meaning. So I just wanted 8 to point that out. 9 10 Thank you for the explanation. 11 12 MS. ROGERS: I want to point out, maybe 13 on the back of our cards you should get it corrected as 14 it says motion to adopt. 15 16 ACTING CHAIR NANENG: Yes. 17 18 MS. ROGERS: Thank you. 19 20 MS. MCDAVID: Thanks for pointing that 21 out, Alissa. We will get that corrected. 22 23 MS. WESSELS: Yeah, I think it's a 24 leftover from previous people who worked in the 25 program. So thank you for pointing that out, that's a 26 very important thing to fix. 27 28 MS. MCDAVID: And perhaps, Ms. Rogers, 29 would you like to clarify if your intent was to support 30 when you used the word adopt? 31 32 MS. ROGERS: Yes, I will go ahead and 33 clarify that my motion was to support the proposal. 34 35 Thank you. 36 37 ACTING CHAIR NANENG: Thank you. We'll 38 go on to the next agenda item. Brooke. 39 40 MS. MCDAVID: Go ahead, Pippa, when 41 you're ready. 42 43 MS. KENNER: Thank you. Hello. Good 44 morning. Mr. Chair and members of the Council. For the record my name is Pippa Querly -- Pippa Kenner, and 45 46 I'm an Anthropologist with the Office of Subsistence 47 Management. 48 49 Also on line I hope is Cory Graham who 50

0172 1 is an author of this analysis but couldn't make it to the meeting today. Hello, Cory, are you there? Well, 2 3 maybe this will ..... 4 5 MR. GRAHAM: Yes, I'm here. 6 7 MS. KENNER: Oh, thank you, Cory. Glad 8 to hear that. He's a Fishery Biologist at OSM who many of on the Council have heard from before. 9 10 11 So I'm going to present Fisheries 12 Closure Review 23-02 which can be found on Page 165 of 13 your council book. And again it's a long analysis and 14 I'm just going to provide a summary. 15 16 So Federal Closure Review F -- or 17 Fisheries Closure Review FCR23-02 reviews the Federal 18 subsistence closure to the harvest of all fish in the 19 Kanuti River drainage. This is a standard Board 20 directed review to determine if the closure is still 21 necessary. Cory can correct me if I'm wrong, but I 22 believe this is in the Western Interior Region. 23 24 Under Federal regulations subsistence 25 harvest of all fish is prohibited in the Kanuti River 26 closed area. The Federal closure was carried over from 27 state regulations at the beginning of the Federal program and has not been reviewed or modified since. 28 29 30 Under state regulations the Kanuti 31 River is closed to subsistence fishing, but 32 sportfishing is allowed. So similar to the previous 33 proposal. Same situation. 34 35 So the closure area which is located in 36 the Western Interior Region crosses the Dalton Highway 37 and is located on general domain land managed by the 38 Bureau of Land Management. 39 40 According to local knowledge and the 41 anadromous waters catalog, Chinook and summer chum 42 salmon are present in the Kanuti River downstream of 43 the closure area. Aerial surveys indicate few salmon inhabit the Kanuti River. Non-salmon fish species such 44 as Arctic grayling, burbot, round whitefish, northern 45 46 pike and long nose sucker have been observed in the 47 Kanuti River, but information in the closed area is 48 limited. 49 50

0173 1 Similar to the Jim River, the previous proposal, Wiseman and Coldfit -- Wiseman and Coldfoot 2 are the communities most likely to subsistence fish in 3 4 the area if the closure is rescinded due to their close 5 proximity to the drainage. 6 7 More detailed info should have -- oh, 8 yeah. And if the closure is rescinded, Federal 9 subsistence regulations for the Yukon northern area 10 would apply. 11 12 Harvest of salmon would be allowed if 13 authorized by state emergency order or a Federal 14 special action. Non-salmon fish could be taken with 15 any gear listed at the top of Page 167 of your council 16 book, which is any legal gear. Subsistence rod and reel harvest limits would match state sportfishing 17 18 harvest and possession limits. Harvest would be 19 unrestricted for all other legal gear types. 20 21 So the OSM preliminary conclusion is to 22 rescind the closure. 23 24 Currently a portion of the Kanuti River 25 is closed to subsistence fishing, but open to other 26 uses. Rescinding the closure would establish a Federal 27 subsistence priority in the area. However, allowing 28 unrestricted harvest for gear types other than rod and 29 reel in an easily accessible system may lead to 30 overharvest. 31 32 While populations may be protected by 33 limiting subsistence harvest to rod and reel only 34 and/or modifying harvest limits, these modifications 35 are not possible through the closure review process and 36 would require a fisheries proposals to be submitted. 37 Because the closure review process = oh, until a 38 proposal can be submitted in a year, the Federal in-39 season manager may use their delegated authority to 40 restrict gear types and/or harvest limits for up to 60 41 days to protect populations in the closure area. 42 Actions exceeding 60 days would require a temporary 43 special action that would be implemented by the Board. 44 So in the meantime before a fisheries proposal can be 45 submitted the in-season manager could reduce harvest 46 limits if over-harvest was a concern. 47 48 Because the closure review process is 49 fairly new and motions are different than for 50

0174 1 proposals, I will briefly describe the Council's options which are listed on Page 181 of your council 2 3 book. 4 5 The Council may recommend to retain the 6 This means keeping the closure in place. status quo. 7 8 Another option is to rescind the 9 closure, and this would eliminate the closure. 10 11 The Council may also modify the 12 closure. While it is not possible to modify gear types 13 or harvest limits, the Council may choose to rescind 14 the closure for non-salmon species only, for example. 15 16 The last option is to defer the 17 closure. Under this option the Council would defer the 18 closure to the home region, which in this case is the 19 Western Interior Council. 20 21 That concludes my presentation, and I'm 22 standing by for any questions you might have regarding 23 the analysis. 24 25 ACTING CHAIR NANENG: Any questions from 26 the Council Members. 27 28 MS. ROGERS: Mr. Chair. 29 30 ACTING CHAIR NANENG: Go ahead, Alissa. 31 32 MS. ROGERS: Thank you, Mr. Chair. 33 Through the Chair. Ms. Pippa, do we have any 34 indication that public users or any type of users that 35 are non-subsistence or Federally-qualified users, in 36 other words pretty much any person or any state user 37 has used these fish -- these waters for fishing? Do we 38 have any of that information? Because what I'm 39 thinking is like it's a public access road and if 40 someone wants to go fishing, they're going to pull off 41 the side of the road and throw their hook and line in 42 regardless if they're Federal users or not. 43 44 MS. KENNER: Through the Chair. Thank 45 you for the question. 46 47 MR. GRAHAM: Mr. Chair. 48 49 MS. KENNER: I'm going to -- yeah, I 50

0175 1 believe there is a section on harvest. And in the meantime Cory might have a succinct..... 2 3 4 MS. MCDAVID: He's on there. 5 6 MS. KENNER: Yeah. Thank you. Cory 7 might have an immediate answer to your question. Cory, 8 are you there? 9 10 MR. GRAHAM: Mr. Chair. 11 12 MS. MCDAVID: Go ahead, Cory. 13 14 MR. GRAHAM: Thank you. Through the 15 Chair. So there is fishing that's allowed in the drainage, but estimates for the Kanuti River 16 17 specifically are not available. 18 19 MS. ROGERS: Mr. Chair. Thank you. 20 Cory, is that because they haven't had any restriction or we just haven't been regulating, monitoring? As a 21 22 sports fishing industry, it seems like there should be 23 some type of monitoring in a tributary or any usage 24 where fish is being taken from the river especially in 25 the sports fishing regulations. 26 27 MR. GRAHAM: Mr. Chair. Through the Chair. Again this is Cory Graham with OSM. I would 28 29 like to see if Mrs. Stuby's on line. She's more 30 familiar with the sportfishing data than I am and she 31 may be better able to answer your question. 32 MS. STUBY: Through the Chair. Lisa 33 34 Stuby, Division of Sport Fish. 35 36 MS. MCDAVID: Go ahead, Lisa. 37 38 MS. STUBY: What was the question again? 39 40 MS. ROGERS: Thank you, Mr. Chair. 41 Through the Chair. The question was do we have any 42 information in regards to harvest numbers or if we have 43 any analysis on who uses that tributary for fishing 44 and/or what would the biological impact be in regards 45 to rescinding this closure? 46 47 MS. STUBY: Okay. Through the Chair. 48 Sportfishing is allowed. I was going to get my 49 regulations. Sportfishing is allowed, although this is 50

0176 1 along the Trans Alaska Pipeline Corridor and it is road accessible. People -- and there's actually a nice big 2 pull out there. But because it is road accessible 3 4 through sport fish regulation, it is closed to salmon 5 fishing. And this is all within a five-mile radius 6 corridor on either side of the Trans Alaska Pipeline 7 and Dalton Highway. 8 9 Lake trout, there's no retention 10 allowed although you're not going to find lake trout in 11 the Kanuti River. And northern pike, too, are limited 12 to five per day, five in possession, only one of which 13 may be 30 inches or longer. And then Arctic grayling 14 limits are limited to a harvest of -- which is per our 15 general regulations, of five per day, five in 16 possession with no size limit. 17 18 There hasn't been any enumeration 19 studies, any studies to, say, to get population 20 abundance specifically on the Kanuti River. 21 As far as harvest, I'll have to take 22 23 just a second here and look my numbers up, but the 24 harvest for the Kanuti -- harvest numbers aren't 25 specific for the Kanuti, they are..... 26 27 MS. MCDAVID: Lisa, could you -- sorry 28 to.... 29 30 MS. STUBY: .....numbers reported..... 31 32 MS. MCDAVID: .....interrupt, Lisa..... 33 34 MS. STUBY: ....along the Dalton 35 Highway itself. Unlike the Jim River -- there's 36 actually harvest that's recorded for the Jim River, but 37 if you'd like, it will take me just a quick -- a few seconds here to pull my fisheries management report up, 38 39 and I can just give you Dalton Highway numbers for harvest of Arctic grayling. 40 41 42 MS. KENNER: Mr. Chair. Lisa, may I ask 43 you a question, this is Pippa Kenner. 44 45 MS. STUBY: Yes. 46 47 MS. KENNER: Hey, Lisa, I have it right 48 in front of me, so I'll start reading it while you're 49 looking. 50

0177 1 REPORTER: We need to mute. 2 3 MS. MCDAVID: Could we please ask 4 everyone on the phone to mute your phones, please. 5 Press star-six or the mute button on your phone. We're having trouble hearing our presenters. Thank you. 6 7 8 MS. KENNER: Okay. So the source for 9 this information is Lisa Stuby on Page 179. The 10 majority of sport fish harvest along the Dalton Highway 11 corridor for the Yukon River management area is for 12 Sport fish harvest limits -- sport Arctic grayling. 13 fish harvest estimates are not available specifically 14 for the Kanuti River, but sport fish harvest estimate 15 for Arctic grayling in streams along the Dalton Highway 16 south of Atigun Pass report an average of 324 fish 17 annually during the 2009 to 2018 period. Annual 18 harvest for northern pike for this area during this 19 time was 22 fish, 22 northern pike a year, and 324 20 Arctic grayling a year. 21 22 Fishing effort for this entire area for 23 all species during the '09 to 8 -- during the years 24 2009 to 2018 was approximately 928 angler days. 25 26 Sportfishing effort and harvest for 27 this report is taken from the annual mail-out survey 28 that Sport Fish Division does. 29 30 Thank you, Mr. Chair, members of the 31 Council. 32 33 Lisa? 34 35 MS. STUBY: Yes. Hold on just a second 36 I'm looking up that -- it's always -- whenever I'm 37 trying to find something, it always takes me a second, 38 so hang on for just a minute. I have a..... 39 40 ACTING CHAIR NANENG: Any more 41 questions. 42 43 MS. ROGERS: Mr. Chair. 44 45 MS. STUBY: No, that's -- yeah. No, 46 that sounds about right, yeah. I mean numbers are a 47 little more updated because, you know, this is -- I 48 mean 20 -- we now have numbers from the statewide 49 harvest survey for 2021, so -- yeah, things are still 50

0178 1 pretty much as you mentioned. 2 3 ACTING CHAIR NANENG: Thank you. 4 5 Alissa. 6 7 MS. ROGERS: Thank you, Mr. Chair. 8 Through the Chair. I also wanted to understand how the 9 customary and traditional use determination includes 10 Chevak, Hooper, Scammon and Stebbins that have 11 customary and traditional use in Kanuti. Is that assimilation (ph) that the river runs -- flows in that 12 13 area or do they physically go up there and fish in that 14 river? 15 16 MS. KENNER: Ms. Rogers, through the 17 Chair. For the record this is Pippa Kenner. So for 18 the Yukon, everybody who lives in the Yukon River 19 drainage has C&T, customary and traditional use 20 determination for salmon and non-salmon fishes in the 21 Yukon River drainage. And so you just adopted a 22 proposal that would include those three communities 23 into that customary and traditional use determination 24 for salmon. So we have taken care of that. 25 26 Thank you. 27 28 MS. ROGERS: Thank you, Pippa. So this 29 is just foresighting in including those three so they 30 have more justification to fall on. 31 32 Thank you, Pippa. 33 ACTING CHAIR NANENG: Okay. Any more 34 35 questions regarding the proposal -- let me recognize 36 James first. 37 38 MR. LANDLORD: Thank you, Mr. Chairman. 39 And the justification on Page 181. It says rescinding 40 the closure would establish a Federal priority, 41 subsistence priority in the area. What does in the 42 area mean? 43 44 MS. KENNER: Thank you for the question. 45 Through the Chair Mr. Landlord. The area -- I'm trying 46 to find the closure area. 47 48 MR. GRAHAM: Mr. Chair. 49 50
0179 1 MS. KENNER: Thank you, Cory. Go ahead. 2 3 MR. GRAHAM: Through the Chair. 4 5 ACTING CHAIR NANENG: Go ahead, Cory. 6 7 MR. GRAHAM: The closure area is the Kanuti River upstream -- sorry. The Kanuti River, the 8 9 closure area would be again the Kanuti River upstream 10 from a point five miles downstream of the highway 11 crossing. So the area is just referring to the area 12 that's currently closed. 13 14 Thank you. 15 16 MS. KENNER: Thank you, Mr. Chair. And 17 that is -- a map of that area is on Page 170 of your 18 council book, so you can actually see the closure area. 19 It's a really good question. 20 21 MR. GRAHAM: Yeah. 22 23 MS. KENNER: It's showing the -- it 24 says, yeah, the Kanuti River closure area, which is 25 highlighted. 26 27 MS. STUBY: Through the Chair. This is 28 Lisa Stuby again with Division of Sport Fish. I have --29 yeah, my apologies. I wasn't prepared for Alissa's 30 question, but, yeah, the -- and I just, you know, 31 quickly reviewed Pippa's -- I mean the FCR as it has 32 been written. 33 34 The harvest is actually much less than 35 300. I'm looking at more correct harvest. This has 36 averaged between 2011 and 2020. What you were reading 37 was for the total Dalton Highway. Well, that also 38 includes the Jim River and that includes other 39 drainages. And the Jim River is reported separately. 40 So pretty much for harvest values for Dalton Highway 41 streams excluding the Jim River would be for 2011/2020 42 178 and 2016 to 2021 -- I'm sorry, to 2021, 115. So 43 actually about half the values that was read in. But 44 my apologies. 45 46 MS. KENNER: And I'm going to add to 47 that. This is Pippa Kenner. So on Page 170, the 48 Kanuti River closed area is in kind of a pinky-red 49 along the Kanuti River there, so you can see it. If 50

0180 1 you find the Kanuti River, the area that is highlighted in pink is the closed area on the map on Page 170. 2 3 4 Thank you, Mr. Chair. 5 6 ACTING CHAIR NANENG: Thank you. Any 7 more questions regarding the proposal? 8 9 MS. CLEVELAND: Mr. Chair. 10 11 ACTING CHAIR NANENG: Go ahead, Jackie. 12 13 MS. CLEVELAND: Quyana, Chair. I'm just 14 finding it, I guess, hard to believe that there's still 15 sportfishing and not subsistence fishing in these tributaries. And I was curious like lives there? Is 16 17 there villages and they are indigenous, they're our 18 brothers and sisters, Athabascan and Inupiaq live there 19 and they're small communities. Yeah, I just find it 20 hard to believe if there was a conservation concern 21 that sport is still there, sportfishing is still 22 allowed and subsistence is supposed to be priority. 23 And I understand there's, you know, state and feds in 24 this, but I guess in this day I just find it hard to 25 believe that there's these situations where sport fish 26 is still allowed in these areas where indigenous people 27 are trying to feed themself. 28 29 ACTING CHAIR NANENG: Okay. Respond to 30 that? 31 32 MS. KENNER: We agree, and that's why 33 we're doing these closure reviews, and thank you very 34 much for the comment. This is Pippa Kenner. Mr. 35 Chair. I'd also like to add that we'll continue with 36 the discussion with public testimony, but also what 37 we're going to have is we're going to tell you later on 38 what the different Councils decided to do and that 39 might be helpful to your discussion. 40 41 ACTING CHAIR NANENG: Go ahead. 42 43 MS. LAVINE: Thank you, Mr. Chair. 44 Members of the Council. This is Robbin LaVine, 45 subsistence policy coordinate for OSM. And I just 46 wanted to acknowledge Jackie Cleveland's comment, 47 Council Member Cleveland's comment about these closure 48 reviews and the fact that these closures have been in 49 place for some time. And it is the Federal subsistence 50

0181 1 management program's responsibility to review them and to bring them before the Councils to help determine if 2 3 they are no longer needed. 4 5 As you heard, these closure reviews -or these closures have been in place since the program, 6 7 the Federal program, began, and this is housekeeping, and this is our effort to correct that conflict with 8 9 Title VIII of ANILCA. And so we're really grateful for 10 your attention to these. These are really I important, 11 and we hope that with your help and your guidance we'll 12 take care of them quickly. 13 14 Thank you, Mr. Chair. 15 16 ACTING CHAIR NANENG: Thank you. I also 17 have a question. You know, I think everybody watches 18 sportsman show on TV as well as the outdoor show, and 19 the definition of sports fishing for many of our people 20 is catch and release. So with the exposures that 21 happen on these -- in these area streams and rivers, so 22 they can't keep whatever they catch, so -- and it's 23 sportfishing. So it's more -- it seems like it's more 24 or less catch and release fishery than to catch it and 25 eat it. So I just want to get further clarification 26 because whatever we watch on TV as sportsman shows and 27 things like that seems to be that as a sportsman you 28 only catch and release. 29 30 MS. KENNER: Thank you for the question, 31 Mr. Chair. For the record this is Pippa Kenner, and we 32 do have Cory and Lisa on line who can help me. I do 33 not believe -- oh, here it is. It says lake trout may 34 be taken only by catch and release fishing, but as Lisa 35 Stuby reminded us, there's not going to be a lot of 36 lake trout in this area. And there are restrictions, 37 there are..... 38 39 MS. STUBY: Through the Chair. No, you 40 usually see lake trout in lakes. And there are lake trout. (Indiscernible) and a few other lakes are 41 42 actually pretty well off the road, but you do see more 43 as you go further north. But within Kanuti or Bonanza 44 that's coming up yet, I highly doubt you'll see any 45 lake trout. 46 47 MS. KENNER: And thank you, Lisa. This 48 is Pippa Kenner again. Now, for sportfishing there are 49 size restrictions in this area. When there are size 50

0182 1 restrictions it means people may be releasing -- or must release fish that are in that size slot. So there 2 3 is some sportfishing catch and release going on. I 4 can't estimate how much though. It is legal. 5 6 MS. MCDAVID: Pippa -- Mr. Chair, sorry. 7 8 MS. STUBY: That is correct. Yeah, 9 people can catch and release. 10 11 MS. MCDAVID: I think Mr. Chair would 12 also like clarification as to some of these sport 13 fisheries are able to retain some of their harvest for 14 consumption or if they have to return them all to the 15 water. 16 17 Thank you. 18 19 MS. KENNER: Mr. Chair. This is Pippa 20 Kenner. We're not in a situation where people must 21 return fish to the water right now, because the harvest 22 of a certain species is closed. I do not see that in 23 the state regulations at this time for non-salmon fish. 24 25 ACTING CHAIR NANENG: You know, for many 26 of us even non-salmon fish is a subsistence food 27 source, and we can see it in the rules and regulations 28 that are imposed upon our people on mesh sizes for 29 nets, which, you know, it -- you can try and catch 30 whitefish, you can try and catch non-salmon species for 31 subsistence purposes, and it seems like it kind of 32 creates a confusion that you allow sports fishing and 33 at the same time closing subsistence fishing for people 34 that may be living there. 35 36 You know, I've been to Allakaket and 37 they're close to these river systems, not very far from there. And I know they to hunting up in that area. 38 39 Hunting and fishing. And for them, if they happen to 40 be camping and try to catch a non-salmon species for 41 food, are they going to get cited? It happened here in 42 the Y-K delta with pike. It happened before. But 43 there was a lawsuit that was filed back in 1890s that 44 changed that.So I think there has to be some kind of a standard that would allow local people to retain some 45 46 of these fisheries and not define them as sportfish, 47 because if we have all of these restrictions that are 48 placed upon us with mesh sizes for non-salmon species, 49 maybe they should be allowed to go rod and reeling for 50

0183 1 some of these non-salmon species for food. And I know grayling tastes good. And you can use corn as a bait 2 3 to catch those, because I fished for them when I lived 4 up at Fairbanks as well as fishing around Copper River 5 area. An it just seems unfair that we've got to be exclusive restrictions when you have a standard at the 6 7 mouth of the river systems and along the whole river systems, yet you have a different standards to some of 8 these tributaries of the Yukon River. 9 10 11 So I just want to express my concern 12 regard that, because it seems like there's different 13 definitions for different users, and so I think that 14 ought to be corrected at some point in the future. 15 16 Thank you. 17 18 MS. ROGERS: Mr. Chair. 19 20 ACTING CHAIR NANENG: Alissa, go ahead. 21 MS. ROGERS: Thank you, Mr. Chair. 22 23 Through the Chair. Have you had any feedback from 24 Bettles and Evansville, from those specific communities 25 or any discussion or have we -- has this come about 26 just as housekeeping from the Federal Subsistence Board 27 or as this actually brought up by those communities? 28 29 MS. KENNER: Through the Chair. Thank 30 you for the question, Ms. Rogers. So it's the Federal 31 Subsistence Board's policy to revisit these closures 32 every -- if there's a cycle, every three or four years 33 without a proposal. So we don't need a proposal. We 34 need to review them and make sure they're still 35 appropriate. 36 37 ACTING CHAIR NANENG: Any more questions 38 from the Council Members. 39 40 (No comments) 41 42 ACTING CHAIR NANENG: If not, continue, 43 Brooke, with that. 44 45 Nels. 46 47 MR. ALEXI: (In Yup'ik) 48 49 INTERPRETER: Are you -- is this 50

0184 1 separate from the Kuskokwim and not part of a Kuskokwim proposal? So our land, our river, is this separate 2 3 what you are discussing? Can I comment on it right 4 now? So when I ask that question here on the Yukon and 5 Kuskokwim we are in king conservation mode. They let 6 us use lower mesh nets, but the farther river and going 7 out into the -- but those that are on the Yukon. So they are talking about Arctic grayling and average span 8 9 size, and I was not sure, they're allowed to fish, and 10 they -- and cannot be used for subsistence. 11 12 ACTING CHAIR NANENG: (In Yup'ik) 13 14 INTERPRETER: So we are talking about 15 interior Yukon, the grayling fish. 16 17 MR. ALEXI: (In Yup'ik) 18 19 INTERPRETER: So he asked why they are 20 being treated separately towards subsistence users, 21 closed to them and then open to sport. I was thinking that you were talking about out land and the Kuskokwim. 22 23 24 ACTING CHAIR NANENG: (In Yup'ik) 25 26 INTERPRETER: No, that is -- we are not 27 discussing anything on the Kuskokwim River. So Myron's question with the -- on the Yukon where under this 28 29 proposal and river the sports fishermen are allowed to 30 continue fishing. 31 32 MR. ALEXI: (In Yup'ik) 33 34 INTERPRETER: Thank you. Now I 35 I'll wait for Kuskokwim comment. understand. 36 37 ACTING CHAIR NANENG: Any more 38 discussion on the.... 39 40 MR. LUPI: Mr. Chairman. 41 42 ACTING CHAIR NANENG: .....proposal? Go 43 ahead, Brooke. 44 45 MS. MCDAVID: Mr. Chair. 46 47 MR. LUPI: (Indiscernible) from 48 Tuntutuliak. 49 50

0185 1 ACTING CHAIR NANENG: Was someone's on 2 the line? 3 4 5 MS. MCDAVID: If we -- I'm sorry, if we 6 could hold off on public comments just a couple more 7 moments, please. 8 9 MR. LUPI: (Indiscernible - simultaneous 10 speech) 11 12 MS. ROGERS: Mr. Chair, I was just going 13 to say for the record that is Nels Alexi who was 14 speaking. Just for the record, that's Nels Alexi. 15 Thank you. 16 17 ACTING CHAIR NANENG: Quyana. 18 19 MS. MCDAVID: Thank you. 20 ACTING CHAIR NANENG: Okay. Just go 21 22 ahead. 23 24 MS. MCDAVID: Okay. We're going to move 25 through the procedure and we'll get to public comments 26 in just a moment. Were there any summaries of tribal 27 or ANCSA corporation consultations. 28 29 (No comments) 30 31 MS. MCDAVID: Hearing none, any agency 32 comments. ADF&G. 33 34 MS. STUBY: Hello. Through the Chair. 35 Lisa Stuby, Alaska Department of Fish and Game, 36 Division of Sport Fish. The Alaska Department of Fish 37 and Game is opposed to rescinding FCR 23-02 and 38 allowing for subsistence harvest by Federally-qualified 39 subsistence users due to sustainability concerns. 40 Resident species at high latitudes are slow growing, 41 have lower productivity and are present in low 42 densities making them more easily to over-exploit. 43 Allowing multiple gear types including gillnets and no 44 harvest limits may result in localized depletions or over-harvest of populations particularly during 45 46 seasonal migration. This action will be contrary to 47 the regulatory protection implemented within the Trans 48 Alaska Pipeline corridor, the five-mile radius as I've 49 mentioned, and will result in conflicting state and 50

0186 1 state regulations for the Kanuti River that could 2 complicate enforcement. 3 4 Any regulatory action taken by the 5 Federal Subsistence Board should mirror state 6 sportfishing regulations including gear and bag and 7 possession limits. 8 9 ACTING CHAIR NANENG: Thank you. 10 11 MS. MCDAVID: Do we have any other 12 agency comments, Federal or tribal. 13 14 (No comments) 15 16 MS. MCDAVID: Hearing none, advisory 17 group comments, the other Regional Advisory Councils. 18 19 MS. KENNER: Through the Chair. Thanks, 20 Ms. McDavid. This is Pippa Kenner with OSM. The WIRAC -- this is in the Western Interior Region, and the 21 Western Interior Council recommended the Board modify 22 23 the closure by rescinding it to non-salmon species 24 only, and I have a short justification. 25 26 The Council noted there was little 27 concern for over-harvest given Arctic Grayling is the predominant species in the drainage and are targeted 28 29 primarily with rod and reel. In addition the system is 30 distant from Wiseman and Coldfoot, the nearest 31 communities, which are the communities most likely to 32 subsistence fish in the area. 33 34 So that was Western Interior. 35 36 Eastern Interior followed the Western 37 Interior and said modify by rescinding species to nonsalmon species only. So keep the closure to salmon, 38 39 open it to non-salmon species. 40 41 And the Council's justification summary 42 is the Council was concerned about Yukon salmon stocks 43 and additional harvest on those stocks. 44 The North Slope took it up, this is the 45 46 combined Yukon/Northern Region, so the North Slope 47 Council took it up and they opted to rescind. Thev recommend the Board rescind the closures. 48 49 50

0187 1 And the Council noted that rescinding the closure would benefit subsistence uses and provide 2 3 a Federal subsistence priority. 4 5 And lastly is the Seward Peninsula Council, and the Council opted to not take up this 6 7 closure review. 8 9 Thank you, Mr. Chair. 10 11 MS. MCDAVID: Thank you, Pippa. Do we 12 have any fish and game advisory committee comments or 13 subsistence resource commission comments. 14 15 (No comments) 16 17 MS. MCDAVID: Hearing none, were there 18 any written public comments. 19 20 (No comments) 21 22 MS. MCDAVID: None, all right. 23 And.... 24 25 MS. KENNER: Oh, excuse me. Thank you, 26 Mr. Chair. There were no public written comments 27 submitted during the comment period. 28 29 MS. MCDAVID: Thank you. And now, Mr. 30 Chair, if you would like to open it up to public 31 comments, I think there was one on the line. 32 Thank you. 33 34 35 ACTING CHAIR NANENG: Okay. Thank you. 36 Was there any comments from the public on line. 37 38 MR. REAKOFF: Mr. Chair. It's Jack 39 Reakoff. 40 41 ACTING CHAIR NANENG: Yeah, go ahead. 42 43 MR. REAKOFF: Thank you, Mr. Chair. 44 Yeah, we -- I live in Wiseman and I'm in the affected rescind restricted area. The Council voted for this 45 46 and modified the proposal to eliminate only non-salmon 47 fish to be harvested. Almost all of the fish that are 48 taken in those drainages would be with rod and reel. It is not a year-round fishery. Like if the primary 49 50

0188 1 biomass or the main fish that's there, they're there from mid May through late September, and that's a fact. 2 So it's not a year-round fishery. Nobody's fished with 3 4 gillnets and the various types of gear down there in 5 decades. There's a state subsistence fishery in the middle fork and southward of the Koyukuk near where we 6 7 live here and we can use gillnets in these drainages here. Seem to have no problem with that harvest. So 8 the reality is there's -- it's going to be -- it will 9 10 additional harvest opportunity in the future. 11 12 I intend as the Chair of the Western 13 Interior Council to make a proposal for a bag limit 14 change for those drainages as we have on the Jim River 15 which has 10 fish per for subsistence user. 16 17 That will be my comments, Mr. Chair. 18 19 Thank you. 20 21 ACTING CHAIR NANENG: Okay. Thank you. 22 23 Brooke. 24 25 MS. MCDAVID: Do we have any other 26 public comments in the room or on the phone? 27 28 MR. LUPI: Adolph Lupi from Tuntutuliak. 29 30 ACTING CHAIR NANENG: Go ahead. 31 32 MR. LUPI: Yeah, they told me to speak 33 in Fish and Game about subsistence. There was sports 34 fishermens right there and I told them up here in 35 Alaska we don't need sports license to get the fish to 36 eat, but down there they sell sports license. And for 37 me, a Yup'ik, it was different, (in Yup'ik) really 38 different for me. If I wanted to fish, I need to buy a 39 sports license. And too far, but the Chena River, I didn't know where it was, but that guy did serve me 40 41 from sports fishing just a few days ago in mail, and 42 they were asking me when I sports fish how much I got, 43 but I'm not a sports fisherman. 44 45 When they have sports fishing up there, 46 we'll be let go. I mean, Mr. Tricks (ph) -- Chinook 47 salmon up where they were just (indiscernible) where 48 they let them go and take whatever they want like char 49 or grayling. I didn't know what they're fishing for. 50

0189 1 Quyana. 2 3 ACTING CHAIR NANENG: (In Yup'ik) 4 5 INTERPRETER: Say your name. 6 7 MR. LUPI: (In Yup'ik) Adolph Lupi from 8 Tuntutuliak. 9 10 ACTING CHAIR NANENG: Quyana. I 11 recognize Alissa. 12 13 MS. ROGERS: Thank you, Mr. Chair. Ι 14 move that we support with modification SCR23-02 as 15 follows. You -- wait, sorry. I just lost my page. That we support this to rescind the closure and the 16 17 ability to harvest other than salmon with rod and reel 18 only non-salmon stocks, and possession of limits is 10 19 per day. 20 21 MS. MCDAVID: Mrs. Rogers, I don't 22 believe we can add limits onto a closure review. I 23 think the option is only to rescind or retain or modify 24 the open or closure. 25 26 MS. ROGERS: So this..... 27 28 MS. MCDAVID: I think a fishery proposal 29 like Jack mentioned would have to be submitted in order 30 to modify the bag limits. 31 32 MS. ROGERS: Okay. 33 34 MS. KENNER: Thank you, Mr. Chair. This 35 is Pippa. 36 37 ACTING CHAIR NANENG: Yeah. 38 39 MS. KENNER: I just want to -- Pippa 40 Kenner. I just want to add to that, Ms. Rogers, that 41 this is kind of protective. Generally the Board's 42 policy and best practices is that when we get a 43 proposal or a closure review, we look only at the 44 proposal and the closure review. We do not -- the 45 Board generally will not use that as a vehicle for 46 creating other limitations. 47 48 MS. ROGERS: Okay. 49 50

0190 1 MS. KENNER: One must get a proposal. So we're a little off synch with these and we're 2 3 correcting that. So the next time you get these 4 closure reviews it will be during the period in which 5 you can also submit a proposal. 6 7 MS. ROGERS: Okay. 8 9 MS. KENNER: But we're off kilter right 10 now. And my colleague Robbin La Vine has more 11 explanation. Thank you. 12 13 MS. LAVINE: Thank you, Mr. Chair. 14 Actually Pippa did an excellent job. We are working on 15 trying to synch up these closure reviews to give 16 Councils time to both rescind and then propose 17 regulations that would be able to be implemented when 18 that closure is lifted. I also know that within the 19 Office of Subsistence Management and the Federal 20 subsistence management program there is recognition 21 that the managers, the Federal managers, can make 22 changes in-season to gear type and harvest limits. And 23 that is an authority delegated to the in-season 24 managers in most cases. 25 26 And so these particular closures right 27 now are of great interest to the Federal subsistence management program and to the Board members. They 28 29 certainly want to ensure that any vulnerable fishing 30 opportunities are both protected, watched, well managed 31 while providing opportunities for subsistence uses. So 32 this is in discussion right now and it will be also 33 discussed during the Board meeting. 34 35 You can make a recommendation to 36 rescind and you can also provide comments that you 37 think might be helpful to the Board. 38 39 Thank you, Mr. Chair. 40 41 MS. ROGERS: Thank you. I'm going to go 42 ahead and rescind my current motion to make a 43 correction that we support FCR 23-02 at this time. 44 45 Thank you, Mr. Chair. 46 47 ACTING CHAIR NANENG: Motion's been 48 made. Is there a second? 49 50

0191 1 MS. MCDAVID: Sorry, could I just get a 2 clarification on the motion, Ms. Rogers, did you intend to rescind the closure to non-salmon only or to salmon 3 4 and non-salmon? 5 6 Thank you. 7 8 MS. ROGERS: I believe that was to 9 rescind non-salmon stocks. 10 11 MS. MCDAVID: Okay. Would it be okay if 12 I perhaps restated the motion to clarif -- make sure 13 this is your intention. The motion would be to modify 14 the closure to rescind to non-salmon only, but remained 15 closed to salmon harvest. 16 17 MS. ROGERS: Would it be okay if I can 18 get a quick clarification from Jack Reakoff on what --19 Jack, are you still on line? Can you tell me what your 20 Council did in regards to your area? 21 MR. REAKOFF: Through the Chair. 22 The 23 Western Interior Regional Advisory Council voted to 24 modify the closure to only rescind for non-salmon 25 species. Thank you. 26 27 MS. ROGERS: Thank you, Jack. I 28 appreciate it. Yes, we are going to modify to non-29 salmon species as following with the WIRAC. Thank you. 30 31 ACTING CHAIR NANENG: Okay. The motion 32 has been made to support and modify -- the modification 33 that is being requested by Western Interior. Is there 34 a second? 35 36 MR. ANDREW: Second. 37 38 ACTING CHAIR NANENG: Seconded by John 39 Any further discussion on the motion? Andrew. 40 41 MS. ROGERS: Mr. Chair. 42 43 ACTING CHAIR NANENG: Go ahead. 44 45 MS. ROGERS: I'll go ahead and give a 46 justification. Since this has not been reviewed I 47 believe since implementation of 1970s through 1992, and 48 support of subsistence users of Bettles and Evansville 49 and those closest to the community of Kanuti River, and 50

0192 1 the analysis was well put together in support of opening this fishery, that the U.S. Fish and Wildlife 2 Service and ADF&G will work together under the 3 4 delegation of authority to restrict the fishery as it 5 progressed, we are assured that the future proposals will be implemented to deal with the fishing issues 6 7 that arise and including setting regulations and limitations in regards to gear type and possession per 8 9 day. And that we are in support of the Western 10 Interior as they -- this is within their region. 11 12 Thank you, Mr. Chair. 13 14 ACTING CHAIR NANENG: Okay. Any further 15 discussion on the motion to support. 16 17 (No comments) 18 19 ACTING CHAIR NANENG: Time for question? 20 21 (No comments) 22 23 ACTING CHAIR NANENG: If there's no 24 more -- yes, Brooke? 25 26 MS. MCDAVID: I just wanted -- there 27 were some great comments made earlier by Mr. Chair and 28 Mrs. Cleveland, if you all wanted to restate those at 29 all or just reference that you'd like those to be 30 included in the justification. 31 32 ACTING CHAIR NANENG: I think from my 33 standpoint, for me, I'd leave it up to the Western 34 Interior that are directly affected to work on their 35 proposal, because I don't want to add anything more 36 that would make it more difficult for them. 37 38 Any more discussion on the motion. 39 40 (No comments) 41 42 MR. PARKS: Question. 43 44 MS. MCDAVID: The question's been 45 called. 46 47 ACTING CHAIR NANENG: The question's 48 been called. Was there a comment on the phone before 49 we vote on this? 50

MS. ROGERS: Mr. Chair. Can I ask the court reporter that we remind people to please silence your cell phones? We're getting some background noise that it's hard to hear folks. Thank you. REPORTER: Please mute your phone per Council request. Thank you. ACTING CHAIR NANENG: Okay. The motion has been made and seconded, and now we're down to roll, and question's been called. MS. MCDAVID: Henry Parks. MR. PARKS: Yes. MS. MCDAVID: Phillip Peter. MR. PETER: Yes. MS. MCDAVID: Jackie Cleveland. MS. CLEVELAND: Yes. MS. MCDAVID: John Andrew. MR. ANDREW: Yes. MS. MCDAVID: James Landlord. MR. LANDLORD: Yes. MS. MCDAVID: Alissa Rogers. MS. ROGERS: Yes. MS. MCDAVID: Norma Evan. MS. EVAN: Yes. MS. MCDAVID: Any other Council Members joined us on line. (No comments) MS. MCDAVID: Robert Hoffman. (No comments) 

0194 1 MS. MCDAVID: Thomas Alstrom. 2 3 (No comments) 4 5 MS. MCDAVID: Hearing no one, Myron 6 Naneng. 7 8 ACTING CHAIR NANENG: Yes. 9 10 MS. MCDAVID: Motion passes eight to 11 zero. 12 13 ACTING CHAIR NANENG: Thank you. I'm 14 beginning to see people squirming, so we'll take a 10-15 minute break. 16 17 (Off record) 18 19 (On record) 20 21 ACTING CHAIR NANENG: Go ahead and call 22 the meeting back to order. The time now is 11:30. 23 24 We're on to the next agenda item, and 25 that's the FCR 23-03. Review the closure to 26 subsistence harvest of all fish in Bonanza Creek. 27 28 MS. KENNER: Thank you, Mr. Chair and 29 members of the Council. For the record this is Pippa 30 Kenner with OSM. This begins on Page 183 of your 31 council book, and while you're finding that page, I 32 just want to tell you I'm going to provide a brief 33 summary of the analysis. It's a rather long analysis. 34 35 Okay. So again Fishery Closure Review 36 FCR 23-03 is a standard Board-directed review of a 37 Federal subsistence closure to the harvest of all fish 38 in the Bonanza Creek drainage. The purpose of this 39 closure review is to determine if the closure is still 40 necessary. 41 42 Under Federal regulations subsistence 43 harvest of all fish is prohibited in the Bonanza Creek 44 drainage. The Federal closure was carried over from 45 state regulations at the beginning of the Federal 46 program and it has not been reviewed or modified. 47 48 Under state regulations Bonanza Creek 49 is closed to subsistence fishing, but sportfishing is 50

0195 allowed. This is a similar situation to what we just 1 discussed in the previous closure review. 2 3 4 So the closure area is located again in 5 the Western Interior region and crosses the Dalton 6 Highway and is located on general domain land managed 7 by the Bureau of Land Management. 8 9 Information regarding salmon is limited 10 in this area, but chum salmon may spawn in Bonanza 11 Creek and have been documented downriver of the Dalton 12 Highway. Population assessment near and above the 13 Dalton Highway for all salmon species is lacking in the 14 drainage. For non-salmon fish there are Arctic 15 grayling, burbot, round whitefish, long-nose sucker, 16 and northern pike are believed to be in this area. 17 18 Arctic grayling abundance was assessed 19 in 1996 in a three-mile section of Bonanza Creek that 20 crosses the Dalton Highway, and results showed there was an estimated density of 349 grayling per mile in 21 22 the study area. 23 24 Wiseman and Coldfoot are the 25 communities that most likely subsistence -- that are 26 most likely to subsistence fish in the area if the 27 closure is rescinded due to their close proximity to 28 the drainage. 29 30 So if the closure is rescinded, 31 Federal subsistence regulations for the Yukon northern 32 area would apply. Harvest of salmon would be allowed 33 if authorized by state emergency order or Federal 34 special action. Non-salmon fish could be taken with 35 any gear listed on Page 185 of your council book. That 36 includes, you know, set net, drift nets, that kind of 37 thing. And subsistence rod and reel harvest limit 38 would match state sportfishing harvest and possession 39 limits. Harvest would be unrestricted for all other 40 legal gear types. 41 42 So the OSM preliminary conclusion is to 43 rescind the closure. Currently Bonanza Creek is closed 44 to subsistence fishing but open to other uses. 45 Rescinding the closure would establish a Federal 46 subsistence priority in the area. Similar to the 47 Kanuti River, allowing unrestricted harvest may result 48 in a conservation concern; however, populations may be 49 protected by special actions until a proposal that 50

0196 1 modifies allowable gear types and harvest limits can be 2 submitted. 3 4 That concludes my presentation and I'll 5 be standing by along with again Cory Graham, our 6 fisheries biologist who's on the phone to answer any 7 questions you might have. And, of course, following this you're going to hear, you know, public comments 8 9 and what the other Councils did and that kind of thing. 10 11 Thank you. 12 13 ACTING CHAIR NANENG: Thank you. 14 Brooke, you'll go through the process. 15 16 MS. MCDAVID: Okay. Any tribal 17 consultation or ANCSA corporation consultation comments 18 summaries. 19 20 (No comments) 21 22 MS. MCDAVID: Hearing none, agency 23 comments. Fish and Game. 24 25 MS. STUBY: Good afternoon. Through the 26 Chair. Alaska Department of Fish and Game, Lisa Stuby, 27 Division of Sport Fish. Very similar to Kanuti, the 28 Alaska Department of Fish and Game is opposed to 29 rescinding FCR 23-02 and allowing for subsistence 30 harvest by Federally-qualified subsistence users due to 31 sustainability concerns. Resident species at high 32 latitudes -- oh, I meant FCR 23-03 -- at high latitudes 33 are slow growing, have lower productivity and are 34 present in low densities, making them more easily to 35 over-exploit. Allowing multiple gear types, including 36 gillnet and no harvest limits may result in localized 37 depletions or over-harvest of populations particularly 38 during seasonal migrations. 39 40 This action will be contrary to the 41 regulatory protection implemented within the Trans 42 Alaska Pipeline corridor and will result in conflicting 43 state and Federal regulations for Bonanza Creek that 44 could complicate enforcement. Any regulatory action 45 taken by the Federal Subsistence Board should mirror 46 state sportfishing regulation, including gear and bag and possession limits. 47 48 49 And also just one thing I just wanted 50

0197 1 to bring up, I was reviewing the report to the mark/recapture study that occurred in 1996 on Prospect 2 3 Creek, and it did incur a rather large standard error 4 which is also within the FCR review. And the project 5 took place within a three-mile area which was just right off the Dalton Highway, so it didn't cover the 6 7 entire drainage. And this habitat is pretty suitable. And only four fish were recaptured at the minimum of 8 9 seven recaptured fish. And you need seven fish to test 10 for bias. So the precision is a bit low and it does 11 incur, like I said, a very large error around that 12 estimate, too, so I'm thinking that this is -- that 13 stream may not be as robust as you think with 349 fish 14 per mile. It might be a lot less than that depending 15 upon where you are in the river. And like I said, the mark/recapture, the number of fish that were recaptured 16 17 turned to be very, very low. So I just want to kind of 18 add that onto the record. 19 20 MS. MCDAVID: Thank you. Any comments 21 from Federal or tribal agencies. 22 23 (No comments) 24 25 MS. MCDAVID: Hearing none, advisory 26 group comments. Other Regional Advisory Councils. 27 28 MS. KENNER: Thank you, Mr. Chair. 29 Members of the Council. Again we have four Councils 30 who reviewed this closure review. It is in the Western 31 Interior region and that Council recommends the Board 32 modify by rescinding to non-salmon species only. So 33 that's like what we just did in the other closure 34 review. The justification is the same. The Council 35 noted there was little concern for over-harvest given 36 that Arctic grayling the predominant species in the 37 system and are harvested by rod and reel. In addition, 38 the Council believes that Arctic grayling will 39 primarily be harvested when engaging in other 40 subsistence activities, harvested incidentally. 41 42 So the Eastern Interior Council did the 43 same, similar justification and they determined that 44 they did not want to rescind the closure to the harvest 45 of salmon because of concern for those stocks. 46 47 The North Slope region recommended the 48 Board rescind the closure. The Council noted that 49 rescinding the closure would benefit subsistence uses 50

0198 1 and provide a Federal subsistence priority. 2 3 And again the Seward Peninsula Council 4 opted to not take up this closure review. 5 6 Thank you, Mr. Chair. 7 8 MS. MCDAVID: Thank you, Pippa. Any AC 9 comments or SRC comments. 10 11 (No comments) 12 13 MS. MCDAVID: Hearing none, do we have 14 any written public comments. 15 16 MS. KENNER: Thank you, Mr. Chair. 17 There were no written public comments delivered during 18 the public comment period. 19 20 And this is Pippa Kenner for the 21 record. 22 23 MS. MCDAVID: Thank you. We can now 24 open it up to public testimony if there's anyone in the 25 room or on line that would like to comment on the 26 Fisheries Closure Review 23-03 for Bonanza Creek. 27 28 MR. REAKOFF: Mr. Chairman. Jack 29 Reakoff. 30 31 ACTING CHAIR NANENG: Go ahead. 32 33 MR. REAKOFF: Thank you, Mr. Chair. 34 Yes, as you see, the Western Interior did exactly the 35 same in this proposal as the previous. 36 37 The biomass is actually really high in 38 the summertime and then the fish are basically vacating 39 the drainage once the insects died out and then fish 40 start vacating the drainage and go back out of the area 41 where they are harvested in other areas. 42 43 But I feel there's no concern for 44 The in-season manager could close it at conservation. certain times of the year for all gear types other than 45 46 rod and reel. There's other mechanisms. We will be 47 submitting a proposal on these few drainages in the 48 next cycle. 49 50

0199 1 Thank you, Mr. Chair. 2 3 ACTING CHAIR NANENG: Okay. Thank you. 4 Any other comments. 5 6 Go ahead. 7 8 MS. CLEVELAND: This is Jackie 9 Cleveland. I had a question for Pippa or someone. You 10 voted to rescind? 11 12 MS. KENNER: Through the Chair ..... 13 14 MS. CLEVELAND: You voted to rescind and 15 then Western wants to modify, Eastern wants to modify, yeah? So I guess -- I mean just because maybe I'm torn 16 17 now between rescind and modify. Can you say why you 18 chose modify -- I mean rescind instead of modify? 19 Sorry. 20 21 MR. REAKOFF: Mr. Chair. This is Jack 22 Reakoff. 23 24 ACTING CHAIR NANENG: Are you responding 25 to the question? 26 27 MR. REAKOFF: Yes, I will. 28 29 ACTING CHAIR NANENG: Okay. Go ahead. 30 31 MR. REAKOFF: Yeah, we voted to modify 32 the proposal to protect salmon but allow the harvest of 33 non-salmon species. Thank you, Mr. Chair. 34 35 ACTING CHAIR NANENG: Okay. Thank you. 36 37 MS. KENNER: Mr. Chair. For the record 38 this is Pippa Kenner. So if the Western Interior 39 Council had opted to rescind the entire -- the closure, 40 it would have been open to the harvest of salmon, too. 41 And because of the conservation concerns for salmon 42 they opted not to go that route. They opted to keep 43 the salmon closure in place to Federal subsistence uses and I think that was their justification. 44 45 46 Did I answer your question, Ms. 47 Cleveland? 48 49 MS. CLEVELAND: Yes and no I guess. So 50

0200 1 I understand that the Western Interior's take, but I guess I was wondering if you recommend rescinding, is 2 it because there's plenty of salmon in that, you know, 3 4 in that river? 5 6 MS. KENNER: That's a very good 7 question. For the record this is Pippa Kenner. 8 Through the Chair. 9 10 So.... 11 12 MR. GRAHAM: Mr. Chair. 13 14 MS. KENNER: Oh, and Cory Graham is also 15 on line. He may be able to provide a better answer. 16 Go ahead, Cory. 17 18 MR. GRAHAM: Through the Chair. So 19 information regarding salmon is limited in Bonanza 20 Creek. There may be salmon there, but again we just 21 don't have a lot of data regarding that. And the motion -- or the preliminary conclusion to rescind is 22 23 we thought that the -- you know, we still had the tools 24 to protect salmon via special action like the non-25 salmon species protection of over-harvest. But as the 26 RACs noted, there is concern for salmon in the drainage and they just wanted to protect them as well. So it's 27 28 a rescind to non-salmon species only. Thank you. 29 30 ACTING CHAIR NANENG: Any more 31 questions. 32 33 (No comments) 34 35 ACTING CHAIR NANENG: If there's no more 36 questions, entertaining a motion to support the 37 recommendations. 38 39 MS. ROGERS: Mr. Chair. I'll go ahead 40 and move to support. 41 42 ACTING CHAIR NANENG: Motion made by 43 Alissa to support the recommendations. 44 MS. ROGERS: With modification of non-45 46 salmon. 47 48 ACTING CHAIR NANENG: Yeah. With the 49 modification that's request by Western Interior. Yes. 50

0201 1 Go ahead. 2 3 MS. MCDAVID: I'll just repeat that for 4 everyone. 5 6 So the motion is to modify the closure 7 and rescind the closure to non-salmon only. Thank you. 8 9 MR. PETER: Second. 10 11 ACTING CHAIR NANENG: The motion has 12 been made and seconded. Any further discussion on the 13 motion? 14 15 MR. PETER: Question. 16 17 MS. ROGERS: Mr. Chair. 18 19 ACTING CHAIR NANENG: Okay. The motion 20 has been made, seconded. I'll give an opportunity for 21 the discussion before we take up your question. 22 23 MR. PETER: Yeah. Alissa. 24 25 ACTING CHAIR NANENG: Okay. Go ahead, 26 Alissa first. 27 28 MS. ROGERS: Thank you, Mr. Chair. 29 Through the Chair. In connection to -- sorry, let me 30 get -- pull up the one. 23-01 and 23-02, to support to 31 modify with non-species, this hasn't been reviewed 32 since 1992. In support of subsistence users of that 33 area and in support of the WIRAC, support with 34 modification with non-salmon, and belief that ADF&G and 35 U.S. Fish and Wildlife Service authorization of 36 delegation will make the regulations and restrictions 37 in the best interest of the species. Arctic grayling 38 is very abundant in this river, that there is no 39 biological concerns to not rescind the closure. 40 41 Thank you, Mr. Chair. 42 43 ACTING CHAIR NANENG: Comments from OSM 44 or anybody else. 45 46 (No comments) 47 48 ACTING CHAIR NANENG: Okay. Did you 49 have a comment -- okay. Motion has been made and 50

seconded and question has been called. All in support of the motion to support say -- let's go ahead with the roll call. MS. MCDAVID: Henry Parks. MR. PARKS: Yes. MS. MCDAVID: Phillip Peter, Sr. MR. PETER: Yes. MS. MCDAVID: Jacqueline Cleveland. MS. CLEVELAND: Yes. MS. MCDAVID: John Andrew. MR. ANDREW: Yes. MS. MCDAVID: James Landlord. MR. LANDLORD: Yes. MS. MCDAVID: Alissa Rogers. MS. ROGERS: Yes. MS. MCDAVID: Norma Evan. MS. EVAN: Yes. MS. MCDAVID: Myron Naneng. ACTING CHAIR NANENG: Yes. MS. MCDAVID: Motion passes eight to zero. ACTING CHAIR NANENG: We're down to the next item, FCR 23-05, review closure to subsistence harvest of all fish in Delta River. MS. KENNER: Thank you, Mr. Chair. Members of the Council. ACTING CHAIR NANENG: We'll take a five-minute break. They want to discuss working through lunch hour. 

0203 1 (Off record) 2 3 (On record) 4 5 ACTING CHAIR NANENG: The Council 6 desires that they go ahead and order and for the time 7 being continue our work. 8 9 (Off record) 10 11 (On record) 12 13 ACTING CHAIR NANENG: Maybe someone can 14 go find our Council Coordinator. 15 16 MS. MCDAVID: I'm right behind you. 17 18 ACTING CHAIR NANENG: Oh, I didn't know 19 they were behind me. 20 21 (Off record conversations) 22 23 ACTING CHAIR NANENG: Okay. We're going 24 to call the meeting back to order again. The time now 25 is 12:10 -- or 12:08 p.m. We said we'd work through 26 lunch hour, so this is our lunch hour and we're going 27 to work through it. 28 29 So we're down to agenda item FCR 23-05, 30 reviewing closure to subsistence harvest of all fish in 31 the Delta River. 32 33 MS. KENNER: Thank you, Mr. Chair and 34 members of the Council. Again this is -- for the 35 record this is Pippa Kenner and I'm an anthropologist 36 at the Office of Subsistence Management in Anchorage. 37 And the review for Federal Closure Review 23-05 begins 38 of Page 2001 [sic] of your Council book. And again I'm 39 just going to offer a brief summary of what that review 40 contains. 41 42 So this is a review of the closure to 43 the harvest of all fish in the Delta River and again it 44 is a standard Board-directed review to determine if the 45 closure is still necessary, just like our previous two 46 analyses. 47 48 So under Federal regulations 49 subsistence harvest of all fish is prohibited, is not 50

0204 1 allowed, in the Delta River. The Federal closure was carried over from state regulations and it has not been 2 3 reviewed or modified. Under state regulations the 4 Delta River is closed to subsistence fishing, but 5 sportfishing is allowed. So we're in the same 6 situation we were in in the past two analyses. 7 8 The Delta River, which is located in 9 the Eastern Interior Region, begins at the outlet of 10 Lower Tangle Lake about 60 miles south/southwest of 11 Delta Junction. The upper portion of the Delta River 12 is a component of the National Wild and Scenic River 13 System which is administered by the Bureau of Land 14 Management. The lower section of the closure area is 15 on general domain land which is also managed by the 16 Bureau of Land Management. 17 18 So chum and coho salmon spawn in the 19 lower section of the Delta River, but salmon do not 20 inhabit the closure area in general. Non-salmon fish 21 is comprised of Arctic grayling, burbot, round 22 whitefish, long-nose sucker, lake trout and Dolly 23 Varden present in the area. 24 25 Previous research indicates the closure 26 area provides year-round habitat for an abundant 27 population of Arctic grayling with one of the highest 28 density estimates ever recorded for the species in 29 Alaska. A lot of Arctic grayling. 30 31 Big Delta and Delta Junction are the 32 communities most likely to subsistence fish in the 33 Delta River if the closure is rescinded due to their 34 close proximity to the drainage. 35 36 So if the closure is rescinded, Federal 37 subsistence regulations for the Yukon northern area would apply, including nets, the use of nets. Non-38 39 salmon fish could be taken with any gear listed on Page 40 202 of your council book. Subsistence rod and reel 41 harvest limits would match state sportfishing harvest 42 and possession limits, and harvest would be 43 unrestricted for all other legal gear types. 44 45 So the OSM preliminary conclusion is 46 to rescind the closure. 47 48 Currently Federal public waters of the 49 Delta River are closed to subsistence fishing, but open 50

0205 1 to other uses like sportfishing. Rescinding the closure would establish a Federal subsistence priority 2 3 in the area. 4 5 Previous research indicates the closure 6 area contains an abundant population of Arctic grayling 7 with one of the highest recorded densities in the state of Alaska; however, allowing unrestricted harvest for 8 9 gear types other than rod and reel may lead to over-10 harvest. Similar to the previous reviews, populations 11 may be protected by special actions until a proposal 12 that modifies allowable gear types and harvest limits 13 can be submitted. 14 15 Okay. That concludes my presentation, 16 and again I'll be standing by with Cory Graham on line 17 to answer your questions. 18 19 Thank you very much for your time. 20 21 ACTING CHAIR NANENG: Thank you. Brook, 22 let's go follow the format. 23 24 Are there any questions from the 25 Council Members. 26 27 (No comments) 28 29 MS. MCDAVID: Okay. Hearing no 30 questions, we'll move through the procedure. Any 31 summary of tribal ANCSA consultations. 32 33 (No comments) 34 35 MS. MCDAVID: Hearing none, agency 36 comments. Fish and Game. 37 38 (No comments) 39 40 MS. MCDAVID: Do we have anyone from 41 Fish and Game still on the line. 42 43 (No comments) 44 45 MS. MCDAVID: We're looking for agency 46 comments on the Fishery Closure Review 23-05. 47 48 (No comments) 49 50

0206 1 MS. MCDAVID: Okay. Hearing none, any 2 Federal agency comments or tribal comments. 3 4 (No comments) 5 6 MS. MCDAVID: Hearing none, advisory 7 group comments. The other RACs, please. 8 9 MS. KENNER: Thank you. Through the 10 Chair. For the record this is Pippa Kenner. So this 11 is in the Eastern Interior region and the Eastern Interior Council deferred this Federal closure review. 12 13 The Council said, the Council noted the needed to hear 14 from people that will be affected, such as the Delta 15 Fish and Game Advisory Committee. The Council was also concerned about a lack of monitoring and potential 16 17 over-harvest. 18 19 The Western Interior Council deferred 20 to the home region, so they deferred. The Council 21 noted that the Eastern Interior Council is the home 22 region and should make the decision. 23 24 The North Slope Council also deferred 25 to the Eastern Interior Council. 26 27 And the Southcentral Council provided a 28 comment -- oh, the Southcentral Council provided a 29 comment that they do not have customary and traditional use determination in this area. 30 31 32 Brooke, could you advise me what to do 33 with that comment? 34 35 MS. MCDAVID: I'm sorry, with what..... 36 37 MS. KENNER: The Southcentral Council 38 made a comment, but they aren't -- you know, it's not --39 it's not a crossover for them. It's a crossover 40 strictly speaking for them, but they made a comment. 41 42 MS. MCDAVID: Sure. So other Councils 43 that aren't -- they're able to make comments even if it's not in their region, but the Board doesn't have 44 45 deference to those Councils. So if you wanted -- if 46 you know what that comment was, you could read it and 47 just let them know. 48 49 MS. KENNER: Thank you, Brooke, I'll 50

1 read it quickly. Thank you, Mr. Chair. The Southcentral Regional Advisory Council recommends the 2 3 Office of Subsistence Management remove the Federal 4 subsistence fishing closure of the Delta River, but 5 delay opening Federal subsistence fishing until such 6 time that OSM has conducted a Section 804 subsistence 7 user prioritization or similar analysis of the area to determine which Federally-qualified users should 8 9 receive a customary and traditional use determination 10 of the Delta River drainage, or who would be eligible, 11 to make recommendations as to the appropriate methods 12 and means of harvest to ensure sustainable fisheries 13 management. 14 15 As written OSM's recommendation would 16 make the Federal waters of the Delta River drainage 17 available to all Federally-qualified rural residents of 18 the Yukon northern area whereas Federally-qualified 19 rural residents in the AHTNA traditional use territory 20 would not be eligible to subsistence fish under Federal 21 regulations in the area that the AHTNA na people have 22 fished and stewarded for countless generations. 23 24 Okay. So what they're saying is we --25 it's in our area, but they say we don't have a 26 customary and traditional use determination for that 27 area so we're going to submit a proposal, but it's 28 still recommended rescinding the closure. 29 30 MR. WUTTIG: Through the Chair. This is 31 Klaus Wuttig with Fish and Game in Fairbanks. 32 33 ACTING CHAIR NANENG: Go ahead. 34 35 MR. WUTTIG: Yeah. Thank you. My 36 apologies for jumping in late with the state's 37 position. I was moving my phone and I hit my -- I hung 38 up inadvertently, so I'm coming in a little bit late. 39 So I'd like to step back for a moment and just give the state's position. And before I do, I just kind of have 40 41 a question on this proposal, because it refers to the 42 Delta River and the state regulations refer to Delta 43 River tributaries, and there's also lake systems in 44 there. And so it's a little challenging to really state a full position on this because we're not really 45 46 sure where the boundary is. Could I have some 47 clarification on that? 48 49 ACTING CHAIR NANENG: Go ahead. 50

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0208 1 MR. GRAHAM: Mr. Chair. 2 3 ACTING CHAIR NANENG: Go ahead, respond 4 to.... 5 6 MR. GRAHAM: This is Cory Graham with 7 OSM, so -- oh, thank you, Mr. Chair. So it's the -we're defining the Delta River as from the outlet of 8 9 Lower Tangle until the end of the closure area. It 10 does now include the lakes or other drainages -- or 11 streams, excuse me. 12 13 ACTING CHAIR NANENG: Okay. Thanks you. 14 15 MR. WUTTIG: And that would include the 16 pain stem Delta River all the way down to One Mile 17 Creek? 18 19 MR. GRAHAM: Correct, it's the main stem 20 entering to the end of the Federal public lands. 21 MR. WUTTIG: Okay. Thank you. So I'll 22 23 go ahead and kind of formulate a position here. So 24 Fish and Game is -- I mean we're opposed to the 25 proposal, and the reason being is that allowing the use 26 of multiple gear types is a real concern. The Wild and 27 Scenic portion, or the 12-mile section below the falls 28 of the Delta River, well, the bottom four miles of that 29 is all glacial so there are a lot of grayling there, 30 but it is just an eight-mile section of the river. 31 32 And then for the main stem, it's a 33 large glacial river with several tributaries that cross 34 the road system that go into the main system, so the 35 main stem of the delta, it's cold and glacial. So any 36 fish would be there present in very low densities. And 37 similarly for all the small streams that cross the 38 road, if there are a few fish in there, they would be 39 pretty vulnerable especially when we're talking about 40 allowing all gear types, such as gillnets, and it does 41 give us sustainability concerns. 42 43 And furthermore, you know, having --44 opening it for subsistence, Federal subsistence 45 harvest, we do have some conflicting regulations with 46 state regulations. So that's why we're opposed to it. 47 And our main concern is the allowing multiple gear 48 types in that section of river and all those small 49 tributaries that cross it. 50

0209 1 Through the Chair, thank you. 2 3 MS. MCDAVID: Thank you for that 4 comment. So we left off before we backed up real quick 5 to get Fish and Game's comment, with the other Regional Advisory positions. And now we'll move on. Are there 6 7 AC comments or comments from SRCs. 8 9 (No comments) 10 11 MS. MCDAVID: It sounds like none. 12 Were there any written public comments. 13 14 MS. KENNER: Thank you, Mr. Chair. 15 There were no written public comments. This is Pippa 16 Kenner for the record. 17 18 MS. MCDAVID: Thank you. And now we can 19 open it up to public testimony if there is any. 20 21 (No comments) 22 23 MS. MCDAVID: Okay. Hearing no public 24 testimony, I'll turn it over to you, Mr. Chair. 25 26 ACTING CHAIR NANENG: Okay. We're 27 looking for a motion from the Council to support..... 28 29 MR. WUTTIG: Is there a way to public 30 testimony? Sorry. 31 32 MS. ROGERS: Mr. Chair. 33 ACTING CHAIR NANENG: Yeah, go ahead if 34 35 you have public comment or public testimony. I'll give 36 you the opportunity. 37 38 MR. WUTTIG: Thank you. I appreciate 39 that. So the Delta Fish and Game Advisory 40 Committee.... 41 42 REPORTER: Would you identify yourself, 43 please. 44 45 MR. WUTTIG: .....is opposed to 46 rescinding F -- sorry, are you ready? 47 48 MS. MCDAVID: Yeah, go ahead. Identify 49 yourself first, please. 50

0210 1 MR. WUTTIG: Oh, sorry. Yeah, this is 2 Klaus Woody with Fish and Game. I'm the Management 3 Coordinator for Region 3. 4 5 MS. MCDAVID: Thank you. 6 7 MR. WUTTIG: Reading the public comment for Delta Fish and Game AC. The Delta Fish and Game 8 Advisory Committee if opposed to rescinding FCR 23-05 9 10 and allowing for subsistence harvest by Federally-11 qualified subsistence users due to sustainability 12 concerns for resident species fisheries with 13 unrestricted to gear and harvest limits. 14 15 Thank you. Mr. Chair. Madame Chair. 16 17 ACTING CHAIR NANENG: Okay. Thank you. 18 19 MS. ROGERS: Mr. Chair. 20 21 ACTING CHAIR NANENG: Go ahead, Alissa. 22 23 MS. ROGERS: Thank you, Mr. Chair. With 24 all of the deferring from all the Regional Councils and 25 the actual Council who is the home Council of this, 26 we'd like to hear more from the people in the area in 27 regards to this proposal. I would like to make a suggestion if the rest of the Council would like to 28 29 follow, to defer this proposal to the home Regional 30 Advisory Council. 31 32 Mr. Chair. 33 34 ACTING CHAIR NANENG: So you're making 35 that motion as a motion? 36 37 MS. ROGERS: Yes, it is a motion. 38 39 ACTING CHAIR NANENG: Okay. Thank you. Is there a second to the motion to defer. 40 41 42 MR. PETER: Second the motion, Mr. 43 Chairman. 44 45 ACTING CHAIR NANENG: Seconded by 46 Phillip Peter. Any further discussion on the motion. 47 48 Jackie, you had a comment. 49 50

0211 1 MS. CLEVELAND: Yes. Quyana, Mr. Chair. So hearing these last four proposals, they're almost 2 3 similar -- or most of them are similar. But I'm just 4 still in disbelief that if there is a conservation 5 concern in any of these rivers I guess why is sportfishing open. And in reference to Katie John, you 6 7 know, they're not priority. 8 9 And I guess personally I've always 10 wished that sportfishing was considered a commercial 11 fishery because there is commerce, money is exchanged. 12 A lot of money. But we've tried to do this in 13 Quinhagak a bunch, but the reasoning is always that 14 they take the least amount of fish, three percent, but 15 the mortality rate is never, you know, mentioned. And 16 I know in Quinhagak the mortality rate is high. We're 17 always -- or, sorry, it's low. We see a lot of dead 18 fish on the shores that were caught and released. So 19 that's just my opinion. I mean, I wish it would be 20 considered a commercial fishery so when there is 21 conservation concern and the commercial fishery is 22 closed, then the sport should be closed, too. But 23 that's just my opinion. 24 25 Thanks. 26 ACTING CHAIR NANENG: Thank you, Jackie. 27 28 I think if the Council doesn't object to it, I would 29 also convey that same concern and share it with the 30 other Councils who are dealing with this issue, that 31 our position is that subsistence should be recognized 32 in all of the proposals that are coming, that have come 33 before us. 34 35 And I support your position of saying 36 that we seem to be ignoring Katie John, which is a 37 Federal legislation recognized by the Federal 38 government, so I would request that that message be 39 conveyed to these other Councils that we're all in the 40 same boat where we want to be protected on our 41 subsistence rights and rights not be given priority to 42 commercial and sportsfishing. 43 44 With that, thank you. 45 46 So a motion has been made and seconded. 47 48 Any further discussion on the motion. 49 50

(No comments) MR. ANDREW: Question. ACTING CHAIR NANENG: The question's been called for. Let's do a roll call again. MS. MCDAVID: I'll just restate the motion. The motion is to defer to the home region Regional Advisory Council, which is Eastern Interior. Henry Parks. MR. PARKS: Yes. MS. MCDAVID: Phillip Peter. MR. PETER: Yes. MS. MCDAVID: Jackie Cleveland. MS. CLEVELAND: Yes. MS. MCDAVID: John Andrew. MR. ANDREW: Yes. MS. MCDAVID: James Landlord. MR. LANDLORD: Yes. MS. MCDAVID: Alissa Rogers. MS. ROGERS: Yes. MS. MCDAVID: Norma Evan. MS. EVAN: Yes. MS. MCDAVID: Mr. Chair Myron Naneng. ACTING CHAIR NANENG: Yes. MS. MCDAVID: Motion passes eight/zero. ACTING CHAIR NANENG: Okay. Thank you. Following agenda, we've already taken item D. Yes, you've got another proposal, okay. Thank you. Go ahead. 

0213 1 MS. LAVINE: Thank you, Mr. Chair. Members of the Council. Before we continue, I just 2 3 wanted to give you an update on our lunch plans. The order has been placed, it will be delivered here in 4 5 about another 20 minutes. 6 7 I did want to note that the Yukon River 8 Drainage, YRDFA folks, Fisheries Association has 9 generously brought some snacks for you, and if you have 10 a moment and you want a quick little snack to carry you 11 through to lunch time, they've generously brought it, 12 and it's over here by the coffee. 13 14 Thank you, Mr. Chair. And then I don't 15 want to continue our -- I don't want to divert our 16 flow. 17 18 ACTING CHAIR NANENG: Okay. Thank you. 19 Now we're down to our next agenda item, Item E, 2020 20 Fishery Resource Monitoring Programs. You've got the 21 floor. 22 23 MR. FOLEY: Thank you, Mr. Chair. Mr. 24 Chair. Members of the Council. Good afternoon. For 25 the record my name is Kevin Foley and I'm a Fish 26 Biologist within the Office of Subsistence management. 27 The materials for this agenda item begin on Page 213 of 28 your council meeting book. For the Fisheries Resource 29 Monitoring Program we would like to start with an 30 update on the 2022 monitoring plan which was finalized 31 in the spring of 2022. 32 33 There are 13 newly funded projects in 34 2022, five in the Yukon region and eight in the 35 Kuskokwim region. There are also six on-going projects 36 in the Yukon region with four on-going projects in the 37 Kuskokwim region. 38 39 Beginning with the Yukon region, Pages 216 and 217 of your meeting books, newly funded 40 41 projects include the east fork Andreafsky weir Chinook 42 and summer chum salmon abundance and run timing 43 assessment; Gisasa River weir Chinook and summer chum 44 salmon abundance and run timing assessment; Western Alaska coho salmon genetic baseline development; 45 46 presence and use of salmon in the Pastolik and 47 Pastoliak Rivers; and humpback whitefish and other non-48 salmon fishes traditional ecological knowledge and 49 biological sampling in the upper Koyukuk region. 50

0214 1 The six on-going projects from 2022 in 2 the Yukon region include Yukon River coho salmon radio telemetry; mixed stock analysis for Yukon River chum 3 4 salmon; in-season Yukon River subsistence salmon survey 5 program; customary trade in the lower and middle Yukon 6 River; Yukon River in-season salmon management 7 teleconferences; and evaluating dart and telemetry tags in an effort to track run timing and migration patterns 8 9 of Yukon River Arctic lamprey. 10 11 Moving into the Kuskokwim region, Pages 12 220 and 221 of your meeting book, the eight newly 13 funded projects in 2022 are Takotna River Weir salmon 14 run timing and abundance; George River salmon weir; 15 Bethel subsistence harvest survey; Kuskokwim management 16 area post-season subsistence salmon harvest survey; 17 local and traditional knowledge of salmon harvest and 18 use for subsistence in the lower Kuskokwim River 19 drainage; natural indicators of salmon in the lower 20 Kuskokwim drainage; community-based harvest monitoring 21 network for Kuskokwim River Chinook salmon; and Kuskokwim River broad whitefish subsistence harvest and 22 23 spawning abundance. 24 25 The four on-going projects from 2022 26 include Kuskokwim River coho salmon abundance 27 estimation and whitefish indices using sonar; Salmon 28 River of the Pitka Fork Chinook salmon escapement 29 monitoring; middle Kuskokwim River chinook and chum 30 salmon in-season assessment; and Kwethluk River salmon 31 run timing and abundance. 32 33 The Office of Subsistence Management 34 administers the Fisheries Resource Monitoring Program 35 and will announce the 2024 notice of funding 36 opportunity for the monitoring program this winter. We 37 will be seeking proposals for projects that gather 38 information to manage and conserve subsistence fishery 39 resources in Federal public waters. The monitoring 40 program is also directed at supporting meaningful 41 involvement in fisheries management by Alaska Native 42 and rural organizations and promoting collaboration 43 among Federal, state, Alaska Native and local 44 organizations. 45 46 The first step in this process is for 47 the Regional Advisory Councils to identify the priority 48 information needs for their respective regions. These 49 are research needs or gaps in information needed to 50
0215 1 manage Federal subsistence fisheries. These priority information needs provide the framework for soliciting, 2 3 evaluating, and selecting projects for funding through 4 the monitoring program. 5 6 The development of the priority 7 information needs is an important process for the Council. Your final version of priority information 8 needs determines the types and subjects of project 9 10 proposals that are sought for within your regions. 11 12 Three primary types of research are 13 requested: harvest monitoring; traditional ecological 14 knowledge; and stock status and trends. Harvest 15 monitoring and traditional ecological knowledge 16 projects provide information directly from subsistence 17 users including descriptions of fishing effort and 18 harvest and use patterns. Stock status and trend 19 projects address fish abundance, migration, and 20 behavior in specific fisheries. 21 22 Research priorities that fall outside 23 of that scope of the monitoring program are not 24 considered or not funded, and they include projects 25 focused on habitat protection, mitigation, restoration 26 and enhancement, hatchery propagation, restoration 27 enhancement and supplementation, and contaminant 28 assessment, evaluation and monitoring. These kinds of 29 projects are most appropriately addressed by the local 30 land managers, by local land management or regulatory 31 agencies. In addition, projects for which the primary 32 objective is education or outreach, such as science 33 camps, technician training, or intern programs are not 34 eligible for funding under the monitoring program. 35 36 Council Member Thomas Alstrom worked 37 with OSM Staff and Council Members from Eastern and 38 Western Interior to exchange information and discuss 39 priority information needs for the Yukon region. 40 Council Member Alissa Rogers worked with OSM Staff and 41 Kevin Whitworth from Western Interior to exchange 42 information and discuss priority information needs for 43 the Kuskokwim region. We will discuss the results of 44 these meeting in a moment and then ask the Council to finalize and adopt the 2024 priority information needs 45 46 for the Yukon and Kuskokwim regions. 47 48 Thank you, Mr. Chair. This concludes 49 the Fisheries Resource Monitoring Program update. Are 50

0216 1 there any questions before we begin reviewing the list 2 of priority information needs. 3 4 ACTING CHAIR NANENG: Go ahead, Jackie. 5 6 MS. CLEVELAND: Quyana. Through the 7 Chair. Kevin, I had a question about say we wanted to -- or we got our weir back on our river and to co-8 9 manage, would that fall under ADF&G and the tribe or is 10 there or is there such a thing as the U.S. Fish and 11 Wildlife and tribe co-management even if -- so it's in 12 the refuge, but it's state water. 13 14 MS. KENNER: I hear you asking -- hi. 15 For the record this is Pippa Kenner. I hear you asking 16 two questions. And one is, does a pro -- does the 17 focus of a project have to be on Federal public lands, 18 and the answer is not necessarily. If fish travel 19 through both Federal public lands and state-managed 20 lands on their way to their spawning area, we would 21 consider a Federal fisheries resource monitoring 22 project even if it was in state-managed waters. 23 24 MS. CLEVELAND: Thank you. 25 26 MS. KENNER: You're welcome. 27 28 ACTING CHAIR NANENG: Any other 29 questions. 30 31 (No comments) 32 33 ACTING CHAIR NANENG: Go ahead and 34 continue on with the report. 35 36 MR. FOLEY: Thank you, Mr. Chair. The 37 group worked through 2018 and 2020 priority information needs, recently funded projects and data gaps. The 38 39 resulting draft list is contained within tab two of 40 your supplemental materials. 41 42 MS. MCDAVID: One second, Kevin, thank 43 you. Council Members, I just want to make sure you 44 have a copy. If anybody doesn't have their supplemental materials that were mailed to them, I can 45 46 give you an extra copy. Tab two is where the list of 47 draft priority information needs are. 48 49 Thanks. 50

0217 1 MR. FOLEY: Thank you, Brooke. We can work through these one by one and make any final edits 2 3 that this Council sees fit. After the Council has 4 approved its priority information needs for the Yukon 5 region we'll move onto the Kuskokwim region. Т recommend that after we have reviewed all priority 6 7 information needs the Council put forward a motion to approve the list, including any changes made by the 8 Council at which point the 2024 priority information 9 10 needs will be final and will be published in our notice 11 of funding opportunity this winter. 12 13 Mr. Chair. At this time I would ask if 14 the Council would prefer for me to read aloud through 15 the draft list or if the Council prefers to read through the list themselves and provide comment. 16 17 18 ACTING CHAIR NANENG: Do you want him to 19 read the list or do you want to read it on your own and 20 then ask questions. Read the list? Have him read the 21 list, is that what you're asking, James? What's the 22 desire of the Council? 23 24 MS. ROGERS: We can read it and then we 25 ask questions. 26 27 ACTING CHAIR NANENG: Yeah, go ahead and 28 read it and we be listening. 29 30 MR. FOLEY: Thank you, Mr. Chair. 31 Members of the Council. I'm now going to read through 32 the Yukon Region draft priority information needs for 33 the 2024 FRMP cycle which again are found within tab 34 two of your supplemental materials. And I would like 35 to point out that these are presented or listed in no 36 particular order. 37 38 MS. ROGERS: Sorry, Mr. Chair. I meant 39 that we will read it and then ask questions. But I 40 wanted to find out, since the Yukon has more 41 informational needs, can you summarize their most 42 priority one that they discussed? Or are you asking us 43 specifically for all of them to be approved? 44 45 MR. FOLEY: Through the Chair. 46 47 Ms. Rogers, that's an excellent 48 I don't believe it's the position of OSM to question. 49 prioritize the priority information needs that the 50

0218 1 Council places -- identifies. 2 3 ACTING CHAIR NANENG: (Indiscernible -4 microphone off) 5 6 MS. KENNER: Hi, this is Pippa Kenner. 7 So uniquely on the Yukon there are actually -- the 8 Yukon travels through three regions, and so one of the 9 reasons why the list is longer is because it's a 10 gigantic drainage and three Councils may have 11 completely different priority information needs, yet we 12 treat it for funding as one region. So we are asking 13 you to approve a list of priority information needs, 14 and the sub-group that came together from those three 15 Councils determined that these were the priorities. 16 And in these priorities it includes non-salmon fishes 17 and salmon. It includes the possibility of approving 18 funding for any weir or, you know, sonar, anything that 19 enumerates the number of fish that are escaping; in 20 addition the quality of those fish that are escaping, 21 meaning what age are they, what condition are they in; 22 and for non-salmon fishes it generally emphasizes 23 looking into where these fish are, what their migration 24 is and how they spawn. And a lot of that work is 25 conducted in the villages. Lisa Stuby is a wonderful 26 example of that. Because a lot of the fishery 27 biologists that offer you information, they're not 28 sure. And in addition there are a couple of requests 29 to continue doing house-to-house harvest surveys about 30 what people -- what fish people are harvesting so we 31 can keep track of that. And in general that's what 32 these priority information needs are. 33 34 MS. ROGERS: Mr. Chair. In the spirit 35 of this, and it seems like our subcommittees have 36 already discussed and I don't want to take away from 37 this, the points that were made on here, I want to -if there's no -- oh, before we get into discussion 38 39 between the Council, I want to put a motion on the floor that we are in support and if these are approved, 40 41 great. Go ahead. 42 43 MS. KENNER: Yes, I forgot the most 44 important part. One of the strategies of developing 45 these working groups from the three different Councils 46 is so the member -- your member of that group can 47 explain to you the justification, and it's Mr. Alstrom 48 and he's not here today. So I just want to recognize 49 that. 50

0219 1 MS. ROGERS: And is it to -- we're 2 adopting or supporting this one? 3 4 MS. KENNER: Support is a fine way to do 5 it. 6 7 MS. ROGERS: Mr. Chair. Through the 8 Chair. In the spirit of the Yukon region draft 9 priority information needs and also the Kuskokwim 10 region draft priority needs for 2024 FRMP cycle, I move 11 to support. 12 13 Thank you, Mr. Chair. 14 15 ACTING CHAIR NANENG: A motion has been 16 made to support. 17 18 REPORTER: Mic, please. 19 20 ACTING CHAIR NANENG: Okay. Motion has 21 been made to support the draft priority information needs. Is there a second. 22 23 24 MS. EVAN: I second. 25 26 ACTING CHAIR NANENG: Okay. It's second 27 by Norma. Any discussion. Go ahead. 28 29 MS. ROGERS: Mr. Chair. Thank you. 30 Through the Chair. In the event that Mr. Alstrom is 31 not available to give us the justification, I'm sure 32 you guys had a long discussion as we did. Do you guys 33 have a summary justification for all three Councils 34 that have met on this for the Yukon River? 35 36 MS. KENNER: Thank you for the question. 37 Through the Chair. This is Pippa Kenner. No, we do 38 not produce a summary of the justification. We 39 generally take notes on what priority information needs people are identifying and helping the Council Members 40 41 put that into language that would be appropriate for 42 the published list that goes out to potential people 43 applying for the money. So I'm sorry about that. 44 45 In general they continued to support 46 the enumeration of and quality of escapement. That was 47 really important. Of salmon. 48 49 ACTING CHAIR NANENG: Any other 50

0220 1 guestions regarding the lists? 2 3 (No comments) 4 5 ACTING CHAIR NANENG: I just have a 6 comment and probably a question. Item Number H on the 7 Yukon region draft priority, the in-season estimates of genetic stock composition of Chinook, summer chum, and 8 9 fall chum runs. Are you going to be able to share that 10 information with the trawl fleet so that they can try 11 and use that as information for avoidance? I know 12 that's a different forum, but one government 13 information should apply -- to be shared with another 14 entity that -- or agency that controls what ultimately 15 returns to the Yukon. 16 17 MS. KENNER: Thank you for the question, 18 Mr. Chair. This is Pippa Kenner with OSM. So first of 19 all, one of the reasons why OSM wants to enter into 20 these cooperative agreements with tribes and other 21 entities is because it stimulates research in an area 22 that might not otherwise be researched. So we want to 23 get money to answer questions and provide information 24 that we need, your Council needs, to manage these 25 fisheries. We require all the information to be 26 public. We try to produce information that we all 27 agree was collected rigorously and is the appropriate 28 information for the questions that we ask. So, yes, we 29 encourage public distribution and scientific use of all 30 this information. 31 32 ACTING CHAIR NANENG: Yeah, I think it 33 would be appropriate definitely to share that with 34 managers at North Pacific Fisheries Management Council, 35 because they do impact the returning salmon runs to the 36 Yukon and the Kuskokwim. 37 38 I'll just give an example of how 39 agencies don't seem to coordinate with each others. 40 When I went to get the Real ID that's required for our 41 government, I had to provide everything to Department 42 of Transportation. My birth certificate, my driver's 43 license, my everything, disclosure. Then I went to TSA 44 and I had to provide the same information, and I asked, how come I provide it to one agency and the other 45 46 agency that want to use that information, to just make 47 it available. And they said, that's a different agency 48 that's monitoring that. 49 50

0221 1 But with the salmon issue I believe that we're all in this together and that should be 2 3 emphasized that whatever genetic information that you 4 obtain with the studies that are done should be shared 5 and monitored also by those that intercept the fish as well as those that do the bycatch, because we've dealt 6 7 with the state of Alaska over the years and they always find some excuse not to recognize that they're 8 9 impacting the salmon that are returned to the river 10 system, therefore we end up being -- bearing the burden 11 of conservation more than they do. And I hope that one 12 day that ends, because we're trying to survive, we're trying to eat, yet they're trying to make money, which 13 14 is completely different than our way of life out here 15 in the Yukon and Kuskokwim, so I'd request that this be shared with them, because they're impacting our lives 16 17 and the lives of our people in the villages. 18 19 Okay. Thanks. 20 Okay. We had a motion and a second. 21 Or was there a second -- oh, yeah, Norma seconded. 22 23 24 MR. LANDLORD: Mr. Chair. 25 26 ACTING CHAIR NANENG: Yes, go ahead. 27 28 MR. LANDLORD: It seems like I heard in 29 one of the meetings or discussion with North Pacific 30 Fisheries that education -- they need to be educated, 31 education on the Yukon River subsistence and Kusko 32 River, that they lack education that a lot of people up 33 and down the river, that they need education how we use 34 our fish or how many people eat it out here. Okay. 35 36 ACTING CHAIR NANENG: Go ahead, Pippa. 37 38 MS. KENNER: Thank you, Mr. Chair. For 39 the record this is Pippa Kenner. So, yes, buried in the language of many of these what we call priority 40 41 information needs that we want people to apply for 42 funding to answer these questions, is oftentimes 43 questions about how people use these fish. And there's 44 also a priority information need that talks about traditional ecological knowledge of fishes, of all 45 46 fishes, that people can apply for money to answer those 47 questions. And in this sense, this traditional 48 ecological knowledge includes, you know, things like 49 local rules and traditions about how fish are used, not 50

0222 1 wasted, that kind of thing, all the way to important harvest sites, and how harvest may be decreasing or 2 3 increasing based on whether or not people are finding 4 fish or not. So, yes, it does include that, and that's 5 a very good question. Thank you for the question. 6 7 MR. LANDLORD: One more, Mr. Chairman. 8 The last one on your sentence, with emphasis on 9 Canadian-origin stock. Who needs (ph) becomes one 10 river from Canada, there's one origin in Whitehorse 11 area and maybe one in Dawson City? How many origins do 12 we have that comes one -- from one river? There must be two or three in Canada. I know there's one in 13 14 Dawson City and one in Whitehorse, right? And I don't 15 know how many times I hear complaint about Whitehorse 16 dam, that the salmon can't go through the area to 17 spawn. And I hear like we have to go through the State 18 Department to complain about the dam, but I don't know 19 if it's ever been done. Gosh, we tried it before and 20 they said you have to go to State Department. 21 22 ACTING CHAIR NANENG: Go ahead. 23 24 MS. KENNER: Yeah, thanks, Mr. Chair. 25 For the record this is Pippa Kenner. So I can tell you 26 what I know. What I know is that for these 27 transboundary river issues, like the Stikine in 28 Southeast and the Taku, the Council down there has been 29 asking questions particularly about mining projects in 30 Canada. And so the information is going up through 31 your annual reports to the Federal Board with requests 32 for them to push these questions higher, including to, 33 you know, State Department that deals with treaties. 34 So, you're right, it's a different country, and..... 35 36 To change the subject just a little 37 bit, I also want to say something I just noticed. In this E that you were talking about, the last sentence 38 39 says with an emphasis on Canadian-origin stocks, we 40 can't -- through our program we don't fund projects in 41 Canada. So I think what they're saying is that, you 42 know, after the Eagle River sonar those fish have been 43 determined to be Canadian in origin fish, or actually, 44 you know, right about the Tanana that most of those 45 fish are Canadian-origin fish. So it's to get a handle 46 on what is the quality of the fish going over the 47 border, but not actually doing work in Canada. 48 49 I would like to ask some of our 50

0223 1 leadership Staff, like Robbin La Vine, if she has a better answer about where comments and questions from 2 3 the Councils about where comments and questions from 4 the Councils about what's happening in Canada that are 5 affecting salmon stocks, where those comments are best 6 put? 7 8 MS. LAVINE: Thank you, Mr. Chair. This 9 is Robbin LaVine. And I would like to confirm that I --10 the question. So it's my understanding that this Council's very interested in the salmon that you rely 11 12 on that travel the entire length of the Yukon River 13 drainage. And that extends into another country, 14 another nation. So that's Canada. And you are asking 15 where your comments might best be directed relative to 16 your concern. 17 18 MS. KENNER: And he says that they've 19 been directed to go to the State Department with their 20 comments. 21 22 MS. LAVINE: I'm thinking. This is 23 Robbin, and I'm thinking, so anybody listening on line, 24 there's a pause. And I imagine that if you've been --25 suggested that you go to the State Department, that 26 might be one place to go, but I also think that the 27 Federal Subsistence Board in their capacity and in 28 their capacity as updating and acting in the authority 29 of the Secretaries is also a good place to go, so there 30 may be multiple channels for your concerns to travel. 31 32 And I'm going to pause for a moment 33 because Gerald is here and he may also have more 34 specific information. 35 36 Thank you, Mr. Chair. 37 38 MR. MASCHMANN: Chair and Council 39 Members. I don't think it would be inappropriate if the Council, you know, sent a letter directly to the 40 41 Yukon River Panel expressing those concerns. And I 42 know that panel members -- there's members from your 43 community or near your community, fishermen who are on 44 that panel as well as alternates and advisors. And I do know that they are also concerned with what's going 45 46 on in Canada. So that's another avenue. It's, you 47 know, writing a letter directly to the Yukon River 48 Panel, or if you know someone in your community or near 49 your community who's on that panel is, you know, 50

0224 1 talking to them directly and say, hey, we're -- our Regional Advisory Council is concerned about, for 2 3 example, mining up in Canada, can you make sure that 4 you are bringing that up at the next Yukon River Panel. 5 6 ACTING CHAIR NANENG: Okay. Thank you. 7 Any more questions. The question's been called? 8 9 MS. ROGERS: Mr. Chair. 10 11 ACTING CHAIR NANENG: Yeah, go ahead. 12 13 MS. ROGERS: Yeah, if we -- if no one 14 has called the question, I was going to call the 15 question. 16 17 ACTING CHAIR NANENG: Okay. I'll ask 18 for unanimous consent. Is there any objections. Any 19 objections. Any objections. 20 21 (No objections) 22 23 ACTING CHAIR NANENG: You've got your 24 working orders. It's been approved. 25 26 MS. KENNER: (Indiscernible - mic off) 27 ACTING CHAIR NANENG: Yes. 28 29 30 MS. ROGERS: Mr. Chair. 31 32 ACTING CHAIR NANENG: Yes, go ahead. 33 34 MS. ROGERS: Can I also go ahead and put 35 a motion on the floor that we -- the Yukon-Kuskokwim River write a letter to the Yukon River Panel in 36 37 regards to the concerns of Mr. Landlord and include 38 Norma Evan and Thomas Alstrom and Raymond Oney who are 39 on the Yukon Panel on this RAC in regards to discussing 40 their concerns in regards to the mining, the dams and 41 any other information that we need to get a letter to 42 the correct people so we can make sure that our Yukon 43 fellowship is also advocating on their behalf. 44 45 Thank you, Mr. Chair. 46 47 ACTING CHAIR NANENG: Okay. You've 48 heard the motion. Is there a second. 49 50

0225 1 MR. PETER: Second the motion, Mr. 2 Chairman. 3 4 ACTING CHAIR NANENG: Okay. Second by 5 Phillip. Any further discussion on the motion. 6 7 (No comments) 8 9 MR. PETER: Question. 10 11 ACTING CHAIR NANENG: Question's been 12 called. Ask for unanimous consent. Any objection. 13 Any objection. Any objection. 14 15 (No objections) 16 17 ACTING CHAIR NANENG: No objections, so 18 it's unanimous. Okay. Go ahead, Brooke. 19 20 MS. MCDAVID: Thank you, Mr. Chair. I 21 just wanted to let Mr. Landlord know that I'll follow 22 up with you after the meeting so we can talk a little 23 more about your concerns about the dam in Canada and we 24 can draft the letter. 25 26 And also I wanted to clarify for Pippa 27 that the motion that was just made to approve or support the PENs, Mrs. Rogers made that for both the 28 29 Yukon and the Kuskokwim PENs. 30 31 Thank you. 32 33 ACTING CHAIR NANENG: Okay. Do you have 34 any more on Item Number E? Okay. 35 36 REPORTER: Mic, please. 37 38 ACTING CHAIR NANENG: We've already 39 taken care of Item F on the.... 40 41 REPORTER: Mic, please. 42 43 ACTING CHAIR NANENG: I forget to 44 remember. We've already taken care of Item F, which is the Partners for Fish Monitoring Program. We've 45 46 already taken care of the Joint North American Workshop 47 on Ungulate Conference. Now we're down to Item Number 48 н. 49 50

0226 1 And I know people are hungry so I'll 2 give you 20 minutes to eat your lunch. We're not in the military, but that's how much time they give them. 3 4 5 (Off record) 6 7 (On record) 8 9 ACTING CHAIR NANENG: We'll go ahead and 10 call the meeting back to order again. The time now is 11 1:25 or a little there after p.m. 12 13 We'll go down to Item H under new 14 business, excuse me, identifying issues for FY2022 15 Annual Report. So, Brooke. 16 17 MS. MCDAVID: Thank you, Mr. Chair. For 18 the record this is Brooke McDavid, Council Coordinator. 19 So it's time for the Council to decide on what issues 20 to include in you FY 22 Annual Report. Guidelines for 21 the annual report can be found on Page 224 of your 22 meeting books. This is an action item. 23 24 ANILCA established the annual report as 25 a way for Councils to inform the Federal Subsistence 26 Board of regional subsistence uses and needs and to 27 provide recommendations for regional fish and wildlife 28 manage strategies, policies, standards, guidelines and 29 proposed regulations. Your annual report ensures the 30 Board has the most up-to-date awareness of issues, 31 concerns and current events that impact your 32 subsistence way of life. With your report and 33 recommendations, the Board can make informed decisions 34 on regulatory and policy actions. 35 36 After this meeting is over I will draft 37 the draft annual report based on the topics discussed 38 and you'll get a chance to review your draft annual 39 report at the winter meeting, so the next meeting. 40 41 So I guess on Page 225 of your meeting 42 books there's some guidelines for the format of the 43 report, and I basically wanted to point out there's 44 kind of two main types of things you can include in your report. You can let the Board know about concerns 45 46 you have for different issues, and that's more of just 47 raising awareness of those concerns and letting the 48 Board know about it. Another type of item may be if 49 there is some sort of action that you're requesting of 50

0227 1 the Board that you would like a Board response to. So those are two different types of things you might want 2 to think about when you're discussing annual report 3 4 topics. 5 6 And so now with Mr. Chair's permission 7 we could open it up to discussion of annual report 8 topics. 9 10 Thank you. 11 12 ACTING CHAIR NANENG: Okay. Any 13 comments from the Council Members. 14 15 MS. ROGERS: Mr. Chair. 16 17 ACTING CHAIR NANENG: Yeah, go ahead, 18 Alissa. 19 20 MS. ROGERS: In light of our agenda and 21 not being able to hear the rest of our agency reports 22 and finding out what ideas and things that we may have 23 on hand, I'd like to move this item agenda towards the 24 end of the meeting after we had heard and ingested all 25 of the information that needs to be fed to us before we 26 decide on what we want to -- what our end report of the 27 meeting to our Federal Subsistence Board. 28 29 Thank you, Mr. Chair. 30 31 ACTING CHAIR NANENG: Okay. If there's 32 no objections, we'll move this agenda item further down 33 after we hear reports from other agencies. It's after 34 the last item? After the reports? 35 36 MS. ROGERS: After the agency reports. 37 38 ACTING CHAIR NANENG: After the agency 39 reports. 40 41 MS. ROGERS: Yeah, it will be before 42 future meeting dates. 43 44 ACTING CHAIR NANENG: Uh-huh. Okay. 45 Any objections. 46 47 (No comments) 48 49 ACTING CHAIR NANENG: Any objections. 50

0228 1 (No comments) 2 3 ACTING CHAIR NANENG: Any objections. 4 5 (No objections) 6 7 ACTING CHAIR NANENG: No objections. 8 We'll go on to the next item, Item I. 9 10 MS. MCDAVID: Thank you, Mr. Chair. So 11 for this agenda item, it just serves as an announcement 12 about the fall 2022 Council application and nominations 13 season. Or the open season. So there is a news 14 release on Page 226 of your meeting books. This is not 15 an action item. It's just to let Council Members and 16 members of the public know that we are currently 17 accepting applications and nominations for all 10 18 Subsistence Regional Advisory Councils. The 19 application period is open through February 21st, 2023. 20 21 And just a reminder, Council Members 22 typically serve three-year terms before having to 23 reapply. There are five members of your Council that 24 will have their terms expiring next year and I've given 25 each of you an incumbent application. So if you could 26 either please fill that out and pass it back to me by 27 the end of the day or make sure -- I'll be following up 28 with you after the meeting to make sure we get those if 29 you -- in time for the deadline if you would like to 30 reapply. 31 32 For members of the public there are 33 applications on the back table. Please feel free to 34 take one even if you don't want to apply yourself. We 35 would prefer not to take those back with us. Pass them 36 out. We can probably leave them with the refuge for 37 people to pick up, but, yeah, we want to make sure that 38 as many people as possible have a chance to apply to 39 serve on the Council so we have good representation 40 across the region. 41 42 So that's all I had for that. Just 43 remember that date, February 21st to get your 44 applications in. 45 46 Thank you. 47 48 ACTING CHAIR NANENG: Okay. Quyana, 49 Brooke. Now we're down to item J, elect Council Member 50

0229 1 to represent YKDelta Regional Advisory Council on wood 2 bison planning team. Any volunteers? 3 4 MS. ROGERS: Thank you, Mr. Chair. 5 Really quick on that, I think if Mr. Ray Oney is up for 6 it, I would see if he can go ahead then, because he's 7 really passionate about the wood bison and they don't --8 I see it fit that Mr. Oney would be out 9 representative. 10 11 ACTING CHAIR NANENG: Any objections for 12 -- you got a comment? Any objections from Council 13 Members regarding that? 14 15 (No objections) 16 17 ACTING CHAIR NANENG: One good thing 18 about being not here is that you get nominated for 19 positions that you don't think you'll ever be in. So I 20 support that. 21 (Laughter) 22 23 24 ACTING CHAIR NANENG: Yes, go ahead. 25 26 MS. MCDAVID: Mr. Chair. If it would be possible, it would be great to nominate probably at 27 28 least two other alternates just in case -- because the 29 planning meetings for the wood bison planning team only 30 come up every several years, and as you know over time 31 membership on the Council might change. So what we 32 found, they just had a planning meeting and a member of 33 our Council -- we didn't have a representative because 34 that person who was selected no longer serves on this 35 Council, so it's really good to have a couple of 36 alternatives as backups on the record. 37 38 Additionally for your information, we 39 do have a member -- or a Staff member from Fish and Game who wanted to give a brief update about the recent 40 41 wood bison planning meeting. If that would be okay, we 42 can see if he's on the line. 43 44 ACTING CHAIR NANENG: Yes. Is there 45 someone from Fish and Game. 46 47 MS. MCDAVID: Luke, were you able to 48 call in yet? 49 50

0230 1 (No comments) 2 3 MS. MCDAVID: Perhaps, Mr. Chair, we 4 could move on to maybe nominating some alternates and 5 see if he has another minute or two to call in. 6 Thanks. 7 8 ACTING CHAIR NANENG: Maybe I'll ask for 9 volunteers first. Any of you want to serve on the..... 10 11 MR. PARKS: Mr. Chairman. 12 13 ACTING CHAIR NANENG: .....as 14 alternates? Go ahead. 15 16 MR. PARKS: (In Yup'ik) Or John. John. 17 18 ACTING CHAIR NANENG: John, you're 19 volunteered. This is to watch four-legged animals that 20 you love to hunt. (In Yup'ik) 21 22 MR. ANDREW: (In Yup'ik) 23 24 REPORTER: John, use your mic, please. 25 Your mic. Thank you. 26 27 MR. ANDREW: Thank you, Mr. Chair. I'll 28 probably have to have (ph) the applications. I've got 29 some hospital appointment over in Anchorage. 30 31 MS. MCDAVID: Mr. Chair. I have a 32 suggestion. Hold on, please. 33 34 REPORTER: Please mute your phone on the 35 teleconference unless you're addressing the Council. 36 Thank you. 37 38 MS. MCDAVID: Or I quess it's not a 39 suggestion. Sorry. I just wanted to give you some 40 information and then you can do with that what you 41 will. 42 43 Previously to this meeting when I spoke 44 to Wassilly Alexie, he was interested. He's not able to call or attend this meeting because of a death in 45 46 his family, but he might -- it might be worth treating 47 him as an alternate. 48 49 MS. ROGERS: Yeah, let's do it. 50

ACTING CHAIR NANENG: We can ask him. And once again, being absent you're appointed to something that you don't know about. So we'll go ahead and support that, too. (In Yup'ik) MR. PARKS: Yeah, (in Yup'ik) ACTING CHAIR NANENG: Okay. Yeah, we've got two of them. So one designated and two alternates. MS. MCDAVID: Thank you, Mr. Chair. Luke Rogers, were you able to call in to the teleconference? MR. ROGERS: Yes, I'm here now. MS. MCDAVID: Thank you. One moment, we're trying to adjust the sound in the room. Could you state your name again? MR. ROGERS: Yes, this is Luke Rogers with the wood bison restoration project, part of Fish and Game here in Fairbanks. Can you hear me all right? MS. MCDAVID: Try again. MR. ROGERS: This is Luke Rogers with Fish and Game, part of the wood bison restoration project. REPORTER: Luke, could you get a little closer to the mic and speak a little louder, please? MR. ROGERS: Yes. This is Luke Rogers with Fish and Game. Can you hear me all right now? REPORTER: That's fine. Thank you. MS. MCDAVID: Thank you, Luke. We're having some.... MR. ROGERS: Excellent. MS. MCDAVID: ....audio trouble in the room, so as loud as you can speak would be very nice. Thank you. 

0232 1 We're ready for you to give us an 2 update about wood bison. Thank you. 3 4 MR. ROGERS: All right. Yeah. So my 5 name is Luke Rogers. I am with Fish and Game here in 6 Fairbanks, part of the wood bison restoration project. 7 I am the wildlife technician under the current biologist, Tom Seaton who is unable to attend today, 8 9 but I appreciate you all giving me the opportunity to 10 speak for the project. 11 12 I hope you're all doing well and 13 enjoying the meeting and getting some good discussion 14 done. Right here in Fairbanks right now it's six 15 degrees, I mean cool. I'm standing outside on an ice rink, so I'm not sure what the conditions are like in 16 17 Bethel, but if it's starting to become winter there I 18 hope everyone is ready for winter and prepared and 19 going to stay warm this winter. 20 21 I was invited here by the coordinator, 22 Brooke McDavid, to speak and give a short update on the 23 wood bison restoration project. Thank you, Brooke, for 24 allowing that. 25 26 So as far as an update for the wood 27 bison project, I quess I'll start at the beginning for 28 any folks who might not be familiar with it. The wood 29 bison restoration project is a program from the Alaska 30 Department of Fish and Game which is seeking to restore 31 wood bison, a historically native species from Alaska, 32 in areas of the state that are interested and have the 33 social license to do so and the biology to support the 34 establishment of the herd. 35 36 Currently there is one bison herd in 37 the Innoko Flats which is slightly upriver of the Yukon 38 delta near the villages of Holy Cross, Shageluk, Anvik 39 and Grayling, in the GASH area. That herd was 40 established in 2015 with 130 bison that were flown in 41 and barged down the Yukon. 42 43 One of the more recent updates for the 44 herd is that this summer you may have heard that we released an additional 28 yearling bison which we 45 46 received from a national park in Canada this spring in 47 the Innoko Wilderness with the rest of the herd, and we 48 did so by building what is called a soft release pen in 49 which we held the yearlings for a period of two to 50

1 three weeks in a make-shift fenced pen that was built with the help from locals in the communities of Holy 2 3 Cross and Shageluk. We built that pen and held the 4 bison in it for around two weeks to allow them to adjust to their habitat and become accustomed to their 5 new area and connect with the local bison. And it was 6 7 exciting to see a local bull bison come and visit the pen and interact with the yearlings who showed great 8 9 affinity towards that local bull bison. 10 11 We released the bison and are happy to 12 say that the 28 yearlings have integrated with the 13 herd. That is the update from this summer. 14 15 As far as the current population 16 stands, we don't have a perfect idea, but we are 17 looking to do a photo census this next month. We 18 attempted to do one in October but the conditions 19 didn't provide the best estimate. Our current quess is 20 it's somewhere in the 150 range, 150 to 160 bisons. 21 That the current population with the admission of those 22 28 yearlings this summer. 23 24 In other news, we were able to hold a 25 planning meeting here in Fairbanks in which we invited 26 all of the representatives from the planning team 27 organizations which include the local landholders such 28 as BLM, Native corporations, as well as tribal 29 councils, non-profit organizations, hunting groups, and 30 the state and Federal governments. 31 32 The Yukon Delta Regional Advisory 33 Council is one of those planning team organizations, 34 but unfortunately we were not able to have a 35 representative this time, because there is not one 36 designated yet. So my hope is that one of the orders 37 of business for you, it may have already happened, is 38 that you will be able to determine who could be a 39 representative and/or an alternative representative for 40 the Council to attend our future meetings for the 41 Innoko wood bison herd. Your voice is really important 42 to us and our planning team and we appreciate you 43 taking the time to consider it. 44 45 And then thanks again for letting me 46 speak today on behalf of Fish and Game with bison 47 project. At this time if you have any questions, I'd 48 be happy to field some of those for you. 49 50

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0234 1 ACTING CHAIR NANENG: Any questions. Go 2 ahead, Alissa. 3 4 MS. ROGERS: Thank you, Mr. Chair. 5 Through the Chair. Thank you for your presentation, 6 Mr. Rogers. I was wondering if you have any updates or 7 any plans or any type of ideas of when we would get an update for the YKDelta area in regards to getting a new 8 9 herd re-established for wood bison, since our last 10 update of our wood bison that was put in -- we haven't 11 heard an update from it since -- as far as I know, the 12 last time I believe we had like maybe three or five 13 left that I heard. Do you have any update for us for 14 the wood bison in our area? 15 16 MR. ROGERS: Yes. Thank you for your 17 question, I appreciate it. As far as wood bison in the 18 Yukon Delta area I am familiar with a geo (ph), we call 19 them disburser or individuals going on exploratory 20 forays, being that they leave the main herd, which is 21 in that Innoko Flats area, for periods of a few weeks 22 to a few months to explore new territory. And part of 23 that has been going down the Yukon River actually 24 making its way over towards the Kuskokwim as well. 25 26 The one that I'm speaking of right now 27 was a cow that was in very good health and doing well and exploring new habitat near the Quinhagak area. 28 29 Unfortunately that cow which did that foray back close 30 to the release in 2015 was illegally shot unfortunately 31 and we have not since seen a lot of data from our radio 32 locations on the herd of other individuals exploring 33 down into that area. 34 35 That's not to say that that won't 36 happen in the future, but as it stands in the seven 37 years that the herd has been established, we've only 38 had a few and that one specific one is the one that I'm 39 familiar with (indiscernible - audio break up) now. 40 41 In regards to the possibility of 42 establishing a new herd in the area, we are certainly 43 interested in hearing from local villages and other 44 groups that are interested in possibly establishing a 45 bison herd in their area. And if you are interested in 46 doing that, then I would encourage people to contact 47 myself and Tom Seaton. And Brooke McDavid should have 48 a few information cards that has our emails on there, 49 but it is my first and last name, luke.rogers R-O-G-E-50

0235 1 R-S, number 2@alaska.gov if you'd like to reach out to me with any more inquiries about the possibility of 2 3 establishing a bison herd in your area. Did that 4 answer your question? 5 6 MS. ROGERS: Yes, thank you, Mr. Rogers. 7 8 ACTING CHAIR NANENG: Thank you. Any 9 other questions -- James. 10 11 MR. LANDLORD: Yes. I have -- Luke, I 12 have a text message forward to Mountain, want to know 13 how was the roaming range of the bison. 14 15 MS. MCDAVID: Luke, did you hear the 16 question? We had a question from Council Member. 17 18 MR. ROGERS: I couldn't hear it, it was 19 muffled. Could you please repeat it for me? 20 21 MS. MCDAVID: Sure, no problem. We have 22 a Council Member from Mountain Village on the Yukon and 23 he received a question from someone in the community if 24 you could I guess talk about the current range of..... 25 26 MR. LANDLORD: The roaming range. 27 28 MS. MCDAVID: The roaming range, how far 29 that extends maybe and especially of interest towards 30 Mountain Village. Thank you. 31 32 MR. ROGERS: Sure. That's a great 33 question and thank you for that question. As far as 34 the range of the herd, we kind of use different metrics for that. One is the core home range, which is 90 35 36 percent of the locations of all animals or more. It's 37 actually more like 95 or 99 percent. And those 38 locations are determined off of GPS collars that we 39 have fitted on some, but not all, of the bison in the 40 herd. Currently it's about 40 collars out of the 150 41 estimate that we have. And so the core range of the 42 animals basically extended from the Innoko Flats near 43 the villages of Grayling and Shageluk in the north and 44 the southern end of that range, which is generally a winter range, goes down towards Paimiut Slough and Holy 45 46 Cross and Reindeer Lake. I'm not sure if you're 47 familiar with those areas, but that is the core home 48 range where we see 99 percent of the locations of the 49 bison that have GPS collars on. 50

0236 1 What I was explaining previously is that some bison go on what are called exploratory 2 3 forays in which they go away from the herd as 4 individuals or small groups. Generally what we've seen 5 is one to two individuals, but sometimes it can be 6 larger groups. Those animals will go long distances 7 like the one I described that went all the way to 8 Quinhagak. 9 10 As far as going down the Yukon towards 11 I believe it was Pilot Station or Mountain Village was the community that you described, I'm not personally 12 13 aware of any disburser or forays that have gone towards 14 that area, but that's not to say that it couldn't 15 possibly be a bison that is uncollared that may have 16 gone that way. So if you ever hear from anyone that has said that they've seen bison down in your area, we 17 18 would also love to hear about that as well. That would 19 be valuable information for us and you can contact us 20 about that. And we'll even provide an incentive like a 21 hat from the project or something like that for your 22 time. 23 24 As far as the northern disburser or 25 exploratory forays, we have seen som that have gone up 26 towards Galena and even further. Currently there is 27 one cow in the northernmost area that is near Kaltaq, 28 but she is a lone cow without any other animals with 29 her. One animal went all the way up towards Kobuk 30 Village and another went to the Brooks Range. 31 Unfortunately that bull did end up passing away in the 32 Brooks Range. He kind of got caught up there in the 33 winter without suitable habitat through the winter. 34 And so he ended up passing away there. And we haven't 35 seen any other individuals go that far. 36 37 So to our knowledge right now the 38 furthest north is somewhere near the Kaltag area and 39 the furthest south there are no disburser or 40 exploratory forays going outside of the main core range 41 which is near the GASH area and Innoko Flats. 42 43 MR. LANDLORD: Yes, Mr. Chairman. Stan 44 Sheppard would like to ask Luke a question from 45 Mountain. 46 47 ACTING CHAIR NANENG: Is he on the 48 phone? 49 50

0237 1 MR. LANDLORD: Yeah. 2 3 ACTING CHAIR NANENG: Stan, go ahead, 4 ask the question. 5 6 MS. MCDAVID: Luke, it sounded like we 7 have a member of the public who's on the phone who 8 might want to ask you a question. 9 10 Stan, are you on line? 11 12 (No comments) 13 14 MS. MCDAVID: If you're trying to 15 speak, you might be muted. 16 17 MR. SHEPPARD: Yes. Yes, I finally 18 turned off mute. Thank you, Mr. Chair. Through the 19 Chair. Luke, wood bison coming down slowly, give or 20 take under 10 years, that possibility might come to 21 reality. What would be the mixture of the bison and 22 moose grazing area? Like the grazing area down here 23 for the moose, I think it was last counted after the 24 moratorium, '95, the moose population is up to in the 25 40,000 range, and the vegetations out here along the 26 Yukon River, especially down river, it's like somebody 27 took a lawnmower mowed the willows. That would be my 28 concern, the vegetation for both bison and the moose. 29 30 Thank you, Mr. Chairman. 31 32 MR. ROGERS: Yeah, absolutely. Thank 33 you for bringing up your question and concern. That's certainly a reasonable one to bring up as we wouldn't 34 35 want to be disrupting the moose population there. I 36 know that many folks in the area rely on moose as a 37 meat for subsistence purposes. 38 39 What I can say is that in our 40 experience with bison, specifically with bison, but you 41 can also see this throughout the state in areas where 42 we currently have plains bison herds such as Delta 43 Junction and Farewell as well as the Copper River, that 44 bison and moose have different preferred species to 45 eat. As you mentioned, moose like to eat those shrubby 46 willows and small trees, whereas bison generally graze 47 on grass and sedge that you would find on the river --48 on river and/or lake habitats, the edge of those. So 49 the nice think about that is that they aren't 50

0238 1 overlapping in their diet very much, and therefore they're not disrupting one another's habitat. There is 2 3 some diet overlap at short points in the year between 4 moose and bison, but it's not a significant percentage 5 of the diet of bison that takes up the preferred 6 species of moose. 7 8 And what I will say also, if you are 9 concerned about the possibility of moose habitat being 10 lost and losing moose population numbers due to bison 11 in your area, that if we look at the area such as 12 Farewell and Delta Junction, those have large bison 13 herds in the hundreds as well as some of the premier 14 hunting for moose populations as well. 15 16 And in my personal experience having 17 spent over a month and a half in the Innoko this 18 summer, I spent a lot of time around bison and very 19 frequently you would see moose in the same area doing 20 their own thing and bison doing their own thing. 21 They're not spending time being aggressive towards each 22 other and they often occupy very similar habitats very 23 close by without disrupting one another. 24 25 I hope that answers your question. 26 27 MR. SHEPPARD: Through the Chair, 28 Stanislaus Sheppard. Thank you very much. That was 29 just one of my concerns and with this trend in weather 30 we're having we might be getting more and more snow 31 every years covering the grass if you say that's their 32 main diet food. Thank you very much, sir. 33 34 MR. ROGERS: Yeah, absolutely. And if I 35 may answer that real quick. We have found in the 36 Innoko population that snow is not actually the main 37 issue for the bison. It's those cycles where the rain comes in and freezes the ground and makes some of the 38 39 habitat unaccessible to the bison. And we've had that 40 a few times. As I'm sure you're aware, there's been a few winters, like 2018 and 2020 to a lesser degree in 41 42 the last seven years, that there's been kind of those 43 warming cycles where a lot of freezing has fallen. And 44 that has been one of the limiting factors for the 45 bison. But deep snow years and years where it's warm 46 enough where most of the snow melts, either of those 47 situations are actually pretty beneficial for bison, 48 and they have no problem using their big head to scoop 49 the snow out of the way so that they can access that 50

0239 1 vegetation. 2 3 So like you're saying with the changing 4 climate, it's hard to predict exactly what's going to 5 happen in the area, but we are believing that there is 6 a good likelihood that it will either go towards more 7 warm, snow-free winters or periods with less snow, or 8 hopefully having some days where -- some years that is where it's more snow and less rain. And either of 9 10 those situations would be beneficial for bison and I'm 11 sure for other populations like moose as well. 12 13 But that's a great concern to bring up. 14 I appreciate it once again. 15 16 MR. SHEPPARD: Through the Chair. Thank 17 you very much, Luke. 18 19 ACTING CHAIR NANENG: Quyana. Stan. 20 Any.... 21 22 MR. LUPI: Adolph Lupi from Tuntutuliak. 23 24 ACTING CHAIR NANENG: Who's that? 25 26 MS. MCDAVID: Adolph. 27 28 ACTING CHAIR NANENG: Adolph, (in 29 Yup'ik) go ahead. 30 31 MR. LUPI: Okay. I know from your 32 report that the bisons are well protective and there's 33 educations around there. And they're not ready for 34 hunting yet. What are the consequences for illegal 35 hunting? 36 37 MR. ROGERS: Thank you for you question, 38 and, yes, you are correct that the herd has not reached 39 a population yet that the planning team, which is made 40 up of organizations like the government and the local 41 Native tribes and corporations as well as hunting 42 organizations, has decided that they would like the 43 herd to grow to a larger level that would be able to 44 sustain a larger harvest at the moment, and that is 45 what they decided in the most recent planning meeting 46 here last month. So you are corrected that we are 47 currently not having hunting on the population and 48 letting it grow. 49 50

0240 1 We have had I believe it is three bison 2 illegally harvested since the inception. And the 3 consequences for hunting them, obviously it varies for 4 each specific situation and what caused it. Was it a 5 planned attempt, they knew it was a bison and they 6 purposely went to go harvest it? That might be judged 7 by the authorities more severely than, for example, the gentleman who actually shot one in Quinhagak, wasn't 8 9 familiar with the species and wasn't entirely sure what 10 he was shooting at at the time. And so while there are 11 certainly consequences, it varies for each situation. 12 So I can't say specifically what the consequences would 13 be if you harvested one illegally. It would be up to 14 the authorities and the situation that played at hand. 15 16 ACTING CHAIR NANENG: Okay. Thank you. 17 18 MR. LUPI: Quyana. 19 20 ACTING CHAIR NANENG: Any more 21 questions. 22 23 (No comments) 24 25 ACTING CHAIR NANENG: Go ahead. 26 27 MS. MCDAVID: Mr. Chair. I just wanted 28 to make a comment for Luke. Before we heard your 29 update, the Council did nominate some folks for the 30 planning team. We have a nomination for Ray Oney to be 31 the main representative, two alternates, Phillip Peter 32 and Wassilly Alexie. And I'll follow up with you after 33 the meeting to make sure you have their information. 34 35 Thank you. 36 37 MR. ROGERS: Great. I'm glad to hear 38 that. Thank you for taking the time to do that. Like 39 I said before it is important that your Regional Advisory Council has a voice in the planning process 40 41 and I apologize that you weren't able to have a 42 representative this time. I will be sure to share the 43 final management plan with you, Brooke, and make sure 44 that you get it out to the rest of the Council as well 45 as share it with the new chosen representatives. So 46 thanks again for taking the time to do that and we look 47 forward to working with you in the future. 48 49 ACTING CHAIR NANENG: Okay. Quyana. Ιf 50

0241 1 there's no more questions, we can go on to the next item. We can take a break for a moment for your -- with 2 3 technical.... 4 5 MS. FITKA: One minute. We don't have 6 to take a break, just take one minute. 7 8 ACTING CHAIR NANENG: Okay. One minute. 9 10 MS. CLEVELAND: 60 seconds, no cheating. 11 12 ACTING CHAIR NANENG: Are we on? 13 14 MS. FITKA: We are on. Does that sound 15 better? 16 17 ACTING CHAIR NANENG: Yes. 18 19 MS. FITKA: Okay. 20 21 ACTING CHAIR NANENG: Before we get on 22 to the state Board of Fisheries proposals, I'd like to 23 ask the representatives of the Yukon River Drainage 24 Fishery Association to make a report, because I know 25 that some of the proposals from the state will have an 26 impact on some of their work. 27 28 MS. FITKA: Good afternoon, Chairman and 29 Council Members. Thank you for the opportunity to 30 present to the Yukon-Kuskokwim Delta Regional Advisory 31 Council. I'm pleased to represent the Yukon River 32 Drainage Fisheries Association. My name is Serena 33 Fitka, executive director of the organization. 34 35 I'd like to have my employees introduce 36 themselves. 37 38 MS. MONCRIEFF: Hi, My name is 39 Catherine Moncrieff and I'm the Staff Anthropologist 40 for the Yukon River Drainage Fisheries Association. 41 42 MS. CANFIELD: Hello. My name is Gabe 43 Canfield, I am the Project Coordinator for YRDFA. 44 45 MS. FITKA: I'd like to bring your 46 attention to our report in your booklet on Page 227. 47 We would like to provide you with brief updates on our 48 activities and key accomplishments since we last met. 49 50

0242 1 Our Board met on March 22nd and 23rd in Anchorage, and our next Board meeting will be in 2023 2 and is tentatively scheduled for April 17th and 18th in 3 4 Fairbanks. We will have five Board Member seats up for 5 election and five alternates, so please encourage your 6 people in your communities to self-nominate or your 7 tribes to submit nominations. 8 9 We will be having a special meeting and 10 that will be scheduled in a couple weeks to go over 11 Board of Fish proposals. It is tentatively set for 12 November 9th and this will be for (indiscernible) 13 meeting. 14 15 Our Yukon River salmon summer preseason 16 preparation meeting was held in Anchorage on March 17 24th. This was our first in-person preseason meeting 18 since 2019. We had approximately 80 people in person 19 and 50 online participants. With the high number of 20 participants we put the agenda aside to listen to the 21 people's concerns as we went around the room. It was a 22 very successful meeting. 23 24 Our 2023 Yukon River preseason meeting 25 will be held in Fairbanks and this will be a two-day 26 meeting, and that is tentatively scheduled for April 27 19th and 20th. 28 29 For the fishery disaster update, as you 30 heard, NOAA has allocated about 55 million to the 31 salmon fishery disasters in Alaska, and on September 32 22nd the state of Alaska opened up for public comment 33 on the spend plan. YRDFA did submit comments. We can 34 provide that letter if your Council wishes. The 35 deadline for comments was October 6th. 36 37 Some of our comments included we wanted 38 a reason for the combination of -- or combining the 39 Yukon River and the Kuskokwim River in the years 2020 and 2021. We just wanted to make sure that these two 40 41 rivers were different. They have different number of 42 communities. Kuskokwim had opportunities to 43 subsistence fish whereas the Yukon River communities 44 did not. 45 46 We also disagreed with the formula for 47 the distribution of the subsistence allocations by 48 shares and also the income guidelines. We felt that 49 ever person that lives in a rural community along the 50

0243 1 Yukon River does subsistence fish, so we didn't feel the income guidelines were necessary. 2 3 4 We need to continue to work with our 5 delegation to strengthen our subsistence priority in 6 MSA, Magnuson-Stevens Act, to better serve our people 7 who continue to receive the shorter end of the stick. 8 9 Our teleconferences, our in-season 10 salmon management teleconferences that are funded by 11 FRMP are in your report with the number of participants 12 and how long each call lasted. Usually about a month 13 before the teleconferences start we mail two posters to 14 every community and first (ph) stations on the Yukon 15 River. We also use the radio, too, for announcements along with our website and social media to remind 16 17 people of the teleconferences each week. 18 19 I want to acknowledge our challenges 20 which currently include the lack of participation. 21 Listening to the dismal news each week took a toll on 22 the mental health of our people. And I understand that 23 people do not want to share information while on the 24 call. Taking into the current situation included 25 special presentations on topics we heard arise from 26 previous calls. I want to emphasize that the 27 teleconference calls are still a useful platform for 28 people to talk and I encourage future participation on 29 the Yukon River. 30 31 I'll move on to some work we've been 32 doing in the Area M. We've been working closely with 33 Bering Sea Fishermen's Association. We did submit a 34 letter along with 15 other organizations in western 35 Alaska to the Area M Seiners Association asking them to 36 voluntarily stand down because of the low runs in 37 western Alaska. We did receive a letter back from them 38 saying that the research that we provided them was not 39 right and that they will ask their fishermen to stand 40 down. 41 42 Then we did submit a joint letter with 43 YRDFA and Bering Sea Fishermen's Association to the 44 Commissioner asking for him to use his authority to submit an emergency order to stop -- or regulate the 45 46 fisheries in the Area M more stringent. And we did not 47 get a response directly from him. 48 49 So we did move to ask for a meeting 50

with the Governor and that took place on August 29th 1 and I believe the details are in the report. We did 2 3 request a second meeting, and that actually we got a 4 response yesterday, and that is scheduled for November 5 15th at 8:30, and this meeting will be with the 15 organizations that we've been working with. We've been 6 7 having calls every other week, kind of getting a plan together, a plan of action, what -- everything that's 8 9 being done around Area M. So I think just coming 10 together, making sure that people are informed of 11 what's going on, that we'll continue to make sure 12 everyone's being informed of our activities. 13 14 MS. ROGERS: Sorry, Serena. Mr. Chair. 15 Can I get a silence on the phone, please. 16 17 MS. MCDAVID: If you're on the phone for 18 the teleconference, could you please mute your phones. 19 Star-6 or the mute button on your phone. We're getting 20 feedback. Thank you. 21 22 MS. FITKA: Yeah. And I'll go ahead 23 turn it over to Catherine to give some updates on other 24 projects. 25 26 MS. MONCRIEFF: Okay. Good afternoon 27 again. For the record this is Catherine Moncrieff. I want to update you on a few of our projects, and I'll 28 29 start with the FRMP-funded projects. And the first one 30 is our in-season subsistence salmon survey program, and 31 this is also included in your supplemental packets, 32 with a report and results from the final interviews of 33 2022. 34 35 Some highlights from this season 36 includes starting out with a hybrid training in March 37 in Anchorage with some surveyors in person and some on line. And this was followed by another challenging 38 39 summer with surveyors attempting to collect information 40 from fishers who were unable to fish. Through the 41 final interviews we learned that the impact of Covid 19 42 was greatly reduced this year, but some participants in 43 almost every community felt some impact or just stayed 44 isolated from others. We also learned that participants were again not to harvest enough fish for 45 46 the winter. Our surveyors informed us that it would be 47 easier to do their job if people could fish and wanted 48 to participate in the survey. They said some people 49 were reluctant to give information, afraid they would 50

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0245 1 be shut down or restricted from any kind of fishing. We are learning that we need to find new ways to put 2 people at ease with this program. Next steps for this 3 4 project include considering program updates and 5 revisions, and we're bringing Gabe on to help run the project and explore ways to enhance its effectiveness. 6 7 This program is currently funded through the Fisheries Resource Monitoring Program through March of 2024. And 8 9 if you have ideas for changes or about how to improve 10 this program, please contact one of us from YRDFA. 11 12 Next I want to give you an update on a 13 project called local and traditional knowledge of 14 anadromous fish in the Yukon Flats with an emphasis on 15 the Draanjik drainage. This FRMP-funded project has 16 ended since your last meeting and we do have a final 17 report available in electronic form. In this project 18 YRDFA partnered with the communities of Chalkyitsik, 19 Fort Yukon and Venetie and the Tanana Chiefs Conference 20 to update the anadromous waters catalog. We used a 21 combination of traditional knowledge and western 22 science techniques to document anadromous fish and make 23 nominations to the anadromous waters catalog in the 24 following locations. Rearing juvenile Chinook in the 25 Tetthajik and Drifting Snow Creeks, spawning adult and 26 rearing juvenile coho salmon in Ni'inmlii in the 27 Kvenjik Creek drainage, presence of adults and juvenile 28 round whitefish in Kvenjik Creek, Drifting Snow Creek, 29 and the Grayling Fork Black River, and the presences of 30 juvenile Arctic lamprey in Kvenjik Creek, Tetthajik 31 Creek and Grayling Fork Black River. 32 33 Our other projects are covered in your 34 supplemental documents and they include the elders 35 mornings project, its full title is They Told Us 36 There'd Come a Time, conserving fish, preserving 37 tradition on the Yukon River. In this project we'll be holding our third workshop in November to focus on 38 39 learning how to turn our research and recordings into 40 outreach materials. This project goes through March of 41 2024. Our final year will focus on summarizing what we 42 have learned, producing outreach materials and giving 43 presentations about the project. 44 45 Next I want to give you an update on a project funded by the Alaska Sustainable Salmon Fund. 46 47 It's called local and traditional knowledge of 48 anadromous fish in select drainages of the Tanana and 49 Yukon Rivers. This project is a partnership between 50

0246 1 YRDFA and the Alaska Department of Fish and Game, and it has a goal of expanding the documentation of fish 2 3 presence and its life stages on a section of the Yukon 4 and Tanana Rivers. During this past summer the Fish 5 and Game team was out on the river in June, July and September documenting fish presence. We did local and 6 7 traditional knowledge interviews the previous summer to help direct Fish and Game Staff on where they should go 8 9 to find these fish. While they were in the field this 10 summer they were able to document 14 species of fish 11 including Chinook and chum salmon as well as several 12 whitefishes known to be anadromous in the middle Yukon 13 River or lower Tanana River such as least cisco, 14 humpback whitefish, broad whitefish and sheefish. But 15 some of the field work was not -- they weren't able to complete their field work because of fires and other 16 17 weather issues in the area, so we've extended this project for one more year and now it will end in June 18 19 of 2024. This will give us the time to complete the 20 field work and hold community meetings to share the 21 results. 22 23 And then finally I want to tell you 24 about a new project called engaging fishers in Chinook 25 salmon research. This project is funded by the North 26 Pacific Research Board and it will begin January of 27 2023. In this project we'll be partnering with the 28 communities of Alakanuk and Emmonak to conduct 29 interviews about the health of Chinook salmon as they 30 enter the river. This information will help inform our 31 companion project led by Dr. Katie Howard and Vanessa 32 (Indiscernible). We'll also be working with the communities of St. Marys and Huslia to monitor water 33 34 temperatures, conduct carcass surveys and develop a 35 community action plan if there is another heat event 36 that causes a salmon die off in the future. This 37 winter we'll be reaching out to begin our partnerships 38 and this work on this project. 39 40 And now I'd like to hand it off to Gabe 41 to have her tell you about another of our projects. 42 43 MS. CANFIELD: Hi. My name is Gabe 44 Canfield for the record. I will be speaking on the Yukon River clearinghouse project that we have just 45 46 started in July of 2022. This project is called the 47 Yukon River watershed clearinghouse, a culturally 48 responsive (ph) monitoring program. It is in 49 partnership with the Yukon River Inter Tribal Watershed 50

0247 Council. That is YRITWC. 1 2 3 The Yukon River clearinghouse in 4 partnership with the Yukon River Inter Tribal Watershed 5 Council is a culturally-responsive monitoring program 6 that will culminate in a digital clearinghouse where 7 traditional ecological knowledge and scientific materials on the Yukon River will be accessible. For 8 this project we'll be having 10 local hires in 9 10 communities to do water quality monitoring and testing 11 as well as training to do traditional ecological 12 knowledge interviews. This will be released by the 13 local tribes and the job description will be sent 14 officially next week. 15 16 We have a press release on this topic 17 on the table in the back that I can pass out to 18 everyone if you're interested. It is further described 19 also in you supplemental packet. 20 21 More information on our other YRDFA 22 projects and programs are included in your supplemental 23 packets and we would be happy to answer any questions 24 you have about our reports or projects. 25 26 Thank you for the opportunity to attend 27 your meeting and provide this report. 28 29 ACTING CHAIR NANENG: Quyana. Any 30 questions from Council Members. 31 32 MS. ROGERS: Mr. Chair. 33 34 ACTING CHAIR NANENG: Alissa. 35 36 MS. ROGERS: Thank you. Through the 37 Chair. Thank you so much for your presentation. I 38 really appreciate you guys being here in person. It's good to see you guys here. And then also a couple 39 40 questions in regards to the lower Yukon area. In you 41 guys' report, during you guys' meeting, was there a 42 precedence in exactly what specifically was very 43 importantly discussed or high point prioritization as 44 you guys were talking with the folks knowing the fact 45 that they haven't -- sorry -- been able to fish? Do 46 you have specific like insights that we need to know in 47 regards to those meetings and your discussion points 48 during those meetings that we need to know as a 49 council? 50

0248 1 MS. FITKA: Thank you. Through the Chair. During our Board meeting there was some issues 2 3 that were discussed in regards to some concerns on the 4 lower Yukon River and one of them was climate change, 5 and the other was the intercept fishery of Area M. Well, just not being able to fish in general. There 6 7 was discussion about, and I heard it brought it up here on the Council, was since we haven't been able to fish 8 9 for salmon, the impacts that it's making on the non-10 salmon species. There was concerns around the coastal 11 communities, the low numbers of broad whitefish I 12 believe. I'll have to doublecheck on my discussion 13 with one of our board members from Nunam. But that was 14 one of the concerns that they were seeing was the low 15 number of broad whitefish in their area this year. 16 17 ACTING CHAIR NANENG: Any other 18 questions from the Council Members. 19 20 (No comments) 21 22 ACTING CHAIR NANENG: I'll just make a 23 I'm not surprised that whatever studies that comment. 24 you have done regarding Area M fisheries are considered 25 to be wrong. Even the state of Alaska biologists that 26 made studies down there and they've changed the numbers 27 to the point where it benefits Area M fishers when they 28 know that our river system salmon are being impacted by 29 the intercept fishers. And we've gone through that 30 over the years. A couple of years ago they had a 31 commissioner of Fish and Game who worked for East 32 Peninsula Borough which also covers Area M. His 33 biologists and scientists did the study of impacts of 34 salmon that were returning to the river systems, but he 35 got into the politics of it and reduced the numbers to 36 the point where it didn't make sense for the Board of 37 Fish to make any hard decisions to reduce their 38 bycatch. So history, it's still going on today. 39 40 So I thank you for your report and I 41 appreciate the progress that you guys are making, and I 42 know that all the people that are working together on 43 the fisheries have to work together to make their point 44 heard by state of Alaska for sustainable yield of all 45 fisheries. So thank you. 46 47 Any other questions. 48 49 MS. ROGERS: Mr. Chair. 50

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1 2	ACTING CHAIR NANENG: Go ahead.
2 3 4	MS. ROGERS: Thank you. And I really appreciate your guys' report on the I'm going to
5	butcher this, I can't talk anadromous project, yeah.
6	In regards to the species that you guys found, was that
7	like something you guys were expecting or already knew
8	about those fisheries or the fish in those areas
9	that you needed to put on the books in regards to
10 11	protecting those fisheries, or was that a project given by TEK in order to ensure their subsistence rights to
12	those areas?
13	
14	MS. MONCRIEFF: I think that we're very
15	interested in helping the state of Alaska fill out the
16	anadromous waters catalog better because we know that
17	it protects the fish a little bit. At least if we know
18	that they're in that they're known, and there's so
19	much of the state that is unknown, and we've done a
20	series of a few projects now of this type. And we
21 22	always talk to the community first and make sure that
22	they want us to do this kind of project before we start on it. And then starting with the TEK interviews first
24	is so informative because, of course, the people who
25	live in the area know where the fish are already, and
26	so then when the Fish and Game or when the
27	biologists go out, they have a list of I give them a
28	list of what the people have said, and so they probably
29	know, you know, to expect those kinds of fish when they
30	go looking for them. And I think maybe that informed
31	them when to go out to do their sampling so they knew
32 33	which time of the summer to go out. So they I don't think they really told me whether they were expecting
34	to see those fish or not. I guess I didn't ask them
35	that question because I had already heard from the
36	people in the area.
37	1 1 1
38	I hope that answered your question.
39	
40	ACTING CHAIR NANENG: Go ahead.
41	
42	MS. ROGERS: Thank you. That actually
43 44	did. And in regards to the Chinook salmon health
44 45	project in Alakanuk and Emmo, is that still an ongoing or is that wrapped up and you guys have results that
43 46	can be presented?
47	
48	MS. MONCRIEFF: That is a brand new
49	project that hasn't started yet. It will start in
50	

1 January, and we were contacted by Dr. Katie Howard and you saw Serena's presentation. She mentioned they were 2 3 also funded on their companion proposal or project 4 that's parallel to ours, but they asked us to talk to people about specific -- in Alakanuk and Emmonak. 5 And we were going to include Kotlik as well, but they 6 7 already have some TK interviews that are going to be happening, and we're hoping to partner with that 8 researcher to get some of the same questions asked up 9 10 there, but we didn't want to overload them with too 11 many people coming to talk to people. Anyway they 12 asked us to talk to people to see if they had 13 observations of the health of the Chinook as they enter 14 the river that might help them understand what the 15 juvenile -- what the ocean researchers are seeing and their theory about what the fish are eating in the 16 17 ocean and how that's affecting their health as they 18 enter the river. 19 20 So, yeah, like I said, the project 21 hasn't started yet and it will run for three years. 22 We'll do the interviews in the first year, and then 23 we'll come back in the second or third year, I forget, to share the results of what we learned and see if 24 25 there's anything additional that people want to add to 26 what we hear. 27 28 MS. ROGERS: Thank you. 29 30 ACTING CHAIR NANENG: Any more questions 31 from the Council Members. 32 33 (No comments) 34 35 ACTING CHAIR NANENG: If not, Quyana for 36 your report, and any closing comments. 37 38 MS. FITKA: Okay. Quyana for your time. 39 40 ACTING CHAIR NANENG: Okay. Thank you. 41 I think we have a long list of -- the next agenda is 42 the state of Alaska Board of Fish fishery proposals. 43 Go ahead. 44 45 MS. MCDAVID: Mr. Chair. It's up to the 46 Council if there are any Board of Fisheries proposals 47 that you with to comment on. Mr. Chair. Perhaps you 48 would entertain recommendations from other Council 49 Members if there are certain proposals they would like 50

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0251 to discuss and comment on, recognizing that we are 1 short on time. 2 3 4 Thank you. 5 6 ACTING CHAIR NANENG: Are there any 7 suggestions, recommendations from the Council on the 8 proposals that are coming for state of Alaska 9 fisheries. 10 11 Alissa. 12 13 MS. ROGERS: Thank you, Mr. Chair. 14 Through the Chair. We'll go ahead and take a look at a 15 couple proposals because we are short for time. I wish we had more time. We used have three to four days for 16 17 these meetings because our agenda was so long and we 18 talk a lot and we tell stories and back our stories up 19 with facts and things that we talk about, because we're 20 long-gated (ph) people and we tell our history and the 21 things we know before we get to our point, so we talk a 22 lot. So our meetings used to be three to four days 23 until the budget cut happened and now our meetings are 24 pushed into one to two-day meetings which is hard 25 because no one wants to work until midnight, right? By 26 the time we hit 5:00, 6:00 o'clock in the evening our 27 brains are fried. So that is one thing that is to 28 bring back our long-gated meetings back to three to 29 four days so that we can discuss these issues. 30 31 Let's go ahead and take a look at the 32 Alaska State Board of Fisheries, the 33 Arctic/Yukon/Kuskokwim proposal index. If you want 34 copies, I'm sure we can share books. I think we only 35 have two books right now, right, Brooke? 36 37 MS. MCDAVID: Yeah. Unfortunately we 38 only have two books. If you all would like me to put 39 it up on the screen, I could do that. 40 41 MS. ROGERS: Yeah. It might be easier 42 than trying to share books around. 43 44 After discussing information with RACs 45 and trying to get ahold of fishermen and subsistence 46 users on the Yukon since our other Yukon members who 47 bring proposals to the table, both Mr. Oney and Mr. 48 Alstrom, unable to be here, I reached out to other 49 people in addition to what they would like us to see 50

0252 and to look at, that including also in the upper region 1 of our Kuskokwim communities and our neighbors upriver 2 who also have interest in proposals they would like us 3 4 to oversee. 5 6 MS. MCDAVID: Alissa, which region index 7 would you like to start with? 8 MS. ROGERS: Let's go ahead and start 9 10 with the AYK region. Do you have a proposal list of the Yukon subsistence and personal use fisheries list 11 12 that we can look at so that if there's anything that 13 they see, we can go ahead and jump into those if they 14 want to take them up. 15 16 MS. MCDAVID: Yes. One moment, I'm 17 having a problem getting the right screen to project. 18 19 MS. ROGERS: Brooke, and for the record, 20 our Vice Chair is currently stepping out for the moment so I'll be being appointed for delegation of authority 21 22 until he returns. He should be back within 5, 10 23 minutes. I don't think any more than that. Thank you. 24 25 I'll go ahead and give the Council some 26 time to read through those, and if any of those you 27 want to bring up or want to discuss or even look more 28 into in regards to these proposals, please speak up and 29 let me know so we can take them up. 30 31 I might want to entertain to see if 32 John Lamont is currently on line. John Lamont are you 33 logged in today? 34 35 (No comments) 36 37 MS. MCDAVID: Do Council Members see any 38 Yukon region proposals that you're interested in taking 39 up? As a reminder, the ADF&G advisory committees in your local area will also be having meetings soon to 40 41 take up these proposals and you could participate as a 42 member of the region in those meetings. 43 44 MS. ROGERS: At this time I would like 45 for anyone from U.S. Fish and Wildlife Service or 46 Alaska Department of Fish and Game to please introduce 47 Proposal 81, implementing a Yukon River drainage 48 subsistence salmon permit to allow retention of king 49 salmon less than 24 inches in length and with the 50

0253 annual limit of 10 fish during times of king salmon 1 conservation. It is Page 18. 2 3 4 MS. MCDAVID: Alissa, we don't -- or, 5 Mrs. Chair, sorry. We don't have anyone prepared to 6 speak to State proposals. If there is someone from 7 Fish and Game on line that would be willing to answer a question, but we don't typically formally present the 8 9 State proposals at the Federal RAC meeting. 10 11 Thank you. 12 13 MS. JALLEN: Yeah, hi, Brooke. Through 14 the Chair. This is Deena Jallen with the Alaska 15 Department of Fish and Game. I am on and available to help answer questions. Some of these proposals were 16 17 submitted by -- you know, in this case Proposal 81 was 18 submitted by the Fairbanks Advisory Committee fisheries 19 subcommittee, so they would be the one to answer 20 questions about the intent, but I can help answer 21 questions that would be relevant to the Fish and Game 22 fisheries management side, and I am on line. 23 24 MS. ROGERS: Okay. Thank you. The 25 first question that comes in is -- hold on, sorry, I 26 just lost my page. The first question that comes in in 27 regards to Proposal 81, is this in regards to the whole 28 Yukon River drainage from -- yeah, the whole entire 29 Yukon River drainage and how is it affective to playing 30 with subsistence regulations that are already put in 31 place? 32 33 MS. JALLEN: Yes, so that is correct. 34 This proposal as written could apply to the entire 35 Yukon area and it would -- you know, my understanding 36 of the proposal is that there would be to come a permit 37 that you would need to get and then if we did identify 38 a very small subsistence surplus then we could 39 potentially have a management action where we allowed 40 the taking of king salmon under 24 inches with dip nets 41 and with fish wheel. So that's kind of what this 42 proposal seems to be trying to do is to allow perhaps 43 some small limited harvest of king salmon, but only by 44 permit holders in this -- at the Sedona (ph) place and 45 then only under 24 inches. 46 MR. LANDLORD: Number 80? 47 48 49 MS. ROGERS: 81. Do you have 81's 50

0254 1 language? If not, I can too read it. James was asking about (indiscernible - mic off) You want 80? 2 3 4 MR. LANDLORD: Yes. 5 6 MS. ROGERS: I'm trying to get John 7 Lamont on the phone right now. I called him, I asked him if he was going to be joining us so as soon as he 8 9 responds we can go to 80. 10 11 MR. LANDLORD: On number 80 makes me 12 feel like there are no restrictions in middle and upper 13 Yukon River. Is this a proposal like number 80 to 14 restrict subsistence king salmon? I didn't hear right 15 now. 16 17 MS. ROGERS: I'm sorry, I forgot your 18 name on Fish and Game who was representing the Yukon 19 Fish and Game right now. 20 21 MS. JALLEN: Yeah. Thanks. Thanks, 22 Alissa. This is Deena Jallen the Yukon River Summer 23 Season Manager. I couldn't quite hear what the 24 question was in regards to Proposal 80. 25 26 MR. LANDLORD: Referring to Proposal 80, 27 it states that restrict subsistence king salmon harvest in the middle and upper Yukon River. It just makes me 28 29 feel that there are no restrictions right now for king 30 salmon harvest, for subsistence fishing related to 31 middle and upper Yukon River. Are there any 32 restrictions right now? 33 34 MS. JALLEN: No, so right now the Yukon 35 River area is managed by times, area and gear, and so when we restrict fishing we put in fisheries closures 36 37 or gear limits, and so right now unless you're in a 38 very few limited permit areas like in District 6, the 39 Tanana road system, people don't have a limit or a quota on their subsistence harvest. If they can fish, 40 41 it's open for fishing. 42 43 What this proposal would do would be to 44 say that fishermen in those districts would need a permit to fish for kings and they would have a limited 45 46 number of kings. The permit doesn't specify what that 47 limited number would be. That would be something that 48 was -- you know, you would either ask who proposed it 49 or that would come out in Board of Fish discussion. 50

0255 1 But this proposal would require those households to get a permit and then have their king harvest limited by 2 3 number in some way. 4 5 MR. LANDLORD: Okay. Thank you. Can 6 you clarify Proposal Number 82, because this October 1 7 to April 30 is -- the river usually has started -- I 8 mean frozen. 9 10 MS. JALLEN: Yeah, so Proposal 82 11 relates to the sinking of gillnets and right now 12 there's this reg that's in like the statewide regs that 13 says that in the Yukon area and a few other areas of 14 the state you can sink a gillnet. You can have it be 15 under the surface of the water. You know, some people might sink a gillnet to fish under the ice, some people 16 17 might sink a gillnet to have it be below the surface of 18 the water so, you know, wouldn't get drift (ph) caught 19 on your float line. But this would require, if it 20 passed, to have visible float lines and floats, of 21 course, on the surface of the water between May 1 and 22 September 30th, so that would be like in the summer 23 when the water's flowing and they're not iced, you 24 would need to have corks visible on the water in this 25 passed. 26 27 (Inaudible conversations -- microphones 28 not turned on) 29 30 MS. CLEVELAND: Through the Chair. Can 31 I make a recommendation? In the interest of time and 32 all the reports that we still have to hear and knowing 33 that these proposals will be looked at in detail next 34 week, a lot of them, I'm wondering if we could just --35 you know, if we want to be a part of this process, then 36 we could attend those meetings next week with the ACs 37 and move on with our agenda. Quyana. 38 39 MR. GILLIKIN: Madam Chair. 40 41 ACTING CHAIR NANENG: Yeah, go ahead. 42 43 MR. GILLIKIN: Thank you, Mr. Chair. 44 This is Dan Gillikin with the Paimiut. I would like to 45 bring attention to the proposal that the middle 46 Kuskokwim AC submitted. I don't have the book here, so 47 I don't know what number it is, but it is regarding a 48 basin-wide Tier II permit system for Chinook salmon on 49 the Kuskokwim drainage. It's a fairly complicated 50

0256 1 proposal and I think it's one that -- well, I collaborated with the local AC here on the proposal, 2 but it's one that I wanted to bring to the Council's 3 4 attention. And although they may not want to discuss 5 it right now, the certainly probably want to understand that proposal and provide comment at a later date. 6 7 8 Thank you. 9 10 MS. MCDAVID: Thank you, Dan. For the 11 Council members Dan is speaking about Proposal 90 and 12 that's on the screen now. 13 14 MS. ROGERS: Mr. Chair. 15 16 ACTING CHAIR NANENG: Go ahead. 17 18 MS. ROGERS: May we entertain Mr. 19 Gillikin in regards to Proposal 90. 20 21 ACTING CHAIR NANENG: (No audible 22 answer) 23 24 MS. ROGERS: Thank you, Mr. Chair. 25 Let's go ahead and get an introduction of Proposal, 26 then we'll decide if we want to act on it. 27 28 Thank you, Mr. Chair. 29 30 Mr. Gillikin. 31 32 MR. GILLIKIN: Yes, thank you, Mr. Chair. Thank you, Alissa. So like I mentioned, I 33 34 collaborated with the local AC up here, advisory 35 committee, on this proposal that would -- it's 36 actually a hybrid proposal. It's a Tier II, Tier I 37 proposal for allowing Chinook salmon harvest on the 38 Kuskokwim River under a permit system. So I don't have 39 it in front of me, at least how it's written in the 40 booklet. 41 42 But in a nutshell what it is is there 43 would be initially a Tier II system, permit system, put 44 in place during the early period of the Chinook run. That would be from June 12th to June 24. Now, this 45 46 would protect early run headwater stocks until the 24th 47 and is around the median date of the run timing for all 48 areas around Bethel for Chinook salmon. About a third 49 of the chum salmon have passed by the 24th and less 50

0257 1 than a quarter of the sockeye pass the surrounding area 2 there. 3 4 What it would allow is it would allow 5 12 basically days of uninterrupted fishing opportunity 6 for people who hold a permit. So you wouldn't be limit 7 by time, area, gear necessarily restrictions. If you have a permit, a Tier II permit, in hand, you can go 8 9 fish any time, any location you wish either setnet or 10 drift gillnet between June 12th and June 24th. 11 12 Now, that being said, there will be a 13 limit on the permit, and that allocation will be 14 determined every year based on the forecasted run of 15 fish, of Chinook salmon that are going to be coming 16 back, and then the available surplus for harvest. 17 18 So after the 24th -- well, a few things 19 about the Tier II permit. So the Tier II permit would 20 also allow for proxy fishing, so individual households 21 would be responsible for managing their own permit and 22 they may collaborate with other permit holders and pool 23 their resources to go out and fish out of their fish 24 camps, much like they had done traditionally until we 25 got into this management cycle of these short openers 26 and people just going out and kind of combat fishing on 27 their own. So it would restore some of those 28 traditional practices in my mind. 29 30 So after the 24th, the fishery would 31 revert back to basically the Tier I type of fishery 32 opener, and that's more or less what we have been under 33 for the last 10 years or so where it becomes a time, 34 area, gear opening, but you wouldn't have to have a 35 permit. So it would be any resident and you could go 36 out and fish only when it was open. That would be 37 based on how many fish were reported from the early 38 opening permit system, and then the remaining available 39 surplus. So there would be an opportunity later in the 40 season for people to fish other species without a 41 permit if they chose not to get a permit. 42 43 So that's more or less it in a 44 nutshell. I'd be happy to try to answer any questions 45 if there are any. 46 47 ACTING CHAIR NANENG: Thank you. Any 48 questions from the Council Members? 49 50

0258 1 MS. ROGERS: Mr. Chair. 2 3 ACTING CHAIR NANENG: Go ahead. 4 5 MS. ROGERS: Thank you, Dan, for your 6 presentation, introduction of it. If we do go into a 7 Tier II what are the repercussions and how long would it take us to get out of a Tier II? 8 9 10 MR. GILLIKIN: Well, given that you have 11 not been meeting ANS for quite a while now, I believe 12 that -- I mean I'm not absolutely certain, but I 13 believe the trigger is basically once we've reached the 14 sufficient numbers to allow harvest that's within the 15 established ANS. But because we have not been achieving that for guite a while, I don't believe 16 17 there's currently any Tier II fisheries going on in the 18 state right now. There was one up in Nome for a while, 19 but certainly when you read the regulations, in my mind 20 anyway, would qualify as a Tier II. 21 22 And people understand that under a Tier 23 II system not everybody may possibly get a permit. 24 It's based on, you know, historic use of the resource, 25 proximity to the resource, availability of other 26 resources, just like the Tier II moose permit system 27 that's in place. 28 29 One thing I didn't mention is under the 30 Tier II, if you're fishing under the Tier II permit 31 system, so you'd be allowed to retain any other species 32 that you caught, like chum or sockeye. They don't 33 count towards your permit. And then also we had in 34 there that Chinook salmon 20 inches or less would not 35 count towards your allocation on your Tier II permit. 36 37 ACTING CHAIR NANENG: Any other 38 questions by Council Members. 39 40 (No comments) 41 42 ACTING CHAIR NANENG: Go ahead. 43 44 MS. MCDAVID: Thank you, Mr. Chair. I 45 just wanted to respond to Mrs. Rogers. You had asked 46 how you would potentially get out of the Tier II. But 47 I just wanted to point out that it does say in the 48 proposal this regulation would expire the start of 49 2026, so I think that's the intent of the proponent is 50

0259 1 to have it for a temporary time. Thank you. 2 3 ACTING CHAIR NANENG: Good afternoon. 4 My comments would be that I'm not necessarily supportive of going into a Tier II permit system, 5 because many of our people in the villages may not have 6 7 access to Fish and Game, or the Department, and it seems ironic that our people want to be put on Tier II 8 9 permit system when Area M, which is also managed by 10 state of Alaska, is allowed to go commercial fishing. 11 That impacts the fishes that are returning to our river 12 system. I think if we want to support this, they've 13 got to be -- treat everyone fairly and work on 14 sustained yield, and once they start doing that maybe 15 I'll support the proposal. 16 17 That's my comment. Thank you. 18 19 MS. ROGERS: Mr. Chair. 20 21 ACTING CHAIR NANENG: Go ahead. 22 23 MS. ROGERS: In regards to the comments 24 that were made in regards to this proposal, if you 25 would like, we could take this proposal up as a support 26 and then take a vote to oppose the proposal so they'd 27 know where we stand in regards to our notes that are 28 justification for why we're opposing this proposal and 29 the security of subsistence for our area. 30 31 ACTING CHAIR NANENG: Okay. I think 32 that would be fair. So entertain a motion. 33 34 MS. ROGERS: Yes, sir. I, Alissa 35 Rogers, am making a motion for Proposal 90, 5 AAC 01-36 dash-280 subsistence fishing permits in regards to 37 creating a Tier II subsistence king fishery in the 38 Kuskokwim River, and that's on Page 35 of the proposal 39 book. 40 41 ACTING CHAIR NANENG: There's a motion 42 made. Is there a second? 43 44 (No comments) 45 46 ACTING CHAIR NANENG: If there's no 47 second that the motion dies. So it rolls back the 48 motion, it's not seconded, so the motion is dead now. 49 50

0260 1 But, Dan, I appreciate you bringing this thing up, but I don't have trust and reliability 2 to the state of Alaska as fish managers when they're 3 4 asking us to bear the burden of conservation, yet allow 5 other fisheries that are know interceptors to go 6 fishing without any restrictions. 7 8 MR. GILLIKIN: Thank you, Mr. Chair. I 9 appreciate your position and thank you for your time. 10 11 ACTING CHAIR NANENG: Okay. Thank you 12 very much. Alissa. 13 14 MS. ROGERS: Mr. Chair. Would it be 15 appropriate at this time to make a comment, Brooke, so that our comment on this proposal has been made or 16 17 submitted to the Board of Fish in regards to this 18 proposal? 19 20 MS. MCDAVID: I may need to ask for 21 clarification since the motion died, I'm not sure if 22 you're going to be taking this up. Perhaps Mr. Chair 23 can.... 24 25 ACTING CHAIR NANENG: I think it would 26 be appropriate to tell the Board of Fish that the 27 YKDelta Regional Advisory Council does not support this 28 proposal because of the fact that state of Alaska, if 29 they're going to be issuing Tier II permits should 30 recognize that some of the salmon that are being --31 that are bound for the Yukon and the Kuskokwim, even 32 though this is just a Kuskokwim proposal, are impacting 33 the returning salmon and they're putting us in a 34 position that -- of having to get permits when they 35 should be working to reduce the bycatch that can allow 36 for more salmon to return. 37 38 Go ahead. 39 40 MS. WESSELS: Thank you, Mr. Chair. 41 Katya Wessels, OSM, for the record. If the Council 42 wants to make a comment as a body of the Council, you 43 would need to have a motion to submit that comment. 44 You can't just make a comment to the Board of 45 Fisheries. 46 47 ACTING CHAIR NANENG: Even though the 48 motion died, I'd recommend to the Council that they 49 make a motion that we submit comments on this proposal 50

1 that we're not supporting it and for reasons that -some of the reasons that I've stated. So that the 2 Board -- Subsistence Board would recognize that we have 3 4 an on-going concern with intercept fisheries that are 5 being executed by state of Alaska elsewhere for salmon 6 that are bound for the river systems. So if I can make 7 a motion, make that motion, but I'd ask one of the 8 Council Members to make that motion. 9 10 MS. ROGERS: Mr. Chair. I know the 11 first one had died it, so I'm going to make it as 12 simple as possible so we can follow through without the 13 exact language. I'll go ahead and make the motion in 14 support of Proposal 90 for discussion purposes. We 15 need a second. 16 17 ACTING CHAIR NANENG: I'd second it for 18 discussion purposes and that way we can make a 19 statement that we don't support; that, you know, we can 20 make some of the statements that I've made and some of 21 the statements that the rest of the Council members can 22 make in opposing the motion. 23 24 MS. WESSELS: Yeah. Thank you, Mr. 25 Chair. I just want to, you know, agree with you 26 because a motion to support doesn't mean that you 27 support the proposal. It just -- all the motions need 28 to be made in the positive, and then if you're opposed 29 to this proposal, you just vote no to the motion to 30 support this proposal, if that's what your choice is. 31 32 ACTING CHAIR NANENG: Since I seconded, 33 is there any discussion by the Council members on this 34 proposal. 35 36 MS. ROGERS: Are you seconding? 37 38 ACTING CHAIR NANENG: Yeah, I'm seconded for discussion purposes. 39 40 41 MS. ROGERS: Mr. Chair. I'll go ahead 42 and put in comments. Okay. Thank you so much, Dan. Ι 43 really appreciate you taking the initiative, and I know 44 how hard it is to put proposals together. 45 46 In light of how our current 47 restrictions are and have been in the past two decades, 48 and understanding that we did not meet ANS, and putting 49 ourself into Tier II, my understanding of the Tier II 50

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0262 1 system, it's not technically what we need at this moment, because once we get into a Tier II system we 2 3 can never get out of the Tier II system, especially if 4 the current numbers that we have at this time in 5 achieving -- not being able to meet ANS and not being able to achieve those numbers, and the numbers we need 6 7 to sustain subsistence, and not being able to achieve our traditional, historical ANS numbers for the past 45 8 9 years, almost 50 years at that, and with our current 10 status of how our Chinook salmon was and now that we're 11 losing our chums and our coho currently right now are 12 in distress, and we understand that; and then on top of 13 that we have issues with Area M and where we're not 14 communicating and being able to meet in regards to 15 keeping regulations between Area M and our region who 16 are suffering at the tail end so that we could meet 17 escapement so Area M can continue fishing, I don't see 18 it fit that we as the end users have to be regulated so 19 that Area M can continue fishing. 20 21 In accordance to the bycatch 22 presentation that we had received yesterday, it appears 23 that they're allowed to go fishing unrestricted unless 24 they have a cap on their fishery in regards to Chinook 25 salmon and chum salmon. But the problem being fitted 26 into that situation is that they get to go fishing 27 unregulated, unmonitored, unenforced, and then we end 28 up having to take the blunt of it. And if they don't 29 meet the amount of fish that are coming through through 30 our test fisheries and finding out the quantitative 31 estimate of fish that are returning, then we have to be 32 the ones that are getting regulated. And yet we're not 33 making money off this fishery, we're putting fish in 34 our subsistence foods. We're putting fish in our smoke 35 houses. We're putting fish on the table. We're 36 feeding our kids and we're trying to make a livelihood 37 being the largest and the poorest area in the country 38 right now. We're not living a third-world country, 39 we're living a fourth or fifth-world country right now, 40 and after the huge storm that came through it's even 41 harder to get food out to the villages and to places 42 that really need it, who really rely on the subsistence 43 uses. 44 45 So if you do, Mr. Chair, those are my 46 comments. 47 48 Thank you. 49 50

ACTING CHAIR NANENG: Quyana, Alissa. Any other comments from Council Members. (No comments) ACTING CHAIR NANENG: Okay. I think the motion's up for a vote. The no vote means, no, you don't support it; yes means yes, meaning you support it. So let's go ahead with the roll call. MS. MCDAVID: Henry Park. MR. PARKS: No. MS. MCDAVID: Phillip Peter. MR. PETER: No. MS. MCDAVID: Jackie Cleveland. MS. CLEVELAND: No. MS. MCDAVID: John Andrew. MR. ANDREW: No. MS. MCDAVID: James Landlord. MR. LANDLORD: No. MS. MCDAVID: Alissa Rogers. MS. ROGERS: No. MS. MCDAVID: Norma Evan. MS. EVAN: No. MS. MCDAVID: Mr. Chair, Myron Naneng, ACTING CHAIR NANENG: No. MS. MCDAVID: Motion fails zero/eight. ACTING CHAIR NANENG: Any other proposals for discussion. MS. ROGERS: Mr. Chair. There was a recommendation that we bring up Proposal 91 to modify 

0264 1 the Kuskokwim area lawful gear and gear specifications and operations to provide gear opportunity to harvest 2 salmon other than king salmon during the times of 3 4 salmon conservation as follows. 5 6 CHAIRMAN ROGERS: Fish and Game, are you 7 on line? 8 9 (No comments) 10 11 MS. MCDAVID: Are there any Fish and 12 Game Staff that could speak to Kuskokwim Region 13 Proposal Number 91 that was submitted by the 14 Department. 15 16 MR. SMITH: Hello, this is Nick. 17 18 ACTING CHAIR NANENG: Go ahead. 19 20 MR. SMITH: This is Nick Smith with the 21 Alaska Department of Fish and Game. I'm the Kuskokwim 22 area subsistence and commercial fisheries manager. 23 24 So Proposal 91 was submitted by the 25 Alaska Department of Fish and Game and this proposal 26 would establish alternative fishing methods that could 27 be used during times of chum, sockeye or coho salmon 28 conservation. This would allow, you know, more -- an 29 adaptive management strategy in years like we had this 30 year with coho. If you look through that proposal, 31 you'll notice that a lot of the gear types available in 32 this proposal are what we currently have on the books 33 during king salmon conservation. So, yeah, this year 34 we were kind of..... 35 36 REPORTER: Nick, could you hold on one 37 minute, please. 38 39 MR. SMITH: I didn't hear that? 40 41 REPORTER: Are you there, Nick? 42 43 (No comments) 44 45 REPORTER: Nick, are you there? 46 47 MR. SMITH: Yes, I am. 48 49 REPORTER: If you'd get a little closer 50

0265 1 to your mic and speak a little louder, please. 2 3 MR. SMITH: Okay. How about now. 4 5 REPORTER: Try that again. 6 7 MR. SMITH: Do you still hear me? 8 9 REPORTER: Can you still hear? Yeah, 10 just speak as loud..... 11 12 MR. SMITH: I'm still here. 13 14 REPORTER: .....as you can, please. 15 16 MR. SMITH: Okay. I'll do my best here. 17 So this proposal would establish alternative fishing methods that can be used during times of chum, sockeye, 18 19 and coho conservation (indiscernible - feedback) we ran 20 into this year, especially with coho and we didn't have 21 any specific alternative gears available when conservation needs -- when conservation is needed. 22 23 24 When we think about king salmon season, 25 there's a number of alternative gear types available 26 with set nets, and reducing mesh size and alternative 27 gears that allow wide relief. 28 29 What we ran into this year, especially 30 with coho, is we didn't have any specific alternative 31 gears available when conservation is needed. When we 32 think about king salmon season there's a number of 33 alternative gear types available with setnets and 34 reducing mesh size and alternative gears that allow 35 live release like dipnets and fishwheels and those gear 36 types haven't been added to the regulation book for 37 sockeye and coho, specifically, and what we do have for 38 chum really doesn't align with what we have for king 39 salmon so this proposal would establish alternative 40 gears that are very similar to what we have during the 41 king season so that when we do have times of 42 conservation we have an ability to provide opportunity 43 for other species that are abundant. 44 45 ACTING CHAIR NANENG: Okay, any 46 questions from the Council members regarding this 47 proposal. 48 49 Alissa. 50

0266 1 MS. ROGERS: Thank you, Mr. Chair. 2 Through the Chair. Thank you Nick, was pretty hard to 3 hear you so I just want to make sure I was 4 understanding this correctly. Pretty much this 5 proposal is saying that it's establishing fishing 6 methods to allow for your management and those in 7 management for chums, sockeye and coho, to have availability for other methods and means like we do for 8 9 king salmon in conservation -- when we're in 10 conservation this way this gives you more tools and 11 allows for other opportunities for other species to be 12 caught while we're in conservation mode. Did I hear 13 you correctly? 14 15 MR. SMITH: Through the Chair. Yes, 16 Alissa, that's what this proposal is doing. 17 18 ACTING CHAIR NANENG: Any questions 19 from Council members. 20 21 (No comments) 22 23 ACTING CHAIR NANENG: It pretty much 24 what the Yukon River had to go through with the efforts 25 to use different methods of harvest and now we're down 26 to zero on the Yukon in terms of being able to fish 27 during the summertime despite what has been the efforts 28 in the past. So that's my comment regarding this 29 proposal. 30 31 MS. ROGERS: A motion. 32 33 ACTING CHAIR NANENG: But, yeah, there 34 needs a motion to..... 35 36 MS. ROGERS: Mr. Chair. I'll go ahead 37 and make the motion to support Proposal 91 from Alaska Department of Fish and Game. The 5 AAC 01-270, lawful 38 39 gear and gear specifications and operations, in 40 modifying the Kuskokwim area lawful gear and gear 41 specifications and operations to provide greater 42 opportunity to harvest salmon other than king salmon 43 during times of salmon conservation. 44 45 Thank you, Mr. Chair. 46 ACTING CHAIR NANENG: Okay. Motion has 47 48 been made, is there a second. 49 50

0267 1 MR. PETER: Second. 2 3 ACTING CHAIR NANENG: Seconded by 4 Phillip. Any further discussion on the motion. 5 6 MS. ROGERS: Mr. Chair, I'll go ahead 7 and make a comment. I appreciate this work that you're putting in in regards to allowing opportunity and re --8 9 fixing a regulation so that you have more management 10 tools in times of conservation like we had this year. 11 If we had these regulations at that point we would have been able to go out fishing for other species but 12 13 because we didn't have these regulations in our book we 14 weren't able to go out fishing for other species so I 15 believe and I support this proposal that we do have 16 management tools in regards to supporting harvesting of 17 other species during times of conservation or whenever 18 our river is being closed. 19 20 Thank you, Mr. Chair. 21 22 ACTING CHAIR NANENG: Thank you. Any 23 other questions. 24 25 MR. PARKS: Mr. Chairman. 26 27 ACTING CHAIR NANENG: Go ahead, Henry. 28 MR. PARKS: Henry Parks from 29 30 Nunapitchuk. I have a question. This proposal here now 31 exactly from where -- the Kuskokwim River does this 32 starts and where does it end, is it from the mouth all 33 the way up Kuskokwim or where -- exactly where does it 34 start? My question. Because it states fishwheel, is 35 that fishwheel still running up there, I don't know. 36 37 MS. KENNER: Maybe Fish and Game could 38 answer that. 39 40 MS. ROGERS: Yeah, Nick. 41 42 MS. MCDAVID: Nick, would you be able 43 to answer that question for our Council member? Thank 44 you. 45 46 MR. SMITH: Yes, I would. Through the 47 Chair. So these management tools would be able to be 48 used anywhere throughout the Kuskokwim area, so the 49 Kuskokwim River and the Kuskokwim Bay and like we do 50

0268 1 already during king salmon season there are -- we can also use our time and area so we can implement these, 2 3 you know, mesh size restriction or length restrictions 4 or setnets or live release from fishwheels in specific 5 areas of the river that it's needed. So there would be a lot of flexibility where we could use these tools 6 7 during times of conservation. 8 9 ACTING CHAIR NANENG: Okay, thank you. 10 11 MR. PARKS: I didn't catch what he 12 stated, I couldn't hear what all he stated. 13 14 ACTING CHAIR NANENG: You may have to 15 repeat yourself and speak louder. 16 17 MR. SMITH: This is Nick again. So the 18 management tools that are in this proposal could be 19 used throughout the entire Kuskokwim River and the 20 Kuskokwim Bay and then like we do during king salmon 21 season we can implement them on a time and an area 22 basis so that they could be used in the area that 23 they're needed. 24 25 ACTING CHAIR NANENG: Any other 26 discussion on the proposal. 27 28 MR. PARKS: Thank you. 29 30 ACTING CHAIR NANENG: Any other 31 discussion on the proposal. 32 33 (No comments) 34 35 ACTING CHAIR NANENG: I just have one 36 question, you know, the last few years we've had State 37 management start off at the beginning of the year and 38 eventually there was Federal takeover of subsistence 39 management especially down in the lower river before it 40 gets to Aniak. How does this proposal affect fisheries 41 management by Fish and Wildlife Service? 42 43 MR. SMITH: Yeah, this is Nick. So I don't think it would affect it the same way that's 44 45 currently done on the Kuskokwim. There's currently an 46 injunction against the State of Alaska from doing any 47 management actions while there's a Federal special 48 action in place in the lower Kuskokwim River so moving 49 forward, as long as that injunction is in place we 50

0269 1 wouldn't be using these tools in the lower Kuskokwim River while there's a Federal special action in place. 2 3 4 ACTING CHAIR NANENG: I didn't quite 5 hear you because you're not speaking loud enough. 6 Maybe that's not being fixed right now. 7 8 REPORTER: Hold on, one more time. 9 Nick, are you there? 10 11 MR. SMITH: I am. 12 13 REPORTER: Try that again please. 14 15 (Feedback) 16 17 REPORTER: Okay, keep going. 18 19 MR. SMITH: Can you hear me okay. 20 21 REPORTER: Is that any better, that's as loud as it's getting. 22 23 24 ACTING CHAIR NANENG: Go ahead. 25 26 REPORTER: Go ahead, Nick. 27 28 MR. SMITH: Okay. Yeah, so the brief 29 summary of it is is that there's currently a court 30 ordered injunction against the State of Alaska from 31 doing any management in the lower Kuskokwim River while 32 there's a Federal special action in place so if this 33 proposal were to get adopted we would not be using any 34 of these tools while there's a Federal special action 35 in place in the lower Kuskokwim River. 36 37 MS. ROGERS: Mr. Chair. I might be 38 able to help summarize it really quick. So pretty much 39 what we already have going for our Kuskokwim fisheries we're going to do that for all the other fisheries. 40 41 Even though these tools may be implemented when there's 42 a special action by Federal Subsistence Board, ADF&G 43 would not be implementing these tools, so it's pretty 44 much what we're doing is we're just copying and pasting everything from the king salmon on to the reds, chums 45 46 and cohos. 47 48 Did I say that right, Nick? 49 50

MR. SMITH: Yes, Alissa, that's more or less what would happen. ACTING CHAIR NANENG: Okay, thank you. Any further discussion on the motion. (No comments) ACTING CHAIR NANENG: Okay, if there's no more we'll go ahead with the roll call. MS. MCDAVID: Okay, question has been called. Roll call Henry Parks. MR. PARKS: Yes. MS. MCDAVID: Phillip Peter. MR. PETER: Yes. MS. MCDAVID: Jackie Cleveland. MS. CLEVELAND: Abstain. MS. MCDAVID: John Andrew. MR. ANDREW: Yes. MS. MCDAVID: James Landlord. MR. LANDLORD: Yes. MS. MCDAVID: Sorry, could you repeat that James. MR. LANDLORD: Yes. MS. MCDAVID: Thank you. Alissa Rogers. MS. ROGERS: Yes. MS. MCDAVID: Norma Evan. MS. EVAN: Yes. MS. MCDAVID: Myron Naneng. ACTING CHAIR NANENG: Yes. 

MS. MCDAVID: Motion passes 7-0. MS. ROGERS: Mr. Chair. ACTING CHAIR NANENG: Go ahead. MS. ROGERS: Could we get a justification of why you abstained Jackie? MS. CLEVELAND: Can I choose not to. ACTING CHAIR NANENG: I think in the parliamentary procedures you don't have to explain why you abstained but if you say no you can say why you said no, so I respect her willingness to say that she abstained on her vote. Any other proposals. MS. ROGERS: Mr. Chair. ACTING CHAIR NANENG: Yeah, go ahead. MS. ROGERS: It was brought up, that recommendation that we take up Proposal 140. ACTING CHAIR NANENG: Yes. MS. ROGERS: So do we have.... (Pause) ACTING CHAIR NANENG: Okay, we have before us Proposal 140. Is someone at Fish and Game willing to talk about this proposal. MS. MCDAVID: Mr. Chair. I'm not sure if there's anyone online from Fish and Game that could speak to this proposal, 140, from that region. MS. ROGERS: What about Serena, can she. ACTING CHAIR NANENG: Is she here. MS. JALLEN: Hi, this is Deena Jallen from Alaska Department of Fish and Game, just to clarify, is 140 submitted by the Fairbanks Fisheries Advisory Council? 

0272 1 MS. MCDAVID: That's correct, Deena. 2 3 ACTING CHAIR NANENG: Submitted by who? 4 5 MS. MCDAVID: Fairbanks Fish and Game. 6 7 ACTING CHAIR NANENG: Okay. 8 9 MS. JALLEN: They're going to have a meeting coming up soon, next week I believe, let me 10 11 look that up real quick, the fisheries subcommittee, 12 they're going to be discussing Board of Fish proposals 13 on Monday November 7th if anyone wants to call into 14 that AC meeting you would have a chance to ask some of 15 the folks that submitted that proposal, would be able 16 to discuss it in more detail. I can send information 17 about that meeting to Brooke and she could forward it 18 out to anyone who wants to -- is interested in 19 attending that meeting. 20 21 MS. MCDAVID: Thank you. 22 23 ACTING CHAIR NANENG: Entertain a 24 motion to address Proposal 140. 25 26 MS. ROGERS: Mr. Chair. I'll go ahead 27 and take a motion to support Proposal 140 for 28 discussion. 29 30 ACTING CHAIR NANENG: A motion has been 31 made, is there a second. 32 33 MR. ANDREW: Second. 34 35 ACTING CHAIR NANENG: Seconded by John 36 Andrew. Any further discussion on the motion to 37 support Proposal 140 Council members. 38 39 MS. ROGERS: Mr. Chair. 40 41 ACTING CHAIR NANENG: Go ahead. 42 43 MS. ROGERS: I know we had earlier in 44 the beginning of our meeting we had someone, I believe 45 it was Serena, are you here, that can help us get 46 through Proposal 140 since it was introduced. 47 48 MS. FITKA: Thank you. Through the 49 Chair. I was just asked by Gale Vick, she sits on the 50

0273 1 Fairbanks Advisory Council, so Gale Vick and Virgil Umphenour were the ones who drafted this proposal and 2 3 she asked to bring it to your attention since she was 4 not available to attend online. But I will answer -- I 5 will try to answer any questions. All I know is the history of that this proposal was presented to the 6 7 Board of Fisheries I want to say, and people in the audience who have more experience than me, it was 8 9 passed for awhile with these windows to reduce the 10 amount of salmon that were bound for the AYK region and 11 then the Board of Fish Council members changed and then 12 it was reverted back to what it is now. 13 14 ACTING CHAIR NANENG: Any more 15 questions or discussions. You can turn off that mic. 16 Any more discussion or questions on this. 17 18 MS. ROGERS: Mr. Chair. 19 20 ACTING CHAIR NANENG: Go ahead. 21 22 MS. ROGERS: I do have some feedback in regards to Proposal 140. The other issue is Area M in 23 24 South Unimak and Shumigan Island in June targeted 25 sockeye passage, the interception of chum salmon, other 26 suppressed salmon stocks need to be controlled in the management plan. The Fairbanks Advisory Committee 27 28 Virgil Umphenour spoke extensively about this and his 29 experience when he was on the State of Alaska, Board of 30 Fish. Currently Proposal 140 would repeal the current 31 plan in South Unimak and Shumigan Islands, I'm sorry if 32 I'm butchering that -- June Management Plan. The 33 proposal that's currently in Proposal 140 would then 34 readopt the old plan with modifications to set fishing 35 period parameters to control bycatch of chum salmon 36 specifically. And do we have any other RACs that have 37 taken this proposal up. 38 39 MS. MCDAVID: Mr. Chair. 40 41 ACTING CHAIR NANENG: Go ahead. 42 43 MS. MCDAVID: Through the Chair. Ms. 44 Rogers. We -- I know, just because I'm also the 45 Coordinator for Eastern Interior that they took this 46 proposal up and supported it. I'm not sure about the 47 other Councils. 48 49 Thank you. 50

0274 1 MS. ROGERS: Federal Subsistence Board, 2 do you have any other RACs that have taken this up. 3 4 MS. MCDAVID: Fellow Staff members, are 5 you aware if any other of the RACs took up Proposal 140 6 for Board of Fish. 7 8 MS. WESSELS: I'm not 100 percent 9 positive but I think Western Interior took it up, I can 10 find out, hold on a second. 11 12 ACTING CHAIR NANENG: Any other 13 questions regarding Proposal 140. 14 15 MS. ROGERS: Mr. Chair. 16 17 ACTING CHAIR NANENG: Go ahead. 18 19 MS. ROGERS: Katya, I got you. I just 20 got notified that WIRAC had supported this proposal as 21 well. 22 23 MS. WESSELS: That's what I thought. 24 25 ACTING CHAIR NANENG: I just got one 26 question. I know here in the YKDelta, especially those 27 out on the Coast that fish for salmon are limited to the three mile limit and when you take a look at the 28 29 map of that fishing district it goes far and beyond the 30 three mile limit that they can possibly go to. And I 31 know that beyond three mile limit it's Federal 32 management or supposed to be Federally-owned and I hope 33 that the Federal mangers, whoever is monitoring the 34 fisheries down there don't allow commercial fishing 35 beyond the three mile limit because that's the question 36 that I have. Because it seems like they have that 37 whole access area beyond three mile limit based on the 38 map that I've seen regarding the fishing district. Can 39 anybody answer that? 40 41 (No comments) 42 43 ACTING CHAIR NANENG: Well, if nobody 44 has an answer to that, I make a proposed amendment to supporting this proposal that fishing be restricted 45 46 within the three mile limit and not be allowed to go 47 beyond that and ask the Federal managers of those that 48 monitor fisheries beyond the three mile limit to make 49 sure that the fishermen down there don't go beyond that 50

0275 1 line. And I know down in Bristol Bay, if you go beyond a certain area at the mouth of the Nushagak River 2 3 you're monitored and you get fined for fishing beyond 4 that. So -- and we're also told here on the Kuskokwim 5 as well as the Yukon that if you go beyond the three mile limit or the boundary set by the fishing district 6 7 that you can be cited for fishing outside the line. So that would be my proposal to amend the proposal to say 8 9 that the fishing be restricted within three mile limit 10 as it is also restricted in many of the fisheries and 11 boundaries that are set by the State. At Black River, 12 which is south of the Yukon you have only a one mile 13 radius from the mouth of the Black River that you can 14 fish in. And I'm sure that's pretty much the same way 15 as it is up along the mouths of the Yukon River, the 16 south mouth, the middle mouth and even the north mouth. 17 18 So that would be my proposed amendment 19 to this proposal. And I'll write something to that 20 effect. So that's my motion, is there a second. 21 22 (In Yup'ik) 23 24 MR. PETER: Second. 25 26 ACTING CHAIR NANENG: Okay, seconded by 27 Phillip. Any further discussion. 28 29 REPORTER: Mic please. 30 31 ACTING CHAIR NANENG: Any further 32 discussion on the motion that I just made, no fishing within the three mile limit or the boundaries that are 33 34 set by -- even one mile would be fine because we're all 35 restricted out here on the Kuskokwim and Yukon to fish 36 in certain areas and we can't go beyond that, 37 especially during commercial fishing. 38 39 Any more discussion on that proposal, 40 amendment. 41 42 MS. ROGERS: Mr. Chair. 43 44 ACTING CHAIR NANENG: Yeah, go ahead. 45 46 MS. ROGERS: Thank you, Mr. Chair. Can 47 I get a clarification in what you're asking for because 48 this proposal specifically is targeting commercial 49 fishing only. 50

0276 1 ACTING CHAIR NANENG: Yes. 2 3 MS. ROGERS: It doesn't target 4 subsistence fishing so I'm trying to figure out if 5 you're talking about restricting in the three mile 6 limit, are you talking subsistence fishing or..... 7 8 ACTING CHAIR NANENG: No. 9 10 MS. ROGERS: .....just -- no. 11 12 ACTING CHAIR NANENG: The commercial 13 fishing districts are set on the Yukon, if you take a 14 look at the maps there are areas that are restricted 15 where you can only commercial fish in certain areas out 16 -- some of the maps that were drawn by the State of 17 Alaska and looking at the map that shows where Area M fisheries is executed goes above and beyond that three 18 19 mile limit so I'm just asking and adding that they be 20 restricted to certain areas instead of going beyond it. 21 Similar to what they have down in Bristol Bay where 22 they can't go beyond a certain line when they go 23 commercial fishing. This does not affect subsistence. 24 25 MS. ROGERS: Okay. 26 27 ACTING CHAIR NANENG: So was there a 28 second. 29 30 MS. ROGERS: I think he already 31 seconded it. 32 33 ACTING CHAIR NANENG: Yeah, okay it was 34 seconded. Any further discussion. 35 36 (No comments) 37 38 ACTING CHAIR NANENG: If no discussion, 39 let's vote on the amendment first by roll call. 40 41 MS. MCDAVID: Okay. I'll restate the 42 motion that's on the table, is to amend the original 43 motion to support Proposal 140 with a modification that 44 no commercial fishing should occur beyond three mile 45 limit beyond the coast line. 46 ACTING CHAIR NANENG: Yes. Okay, let's 47 48 go ahead with the roll call. 49 50

MS. MCDAVID: All right. For the amendment, Henry Parks. MR. PARKS: Yes. MS. MCDAVID: Phillip Peter. MR. PETER: Yes. MS. MCDAVID: Jackie Cleveland. MS. CLEVELAND: Yes. MS. MCDAVID: John Andrew. MR. ANDREW: Yes. MS. MCDAVID: James Landlord. MR. LANDLORD: Yes. MS. MCDAVID: Alissa Rogers. MS. ROGERS: Yes. MS. MCDAVID: Norma Evan. MS. EVAN: Yes. MS. MCDAVID: Myron Naneng. ACTING CHAIR NANENG: Yes. MS. MCDAVID: Amendment passes 8-0. ACTING CHAIR NANENG: Okay. Now going back to the main motion of supporting Proposal 140, it's been moved and seconded, any further discussion on the motion. MR. ANDREW: Question. ACTING CHAIR NANENG: Motion has been called. Okay, let's go ahead and do a roll call again. MS. MCDAVID: Okay. Mr. Chair. Would you be able to state the original motion or I could do that for you with the amendment. 

ACTING CHAIR NANENG: The original motion is to support Proposal 140 as written but my amendment is to state that the commercial fisheries be limited within what we call the State jurisdiction versus Federal jurisdiction or be restricted to certain areas that limit them from going beyond a certain fishing area. MS. MCDAVID: Okay. So just to clarify, restating for the record, the motion on the table is to support Proposal 140 with modification to limit commercial fishing to no further than three miles from the coastline? ACTING CHAIR NANENG: Yes. MS. MCDAVID: Okay. All right, we'll do roll call again. Henry Parks. MR. PARKS: Yes. MS. MCDAVID: Phillip Peter. MR. PETER: Yes. MS. MCDAVID: Jackie Cleveland. MS. CLEVELAND: Yes. MS. MCDAVID: John Andrew. MR. ANDREW: Yes. MS. MCDAVID: James Landlord. MR. LANDLORD: Yes. MS. MCDAVID: Alissa Rogers. MS. ROGERS: Yes. MS. MCDAVID: Norma Evan. MS. EVAN: Yes. MS. MCDAVID: Myron Naneng. 

0279 1 ACTING CHAIR NANENG: Yes. 2 3 MS. MCDAVID: Motion passes 8-0. 4 5 ACTING CHAIR NANENG: Okay. Quyana. 6 Any other proposals. 7 8 (No comments) 9 10 ACTING CHAIR NANENG: Okay. If not go 11 ahead. 12 13 MS. MCDAVID: Mr. Chair. Before we 14 move on I did want to bring to the Council's attention 15 that there will be a couple of separate Board of Fish meetings this coming cycle, this next year, and you --16 17 your Council just made comments on proposals that will 18 be taken up at two separate meetings. The first one is 19 the AYK meeting and that will be held in January, 20 January 14th through 18th, and the second one -- and 21 that was for the Kuskokwim proposals that you took up, 22 the second one will be the Alaska Peninsula, et cetera 23 meeting that will take place in late February, February 24 20th to 25th. The Council wish to discuss if you would 25 like to choose representatives and alternates to 26 potentially represent your Council and be able to speak 27 to your comments at those meetings. 28 29 Also as a reminder, your Council did 30 submit two proposals for the Alaska Peninsula region, 31 Area M, that you may wish to be there to speak to. 32 33 Thank you. 34 35 ACTING CHAIR NANENG: Thank you. We 36 could probably discuss designating people at the --37 during the December meeting, or our next meeting. 38 39 MS. ROGERS: Our next meeting isn't 40 until the spring. 41 42 ACTING CHAIR NANENG: Oh, sorry. 43 44 MS. MCDAVID: Yeah, your next meeting 45 will not be until, I believe, February -- after. 46 47 ACTING CHAIR NANENG: Okay, thanks for 48 that. What's the desire for the Council to attend 49 those meetings as a whole or send a representative. 50

0280 1 MS. ROGERS: You can only send one. 2 3 ACTING CHAIR NANENG: One. 4 5 MS. ROGERS: One. 6 7 ACTING CHAIR NANENG: More often than not when there's people to back up your statement and 8 9 support it and repeat it over more than once at a Board 10 of Fish meeting it usually gets the message across so 11 my suggestion would be at least two people be there at 12 that meeting. 13 14 MS. MCDAVID: Mr. Chair. Your Council 15 could request that you send two representatives to each meeting, OSM would have to take that back and see if we 16 17 would be able to honor that request after this meeting. 18 19 MS. CLEVELAND: So we're not doing 20 nominations -- are we open for nominations? 21 22 MS. MCDAVID: Yeah, we should -- or if 23 the Council wishes now would be the time to nominate 24 folks. 25 26 ACTING CHAIR NANENG: Okay. 27 28 MS. CLEVELAND: Can I nominate Myron 29 Naneng. 30 31 ACTING CHAIR NANENG: Any other 32 nominations. 33 34 MS. EVAN: I nominate Alissa Rogers. 35 36 ACTING CHAIR NANENG: Alissa. So..... 37 38 MR. LANDLORD: I nominate Ray Oney. 39 40 ACTING CHAIR NANENG: Okay. There's 41 three. 42 43 MS. ROGERS: There's three -- up to 44 three. 45 46 MS. MCDAVID: Yeah, and as a reminder 47 there are two separate meetings so potentially there 48 could be some switching around of who goes to what 49 meetings, one person could go to both meetings 50

potentially if we're able -- if we're able to send two folks. ACTING CHAIR NANENG: So we'll use that list of the three nominees to make a request to OSM to be able to send at least two representatives to each of the meetings. If there's no objections from the Council. MS. CLEVELAND: And if there's two, how do we pick the two from the three? ACTING CHAIR NANENG: Maybe based on availability, you know, I think that would be the best way. MS. MCDAVID: Perhaps.... ACTING CHAIR NANENG: And we'll coordinate with our Coordinator here. MS. MCDAVID: Yeah, and just a suggestion maybe -- well, I guess you guys commented on only Kuskokwim proposals, but maybe one from Yukon and one from Kusko region. MS. ROGERS: Mr. Chair. ACTING CHAIR NANENG: Go ahead. MS. ROGERS: I want to note we have John Lamont, if he's available on the phone for a Yukon proposal he wants to introduce, Proposal No. 80. ACTING CHAIR NANENG: Okay, John. REPORTER: I want a break, I want to change something, for a minute. ACTING CHAIR NANENG: Okay, we'll take a five minute break and get John on the line. REPORTER: I don't know if we'll do any good but we'll see. (Off record) (On record) 

0282 1 ACTING CHAIR NANENG: We can listen to 2 John regarding Proposal No. 80 so we need Council 3 members to come back ASAP. 4 5 (Pause) 6 7 ACTING CHAIR NANENG: Okay, go ahead, 8 John. 9 10 MR. LAMONT: Mr. Chairman, my name's 11 John Lamont. I'm a (indiscernible) traditional 12 commercial fisherman from the mouth of the Yukon from 13 (Indiscernible) my wife's from Alakanuk and we 14 (indiscernible) in Emmo for elementary school. My 15 proposal is to limit subsistence take of chinook salmon 16 on the Yukon River until the Department of Fish and 17 Game can get a good handle on the number of chinook 18 that are reaching the spawning grounds in Alaska and 19 Canada. Over the last several years the Department has 20 counted numbers at the Pilot Station sonar and at the 21 Eagle sonar and there's been a disparity between the 22 numbers of chinook bound for Canada and Alaska waters 23 between those two counts. Therefore, in some years 24 it's been 60,000 that were unaccounted for, some years 25 90,000 and I am, as a user of chinook salmon on the 26 mouth of the Yukon River, I am really frustrated that 27 our State cannot afford to accurately count chinook 28 salmon. 29 30 Historically the commercial fisheries 31 on the mouth of the Yukon in Y1, 2 and 3 has been the 32 mainstay for subsistence livelihood. In 1979 and 1980 33 after the Alaska Native Settlement Act when the Alaska 34 National Interests Lands Act went into place the 35 Secretary of Interior discussed with locals about the 36 commercial chinook salmon fishery on the mouth of the 37 Yukon because there was no -- it was maintained and it was testified -- I don't have the -- I don't have all 38 39 the information other than in my head -- but the 40 Secretary of Interior commented that since all the 41 commercial fishermen in Y1, 2 and 3 were indigenous 42 people that should be -- that should rate as a 43 subsistence fishery. Because all of the people and, 44 you know, you can correct me, or one of the people can correct me if they want but from June 1 to June 30 they 45 46 commercial fish for chinook salmon. They charge with 47 the canneries, not just one cannery there was Point 48 Adams Packing Company, there was Carlile Packing 49 Company, there was Yukon Delta Fish Marketing Coop, 50

1 there was Bering Sea Fisheries that a subsistence user would charge all winter long for fuel, for food, for 2 3 staples that they need and then in June when the 4 commercial fishery opened they would pay off their 5 debt, kind of like the trap -- trading industry back in the late 1800s and early 1900s. But my proposal simply 6 7 is to stop all subsistence fishing for chinook salmon if until and only until the Department can get a good 8 9 read on all the numbers that are returning to the 10 spawning grounds in Alaska and Canada and not provide 11 that after the fact, but provide that when they're done 12 with the subsistence counts in -- at the end of the 13 summer. 14 15 I do serve as an alternate panel member on the U.S./Canada Panel and for years I've been asking 16 17 for that subsistence harvest data be set in a December 18 meeting and they said, no, they do not have it, so I 19 really would like support in this proposal. 20 21 I make my life -- subsistence 22 livelihood off the Yukon River fish, I did not fish for 23 the first time in my life for chinook salmon in 2001 24 and last summer. I could not go out there. I'd get 25 penalized for even putting in a four inch net in the 26 water at my fishcamp. But if there's any questions 27 from the Council I'd be more than happy to answer them 28 to the best of my ability. I don't have the paperwork 29 in front of me but I thank Ms. Rogers for providing me 30 with a copy of the proposal that I submitted. I have 31 another proposal for Area M but that will be discussed 32 at the Area M Board of Fisheries meeting. 33 34 Thank you, Mr. Chairman and Council 35 members. 36 37 ACTING CHAIR NANENG: Yeah, Quyana, John. Any discussion from the Council regarding 38 39 Proposal No -- what was it, Proposal No. 80 -- yeah, 40 regarding Proposal No. 80. 41 42 MS. ROGERS: Mr. Chair. 43 44 ACTING CHAIR NANENG: Yes, go ahead. 45 46 MS. ROGERS: Thank you. So thank you 47 Mr. Chair. Through the Chair. Thank you John for 48 being able to be here at our meeting today. I had a 49 quick question in regards to the areas that you wanted 50

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0284 1 to get a closure on, are you talking about above Y3 or are you talking about the whole river? 2 3 MR. LAMONT: Through the Chair. 4 5 Alissa. Without pitting our people it would have to be the whole river, but when I wrote this I was pretty 6 7 frustrated that in Y1, Y2 and Y3 we were always restricted and they lift the restrictions in Y4, 5 and 8 9 6. So this was originally written -- I don't know if 10 it states in the proposal, I didn't go through it with 11 a real fine tooth comb recently, I submitted this 12 proposal about two years ago and it was to identify 13 areas above Y3 on the Yukon River main stem. 14 15 Thank you, Alissa. 16 17 Thank you, Mr. Chairman. 18 19 ACTING CHAIR NANENG: Further 20 discussion on this proposal, or entertaining a motion 21 to support and once there's a second we'll go ahead and further discuss it. 22 23 24 MS. ROGERS: Thank you, Mr. Chair. 25 Through the Chair. I'll go ahead and entertain the 26 motion to support Proposal 80 5 AAC 01237 subsistence 27 limits for chinook salmon on the Yukon River to 28 restrict subsistence king salmon harvest in the middle 29 river and upper Yukon River above Y3 in sections Y4, 30 Y5, Y6. 31 32 Thank you, Mr. Chair. 33 34 ACTING CHAIR NANENG: Okay, motion has 35 been made, is there a second. 36 37 MR. PETER: Second, Mr. Chairman. 38 39 ACTING CHAIR NANENG: Seconded by Phillip Peter. Further discussion on the motion. 40 41 42 (No comments) 43 44 ACTING CHAIR NANENG: Any more 45 discussion on the motion. 46 47 MR. CLEVELAND: Myron. 48 49 ACTING CHAIR NANENG: Yes, go ahead. 50

0285 1 MS. CLEVELAND: Quyana Chair. Without having the proposal in front of me I wish I guess we 2 3 knew more of like the biology side and why they opened 4 it in the first place up there, what was the reason why 5 they were -- the restrictions were lifted, does anyone 6 know that? 7 8 MS. MCDAVID: Deena, are you still on 9 the line with us, we had a question about if you could 10 speak to the lifting of restrictions in the upper 11 river, if that was the case? 12 13 Thanks. 14 15 MS. JALLEN: Hi, yeah, this is Deena 16 Jallen with the Alaska Department of Fish and Game. I 17 couldn't quite hear the question. I think it was 18 asking about when fishing restrictions are lifted in 19 the upper Yukon. 20 MS. MCDAVID: Yes. So the Council's 21 22 currently discussion Board of Fish Proposal No. 80 that 23 was submitted by Mr. John Lamont and they were kind of 24 curious about some of the regulatory -- regulations and 25 how upper river versus lower river restrictions. 26 27 MS. CLEVELAND: Hi, can you.... 28 29 MS. JALLEN: Yeah, for those of 30 you.... 31 32 MS. CLEVELAND: ....hear me? 33 34 MS. JALLEN: .....that follow the --35 can you hear me? 36 37 MS. CLEVELAND: Yeah, if you could not 38 hear my question before I was asking why the 39 restrictions were lifted in the upper river, was there 40 numbers to support the lifting of that restriction? 41 42 MS. JALLEN: Hi, yeah, this is Deena 43 Jallen with the Alaska Department of Fish and Game. 44 Yeah, so those of you that follow the YRDFA 45 teleconferences throughout the season know that we use 46 a variety of information in-season to manage the run as 47 it comes in. As the run is starting to come in we look 48 really closely at the lower Yukon test fishery and at 49 Pilot Station sonar information and that gives us a 50

0286 1 pretty good idea of the number of kings that are coming in-river. We also collect genetic information from 2 3 those fish and then once they send in that data we get 4 an analysis about a week later estimating a percent of 5 Canadian origin fish so that data is usually a little bit delayed. So we're using information from Pilot to 6 7 try to figure out the number of fish that are coming up river. And we really look at run sizes from previous 8 9 years and management actions that were taken in 10 previous years to try to figure out, you know, is this 11 a year where the run is so low that it needs to be, you 12 know, totally closed like this year, or is it a year 13 like 2019 where the run size did look pretty large at 14 Pilot Station sonar that we did allow a fair amount of 15 subsistence harvest, we (indiscernible) meet ANS for king salmon in 2019, as the run progresses up river, it 16 17 takes king salmon about a month to travel between Pilot 18 Station sonar and Eagle sonar, we start looking at 19 counts at Eagle sonar to figure out if enough kings are 20 going to be passing the Border into Canada and so some 21 years, you've probably heard the phrase Oops Management 22 where we maybe heave let fishing happen in the summer 23 and we're looking at the run that looks good but once 24 those counts start coming into Eagle it looks like 25 we're not going to meet the Border escapement goal into 26 Canada and so then we sometimes end up putting, you 27 know, pretty hard restrictions on upper river in 28 District 5 and sometimes they get, you know, Oops 29 Managed, and they get completely closed and that's 30 really unfortunate when that happens. 31 32 You know we do really want people to 33 get kind of even harvest opportunity throughout the 34 run. 35 36 But, yeah, those of you who are 37 following us, you know, all summer during YRDFA calls 38 we know that there's a lot of information, there's a 39 lot to take into account as this run is taking a month 40 to travel up river and so we do the best that we can and we really do want everyone, you know, to get 41 42 harvest opportunity when there's a harvestable surplus 43 available. And so that's -- you know, when you got 44 questions in-season, you know, please ask us in-season 45 and, yeah, I'll leave that at that. 46 47 ACTING CHAIR NANENG: Any other 48 questions. 49 50
0287 1 MS. ROGERS: Yes. 2 3 ACTING CHAIR NANENG: Go ahead. 4 5 MS. ROGERS: Mr. Chair. Thank you. 6 Through the Chair. Piggybacking off of Jacqueline's 7 question of lifted restrictions and knowing that these proposals come out or are created at least two to three 8 9 years ago, so what we're talking about is what was the 10 data information that you had received to lift the 11 restrictions when Y1, Y2 and Y3 were heavily restricted 12 at that time knowing that there was not even 13 opportunity for harvest -- for subsistence harvest to 14 be taking place in regards to those numbers that you 15 had received and in addition to that, learning from our 16 past mistakes as managers and as decisionmakers in 17 regards to subsistence, if there is going to be closure in Y1, Y2 and Y3, I would like to see it consistently 18 19 closed in Y4, Y6 [sic], up past Eagle River [sic] with 20 the same restrictions regarding of what the data is 21 collected in Eagle. 22 23 Thank you. 24 25 MS. JALLEN: Yeah, this is Deena Jallen 26 with the Alaska Department of Fish and Game. So, you 27 know, we really do try to look at the run as it comes in. You know the last few years, especially with 28 29 uncertainty about the forecast we have closed the lower 30 Yukon early in the run while we get a better 31 assessment, or we start seeing some fish in to get an 32 idea of how big the run is. The other thing to keep in 33 mind is that, you know, the river is really different, 34 it's really dynamic as you go up river. In the lower 35 Yukon district you get every stock, every salmon that 36 goes by it goes through those areas and so sometimes 37 fishing periods are short because all the salmon are 38 going by, you know, you have a lot of fish going by per 39 hour. As you get further and further up river, salmon 40 have peeled off into their tributaries, they're going 41 to where they're going to spawn and so sometimes the 42 upper Yukon has what looks like more fishing time but 43 they don't necessarily see as many fish go by during 44 that open fishing time. 45 46 ACTING CHAIR NANENG: Any further 47 discussion or comments. 48 49 50

0288 1 (No comments) 2 3 ACTING CHAIR NANENG: Having fished on 4 the Yukon I'll just make this one comment, that, I know 5 that a lot of people complain about the location of Pilot Station sonar as the site to monitor fish, salmon 6 7 that are going up the river, it's too far up river. Many of the lower Yukon fishermen -- subsistence 8 9 fishermen also have stated that the fact that 10 Department's using the Pilot Station sonar and the test 11 fishery there as to gage the escapement of salmon 12 there's -- it causes loss of opportunity for the lower Yukon, Y1, Y2 fishermen to fish for salmon and we've 13 14 seen that happen more often than not for quite a number 15 of years even before they started the restrictions and 16 closures. 17 18 So there's been suggestions by some of 19 the people on the lower Yukon that maybe you should 20 move that sonar somewhere below Mountain Village so 21 that there can be a better estimate and monitoring of 22 salmon that's going up the river. 23 24 So that's the comment that I've heard 25 before and I'm sharing that and I think that's the 26 reason why John put this proposal together. 27 28 Any more discussion of this Proposal 29 80. 30 31 (No comments) 32 33 MS. ROGERS: Question. 34 35 ACTING CHAIR NANENG: Question's been 36 called. Roll call. 37 38 MS. MCDAVID: I'll restate the motion. 39 The motion is to support Board of Fisheries as -- 80, 40 No. 80 as written. 41 42 Henry Parks. 43 44 MR. PARKS: Abstain. 45 MS. MCDAVID: Phillip Peter. 46 47 48 MR. PETER: Yes. 49 50

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1 2		MS. MCDAVID: Jackie Cleveland.
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 20 30	proposals to dis	MS. CLEVELAND: Yes.
		MS. MCDAVID: John Andrew.
		MR. ANDREW: Yes.
		MS. MCDAVID: James Landlord.
		MR. LANDLORD: Yes.
		MS. MCDAVID: Alissa Rogers.
		MS. ROGERS: Yes.
		MS. MCDAVID: Norma Evan.
		MS. EVAN: Yes.
		MS. MCDAVID: Myron Naneng.
		ACTING CHAIR NANENG: Yes.
		MS. MCDAVID: Motion passes 7-0.
		ACTING CHAIR NANENG: Any other scuss.
		MR. LAMONT: Thank you, Mr. Chairman.
31 32		ACTING CHAIR NANENG: Yeah, go ahead.
36 37 38 39 40 41 42 43 44 45 46 47 48 49	and Council.	MR. LAMONT: Thank you, Mr. Chairman
	John. Okay, do at this time.	ACTING CHAIR NANENG: Yeah, Quyana, we have any more proposals to discuss
		(No comments)
	quick presentat	ACTING CHAIR NANENG: If not I've been vian flu person would like to make a ion so we'll give him the opportunity Avian flu is considered what they call Go ahead.
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0290 1 MR. DANIELS: Thank you, Chair, for 2 allowing me to present this information in committee. 3 4 My name is Bryan Daniels and I'm the 5 Waterfowl Biologist here at Yukon Delta National 6 Wildlife Refuge here in Bethel. I apologize, this is 7 not in your large booklet, I believe Brooke is passing them out now. And then for those in the audience 8 9 there's copies in the back. 10 11 Given this Council normally does not 12 discuss migratory bird issues I was unsure of 13 everyone's background and knowledge on Avian bird flu 14 so I'm going to provide more background in this 15 presentation than like the other presenters, but I'll 16 go as quick as possible given the time. I know 17 everyone wants to go home this evening if they can. 18 19 So this presentation is modified from a 20 couple presentations given by Angel Matz and Eric Taylor as well as myself, I included Yukon Delta 21 22 specific information and data that I have collected 23 this year on Avian influenza. But I do have to say 24 that the Avian influenza response in Alaska was 25 spearheaded by Eric Taylor and Bob Gerlach with the 26 State Veterinary Office. 27 28 Next slide please. 29 30 So just a quick outline. I'm going to 31 go over what highly pathogenic Avian influenza is, I'm 32 going to refer to it as HPAI. I'm going to provide a little bit of history of HPAI, who tracked it this 33 34 year, or the past couple years and then I'm going to 35 give some specifics to Yukon Delta, the risks to humans 36 and subsistence users and then the expectations of HPAI 37 spread for fall and winter. 38 39 Next slide please. 40 41 So this has a lot of words on it but, 42 in general, Avian influenza is caused by a virus, 43 similar to the flu with us, but it's a virus that 44 infects poultry, chickens, domestic ducks and wild 45 birds, especially waterfowl. The pathogenicity is 46 really determined by the ability to produce a disease 47 in domestic chickens so that's how they know how 48 pathogenetic it is, is how easily it's passed in 49 between chickens. And then information on how viruses 50

1 are classified. It's not real important for this topic, for this presentation, but just know that the low 2 3 pathogenic strains occur naturally in wild birds and 4 when we're sampling birds we find a lot of them but 5 they don't cause death or illness. Highly pathogenic 6 are extremely infectious so they transfer between birds 7 very readily, very easily, and are often fatal to chickens and therefore also to other birds. And then 8 9 they're also classified based on where they're from, 10 they're either a European strain or a North American 11 strain. And the current outbreak is a Eurasian strain 12 of highly pathogenic Avian influenza and it's an H5N1 13 is the combination. 14 15 Next slide please. 16 17 So a little bit of history. 18 19 I am not -- first off I am not an Avian 20 influenza expert. The outbreak this year has provided 21 or allowed me the opportunity to learn more about it 22 and kind of dive head first trying to become more 23 knowledgeable on Avian influenza. 24 25 So the current outbreak began in 2020 26 and that was over in Europe and then it slowly spread 27 across Europe and then indicated on the Eastern side 28 and then down in the Lower 48, across the Lower 48 to 29 the West and then as birds migrated back up here from 30 the Pacific and Central Flyways they then -- Avian 31 influenza was found in alaska. The first confirmed 32 case was in late April 2022 and that was in chickens 33 and bald Eagles. And so Fish and Wildlife Service has 34 worked with both State -- or State, Federal and tribal 35 InterAgency groups to address Avian influenza in Alaska 36 by coordinating carcass collections and this was done 37 in order to track the spread of Avian influenza 38 geographically, which species are affected because 39 there is very few species known to be infected of 40 waterfowl species in which we were kind of spearheading 41 the sampling of that, and then also to be able to 42 provide information to subsistence hunters. 43 44 Next slide please. 45 46 So this is the main partners, this 47 isn't all of them but you can see who worked on the 48 collaboration. So the alaska Native Tribal Health 49 Consortium played a big role and then you can see the 50

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0292 1 different Federal partners and the State partners and the Department of Health really played a big role in 2 this and the Federal Veterinarian sample -- or provided 3 4 the analysis of most of the samples sent in. 5 6 Next slide please. 7 8 So tracking Avian influenza the Fish 9 and Wildlife created a phone line for people to call 10 and that's the hotline up there, it's still active. 11 Most of our birds have migrated out but there are still 12 some passerines, so if you find sick and dead birds you 13 can still call in or call me at my office and we can 14 potentially collect them and send them in to get 15 tested. U.S. Fish and Wildlife worked with others to 16 collect all the birds and carcasses for the testing and 17 really the collection depended on the number of birds, 18 the conditions, so if it was fresh or not and 19 logistics, it is much easier for like myself as an 20 agency personnel to send in a bird to another agency 21 personnel and have it paid for and figured out a whole 22 lot easier, coordination, and so a lot of it went 23 through me, here, on the Yukon Delta, and then also the 24 State Veterinarian took the samples and posted the 25 confirmed cases on that website there. 26 27 Next slide please. 28 29 So species affected as of October 4th. 30 You can see there's a lot of species affected, that 31 does not mean that's a total number of birds affected, 32 that's just the number of species known to be affected. 33 And so there was a lot of reports of bald Eagles that 34 did die along the Kenai Peninsula, Mat-Su Valley that 35 were sick and called in and also Northern Harriers and 36 Snowy Owls were affected, and then for water birds, a 37 lot of goose species and then some shorebirds as well. 38 Ravens were affected pretty heavily. And then the 39 gulls, terns and yeagers, the -- the birds that nest 40 communally, so they like to nest in colonies, they nest 41 close together in high numbers were affected more, so 42 the terns, the gulls, the black brant, they all nest in 43 colonies and so they were affected in higher numbers, 44 and then other species that may use the same lakes as 45 them in high numbers were also affected from what I saw 46 here on the Yukon Delta. And then shorebirds and 47 passerines, dunlins and tree swallows, and this list is 48 not extensive, it's just more of a sampling bias of 49 what people find, right, so there's probably more --50

0293 1 there's a lot of room out there where people don't find birds, or they were eaten by predators before they were 2 3 found. We did have domestic poultry and ducks, and 4 then there have been two red foxes in Alaska that 5 tested positive. 6 7 Next slide please. 8 9 So confirmed here on the Yukon Delta, I 10 sent a lot of birds in to Alaska [sic], so you can see 11 there on the list, black brant, glacous gulls, 12 shortbill gulls, ravens, sandhill cranes, chickens and 13 then we also had live birds during some sampling of one 14 mallard and four pintail and those were live birds that 15 we had sampled that were asymptomatic and so we didn't 16 realize they were. So it was -- we did find a lot of 17 dead birds on the landscape that we either sent in 18 whole birds or we swabbed their mouth and their 19 (indiscernible) in order to test for them -- test for 20 Avian influenza and sent in the swabs which made it a 21 lot cheaper and easier to collect more samples than 22 sending in more birds. 23 24 Next slide. 25 26 We did also sample live birds in order 27 to get a better idea of the spread and potential 28 immunities that birds may have to Avian influenza. And 29 so we already had all these birds in-hand during my 30 research and so we also collected blood and oral 31 (indiscernible) swabs, so the oral (indiscernible) 32 swabs will tell us if the birds have Avian influenza at 33 the time we're handling them. The blood collection 34 will tell us if they have immunities so they previously 35 had Avian influenza of some strain that then provides 36 an immunity for this strain. And so we collected blood 37 from 50 emperor geese, 60 black brant, 63 cackling 38 geese, and 6 spectacled eiders. All of these swabs 39 have been analyzed already and surprisingly not a 40 single one had Avian influenza when we handled the bird 41 and given all those species had positive cases of dead 42 birds that we had found it was a little bit surprising 43 that none had positive cases. The blood has not yet 44 been analyzed, they're working on it, I should have the 45 results by December hopefully. And then we did swab 46 225 ducks as well and there were 5 that were 47 asymptomatic that had positive infections. 48 49 Next slide please. 50

0294 1 And so I also provided a lot of outreach this year because there was a lot of questions 2 3 from users and so we put out some FaceBook posts. If 4 you don't follow our FaceBook page, I recommend it. I 5 went on KYUK four times during the summer to discuss Avian influenza. I posted on the local environmental 6 7 observer network. I was sending email updates to Jennifer Hooper at AVCP. And then I also presented 8 9 much of this information at the Waterfowl Conservation 10 Committee meeting. And if you guys are interested in 11 more waterfowl management and research I recommend you 12 sit in and attend those meetings. 13 14 Next slide please. 15 16 So the big thing is what is the risk to 17 humans, that's more what we worry about when we talk 18 about this stuff. We worry about the populations of 19 birds but also being subsistence users we worry that 20 they're a big subsistence resource. And so thankfully 21 this outbreak, the risks are considered low to humans 22 and that doesn't come from Fish and Wildlife, that 23 actually comes from the CDC. There have been two 24 reported cases in the world, one in the U.S., both had 25 mild symptoms, both people actually worked at chicken 26 farms so they're in hen houses with infected chickens in close quarters and that's who got it, it was not 27 28 people out in the communities and what not. So the 29 likelihood of subsistence users getting it would be 30 even lower. 31 32 Next slide please. 33 34 So the risk to humans and hunters, just 35 like all flu viruses they can be killed with heat. So 36 there was advice that was created for subsistence users 37 with the tribal and State health agencies, which is 38 very similar to USDA advice for hunters. The main 39 takeaway is to make sure that you cook the game and the 40 eggs thoroughly to an internal temperature of 165 41 because that's what kills the virus for sure and also 42 don't harvest game that appears sick or found dead. We 43 did get reports of birds swimming in circles with their 44 heads going crazy. It's a neurological disorder and 45 once it gets into their neurological system it's 100 46 percent mortality rate and so those birds we know had 47 it so it's important that people do not harvest those 48 birds. And then we -- a lot of our outreach was 49 similar to how you'd handle Covid, right, so in the 50

0295 1 very beginning wear gloves, protect yourself, don't eat or smoke when you're handling the game, just to limit 2 3 the transfer to your mouth or eyes and then keep it 4 away from yourself and make sure you cook it. 5 6 Next slide. 7 8 Risk to other animals. There have been 9 a lot of other species that have been -- that have 10 contracted this surprisingly. A lot of them have been 11 scavengers. And the current outbreak has been detected 12 in two red foxes in Alaska. I believe they've both been on the Aleutian Chain. Then in North America, 13 14 raccoons, skunks, possums, bobcats, coyotes, and then 15 harbor seals on the East Coast, grey seals and mink. 16 And, once, again, that could just be an availability 17 bias and may occur in other species, we just haven't 18 found any and sampled those species. It has not been 19 detected in any dogs in North America, but dogs that 20 eat infected carcasses may be at risk just like foxes 21 and other scavengers. It has not been detected in 22 marine mammals in Alaska, although Avian flu viruses 23 can be found in marine mammals and this one was 24 detected in seals in Maine. And so the National Marine 25 Fisheries Service has tested for it and there archiving 26 the samples and they're monitoring -- I don't think the 27 samples have been run yet. 28 29 Next slide. 30 31 So the expectations for fall and 32 winter, we really don't know. There's a lot of 33 variables that we can't control. But we do know that 34 this strain of Avian flu likely won't go away and 35 that's based on multiple migration cycles in Europe, 36 it's been two years and it's still around. And so we 37 figure that it's still going to be around here for at 38 least another year to two years. And then as a they 39 migrate south, which they're doing now, they stage in 40 coastal lagoons and estuaries and winter on the Alaska 41 Peninsula which may result in additional mortality 42 because they are coming together in higher densities 43 and then the drought in California will also 44 concentrate the winter birds in remaining wetlands which may result in additional mortality. But what we 45 46 hope is that birds that have survived an infection may 47 be immune so additional mortality might not occur if a 48 lot have immunities, which is why we collected the 49 blood to see how many birds in our samples had the 50

0296 1 immunities. 2 3 Next page please. 4 5 So how long does Avian influenza 6 survive in the environment. So for people it can be 7 removed from clothing and surfaces by detergents and disinfectants and heating and drying will inactivate 8 9 them, so basic cleaning of surfaces, your clothes, 10 things like that will inactivate the flu. However, the 11 virus do persist in soil, feces, and pond water for 12 varying amounts of time especially in cool wet 13 conditions, which we live in cool and wet conditions 14 out here and so it can persist for many years and other 15 studies have shown that it can last in the water for 16 two to three years in high amounts. So if you're 17 looking for one small benefit of Typhoon Merbok on the 18 Coast it definitely diluted all the AI on the Coast and 19 it doesn't survive very well in saltwater so in the 20 high density nesting areas on the Coast it's all 21 diluted now so it's likely not in the environment there 22 so that's one tiny benefit if you want to look for one. 23 24 Next. 25 26 So here's just some resources to learn 27 more or get more information about Avian influenza. 28 And so there's a handful of pages. There's the Alaska 29 -- I'm not going to go in order on there, but there's 30 an Avian influenza page, the DHSS page, the third one 31 down, then there's also the fifth one down, the AFIS 32 (ph), National APAI case counts in wild birds, that's 33 for the whole North America but if you type in Alaska 34 it will come up with just all the Alaska birds if 35 that's what you're interested in. 36 37 Next. 38 39 And then, once, again, just if you find 40 dead birds or sick birds you can call in on the hotline 41 or go on to the email and report them and then I put my 42 information on that slide in case you have any 43 questions or want to talk anymore about Avian influenza 44 I'd be happy to. 45 46 So thank you for your time. 47 48 ACTING CHAIR NANENG: Thank you, Bryan. 49 They said you were going to leave at 4:30 so I'll give 50

0297 1 you an opportunity to leave. 2 3 MR. DANIELS: Thank you. 4 5 ACTING CHAIR NANENG: One question. 6 7 MS. CLEVELAND: Quyana Chair. I was wondering of the 163 birds found dead in Alaska, is 8 9 that right, they were found dead, how many of those 10 were from this area, from the YKDelta, if you happen to 11 know? Thanks. 12 13 MR. DANIELS: So I think of -- on that 14 list those are -- those are the count birds that we 15 actually sent in for testing, those don't actually count the birds that we found dead, yes, that total --16 17 that's actually in August so that's an older number, 18 but just in one of our study areas we found over 100 19 individual dead birds, but it seemed to be like there 20 was a core area where Avian influenza hit harder and 21 then as we moved further north on the Yukon Delta Coast it became less apparent. There were still dead birds 22 23 but there were less intense and so I know -- I have a 24 map -- I'm trying to write kind of a storyline of what 25 happened on the Yukon Delta for Avian influenza in 26 Western Alaska and it seems like around Nelson Island 27 was the most intense and then as you moved further 28 north it was less and so that does not include every 29 single bird that was found dead it's just what was sent 30 in and tested. 31 32 ACTING CHAIR NANENG: Any more 33 questions. 34 35 MS. ROGERS: One more. 36 37 ACTING CHAIR NANENG: Make it short. 38 39 MS. ROGERS: Thank you, Bryan, for your presentation. I was wondering if this will affect 40 41 small birds like -- like our sparrows and our ones that 42 stay around year-round because we -- there were a 43 couple of birds that were dead over by the house and we 44 didn't know our kids picked them up and I was like 45 freaking out so does it affect the really small ones 46 too? 47 48 MR. DANIELS: I cannot say with any 49 confidence. Once, again, that's more availability 50

0298 1 bias, right, so the birds are really small, they're harder to find, people don't detect them as much and 2 3 then people assume they ran into a window or something 4 else happened and they don't send them in or call and 5 get tested and so unless they get tested we can't say but as of this point, in Alaska, there have been no 6 7 passerines, so small birds, chickadees, robins, sparrows that have tested positive. I know a couple 8 9 tree swallows have, so that's one thing but I don't 10 know of how many others have been tested, personally. 11 12 ACTING CHAIR NANENG: Was there someone 13 online with a question. 14 15 MR. SHEPPARD: Yes, Mr. Chair, this is 16 Stanislaus Sheppard. 17 18 ACTING CHAIR NANENG: Go ahead, Stan. 19 20 MR. SHEPPARD: Quyana, through the 21 Chair. Bryan, with all this Avian influenza with the 22 other birds getting infected and some of the animals, 23 does the Department of Health ever document any humans 24 getting this flu? That's my question. Quyana. 25 26 MR. DANIELS: Thank you. Through the 27 Chair. Yes, there have been two people that have been 28 documented. One in the United States, one in Europe. 29 Both of which work in chicken farms in high numbered --30 or high density bird areas that had tested positive but 31 there have been no positive cases in humans outside of 32 those two. 33 34 ACTING CHAIR NANENG: Thank you. Any 35 more questions. 36 37 Thank you, very much. MR. SHEPPARD: 38 39 ACTING CHAIR NANENG: Any more 40 questions. 41 42 (No comments) 43 44 ACTING CHAIR NANENG: If not we'll go 45 into the next agenda item and I'd like to call upon 46 Donlin Creek to make a presentation. But before they 47 come on I have to make a disclosure, I'm a Calista 48 Corporation Board of Director member and Donlin is 49 working closely with Calista, so just to let everyone 50

know. MR. FERNANDEZ: Hi. For the record my name is Enric Fernandez and I am the Permitting and Environmental Manager for Donlin Gold and sitting next to me. MS. WILMARTH: Good afternoon. My name is Rebecca Wilmarth, Community Relations Supervisor for Donlin Gold. Thank you. MR. FERNANDEZ: Yeah. And also just know that on the phone we also have our biologist Marguerite (Indiscernible) with outreach in case there are some questions. MS. MCDAVID: Sorry, before you folks get started I just wanted to point out to everyone there is some information in the meeting book on Page 238 that our presenters provided and there's also a copy of the presentation on the back table. Thank you. MR. FERNANDEZ: Thank you. So we were invited here today to speak about some topics of importance to this Council. Next slide please. Next slide please. MS. MCDAVID: My computer's froze so. REPORTER: What was your name? MR. FERNANDEZ: E-N-R-I-C. Thank you. REPORTER: MR. FERNANDEZ: The pressure is on. MS. MCDAVID: Yeah. (Pause) REPORTER: Rebecca is it Wilmark, M-A-R-K. 

0300 1 MS. WILMARTH: T-H at the end, W-I-L-M-2 A-R-T-H. 3 REPORTER: 4 Thank you. 5 6 ACTING CHAIR NANENG: I do believe the 7 Council members have a presentation in front of them, 8 we can.... 9 10 MS. MCDAVID: Do you have one? 11 12 ACTING CHAIR NANENG: Yeah. We can go 13 ahead and start. 14 15 MR. FERNANDEZ: Okay. All right. So 16 I'll just use the numbers on the slides. 17 18 So, yeah, we were invited here today to 19 speak about some topics of importance to this Council. 20 I'm looking at Slide No. 2. 21 22 Specifically Donlin Gold's barging 23 plans and potential impacts, also to provide a summary 24 of rainbow smelt studies completed by Donlin Gold and 25 to introduce the Donlin Gold Advisory and Technical 26 Review and Oversight Committee, or DATROC. These are 27 large topics that deserve an in-depth discussion and 28 given that we only have 15 minutes today we will only 29 be able to present information at the high level but I 30 want to ensure this Council that we would love the 31 opportunity to continue the conversation in the future 32 in more detail and with more time. 33 34 Donlin is conducting multi-year studies 35 to increase our knowledge of the river system. And by 36 doing so we can make informed decisions about how to 37 minimize potential impacts from our barging operations 38 with input from the stakeholders. 39 40 Slide No. 3. 41 42 Donlin Gold has proposed development of 43 an open pit gold mine approximately 10 miles north of 44 the village of Crooked Creek. The mine is located on 45 Alaska Native Corporation lands owned by Calista 46 Corporation and the Kuskokwim Corporation to develop 47 the project in a safe and environmental manner 48 including minimizing risk to the Kuskokwim River and 49 subsistence activities. And all this while providing 50

0301 1 jobs to Calista, incorporation, shareholders and their families and create economic opportunities for the YK 2 region. Donlin Gold has not started construction or 3 4 barging operations. Donlin Gold's owner companies is 5 Nova Gold and Barrick Gold have not decided on whether the project will be constructed or not. At the 6 7 present, project activities are focused on advancing permitting, drilling, project design optimization, 8 9 community outreach, work force development and 10 continuing environmental studies. 11 12 Slide 4. 13 14 The project includes three components. 15 First the mine site. Second, a pipeline from Cook 16 Inlet to the mine site to transport natural gas that 17 will be used to generate electricity to power the mine. 18 The pipeline will be buried and roadless. And, third, 19 a transportation system to bring diesel fuel and 20 supplies to the mine site including the barging. 21 22 So let's start with the barging. 23 24 The cargo for the project will be 25 shipped from Pacific Northwest ports via ocean barges 26 towed by tugs to Bethel, cargo would be offloaded at 27 Bethel and loaded into river barges where barges would 28 then take supplies from Bethel to a new port up river 29 near Crooked Creek that will be named Jungjuk Port. 30 Supplies would then be offloaded at the Jungjuk Port 31 and trucked a 30 mile road to the mine site. And then, 32 of course, the reverse process for goods leaving the 33 mine site. 34 35 Next slide. 36 37 Barging plans are sized to match the 38 activity and needs of the project. During construction 39 of the project, which is expected to last approximately four years there would be 30 barges per season arriving 40 41 to Bethel from ports in the Pacific Northwest, then we 42 would need 69 river barge trips from Bethel to Jungjuk 43 Port to transport all goods. I should note that during 44 the first two years of construction there would also be a need for 20 river barges trips per year to Red Devil, 45 46 which is just above Stony River to support construction 47 of the natural gas pipeline. After construction is 48 complete we would move into the mine operation phase, 49 which is expected to last approximately 27 years. Our 50

0302 1 plans during operations account for 26 ocean barges arriving to Bethel from Pacific Northwest ports and 122 2 3 river barge trips up river to Jungjuk Port per season 4 annually. Each barge roundtrip is expected to take 5 about 81 hours. So if a person were to stand 24 hours on the bank of the river that person would see three 6 7 barges per day passing, one up, two down, or two up, 8 one down, some combination of that. 9 10 Next slide please. 11 12 The river barge fleet includes four 13 sets or tugs and barge sets, two for general cargo and 14 two for diesel fuel transport. Each cargo barge 15 includes on pusher tug and four rear barges, like the one shown in this illustration. The fuel barges will 16 also include one pusher tug and four doublehull barge 17 18 -- doublehull river barges. The barges would be 19 designed as shallow draft barges and operate 24 hours 20 per day, seven days per week during the barging season 21 which is normally May through September. 22 23 The potential impacts from barging to 24 aquatic life and subsistence activities in the 25 Kuskokwim River was considered through the planning of 26 the project and the environmental analysis conducted by 27 the U.S. Army Corps of Engineers. One of the things 28 that Donlin did to minimize barging effects was to 29 include in the project design the natural gas pipeline 30 which greatly reduced the number of barges in the river 31 that were for transfer of fuel. The environmental 32 analysis looked at issues like spill, erosion, effects 33 to fish and potential fish stranding, impacts to 34 rainbow smelt spawning habitat or potential conflicts 35 with subsistence activities in the river. This is not 36 a comprehensive list but show the key concerns 37 analyzed. Generally after careful evaluation and 38 consideration of environmental controls and operational 39 plans, these were considered to have little effect. 40 Rainbow smelt and barging conflict are two of the 41 greatest concerns that we hear from communities and I'm 42 going to talk more about it here. 43 44 For rainbow smelt which generally 45 spawns near Upper Kalskag, the concern is barges could 46 disturb the sediment where they spawn. The EIS 47 determined that this would be depth of less than 10 48 feet or about depending on the substrate whether it's 49 fine sediment or gravel. Studies show us that the 50

0303 1 smelt only spawn near Upper Kalskag and then down from there and most places in the channel not likely to be 2 affected by the barge operations. Donlin is committed 3 4 to continue studying the rainbow smelt and monitoring 5 effects after operations would start. 6 7 And with regards to potential 8 interruptions to subsistence, we talked to barge operators that are currently working in the river and 9 10 also operators from other rivers and we also talked to 11 people that usually are involved in subsistence and 12 generally agreed that when there are issues that occur, 13 they are due to a lack of communication. With that 14 knowledge we worked with the communities and barge 15 operators and developed a barge communication plan. 16 17 Next slide. 18 19 Actually that's a good one there. 20 21 So let's start talking about the 22 rainbow smelt. Donlin is continuing to learn about the 23 rainbow smelt to increase the understanding of this 24 species lifecycle in the river including work --25 including when they spawn, where do they spawn and how. 26 We're also looking at potential effects of barging on 27 rainbow smelt. The Corps of Engineers completed a 28 thorough review but we are continuing to work with more 29 refined work. It's important to continue to evaluate 30 potential ways to minimize effects to the rainbow 31 smelt. 32 33 Next I will show a summary of the work 34 completed so far to understand the life history of the 35 rainbow smelt, and also other studies that we have 36 started to -- that we're also working to understand the 37 navigation of the river and also to continue to 38 evaluate the effects on the rainbow smelt. 39 40 Next slide. 41 42 So this map shows the general location 43 of the rainbow smelt spawning, you can see Upper 44 Kalskag and this includes records between 2014 and 2020 and you can see just from a little bit above Upper 45 46 Kalskag to around, you know, 27 miles below. 47 48 Next slide. 49 50

0304 1 We started the rainbow smelt studies to support the environmental impact study. At the time 2 3 there was very little known about the rainbow smelt. 4 We gathered all the traditional knowledge information 5 that we could from folks and started working on the fish. We studied the timing, place of spawning, we now 6 7 have seven years of data. In 2014 and 2015 we studied the type of habitat where they like to spawn. Then we 8 9 started coming up with more questions like, you know, 10 for example, how old are the fish, which could be 11 useful for monitoring in the future. And last, but not 12 least, last year we did the most ambitious work yet and 13 conducted a study to determine when the rainbow smelt 14 hatch and how the larvae completes their out-migration 15 to the Bay. 16 17 So these are some of the major 18 conclusions. 19 20 Spawning migration occurs mid- to late-21 May and spawn the last week of May. They spawn in a 27 mile range from the Bluffs up stream of Bogus Creek to 22 23 just up stream of Upper Kalskag. They like to spawn on 24 the sides of the main navigational channel between 25 eight and 24 feet depth. The eggs incubate for 26 approximately two to three weeks before hatching and 27 the bulk of the larvae out-migrate down the Kuskokwim 28 over a period of four days, though low densities may 29 continue to hatch and be found in the river over the 30 following two weeks. Most of the spawning adults, 31 adult fish are three years old and I'll let you know 32 that the larvae report is still in draft mode and we'll 33 be happy to share that with you when it's complete. 34 35 Next slide. 36 37 There are other studies in the river 38 that we continue to work on, for example, this year we 39 resurveyed the narrow points in the river that were originally surveyed in 2010. We want to know how the 40 41 river is changing at those points. This is something 42 that it's important for the safe passage of the barges 43 and also to prevent stranding. We're also doing a 44 bathymetric survey -- well, we just finished it -- we also did a bathymetric survey of the rainbow smelt 45 46 habitat which we will use to model the propeller and 47 vessel effects on the majority of the habitat so if we 48 can see if there is other ways that we can minimize 49 potential effects of barging to the rainbow smelt. 50

0305 1 Next slide. 2 3 So we have a barge communication plan 4 to inform regular users of our activities. This plan 5 is not final. It was prepared with the input of residents and barge operators and will be updated ahead 6 7 of the start of barging. People will be able to know when the barges will go by. There will be 8 9 informational meetings before and after the barging 10 season. People will be able to look at the schedules 11 via multiple ways, internet postings, phone apps. 12 Subsistence fishers will also be able to communicate 13 with the barges, via VHS, cell phone, et cetera. And 14 there will be a process to resolve issues if those 15 occur. There will be designated people that will be 16 able to receive concerns and work to resolve the issues 17 and there will also be a way to elevate those issues if 18 they don't get resolved. 19 20 Rebecca. 21 22 MS. WILMARTH: Next slide. All right, 23 thank you Enric. You all requested some information on the Subsistence Community Advisory Committee. The SCAC 24 25 is one of Donlin's Advisory Technical Review and 26 Oversight Committee. We are forming a variety of 27 committees the first of which will be the subsistence 28 committee. As Enric mentioned in the beginning, Donlin 29 Gold is located on Calista and TKC lands and in those 30 agreements with the land owners there's a requirement 31 to form the DATROC. It includes members of Calista, 32 TKC and Donlin Gold and then below the DATROC there are 33 these various subcommittees and we are actively looking 34 for members to join the subsistence committee. The 35 purpose is to -- they function a lot like this Council 36 here, you all meet and make recommendations to the 37 Federal Subsistence Board or Fish and Game's Advisory 38 Committees, this will be much of the same thing, folks 39 from the public have an opportunity to speak and share 40 concerns and those all get elevated to the project owners and the land owners. And so we encourage anyone 41 42 who is interested and who wants to have a voice during 43 the project operation to apply. There will be 44 additional committees following the subsistence 45 committee but we know that subsistence is a big 46 priority. 47 48 So if you go to the next slide there's 49 some information on how to apply. There's a website 50

there, it's a very simple application process. MR. FERNANDEZ: And the barging is something that will be covered under the subsistence advisory committee. MS. WILMARTH: Next slide. MR. FERNANDEZ: I think that's it. MS. WILMARTH: That's it. ACTING CHAIR NANENG: Okay. Quyana for the presentation. Any questions from the Council members. Jackie. MS. CLEVELAND: Quyana. Through the Chair. In the beginning did one of you mention that you're focusing on the erosion as well? MR. FERNANDEZ: Yes, that was something that was looked into. We're looking at the erosion. Part of the -- part of the work that we'll actually be doing with -- once we get the bathymetric data processed for the river that we collected this summer, we're going to be using software that was developed for the Corps of Engineers, you can actually get a, you know, a model, a vessel passing by and see the -- kind of the wave effect. And then we also have a monitoring station that we'll put in Kalskag, Upper Kalskag, there. MS. CLEVELAND: Thanks. ACTING CHAIR NANENG: Any more questions from Council members. MR. PARKS: Mr. Chairman. (No comments) MR. PARKS: Mr. Chairman. (No comments) MR. PARKS: Mr. Chairman. 

0307 1 (Laughter) 2 3 ACTING CHAIR NANENG: Turn off your mic 4 over there. I was wondering why his voice that way. 5 Go ahead, Henry. 6 7 MR. PARKS: Yeah, Quyana. I have a 8 question. You said you quys will have a subsistence 9 committee members, how many members will that be, how 10 many committee members? 11 12 MS. WILMARTH: I believe it's 12. 12 13 -- I believe it's 12 person, so there's different 14 region -- so the TKC villages will have a seat, the 15 lower river will have a seat, the upper river will have 16 a seat so there are different regions for which you can 17 qualify for. Does that answer your question. 18 19 MR. FERNANDEZ: The minimum is 8, the 20 maximum is 12. 21 22 MR. PARKS: Okay. 23 24 MR. PETER: Mr. Chairman. 25 26 ACTING CHAIR NANENG: Go ahead. 27 28 MR. PETER: (In Yup'ik) 29 30 INTERPRETER: he's going to speak in 31 Yup'ik so put your headsets on. 32 33 MS. MCDAVID: If you guys want to put 34 on your headsets, please. 35 36 MR. PETER: (In Yup'ik) 37 38 ACTING CHAIR NANENG: Yeah, go ahead. 39 40 (In Yup'ik) MR. PETER: 41 42 INTERPRETER: Our Kuskokwim River, it's 43 my -- that's where I was born and became aware living 44 on the river ever since I was a baby, a boy. And I know the fish that are swimming up river to other 45 46 rivers. I know of the rivers. And I've gone into all 47 the rivers when I was a young child, a young man. And 48 also -- and I know where they spawn. 49 50

0308 1 The Kuskokwim River is different now. 2 3 Long time ago it used to be full and That's 4 the current was strong, it was like one river. 5 how I became it was one river and it had strong 6 current. And the high waters were to receive Akiachak, 7 Kwethluk, Akiak, Tuluksak, they would have water come up to the villages, high water. 8 9 10 And also its main river nowadays in our 11 time, it is changed. From Akiak to -- up to Kwethluk, 12 Bogus Creek, Bogus Creek. Since from there it has 13 changed, the old Kuskokwim up to (In Yup'ik) above 14 Kuskokwim, the river that goes through to Yukon, it has 15 a Yup'ik name (In Yup'ik) and from there it reaches 16 Whitefish Lake below Kalskag, the lake below Kalskag 17 and there are giant whitefish, that's where we get 18 whitefish and the smaller whitefish. People from my 19 village still go get whitefish from that Whitefish 20 Lake, the big whitefish. And from there on, when you 21 go further up there's -- and then after you pass the 22 Whitefish Lake you go on to a clear river, and then 23 below Brown Slough there's two rivers, old rivers, 24 those two are -- we need to be careful around them, 25 there's danger -- it's a dangerous area because if you 26 enter it the wrong -- if you don't enter it through the 27 main river when you -- when you go back you will reach 28 shallow water and get stuck. And from there on you go 29 into another river that has strong current and you 30 reach Crooked Creek and it's a good river. And below 31 Amakaski (ph), it's around Chuathbaluk, they call it 32 Amakaski (ph) and when you go further up you'll get to 33 Napaimute right across Napaimute there's a river called 34 (In Yup'ik), these rivers have Yup'ik names, (In 35 Yup'ik) is there. 36 37 I know these things, that's why because 38 for the concerns of the rivers I know where the fish 39 swims up river. I've gone to Holitna and HoHolitna. 40 When I went up Holitna River I reached a lake and there 41 was like a -- like weir made out of wire at the end of 42 Holitna and there was so many fish. The fish that are 43 getting ready to go spawn and the coho fish and when 44 the biologist came, when they opened the gate -- the 45 gate I went to have coffee with them. 46 47 ACTING CHAIR NANENG: Phillip. 48 49 MR. PETER: (In Yup'ik) 50

0309 1 ACTING CHAIR NANENG: (In Yup'ik) 2 3 MR. PETER: (In Yup'ik) 4 5 INTERPRETER: Yes, I have a question. 6 If the barges keep going up river, when will the barges 7 start heading up river and going up non-stop when this -- when this becomes -- when this passes through, how 8 9 many times are they going to go up river, up and down the river with a full barge, heavy barge. You said 10 11 when you -- when you go very fast -- when you go full 12 forth with a barge it makes giant waves, maybe three or 13 four feet. When we go after a barge we go through the 14 waves, how fast are the barges going to go? 15 16 This is it for now because I am afraid 17 -- afraid for our fish and for the smelts because --18 because in May we fish for the smelts. My wife hangs 19 the smelts to this day. 20 21 ACTING CHAIR NANENG: (In Yup'ik) 22 23 MR. PETER: (In Yup'ik) 24 25 INTERPRETER: I want to ask this 26 because you said you would go 24 hours seven days a 27 week that you're going to keep going back and forth. 28 29 My question. 30 31 Are you going to go back and forth 24/7 32 or is it something different? 33 34 ACTING CHAIR NANENG: Can you answer 35 his question? 36 37 MR. FERNANDEZ: So your words are 38 spoken from the heart and they speak of a lot of 39 wisdom, we'll make sure that they're heard by Calista 40 and TKC and the owners too. To answer your question 41 about the barges, they will be going 24/7 in operation. 42 Now there is -- there are times if the river is -- when 43 it reaches to a certain flow that the barges will not 44 be navigating, okay, they will stop barging, I think it was 36,000 cfs, it could be (indiscernible) measured in 45 46 the Crooked Creek USGS station, okay, so that is one of 47 the lower boundaries that we have right now as long as 48 we get more flow beyond that we will be barging. 49 50

0310 1 Did that answer your question, sir. 2 3 MR. PETER: Yeah. 4 5 INTERPRETER: That's my question about 6 them going back and forth. Oh, and how fast are you 7 going to be going with the barge because earlier he 8 said when you go full speed you make big waves. 9 10 MR. FERNANDEZ: Yeah, I can't tell you 11 exactly the speed. I know the barges will be operating very slow and moving very slow up the river that's why 12 13 it takes 81 hours to go from Bethel to Jungjuk so I --14 I can't remember exactly the speed but I can get back 15 to you on that. 16 17 MR. PETER: Yeah, Quyana. 18 19 INTERPRETER: Thank you. 20 MR. FERNANDEZ: Quyana. 21 22 23 ACTING CHAIR NANENG: Jackie, did you 24 have a question. 25 26 MS. CLEVELAND: No, 27 28 ACTING CHAIR NANENG: Any more 29 questions from the Council members. 30 31 MS. ROGERS: Mr. Chair. 32 33 ACTING CHAIR NANENG: Go ahead. 34 35 MS. ROGERS: I have comments that I 36 would like to make. Thank you for your presentation. 37 Thank you for being here. It has literally has taken a 38 very long time for you to finally meet so I really 39 appreciate you guys being here in person because I've 40 been fighting for you guys to come to these meetings 41 and be here to hear us out especially when it came to 42 the times of -- when you guys were asking for what is 43 very important for subsistence users and users out here 44 in the region and we weren't being heard. We wrote 45 letters. We talked to the Federal Subsistence Board to 46 advocate on our behalf. We sent in on the EIS. We sent 47 in information in regards to your deadlines and we 48 still haven't' heard anything. So I really appreciate 49 you guys being here in person because it really means a 50

0311 1 lot to finally put a face to what's been asking so much 2 from us. 3 4 With that being said, I don't believe 5 that barging and rainbow smelt is the only 6 representation of our concerns because we have a lot of 7 concerns. We have been advocating for our people, for their rights to the land, the water, the air when the 8 9 mine was just a whisper in someone's ear and someone 10 decided to whisper into someone else's ear and say, 11 hey, by the way a mine is coming, you better prepare. 12 There is a lot of missing details in the information 13 you have given us even though it is a very 14 comprehensive one, we still don't -- we still have more 15 concerns outside of barging and rainbow smelt. 16 17 There is a -- and I don't feel that our 18 people, our concerns, our worry, our fear for our 19 children has been heard. 20 21 In the NEPA process and the EIS 22 actually was misused against our people. The people 23 have advocated for our region and they also didn't want 24 Donlin Gold to continue the development of the mine. 25 As the people had advocated many times in our meetings 26 that they rely on subsistence to survive and this is 27 their homestead, this is where they've decided to 28 reside, in the communities that they chose as their 29 ancestors did for millennia. 30 31 Our natural resources is supported by 32 the ecological aspects and sensitivity of the renewable 33 sources. We are a subsistence economy and therefore 34 are directly linking our people to the land and water. 35 They have to go subsistence gathering to sustain their 36 lives. As I remind again that we are the poorest and 37 the largest here and we don't have any other economy to sustain or (indiscernible) these people. And not only 38 39 is that, we have to go subsisting, gathering to sustain our lives because look at us right now, we have no 40 41 caribou, we have no fish, families are starving, people 42 are hurting, we're relying on other resources that may 43 not be able to sustain the type of, and/or amount of 44 subsistence that we need to survive, we see family struggling with alcohol and drugs, we see families now 45 that are breaking apart because it's hard for men to 46 47 see their families suffer so they take it out on 48 themselves and they become destructive. 49

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0312 1 ACTING CHAIR NANENG: As Chair, if you 2 have a question regarding what they..... 3 4 MS. ROGERS: I said it was a comment. 5 6 ACTING CHAIR NANENG: No, if you have a 7 question, I'd prefer to have that as a question because I want to get out of here before 6:00 o'clock. I don't 8 9 want long speeches, I want you to have a question 10 that's to the point.... 11 12 MS. ROGERS: Okay, I'll get to my 13 question. 14 15 ACTING CHAIR NANENG: .....because 16 we've -- because we've talked about the issues that are 17 affecting our people, the subsistence and, you know, 18 I'd like to get out before 6:00 o'clock so I can go to 19 the bank and pay myself for being here. 20 21 (Laughter) 22 23 ACTING CHAIR NANENG: So if you have a 24 question I'd appreciate it, if not I don't mean to cut 25 you off but as the Chair I'd like to get done with the 26 meeting as soon as possible, we've got other agenda 27 items to cover. And for some of these agenda items 28 we're going to have to postpone them to the next 29 meeting. 30 31 MS. ROGERS: Okay. 32 33 ACTING CHAIR NANENG: Okay. 34 35 MS. ROGERS: Really quick. So as we 36 are recognized by the United Nations Declaration of 37 Rights of Indigenous Peoples, how would you say or how -- and you can get back with me on this question, but 38 39 how does that apply in us being recognized by the UN, defines the individual and collective rights of our 40 41 people, including the ownerships to our cultural 42 ceremonial expressions, identify, language, employment, 43 health and other issues when we aren't -- when you're 44 saying that we're only being concerned about barging 45 and smelts when we have so much more to lose. 46 47 Thank you, Mr. Chair. 48 49 ACTING CHAIR NANENG: Thank you, 50

0313 1 Alissa. Any more questions regarding the presentation. 2 3 MR. PARKS: Mr. Chairman. 4 5 ACTING CHAIR NANENG: Yes, go ahead. 6 7 MR. PARKS: I have one quick question, 8 thank you, Mr. Chair. I know that this is going to be a big, big issue that Donlin Gold, if it happens to go 9 10 forward. Okay, now, I have a question. Now, they will 11 build a dam in that creek, right, okay, so will there be like a secondary dam? The reason why I ask this is 12 13 because sometimes during breakup season, springtime, 14 breakup time, the water level is really high, you know, 15 it can mess -- it can go up to the riverbank and overflow all over the river up there, even creeks. 16 17 18 So that's my question. 19 20 Thank you, Mr. Chair. 21 22 MR. FERNANDEZ: So the project will 23 include seven small dams -- sorry, seven dams, some of them small, some of them bigger, you know, the dam that 24 25 I'm sure that you're referring to though is probably 26 tailings dams, okay. So the tailings dams will be 27 located on a creek that is named Anaconda Creek, which 28 is a tributary of Crooked Creek and, of course, Crooked 29 Creek is a tributary to the Kuskokwim. Anaconda Creek, 30 just to put it in kind of context is a small creek, 31 right, you can jump over, hop over, it's very shallow. 32 But the dam will be designed to the highest standards. 33 It's also designed to, you know, account for extreme 34 flood events. Okay, yeah. 35 36 ACTING CHAIR NANENG: Okay, thank you. 37 38 MR. FERNANDEZ: If I could just make a 39 comment. 40 41 ACTING CHAIR NANENG: Go ahead. 42 43 MR. FERNANDEZ: People don't have to 44 choose between subsistence and the mine, you can have 45 both. 46 47 ACTING CHAIR NANENG: Thank you, very 48 I've got one person that is on the line that much. 49 wanted to make a presentation. I thank you for your 50

0314 1 presentation. I'm sure we're going to hear a lot more reports on this and a lot more comments..... 2 3 4 SOPHIA: Question. 5 6 ACTING CHAIR NANENG: .....between the 7 time that they may start so it's an ongoing thing, it's going to be a long time before, if it ever happens. So 8 9 keep in mind that a final decision has not been made. 10 11 TUNTUTULIAK: Mr. Chair. 12 13 ACTING CHAIR NANENG: So as Chair I'll 14 go on to the next item on the agenda. 15 16 Yes. 17 18 REPORTER: You got somebody on the 19 line. 20 21 ACTING CHAIR NANENG: Okay. Before I 22 go to the radio, I'll recognize that young lady for her 23 question. And make it short. 24 25 : Quyana, Mr. Chair. And thank you 26 both for being here and presenting. I just had a quick 27 question. I'm really excited..... 28 29 REPORTER: Would you identify yourself 30 please. 31 32 SOPHIE: Oh, yes, sorry. I am Sophie 33 (Inaudible) and I'm from Bethel. So I was wondering --34 I know that this has began with the subsistence 35 advisory committee for -- since 2018 and the seats have not been filled but I just would like to request that 36 37 everybody on this Council sitting right here today receive a copy of the HIA that went into creating the 38 39 EIS and I just want to mention for everybody here as 40 well that the methane mercury hair concentrations is a 41 negative impact in that HIA statement, or assessment, 42 and it says, increased mercury released into sources of 43 ground water or surface water above accepted levels, 44 then methane mercury concentrations in residents could 45 experience small but important increase for a period of 46 time after the events if fish consumption patterns do 47 not change. It is saying that we need to change how 48 much fish we are consuming and I think that this HIA 49 has very important information and I do kindly request 50

0315 1 that everybody has access to that information. 2 3 Thank you. 4 5 ACTING CHAIR NANENG: Quyana. Go 6 ahead. 7 8 MR. FERNANDEZ: I would like to note, 9 too, that the HIA was based on some mercury emissions 10 for the project that were very conservative and there's 11 new mercury emissions for the project that are more 12 realistic as well as still conservative. 13 14 ACTING CHAIR NANENG: Okay. Question 15 on the line. 16 17 (No comments) 18 19 ACTING CHAIR NANENG: Anyone online 20 with a question. 21 22 (No comments) 23 24 REPORTER: I guess he changed his mind. 25 26 ACTING CHAIR NANENG: Recognize Tim 27 with a question. 28 29 MR. ANDREW: Thank you, Mr. Chair. And 30 thank you for the presentation. Timothy Andrew, subsistence user. I was just wondering how -- is there 31 32 going to be -- like for example, we have a lot of 33 subsistence fishing occurring throughout the entire 34 river through various times of the summer, and some 35 points are pretty narrow, like for example right down 36 here, down here at the choke point, and various other 37 choke points, and with vessels coming into Bethel and 38 also departing Bethel up to the port up in Crooked 39 Creek, how is the vessel avoidance going to occur with, 40 you know, as far as the subsistence user is concerned? 41 42 Thank you, Mr. Chair. 43 44 ACTING CHAIR NANENG: Okay. Go ahead. 45 46 MR. FERNANDEZ: So when we talked to 47 the captains of the vessels, you know, one thing they 48 mentioned is communication, right, when you get to very 49 congested areas, so being able to communicate with the 50

0316 1 people that are doing subsistence at the time, to arrange the passage of the barge is important. So the 2 3 vessels would have a pilot, a smaller, a pilot vessel, 4 okay, that can be deployed in heavily congested areas 5 and it can go ahead of the barges and communicate with folks that, you know, hey, there is a barge coming and, 6 7 you know, kind of coordinate that passage. So that's one of the techniques. 8 9 10 Of course, like I said before, also the 11 people will have the capabilities of being able to talk 12 to the barge operators, they'll have a cell phone, 13 they'll have VHF, that people can talk to them. 14 15 ACTING CHAIR NANENG: Okay, thank you. 16 17 MS. WILMARTH: I just have one final 18 closing comment and Enric mentioned it briefly but we'd 19 love to present on more topics. Those were the three 20 topics that we were told were of the most importance to 21 present on and we only had 15 minutes and so we'd love 22 to sit down with all of you another time to talk about 23 everything. 24 25 ACTING CHAIR NANENG: I think there 26 will be opportunity in the future to talk more about 27 this issue and sharing of information. So with that 28 thank you very much. 29 30 MR. FERNANDEZ: Quyana. 31 32 ACTING CHAIR NANENG: Yeah. 33 34 MS. MCDAVID: One comment. 35 36 ACTING CHAIR NANENG: Go ahead. 37 38 MS. MCDAVID: Thank you all for your 39 presentation. Council members, if there are certain topics that you would like to hear about from folks at 40 41 Donlin, I'm happy to relay those and see if they can 42 present on them at future meetings just please let me 43 know as we start planning for the next meetings. 44 45 Thank you. 46 ACTING CHAIR NANENG: Okay. Quyana. 47 48 We'll go off the agenda, there is one person that's 49 asked to make a report on snowy owl and then we have 50

0317 1 two action items to report on. So I know that there's Wildlife Refuge reports, two of them BLM and Alaska 2 3 Department of Fish and Game, Subsistence, so I'd like 4 to get those done as soon as possible. If you have a 5 question, direct it on the issue. Make sure you don't go on a long speech talking about an issue without a 6 7 question. 8 9 So Coordinator, you got any comments? 10 11 MS. MCDAVID: Yes, sir. I just wanted 12 to update you and the Council. AVCP Natural Resources 13 has let me know that they're unable to present just 14 because we've gone over time tonight and they'll 15 present at the next meeting. 16 17 Additionally, the Anchorage Field 18 office of BLM, they said they don't need to give an 19 oral presentation, there's handout and information in 20 your meeting book on Page 252 that you can review, and 21 if you have any questions they can address them at the 22 next meeting. There's also information from BLM in 23 there about the Veteran's Land program that you all 24 requested. 25 26 If there are any agencies, such as our 27 friends at the Refuges, or Fish and Game that would be willing to move their presentation to the winter 28 29 meeting, I believe that the Chair would like to 30 entertain that. 31 32 Thank you. 33 34 ACTING CHAIR NANENG: Yes. Okay, do we 35 have a snowy owl presentation. 36 37 38 (No comments) 39 40 MS. MCDAVID: Hi, is Steve Lewis on the 41 phone with us. 42 43 MR. LEWIS: I sure am, can you hear me? 44 45 MS. MCDAVID: We can, Steve. One 46 moment while I pull up your presentation. 47 48 MR. LEWIS: Okay, great. And, you 49 know, I'm happy to give this later if you guys are in a 50

0318 1 hurry, I don't want to stop anyone from getting to the 2 bank. 3 4 (Pause) 5 6 MS. MCDAVID: Okay, Steve, we'd like to 7 go ahead with your presentation. I have your first slide up on the screen, you can just let me know when 8 9 to advance. Thank you. 10 11 MR. LEWIS: Okay, great. Well, thanks 12 for letting me talk to you about snowy owls. I'm 13 Steven Lewis, I'm a Wildlife Biologist with the U.S. 14 Fish and Wildlife Service in Alaska and I specialize in 15 raptor biology. 16 17 Okay, next. 18 19 Okay, so this should say the YKDelta 20 RAC question on top, yes? 21 22 MS. MCDAVID: Correct. 23 24 MR. LEWIS: So first I wanted to start 25 with the request that came to me from the RAC about 26 snow owls. The Council's heard that there was 27 declining snow owl sightings throughout the Yukon 28 Kuskokwim Delta and wanted a report on population, 29 assessment and migration. Recognizing that snowy owls 30 are important for subsistence communities in the YKDelta and an important indicator of overall ecosystem 31 32 health and the Council wondered if snow owls were 33 declining due to lack of prey, they'd observed declines 34 in the Arctic hare or jackrabbits, and supported 35 proposals to reduce subsistence harvest of Alaska hare 36 as a conservation measure, and also wondered if there 37 was conservation measures needed for snowy owls. 38 39 Next. 40 41 So I want to go through a little bit 42 about snowy owls biology first, kind of in general, and 43 then a little bit about what we know in Alaska and then 44 try and focus into the YKDelta itself. So this is a distribution map from the birds of the world species 45 46 account. What it shows, basically the orange color is 47 breeding range and the blue is winter range of owls. 48 It's probably likely inaccurate on a smaller scale, 49 like in Alaska, for example we know that snowy owls 50

0319 have breed in the YKDelta and it says wintering area 1 but it shows the overall owls circumpolar distribution. 2 3 So snowy owls are nomadic and they're irregular summer 4 visitors in Alaska, particular south of their home 5 which is the Northern Arctic Coastal plain. For 6 example around Utgiagvik. 7 8 Next please. 9 10 So this is a map from a website called 11 ebird.org and it's basically a website where people 12 enter sightings, a list of when they go looking for 13 birds and animal sightings. So the darker the purple 14 the more sightings that have been turned in shows snowy 15 owls. So, you know, what it shows is kind of similar 16 that they're up on the North Slope of Alaska is when 17 you have a lot of -- you know, more sightings of snowy 18 owls but they do occur in lots of other places. And, 19 of course, this map is a little biased because you 20 don't have people going to all these very empty spots 21 but, you know, it does just show basically that, you 22 know, where we have snowy owls in Alaska is up on the 23 North Slope for the most part and the Coastal Plains 24 and then they make appearances further south. 25 26 Next please. 27 28 So this is a photo on the right from 29 Utqiagvik area showing some typical breeding habitat. 30 Snowy owls breed on open Arctic tundra from near 31 treeline to the edge of the polar seas, they use 32 hummock and rocks and other low provinces for nest 33 sites, roosting and hunting and sparse low vegetation 34 and dwarf shrubs and lichen. They also use low and 35 salt marshes and poorly drained freshwater meadows. 36 So, in general, they breed in areas that have a 37 plentiful supply of Arctic or sub-Arctic rodents. 38 Usually it's at elevations below 300 meters and in many 39 areas they nest along coastlines or not very far away 40 from the coastlines. For non-breeding it's mostly snow 41 covered and open water within the ice pack, south to 42 range lands, farm lands, coastlines, marshes, islands, 43 forest clearings in cities and towns that are bordered 44 by open habitat. Their diet is primarily -- during the Arctic breeding season is lemmings and various species, 45 46 they're capable of feeding on whatever are most 47 abundant and usually captured in different habitats 48 during each season. So breeding adults will supplement 49 their lemming diet with hatchlings of waterfowl, 50

0320 1 shorebirds, passerines. Those that are not breeding, and those that winter on islands..... 2 3 4 (Teleconference interference -5 participants not muted - on hold) 6 7 MR. LEWIS: .....that are free of 8 animals may subsist on other prey such as birds. 9 10 Specifically referring to Arctic hares, 11 it's likely not a large component of the snowy owls 12 diet because they're kind of too large of a prey item 13 but if they are in the diet it's most likely young 14 hares, that are what snowy owls are eating. 15 16 Next please. 17 18 In terms of movements of snowy owls --19 so this map shows a figure from a paper by Frank Doyle 20 and others in 2017 and this shows snowy owls that are 21 marked with satellite tags on Banks Island in Canada 22 and then their subsequent moving from 2008 to 2010 so 23 there's some green stars and that shows -- the stars 24 show settlement areas in the summer so where birds 25 spent the summer after they were trapped (ph) and the 26 circles show winter (indiscernible) area. So what I'm 27 trying to show is that these birds do move around quite 28 a bit and birds that might have -- oh, sorry, and it 29 shows four -- the different colors of points in line 30 there's four different birds. So birds are trapped on 31 Banks Island in one summer may end spending the next 32 summer on the Arctic Coast of Alaska and then they 33 winter in different areas as well. So you see one of 34 these birds, the orange bird, ended up actually coming 35 down and wintering in Yukon Delta area, so they do move around quite a bit. They don't have any strong inter-36 37 annual site fidelity to summer or winter areas and they 38 can travel widely in search of breeding and wintering 39 areas. In fact they also spend time on sea ice in the 40 winter usually associated with (indiscernible), which 41 is where sea ducks and seabirds will congregate. 42 43 Next please. 44 45 So in Alaska there has not been a lot 46 of work on snowy owls except around the Barrow area. 47 There's many people that do work on shorebirds and 48 waterfowl and they often monitor snowy owls along with 49 the other predators. But there's been one specific 50

0321 1 snowy owls study done by the Owl Research Institute and a biologist named Denver Holt. So it's in the 2 3 Utgiagvik area and he's been doing this for a little 4 over 20 years, or about 20 years, and he found 277 nest 5 sites, really low elevation, you know, the mean 7.3 meters, they nest on these polygonal lakes, near them, 6 7 shallow ground and underlying permafrost areas on these little mounds. And overall what he has seen is a 8 9 decline in nesting in his study area over this time 10 period. 11 12 Next please. 13 14 The other data we have on snowy owls is 15 from the Fish and Wildlife Service who has done an 16 Arctic Coastal Plains survey. So this is an aerial 17 survey done for waterfowl over -- and this is dated 18 from -- up to 2017, but it's up to -- the data is from 19 1986 up to now and they also count snowy owls. So this 20 map -- this figure shows basically the index, which is 21 the number of sightings and then sort of calculated 22 into their index of pairs over this time period. And 23 what I wanted to show is basically that over sort of 24 the long period, sort of about level in the last --25 they changed their techniques from 2008 to 2017 so 26 there was some decline in nesting but the main point 27 being looking at the fluctuations over the years. So 28 in some years there's almost no snowy owls seen in the 29 area, some years there's very many snowy owls seen. So 30 it kind of goes in with their whole, snowy owls, you 31 know, use the landscape and they're nomadic and they'll 32 just go to one area where there's good prey and then 33 the next year they may not be there or may not be there 34 for many years. 35 36 Next please. 37 38 In terms of what we know for the 39 YKDelta area, at least in terms of the literature, so 40 near Hooper Bay -- and this is from 1924, snowy owls 41 apparently nested commonly and this is from a paper by 42 (Indiscernible) in 1929 so she counted like 40 nests in 43 that area. But despite extensive activities of 44 biologists in decades following, particularly in the '70s concentrations comparable to those in 1924 have 45 46 not been reported and breeding records are virtually 47 non-existent. The only other subsequent report of 48 large numbers on the YKDelta was in 1963 when perhaps 49 as many as several dozen, some nesting were detected at 50

1 the eastern end of Nelson Island, which you can see in this figure here near the (Indiscernible) Hills. 2 And then in late summer of 2000 Yukon Delta National 3 4 Wildlife Refuge Staff flew a series of surveys, aerial 5 surveys to document fall staging of bristle-thighed 6 curlews, so these took place during July to September 7 and they detected between 15 and 27 owls, depending on the survey, so resulting in estimates of 79 and 230 8 9 owls seen in this area. So that was just in one year, 10 and then in -- finally, I spoke with Brian McCafferty, 11 a former Yukon Delta National Wildlife Refuge 12 biologist, some of you may know, and talking about his 13 recollections of snowy owls and one thing he told me is 14 he thought he had seen more snowy owls in one summer 15 that he spent near Utgiagvik than he did in his whole 16 time in the Yukon Delta. So snowy owls seem to be 17 relatively rare in that area. So there has been 18 declines. It's something that likely took place --19 well, I mean maybe probably 60 or 70 years ago. 20 21 Next please. 22 23 So the International Snowy Owl working 24 group was initiated in 2007 during the Fourth World Owl 25 Conference in Holland and the group was established to 26 collect and share information on snowy owls biology and 27 to initiate ideas for studies to better understand the 28 ecology, patterns, habitat needs, population, 29 conservation issues. So this group actually has 30 estimated that there's probably 14,000 pairs of snowy 31 owls worldwide. This is much lower, like orders of 32 magnitude lower than what was initially thought over 33 previous estimates. I think this is due likely because 34 of the nomadic nature of these birds, where researchers 35 thought they were counting different populations over 36 time but actually maybe one population that moves 37 around quite a bit. And they also noted a declining 38 trend in the species. They have significant challenges 39 due to climate change, which is primarily due to the 40 effects on their primary prey, which is lemming, caused 41 by warming client and increased rain events. So 42 increased rain events caused the lemming cycle -- the 43 lemming highs to be not nearly as high and things like 44 snowy owls rely on that, that super abundance of prey 45 to have young. This group highlights the importance of 46 indigenous peoples knowledge for understanding the 47 iconic species and recommend gathering information on 48 subsistence harvest across the range and to decrease 49 levels of subsistence harvest depending on what those 50

0322
0323 1 are. 2 3 So in conclusion, the snowy owl is a 4 migratory species that breeds across Northern Alaska 5 and Canada, mostly where high Arctic tundra and wetland habitat are found. They're a nomadic bird that only 6 7 seems to breed in open habitats where high numbers of micro (indiscernible) is found. Because they're so 8 strongly tied to rodent cycles there's concern that 9 10 warming climate may affect the cycle thus changing the 11 ability for this bird to breed. Population estimates 12 put their number well below previous estimates and 13 there's concerns due to climate change that will have 14 negative effects on the species. And, finally, we lack 15 a good understanding of the magnitude of subsistence 16 and the effect that that could be having on this 17 species. 18 19 So that's my last slide, just for 20 questions, and thank you for your time. And I look 21 forward to finding ways to collaborate, you know, with 22 interested parties on how to learn more about the species. And if there is other data sources or 23 24 information sources in terms of people's sightings or 25 anything like that I'd be interested to hear about 26 those. 27 28 Thank you. 29 30 MS. MCDAVID: Thank you so much for 31 your presentation Steve. Members of the Council, I'm 32 sure Steve would love to hear from you if you have 33 observations about snowy owls that you've noticed in 34 the region. I can put you in touch with him if you 35 want to reach out to me about that. 36 37 I'll turn it over to Mr. Chair. 38 39 ACTING CHAIR NANENG: Okay, thank you, Steve. If we see a snowy owls we'll let you know. 40 41 42 (Laughter) 43 44 MR. LEWIS: Awesome, thank you. 45 46 ACTING CHAIR NANENG: Yeah, thank you 47 very much. Since one of the Council members says he 48 has to go check in, we've got a couple of action items 49 that we need to take care of while we have a quorum, 50

0324 1 and I'll turn it over to Brooke for the presentation. 2 3 MS. MCDAVID: Thank you, Mr. Chair. 4 Council members the Chair has asked that we move to 5 confirm our winter 2023 meeting dates and locations. If you open your meeting book to Page 264 you'll see 6 7 the calendar for the next meeting. And, currently, the Council has the meeting dates of April 3rd and 4th, 8 9 that's a Monday and a Tuesday and the meeting location 10 was chosen as Alakanuk. So the Council could discuss 11 if you would like to meet in Alakanuk on those dates, 12 if you would like to change those dates or that 13 location you could do that now. I would also suggest 14 if you are going to choose a rural village to meet in 15 that you have a back up location that would be hub 16 community. 17 18 Thank you. 19 20 I'm sorry that I was not your 21 Coordinator when Alakanuk was chosen as the location, 22 and our two Council members from Alakanuk are not here 23 with us so unfortunately it doesn't allow us to discuss 24 that very much. But you may also request, if you wish, 25 to have a three day meeting and OSM will try to honor 26 that request. 27 28 Thank you. 29 30 ACTING CHAIR NANENG: Okay. So the 31 first request is to have an alternate site in case we 32 don't make it to Alakanuk, and at a hub like Bethel. 33 34 MR. LANDLORD: Yes, like Bethel, here if 35 you're making it Alakanuk, maybe here. 36 37 ACTING CHAIR NANENG: Yeah. Alakanuk 38 as primary and Bethel as an alternate. 39 40 MR. ANDREW: Our spring meeting. 41 42 ACTING CHAIR NANENG: That's -- no, 43 it's not two meetings, for the April 3rd and 4th 44 meeting, Alakanuk as the primary location and Bethel as 45 an alternate in case we can't make it out, but weather 46 will keep some people out of Bethel. 47 48 Okay, go ahead. 49 50

0325 1 MS. WESSELS: I just wanted to mention to the Council, if you want to have a three day 2 3 meeting, I would recommend for it to be the fall 4 meeting because your agenda is much busier in the fall 5 than the winter, in the winter you probably can get 6 done in two days without too much stress. But unless 7 you have a lot of wildlife proposals in mind already for your winter meeting, that you want to put in, you 8 9 know, but in the fall you will be discussing all the 10 wildlife proposals that are original proposals and the 11 crossover and if there's any statewide. So if you --12 and the other request that I have for the Council, when 13 you select your dates, if possible, please don't select 14 Friday. It's like other days of the week are better. 15 16 ACTING CHAIR NANENG: Go ahead, Brooke. 17 18 MS. MCDAVID: One other thing I wanted 19 to point out to Council members..... 20 21 MS. ROGERS: Mr. Chair. 22 23 MS. MCDAVID: Sorry, Alissa, just one 24 thing real quick. You're currently meeting on a 25 Monday, your meeting will start on a Monday so that 26 means you would be traveling on a Sunday and I want to 27 make sure that would be okay with everyone, if you 28 would rather shift the meeting so that you'd be 29 traveling not on a Sunday you could do that at this 30 time. 31 32 ACTING CHAIR NANENG: Was somebody 33 online. 34 35 MS. MCDAVID: Alissa. 36 37 ACTING CHAIR NANENG: Okay. 38 39 MS. ROGERS: Hi, Mr. Chair, yeah, it's 40 me, Alissa. 41 42 ACTING CHAIR NANENG: Okay. Alissa go 43 ahead. 44 45 MS. ROGERS: Thank you, Mr. Chair. 46 Through the Chair. I'd like to make a motion that we 47 have our spring meeting in Alakanuk on the 4th, 5th and 48 the 6th so that we are traveling on Monday, have the 49 meeting Tuesday, Wednesday, Thursday and probably fly 50

0326 1 home that Thursday afternoon, because we should be concluded by that third day. 2 3 4 Thank you, Mr. Chair. 5 6 ACTING CHAIR NANENG: Okay. Is there a 7 second to the motion. 8 9 MR. PARKS: I second, Mr. Chair. Henry 10 Parks. 11 12 ACTING CHAIR NANENG: Okay. The motion 13 is made and seconded. Any further discussion on the 14 motion. 15 16 Jackie. 17 18 MS. CLEVELAND: I guess it's too late 19 to switch the location if it's been voted on in the 20 last meeting. 21 MS. MCDAVID: No, you can change it. 22 23 24 MS. CLEVELAND: I don't know about the 25 rest of the Council but I think Bethel is the most 26 central place for all of us, yeah. So I'm not sure how 27 that was chosen but if it were up to me I think for the 28 Council's sake and some people will have to go many 29 legs to get there. I guess for me, I like the three 30 day, but in Bethel. 31 32 ACTING CHAIR NANENG: Thank you. 33 34 MS. MCDAVID: Just to follow up on 35 Jackie's comment there. Some Councils really like to occasionally meet in a rural village because it gives 36 37 an opportunity for community members who wouldn't 38 normally be able to come to your meetings, to attend 39 the meetings, and that may be why that was chosen. 40 There also could potentially be an opportunity to 41 perhaps charter a plane from Bethel, we would have to 42 explore that and see if it would be viable, but that 43 would save some of those legs of travel for you all. 44 Just some things to consider. 45 46 MS. KENNER: Mr. Chair. 47 48 ACTING CHAIR NANENG: Yes, go ahead. 49 50

0327 1 MS. KENNER: I think Monday was chosen because the Alakanuk flight from Bethel I think is on 2 3 Sunday. The other thing is is that with the -- what we 4 used to do is St. Marys is the hub on the Yukon and so 5 there'd be a meeting in Bethel and then a meeting in 6 St. Marys or, you know, wherever the issues were. So I 7 was just telling a member that that -- because we are the Yukon/Kuskokwim, we try to have meetings up there 8 9 too, not necessarily in Alakanuk. 10 11 This is Pippa for the record. 12 13 ACTING CHAIR NANENG: Thank you. So qo 14 ahead. 15 16 MS. MCDAVID: Well, there is a motion 17 on the table but if the Council wanted to withdraw that 18 and change the hub instead of Bethel to St. Marys you 19 could do that. 20 21 ACTING CHAIR NANENG: Is there any 22 objections to moving to Bethel -- or moving Bethel to 23 St. Marys as an alternate site for the April meeting. 24 25 (No objections) 26 27 ACTING CHAIR NANENG: Any objections. 28 29 (No objections) 30 31 ACTING CHAIR NANENG: Any objections. 32 33 (No objections) 34 35 ACTING CHAIR NANENG: So the primary 36 place will be Alakanuk and alternate site being St. 37 Marys. And also the motion's made to have it for three 38 days, I don't like to go beyond 5:00 o'clock meetings. 39 Usually meetings don't last this long as far I know 40 unless you're attending an AVCP or an AFN Convention. 41 42 (Laughter) 43 44 ACTING CHAIR NANENG: So is there any 45 objections to having a three day meeting. 46 47 (No objections) 48 49 ACTING CHAIR NANENG: And that can be 50

0328 1 shortened based on the agenda for -- on the agenda items, if we get done on the second day we get done on 2 3 the second day, but the third day is an alternate for 4 taking care of as many agenda items as possible. 5 6 And the other request is to have people 7 that are going to be making presentations to be there in person. Because we've had a lot of delays and 8 9 hassles with the technology that delayed our meeting, 10 we could have been done about a half hour ago. So that 11 would be my request on top of that three day meeting. 12 13 Any objections from the Council. 14 15 (No objections) 16 17 ACTING CHAIR NANENG: No objections. 18 So put that as a note as a request from the Council. 19 20 MS. MCDAVID: Okay. So just to confirm 21 the Council would like to meet April 4th and 5th, which 22 is Tuesday and Wednesday, possibly a third day, maybe a 23 half day on April 6th. The primary meeting location 24 would be Alakanuk, and if that is not possible or the 25 community cannot accommodate us the back up would be 26 the hub of St. Marys. 27 28 ACTING CHAIR NANENG: And then the next 29 item would be the fall meeting of October --30 tentatively the dates of October 17th and 18th, 2023 in 31 Anchorage for the fall meeting. So make a motion. 32 33 Go ahead. 34 35 MS. MCDAVID: I just wanted to make 36 sure Council members are looking at the updated copy of 37 the calendar that I just passed out to you, that would 38 be next fall, so a year from now. And Ms. Rogers 39 suggested that the meeting location be in Anchorage on 40 October 17th and 18th, if we wanted to make a third day 41 on to that, because it will be a fall meeting, you will 42 be taking up regulatory wildlife proposals, Ms. Rogers, 43 I think the Chair would be willing to entertain a 44 motion from you now. 45 46 Thank you. 47 48 MR. PETER: Mr. Chairman. 49 50

0329 1 MS. ROGERS: Thank you. I so move. 2 3 MR. PETER: Second. 4 5 ACTING CHAIR NANENG: Motion made and 6 seconded. Any discussion on the motion. 7 8 (No comments) 9 10 MR. PETER: Question. 11 12 MS. CLEVELAND: It's during AFN. 13 14 MR. ANDREW: Mr. Chair. On discussion 15 -- Mr. Chair, thank you. On discussion I'd rather early part of October. I don't want to get to the 16 17 middle part or the latter part when the weather gets 18 iffy. I'd rather like to make a friendly amendment to 19 make it the 3rd and 4th. 20 21 Thank you. 22 23 ACTING CHAIR NANENG: Thank you, John, 24 for your suggestion. It's also going to be about the 25 same time as the AFN Convention, usually has their 26 convention in that timeframe so I would support John's 27 recommendation even though there's a motion to have it 28 on the 17th and 18th in Anchorage. 29 30 Go ahead. 31 32 MS. MCDAVID: Sorry, Mr. Chair. So if 33 you look at your fall calendar, there are already two 34 RAC meetings scheduled for that first week of October. 35 OSM can -- because we're not very many Staff we can 36 kind of only handle two meetings in one week, the week 37 of October 10th, that second week of October..... 38 39 MR. ANDREW: Make it on 3rd and 4th --40 make it on 3rd and 4th please. Because on 17 and 18 it 41 will be the week of AFN. There will be too much 42 traffic by that time. 43 44 ACTING CHAIR NANENG: We could probably 45 have it scheduled for October 9th, there's no Columbus 46 day in Alaska. So I really would like Fish and 47 Wildlife Service and State agencies to honor the fact 48 that that's Indigenous Day instead of Columbus Day. So 49 let's schedule -- let's put it on for October 9th and 50

0330 1 10th, for that week. 2 3 MS. MCDAVID: Could I just get 4 clarification from OSM leadership, are we able to 5 schedule a meeting during a Federal holiday. Unfortunately, no, would be able to travel on that day 6 7 and have the meeting begin on Tuesday? 8 9 MS. ROGERS: Thank you. Through the 10 Chair. What would be your recommendation for days that 11 you can travel and that will work that's currently 12 leftover for us to choose from then? 13 14 MS. MCDAVID: I can respond to Ms. 15 Rogers, Mr. Chair. 16 17 ACTING CHAIR NANENG: Go ahead. 18 19 MS. MCDAVID: So Alissa, I'm sorry you 20 don't have the calendar in front of you. The week of 21 October 2nd is -- we already have two RAC meetings 22 scheduled that week so unfortunately that's not 23 available. The following week, Monday is a Federal 24 holiday, we're unable to meet that day, but the rest of 25 that week, the 10th through the 13th would be 26 available. It sounds like folks don't want to meet in 27 the latter half of October due to conflicts with AFN. The other option would be to meet earlier before 28 29 October but I know that's also moose hunting season. 30 So unfortunately when we have these later -- when 31 you're one of the later meetings on the calendar the 32 other RACs have chosen their meeting dates. You could 33 meet earlier, like mid-August, very early, but that's 34 up to you all if it doesn't conflict with other 35 subsistence activities. 36 37 We can overlap with one other meeting 38 so that's why October 11 and 12 Western Interior's 39 meeting, that's okay, you can just ignore that because 40 there's only one meeting that week. But we could meet, 41 potentially the same days as the Western Interior 42 meeting so up to you guys. 43 44 ACTING CHAIR NANENG: October 9th and 45 10th will probably be the best -- or the 10th and 11th 46 would be the best time. So if there's no objections 47 we'll put that on the calendar to meet at that time. 48 49 MS. WESSELS: You should have three 50

days during the fall. ACTING CHAIR NANENG: Yeah. MS. MCDAVID: So a suggestion, 10th through the 12th for a three day meeting. ACTING CHAIR NANENG: Yes. MS. MCDAVID: And primary location of choice would be Anchorage, would you have a back up location -- or we can probably accommodate that because it's a large city. ACTING CHAIR NANENG: If we can't make it to Anchorage we'll have it here in Bethel. MS. MCDAVID: Okay, thank you. I'm sorry, I can't remember if there's a motion on the table, if somebody -- Alissa, if you made that previous motion, if you would be wiling to withdraw that and make a new motion for October 10th through 12th in Anchorage, back up Bethel. Thank you. ACTING CHAIR NANENG: I believe we'll take.... MS. ROGERS: Mr. Chair. ACTING CHAIR NANENG: Go ahead, Alissa. MS. ROGERS: Thank you. Through the Chair. I'll go ahead and make the motion for the meeting to be held in Anchorage on October -- please correct me if I'm wrong, 11th, 12th and the 13th. MS. MCDAVID: I think they would like the 10th through the 12th, 10, 11 and 12. MS. ROGERS: Okay, thank you. October 10th, 11th, and the 12th. ACTING CHAIR NANENG: Is there a second. MR. ANDREW: Second. 

0332 1 ACTING CHAIR NANENG: Seconded. Any 2 further discussion on the motion. 3 MR. LANDLORD: Question. 4 5 6 ACTING CHAIR NANENG: Question's been 7 called. All in favor say aye. 8 9 IN UNISON: Aye. 10 11 ACTING CHAIR NANENG: Those opposed say 12 no. 13 14 (No opposing votes) 15 16 MS. MCDAVID: Okay. Meeting dates 17 confirmed for October 10th through 12th, Anchorage, 18 back up Bethel. 19 20 Mr. Chair, we do have one other action 21 item that we did yet get to and that was the annual 22 report topics. 23 24 It would be nice if we could at least 25 put a couple down now, you'll get a chance to revisit this and finalize it at your winter meeting but it's 26 27 important now that we get a draft started now before 28 then. 29 30 Thank you. 31 32 ACTING CHAIR NANENG: Would you take 33 suggestions and recommendations from the Council to the 34 report if you could draft it and they could review your 35 draft and make additional comments? 36 37 MS. MCDAVID: Yes, sir, that's what we need to do. I gather topics of concern from you all at 38 39 this meeting and then work between this meeting and the next meeting to provide a draft that you review at your 40 41 next meeting. So unfortunately you wouldn't be able to 42 review a draft at your next meeting if you didn't come 43 up with topics at this meeting. 44 MS. ROGERS: Mr. Chair. 45 46 47 MR. ANDREW: Mr. Chairman. 48 49 ACTING CHAIR NANENG: Go ahead, John. 50

0333 1 MR. ANDREW: Thank you, Mr. Chairman. 2 I have a couple of items I'd like to put on the annual 3 report for next year. 4 5 The first one is if we are still in a 6 salmon conservation mode next summer we'd like to see 7 it being managed by the U.S. Fish and Wildlife, not with Fish and Game for the summer. As long as we have 8 9 conservation for certain species, salmon species. 10 11 The second one is last couple years 12 we've been having bears raiding our fish camps and most 13 of our smokehouses. It's getting bad every year. So 14 the old people used to hunt them or do predator control 15 on them are gone or are aging out. That's the second one. Because not just the smokehouse, they're even 16 17 raiding our cabins. In some fish camps they said they 18 were broken into about three times the whole summer 19 starting from spring. 20 21 Thank you, Mr. Chairman. 22 23 ACTING CHAIR NANENG: Thank you. Any 24 other items. 25 26 MS. CLEVELAND: What did we do last 27 time if you don't mind? 28 29 MS. MCDAVID: One moment, Council 30 Member Cleveland asked about what the topics were last 31 time. I'll pull that up here real quick. 32 33 There were eight topics. 34 35 Donlin Gold was one. Whitefish 36 declines. You had a request about sockeye salmon 37 Increase seeing sockeye salmon impacts to impacts. 38 other species. You had the catastrophic low returns of 39 salmon to Kuskokwim and Yukon. You had the bycatch and 40 Area M intercept fisheries. Mulchatna Caribou Herd. 41 Increase moose harvest opportunity for lower Yukon. 42 And request for information about snowy owls. 43 44 So your report doesn't always have to 45 be that long but we do want to capture the main 46 concerns that you would like the Federal Subsistence 47 Board to know about. 48 49 ACTING CHAIR NANENG: Go ahead. 50

0334 1 MS. CLEVELAND: It feels kind of like pressuring to do it this way. That's why I asked what 2 3 we did last year. And I think, from what it sounds 4 like those are still concerns, I mean besides the snowy 5 owls, we got the update on that. So this is the only 6 way to do it, like we can't -- I feel like we're not 7 given enough time to think about it? 8 9 MS. MCDAVID: I'll ask that our OSM 10 Leadership weigh in. But I believe, you know, we can 11 at least start with these two topics, if you all concur 12 that Mr. Andrew brought up, and since we are rushed 13 here at the end of the meeting -- we'll let Robbin 14 weigh in, but we can probably add additional topics at 15 the next meeting. And I'll remind everyone ahead of 16 that meeting to think about what they would like to 17 add. 18 19 Robbin. 20 21 MS. LAVINE: Thank you, Mr. Chair. 22 Through the Chair. I'll remind you that the annual 23 report is your way also to keep the Board informed of 24 the most important issues in your regions and on your 25 mind. It can be informative as well as a concern. Any 26 information that you think the Board might need to make 27 informed decisions. 28 29 That being said ..... 30 31 MS. ROGERS: Mr. Chair. 32 33 MS. LAVINE: Alissa may have some, it 34 sounds like she's trying to speak as well. But really 35 quick, Alissa, before you make your comments. 36 37 There's been some really weighty and 38 substantial discussion and it could be that each of you 39 might forward an issue relevant to your discussions on 40 the record. And if you forward something that you have 41 already discussed on the record then we have the 42 material to pull together a topic for your report. If 43 it's out of left field, I would suggest waiting until 44 you're all together again in the winter. 45 46 Thank you, Mr. Chair. 47 48 ACTING CHAIR NANENG: Jackie. 49 50

0335 1 MS. CLEVELAND: Quyana, Chair. I quess one that just sticks out right now is Typhoon 2 3 (Indiscernible), I mean since it just happened, and 4 maybe, you know, there'll be research -- further 5 research and findings by the time we have our next 6 meeting and who knows maybe that could have something 7 to do with our subsistence lifestyle. 8 9 Quyana. 10 11 ACTING CHAIR NANENG: Any other 12 discussions. 13 14 MS. MCDAVID: Alissa. 15 16 ACTING CHAIR NANENG: Alissa. 17 18 MS. ROGERS: Thank you, Mr. Chair. 19 Through the Chair. I apologize, I've been having GCI 20 technical difficulties getting in. So I was taking 21 notes throughout the meeting and action items that 22 could be brought to our Federal Subsistence Board from our discussions that we had with everyone and 23 24 especially pulling from the public comments that we 25 had and our Subsistence Council subsistence reports. 26 27 For the first one we should put some 28 emphasis on the trout including perhaps Jackie would be 29 able to give more description and information in 30 regards to what she can give to Brooke and give her 31 information in regards to protecting her trout. 32 33 As for Area M, would be the second 34 bulletin point in regards to Bering Sea trawling. We 35 need to keep putting emphasis on Area M because it is a 36 very strong point for our resources, for our salmon. 37 38 The third one would be the information 39 would be the information you gave in regards to Hooper Bay tomcods and the halibut. I concur with what you 40 41 said. And we should have -- we should reach out more 42 and get more information in regards to the history and 43 then an action item that we would like to see come out 44 of Hooper Bay so that we can increase those tomcods and 45 also increase the availability of halibut harvesting. 46 Because I can tell you first hand that when we first started finding halibut in Hooper Bay and we started 47 48 the commercial fishery for halibut in that area and 49 then all the way down to Nelson Island, we did not 50

0336 1 anticipate the halibut would take off the way it did, but as anything, whatever we put our minds to someone 2 3 else has another idea for it and takes off with it. 4 5 So the next bulletin would be a 6 reduction -- we want to keep an emphasis that we're 7 seeing a huge reduction in whitefish due to the gear type size that we have. The four inch mesh is 8 definitely wiping out our whitefish and since we're 9 10 harvesting more whitefish than we normally would it is 11 a high concern. Using the four inch mesh gear gill 12 restrictions that we have from our -- both on Yukon and 13 Kuskokwim. 14 15 Another one would be to get more 16 emphasis on the Asian hatchery salmon that they're 17 seeing. If they're a dominating issue as recorded in 18 the juvenile study that we had gotten yesterday, we 19 should emphasize more information in regards to that. 20 If the Asian hatchery is fighting for resources, 21 grounds and habitat survival with our wild salmon maybe 22 we need to go International, back to Asia like our 23 predecessors did and see if we can come to a salmon 24 agreement again like we have before in the past. 25 26 And for the next bulletin, A and B 27 seasons, both measures to avoid chum salmon. In her presentation in the bycatch she only had presented that 28 29 only B season is being affected and not A season. So 30 we need to add A season into that and both A season and 31 B season is being monitored for that bycatch issue to 32 avoid chum salmon. 33 34 The next one on the line is to continue 35 putting Fukushima as a monitoring force so that we can 36 keep track of what's happening out there and how it's 37 affecting, and make sure we have it in our back packet 38 because that we know if something does happen to our 39 fisheries that -- our fisheries, our mammals, or what's happening in our river systems, that it may be 40 41 linked to Fukushima since our salmon go down to the 42 Gulf and all those areas and then come back, and then 43 our mammals, our killer whales and sharks they migrate 44 between the two oceans -- or sorry, between the two 45 Gulfs. 46 47 And the last -- second to the last one 48 that I have on here, from Tim Andrew and what we heard 49 from Norma, and multiple times that we've heard from 50

0337 1 the Yukon communities is the eels, the lampreys, and we need increased lamprey studies so that we can 2 3 understand what's going on with the lamprey. And 4 seeing if the correlation between the lamprey decline 5 is also in relationship to why our salmon are declining and seeing if there's a connection between the two and 6 7 hopefully that if there is a connection that we can not only assist the salmon to come back but assist with 8 9 ways we can help the lamprey return to our rivers. 10 11 And that's all I have, thank you, Mr. 12 Chair. 13 14 ACTING CHAIR NANENG: Quyana. I would 15 like also to add that some of the non-spawning streams that are near the mouth of the Yukon be included as 16 17 part of the discussions that need to be addressed. If we can have them here on the Kuskokwim, why couldn't 18 19 they have it on the Yukon. 20 21 So with that, is there any more additional comments, or if there's no objections we'll 22 23 go through that list. I'm sure that we wouldn't be 24 able to get all of them done in one season and like we 25 didn't get all of the things done here at this meeting 26 but that's too long a list and we'll pick up some of 27 them as important at the next meeting, it may have to 28 be the Chairman that decides what topic to discuss. 29 30 So with that, that's what I would 31 recommend. 32 33 Any comments. 34 35 MS. MCDAVID: Thank you, Mr. Chair. So 36 I just -- is it my understanding that the Council would 37 like to -- for me to draft your annual report with all 38 of the topics that were just discussed and brought up 39 by various members of the Council and we will review 40 that draft at the next meeting, and I don't have to 41 read through those again unless you want me to. 42 43 Thank you. 44 45 ACTING CHAIR NANENG: I believe 46 suggestions and comments can come back to you so you 47 may have to redo that draft. 48 49 (Laughter) 50

0338 1 MS. MCDAVID: Okay. I would just ask 2 OSM Leadership if we need a motion to approve these 3 topics or.... 4 5 MS. WESSELS: You don't have to have a 6 motion. 7 8 MS. MCDAVID: Okay. 9 10 ACTING CHAIR NANENG: She's been given 11 a directive by the Staff that -- or by the Council that 12 she should put them all in writing and we will review 13 the draft and highlight the ones that we want to raise. 14 Because even though each and every one of them is 15 important, some are more important than the others. 16 17 MS. MCDAVID: And, Mr. Chair, just to 18 follow up.... 19 20 MS. WESSELS: I just want to say you 21 don't need to have a motion since you're not approving 22 this report right now. When you review the draft 23 report and approve it that's when you will need to have 24 a motion. Right now we're just having a discussion on 25 the record. 26 27 Thank you. 28 29 MS. MCDAVID: Thank you, Katya, for 30 clarifying that. And, Mr. Chair, just to follow up on 31 what you said. We can always include all of these 32 topics in your annual report but only choose to address 33 some of them through presentations and updates at the 34 following meeting. 35 36 ACTING CHAIR NANENG: yes. Because I 37 know that some of those are ongoing concerns that we've 38 been -- we just got through talking about yesterday and 39 today and I'm sure they'll come back again, and next 40 fall and we'll try and get status of updates of what's 41 been addressed since then. So that's my comment. 42 43 MS. MCDAVID: Okay. Mr. Chair. 44 Keeping us on track, I think we're through all of our action items that were required and you'd be willing --45 46 if you'd be willing you could entertain closing 47 comments or not and then you could make a motion to 48 adjourn. 49 50

0339 1 Thank you. 2 3 ACTING CHAIR NANENG: Well, I know that 4 we've all been sitting here so everybody's been waiting 5 for closing comments all day. 6 7 (Laughter) 8 9 ACTING CHAIR NANENG: So with that I'd 10 like to thank everyone for participating and all the 11 Staff that has been involved in making the reports from 12 both Fish and Wildlife Service and OSM as well as Fish 13 and Game. You know, we didn't want to be disrespectful 14 in any of the comments but we have our own personal 15 opinions of how we view some of the things, should be 16 done, but sometimes we never get our way, at times 17 we're just wishful thinking. 18 19 So with that I'd like to thank everyone 20 for being here so thank you very much for participating and thank you, Brooke, for putting up with the heat 21 from the Council members, and our court reporter for 22 23 doing a good job in keeping the IT things going despite 24 the technicalities. 25 26 So with that entertain a motion to 27 adjourn. 28 29 MR. PETER: Mr. Chairman. I so move to 30 adjourn. 31 32 ACTING CHAIR NANENG: Phillip has 33 moved, is there a second. 34 35 MS. CLEVELAND: Second. 36 37 ACTING CHAIR NANENG: There's been a 38 second. All in favor say aye. 39 40 IN UNISON: Aye. 41 42 ACTING CHAIR NANENG: You better not 43 oppose, say no. 44 45 (Laughter) 46 47 (No opposing votes) 48 49 ACTING CHAIR NANENG: Thank you. And 50

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1 everyone enjoy your meeting. 2	
3 MS. MCDAVID: Quyana everyone.	
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5 (Off record) 6 7 (END OF PROCEEDINGS)	
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