NORTH SLOPE SUBSISTENCE REGIONAL ADVISORY COUNCIL MEETING

PUBLIC MEETING

VOLUME III

U.S. Fish and Wildlife Service Regional Office OSM Conference Room June 8, 2018 Anchorage, Alaska

MEMBERS PRESENT:

Regional Council Coordinator - Eva Patton

Recorded and transcribed by:

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Page 279 PROCEEDINGS 1 2 3 (Teleconference June 2018) 4 5 (On record) б 7 MS. PATTON: Thank you for this 8 opportunity for the Council. My name is Eva Patton, Council Coordinator for the North Slope Subsistence 9 10 Regional Advisory Council. Maybe we'll just check in quickly again to see -- we were expecting a couple more 11 Council members this morning. 12 13 14 MR. BURCH: Hello, Eva. This is Mark 15 Burch from the Department of Fish and Game as well. 16 17 MS. PATTON: Good morning, Mark. Pardon, everybody, I have a bit of a bad cold, so I'm a 18 little hoarse. If you can't hear, just please pipe up 19 20 and let us know if you need us to talk louder. I can't 21 see you out in teleconference land, so just pipe in if 22 you are having a difficult time hearing. 23 Do we have any other North Slope RAC 24 25 Council members that have joined us this morning? 26 27 (No comments) 28 29 CHAIRMAN BROWER: Good morning, Eva. 30 This is Gordon Brower. What other -- who other RAC 31 members are we expecting? Is that Steve? 32 33 MS. PATTON: Mr. Chair and Council. 34 Steve Oomittuk was planning to call in. I understand 35 his mom is in the hospital unexpectedly here in 36 Anchorage, so he may not be able to join us this 37 morning. Lee Kayotuk was planning to call in this 38 morning. I just confirmed with him yesterday. 39 Similarly, Esther Hugo was planning to call in but also 40 may have had to go take care of family. 41 42 So I think this morning we have Lee 43 Kayotuk confirmed and I can give him a call quickly and 44 then I think maybe we'll go ahead and begin. Aqain, 45 both Steve and Esther may be attending to family 46 medical issues this morning. I know Jerry had other 47 meetings planned for today, so we weren't expecting 48 Jerry. 49 50

CHAIRMAN BROWER: All right. 1 Well, 2 we'll take your lead there, Eva. Were you going to go ahead and make that call? Do you want us to wait or 3 4 are we going to begin or.... 5 6 MS. PATTON: Why don't we go ahead and 7 begin. We can begin with roll call of Council members. Again, for the agenda today, this is just a follow-up 8 9 teleconference meeting, so we have an opportunity for 10 further discussion with BLM staff on NPR-A and other activities in the region. Then we will also have 11 follow-up discussion with our fisheries staff on the 12 13 Fisheries Resource Monitoring Program. At the winter 14 meeting we did not have funding updates yet and we have 15 that now, so we have some good news and plans there for 16 opportunities in the North Slope Region. 17 18 And then just briefly updates on the 19 Federal subsistence wildlife proposals that did pass so 20 that the Council and communities are aware of that in 21 the region as well. 22 23 Mr. Chair, I will -- oh, we were also 2.4 expecting -- Wanda Kippi was going to call in this 25 morning as well. Let me give those two a call. If you 26 would like to begin for welcome and introductions, 27 Gordon. Mr. Chair, thank you. 2.8 29 CHAIRMAN BROWER: All right. Thank 30 you, Eva. You said you wanted to start off with roll 31 call and are we going to need a guorum? 32 33 MS. PATTON: Mr. Chair and Council. This is primarily an informational updates, but if the 34 35 Council wishes to take any action or make formal 36 recommendations in the form of a letter, then a quorum 37 would be needed for that. 38 39 CHAIRMAN BROWER: All right. Lee 40 usually does the roll call. It's kind of difficult 41 doing everything on a teleconference level when we 42 don't have the in-person type meeting going on. Is 43 that something that you can provide is the roll call, 44 Madame Coordinator? 45 46 MS. PATTON: Mr. Chair, you bet. Wanda 47 Kippi is our secretary. She hasn't joined us yet. So 48 I will begin the roll call. And given that we're in a little bit of a tight timeframe, Rosemary has some 49 50

Page 281 exciting developments working with students in the 1 2 region there. So we'll go ahead and do roll call and 3 proceed with the meeting. As BLM is providing their 4 updates, I can give Wanda and Lee a call. 5 6 So we'll begin. Gordon Brower. 7 8 CHAIRMAN BROWER: Here. 9 10 MS. PATTON: Robert Shears. 11 12 MR. SHEARS: Good morning. Here. 13 14 MS. PATTON: Morning, Robert. Wanda 15 Kippi. 16 17 (No response) 18 19 MS. PATTON: I'll give Wanda a call in 20 a bit. Steve Oomittuk again is likely not going to be 21 able to join us this morning. Fredrick Neakok. 22 23 MR. NEAKOK: I'm here. 24 25 MS. PATTON: Welcome, Fredrick. This will be an opportunity to welcome Fredrick as a new 26 27 North Slope RAC member. As the Council recalls, he went to help with the school fire in Anaktuvuk Pass at 2.8 29 the time of our winter meeting. So really good to have 30 you on, Fredrick, and welcome. 31 32 MR. NEAKOK: Thank you. 33 34 MS. PATTON: Jerry Sikvayuqak aqain had 35 other meetings today. Esther Hugo. 36 37 (No response) 38 39 MS. PATTON: I'll give her a call. She 40 may not be able to join us this morning. Lee Kayotuk. 41 42 (No response) 43 44 MS. PATTON: I'll give Lee a call. 45 Rosemary Ahtuangaruak. 46 47 MS. AHTUANGARUAK: Here. 48 49 MS. PATTON: Morning. Okay, so we have 50

four Council members present. We don't have quorum at 1 2 this time, but again largely informational and we expected to have both Lee and Wanda joining us. 3 They 4 both confirmed yesterday they would be on, so we expect 5 to have them on shortly as well. 6 7 Mr. Chair, I will turn it over to you. 8 We were hoping to do an opportunity for Council members 9 to share from their community. Perhaps what we could do 10 is begin with the BLM overview and updates. As we get full Council members on, then we can come back around 11 12 for Council members to have an opportunity to share 13 from their community and updates for the Council. 14 15 CHAIRMAN BROWER: Madame Coordinator, 16 I've got the material open on my computer. I'm not 17 seeing an agenda to guide me through for the 18 teleconference. Am I missing something? Was there an agenda for us to wield? 19 20 MS. PATTON: Mr. Chair and Council. 21 22 Since this is a follow-up meeting, we're revisiting a 23 couple of the agenda items from the winter meeting. So we have call to order, roll call. We do not have 24 25 quorum established at this time. Welcome and 26 introductions. Then the two primary items that are on 27 the agenda for today are the BLM NPR-A and other BLM 28 updates for the North Slope Region, and then the 29 Fisheries Resource Monitoring Program updates. 30 31 CHAIRMAN BROWER: Okay. Since we did a roll call, I'm going to call the meeting to order at 32 9:16 a.m. Barrow time. It's 9:16 at my office. With 33 that I'm going to give the opportunity for council 34 35 members to have a brief report from their area as you 36 make those phone calls before we go into the material 37 that BLM was going to provide from our last winter 38 meeting that we didn't finalize. 39 40 With that maybe I'll go to Nuigsut. 41 42 MS. AHTUANGARUAK: Good morning. Our river went out on Saturday. We've had a good decent 43 start for the geese hunting. A lot of the whalers are 44 45 getting ready for the blanket toss happening in the 46 next couple weeks. I've heard of one boat that's gone 47 out on the river now, but we still have high water and 48 muddy conditions. Some of the boats haven't been out 49 yet, but we started the summer or spring real cold this 50

Page 283 year. We finally have had a more normal start to the 1 2 season, so I'm looking forward to seeing what happens. 3 4 The breakup went real gradual. We 5 didn't have that big meltdown that occurs. So when the 6 ice, when it was late in the evening, no elevated 7 raising of the waters this year, so nice and calm. 8 9 Thank you. 10 11 CHAIRMAN BROWER: Thank you, Rosemary. 12 Any questions from the RAC members to Rosemary. 13 14 (No comments) 15 16 CHAIRMAN BROWER: Hearing none. Thank 17 you, Rosemary, for your report. I'm going to go to Wainwright. I think maybe we don't really have a 18 19 Wainwright representative if I recall and, Bob, you had 20 lived there quite some number of years and do frequent 21 the village from time to time. I know you're a Barrow resident, so I'm going to give you the floor. 22 23 24 MR. SHEARS: Okay. Very good. No, I 25 don't have a lot to add to this meeting today as far as 26 significant comments on Wainwright, although I am 27 coordinating and communicating with many people that I 28 used to live with there. They're having a fairly 29 normal subsistence season. No abnormalities to report 30 that I've heard of. Thank you. 31 32 CHAIRMAN BROWER: Thank you. All 33 right. Thanks, Bob. I'm not too sure if anybody from 34 Point Hope chimed in yet. We'll keep Steve in our 35 prayers. I know his mom was in the hospital and he was 36 attending to his mom. We'll keep them in our prayers. 37 38 Atgasuk, is there anybody that chimed 39 in from Atqasuk? Wanda. 40 41 (No response) 42 43 CHAIRMAN BROWER: Not having heard 44 Wanda. We'll acknowledge those members that do call in. As they get online we'll acknowledge them. I'll 45 46 go over to Anaktuvuk Pass. 47 48 (No response) 49 50

Page 284 CHAIRMAN BROWER: We'll acknowledge 1 2 folks from Anaktuvuk Pass as they get online. With 3 that, Kaktovik. 4 5 (No response) 6 7 CHAIRMAN BROWER: All right. We'll 8 acknowledge Kaktovik. He had intended to call in, Lee. I don't know if he overslept or he's busy working. 9 10 We'll acknowledge Kaktovik representatives when they chime in. I'm sure Eva is busy making those calls. 11 12 13 MS. PATTON: Mr. Chair and Council. 14 15 CHAIRMAN BROWER: Yeah, go ahead, Eva. 16 17 MS. PATTON: We did just get a call from Esther Hugo. She is attempting to call in. She's 18 going to try a different phone. She wasn't able to get 19 20 through on that particular line. Hopefully she'll be 21 able to connect with us soon here. Thank you. 22 23 CHAIRMAN BROWER: All right. Well, I'm just going to say a little bit here. Just like Nuiqsut 24 25 and other areas on the Slope it's been a slow -- well, 26 more like a normal spring breakup that I grew up in the 27 '70s when we were able to go geese hunting all the way 28 up to June. We seem to be having that kind of spring. 29 A lot of snow and people are hunting left and right and 30 getting geese. 31 32 I think the last crews pulled up a few days ago from the ice. I think that was Crawford's 33 34 boats. I'm pretty sure we're kind of wrapped up for 35 the season on whaling activities. It's been a difficult year in terms of struck and lost and that's 36 37 been an issue for this community this year. 38 39 Other than that the peak of subsistence 40 activities on the Slope is about ready to begin with 41 the summer and coming around. I'm sure people are going to be making dried fish and other things like 42 that, dried caribou. We're excited that the majority 43 of the winter is past. We heard there's a storm coming 44 45 here in the next couple -- in the next day, I think. 46 Either tonight or something. 47 48 But other than that I don't have very 49 much to report. Only that. So I'm going to see if any 50

Page 285 other Council members chimed in. Maybe Lee or Esther 1 2 or Wanda. 3 4 MS. HUGO: Hello. Good morning. This 5 is Esther. 6 7 CHAIRMAN BROWER: Good morning, Esther. 8 We did introductions earlier. If you could just introduce yourself and then maybe talk a little bit 9 10 about your region before we go into the presentations that BLM had to do that we didn't finish in our winter 11 12 meeting. 13 14 MS. HUGO: Okay. My name is Esther 15 Hugo and I'm with the North Slope Borough RAC. I've 16 been with -- hello? 17 18 CHAIRMAN BROWER: You're on. 19 20 MS. HUGO: I'm just here to listen in 21 and do the teleconference. I'll just listen in and if I have questions will -- as we go by the agenda. 22 Ι 23 don't even know how many years I've been in with, but I'm glad I'm here to be participating with a lot of our 24 25 concerns. Good morning to all. 26 27 CHAIRMAN BROWER: (In Inupiag), Esther. Very good. How's the breakup season in Anaktuvuk 28 29 going? 30 31 MS. HUGO: I haven't been home the whole month of April or March. I just came home like 32 last weekend. I know all the rivers pretty much was 33 34 okay, but it's still cold. I don't know exactly the 35 breakup, but I know it was -- all over it was okay, I think. I wasn't here most of the time, so I don't know 36 37 how the breakup went, but right now it's just cold. 38 It's like beginning of May -- I mean beginning of April 39 or something. Most of our snow is gone except for the mountains and a few in the foothills. 40 41 I took a couple of trips, at least 42 three, four trips, so within the week I've been home. 43 44 (In Inupiaq) I sure wanted to go out and I got ready 45 and -- you know, we went out, we always see bears out 46 there every time we get going there, out there to where 47 we go look out there's bears. We saw a big old moose 48 down south. 49 50

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Page 286 There's some spring caribou still I'm just happy

2 heading up north. Some people are catching some. Unfortunately I haven't got anything. 3 they're around and we're able to catch what we need to. 4 5 6 CHAIRMAN BROWER: Thank you, Esther. 7 It's always good to hear from our Council members. I'm going to see if any other Council members from Atqasuk 8 9 or Kaktovik chimed in yet. 10 11 (No response) 12 CHAIRMAN BROWER: All right. Once we 13 14 hear from the other Council members that chimed in --Eva, I think that might conclude introductions for now 15 16 from the RAC members. I wish I had an agenda paper to 17 guide me right now so I could go to the appropriate 18 next area. I look to you to..... 19 20 MS. PATTON: Mr. Chair. 21 22 CHAIRMAN BROWER: Go ahead. 23 24 MS. PATTON: Thank you, Mr. Chair and 25 Council. Again, the two agenda items are just the two 26 issues identified in the news release. So we did have 27 further discussion and updates with BLM NPR-A and we 28 have many of their staff on teleconference now. In 29 addition, the packet of information that was sent via 30 email, the summary overview and also the permitted 31 activities in the NPR-A area and their communications 32 plan. So hopefully everybody was able to get those. 33 34 Mr. Chair, if you'd like to continue 35 with the NPR-A updates from BLM, we could continue with 36 that. I did put a call in to try to reach the other 37 Council members. I'll check in with them when they 38 join us. 39 40 Thank you. 41 42 CHAIRMAN BROWER: Thank you, Eva. So 43 with that we'll do the NPR-A update and hand it over 44 to BLM. 45 46 MS. FRITZ: Alrighty. Thank you, Mr. 47 Chair. This is again Stacey Fritz. Uvlaalluataq. 48 Good morning, everybody. We're really happy to join. 49 I'm here with Sarah LaMarr, the assistant manager for

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Page 287 the Arctic District Office, and Erin Julianus, who is a 1 2 biologist in the Central Yukon Field Office. 3 4 I provided three documents for the 5 Council, which we're going to also try our best to make 6 permanently available online. I already have one 7 online, so I'll make sure you get the links to those. The three documents that I sent, one is a spreadsheet, 8 9 about 15 pages long. It's called the 2018 BLM Permit 10 Activities in the NPR-A. I've continually tried to 11 improve the format of this to make it user-friendly. 12 13 So if you manage to print it in color, 14 you'll see that the first couple pages are kind of a 15 salmon color and that is all the oil and gas 16 permitting. And I'm trying to do it by calendar year, 17 so it does include some stuff that already concluded last winter's seismic exploration and exploratory 18 19 drilling programs in the NPR-A last winter. 20 21 Then the next section of that 22 spreadsheet if you have it in color is in green and 23 that's all the science and research surveys that we are 24 permitting or that BLM employees themselves are 25 conducting this summer up in the NPR-A. So this 26 spreadsheet tries to get in one document all the basic 27 information that people might want and then, of course, 28 we're happy to provide any other details on any of 29 these projects. 30 31 But the organization is that the first 32 column on the left says who is doing the activity, the next column says where they're doing it, third column 33 34 says when, fourth column is exactly what they're doing, 35 so a summary of the actual description. Then we have 36 the number of people involved and the next column is 37 how, the access, so whether it's by Rolligon or 38 helicopter or fixed wing. 39 40 I'll say that when we have it, we put 41 in the tail number and description of the helicopter, 42 the commercial name of the chartered fixed wing when we have it. Then we list the number of takeoffs and 43 44 landings. There's an explanation at the very back of 45 the spreadsheet that's somewhat relevant. We count the 46 number of times that an aircraft lands and then takes 47 off from BLM-managed land. So it doesn't include takeoffs and landings of commercial aircraft from 48 49 airstrips. 50

It's not exactly what most people would 1 2 consider to be a flight. So it's a higher number than what most people would consider a flight. 3 So like a 4 helicopter could go out in the morning, touch down 5 dozens of times, and on our end that's going to be 24 6 takeoffs and landings, whereas other people may 7 consider that to be one flight. 8 9 So we're working to get better ways of 10 sort of representing -- we think that the number of use days by aircraft is probably a more accurate method of 11 disturbing resources, whether it be caribou or humans. 12 13 So we are starting to provide -- have industry and our 14 permittees provide more detailed flight reporting and 15 we are constantly improving the way we try to 16 characterize the actual flight activity occurring. 17 18 So, like I said, there's oil and gas 19 first and then science and research, so there's several 20 pages of science and research, and then we have a 21 section called infrastructure development. So that's things like the fiberoptic cable, the ASTAC Fiber Optic 22 23 Cable Project. Then transportation. So a lot of that is Peak and like doing the fuel haul, USGS moving their 24 25 final conexes out of their locations. 26 27 Then we have a section called 28 restoration and cleanup. So that's where the Legacy 29 wells rehabilitation and cleanup projects are listed. 30 Cleanup at Umiat ongoing by the Corps of Engineers is 31 on there. 32 33 Then there's a yellow section called 34 That's mainly BLM. We have our monitors inspections. 35 and inspectors who go out and inspect the Legacy well 36 cleanup, the Conoco sites, various other locations, 37 Umiat. 38 39 Then we have a recreation section. So 40 far I believe we have processed only one permit for commercial recreation. That's a guided river trip for 41 42 recreation down on the Naggu, Utukok and Etivluk. 43 44 Then the final section is guided 45 hunting. To date we have processed one permit for 46 commercial guide activity in the NPR-A. We do 47 anticipate doing more of those over the summer, so I 48 will be continually updating this spreadsheet and I will have the updated spreadsheet available online. 49 So 50

Page 289 it's online now and I'll make sure that you get the 1 2 link, okay. 3 4 Does anybody have any questions at this 5 point about the format of the spreadsheet or 6 suggestions on ways that could be more user-friendly? 7 Does it have all the basic information that people 8 want? 9 Hello, Stacey. 10 MR. SHEARS: Bob. 11 12 MS. FRITZ: Hi, Bob. 13 14 MR. SHEARS: Where would you plug a 15 military training exercise into this spreadsheet? 16 17 MS. FRITZ: Well, that's interesting. I don't recall us doing any permits for a military 18 19 training exercise. So if it was -- you know, I think I 20 would just make a new category, honestly, because that 21 doesn't really fit into any of these other categories. Is there something we should know about? 22 23 24 MR. SHEARS: North Slope Borough 25 permitted a military training exercise on the tundra 26 this last winter. I don't know if they actually went beyond Barrow UIC properties onto BLM property, so it 27 28 probably wasn't (indiscernible - phone interference). 29 What I hear is that they're interested in coming back repetitively year after year. 30 31 32 MS. FRITZ: Huh. Well, we -- you know, 33 I don't -- we haven't heard anything about it. I do 34 know that on the horizon, you know, the Department of 35 Defense is looking at, you know, upgrading some of the 36 distant early warning, north warning system radars and 37 those are within the NPR-A, so those are certainly 38 military activities that we permit. But we have not 39 heard anything about the military training exercise. 40 If the North Slope Borough thinks it's something we 41 should know about, we definitely invite them to share 42 that information with us. 43 44 MR. SHEARS: Okay. Thank you. 45 46 MS. FRITZ: So thanks for that 47 question. Does anybody else have any questions about 48 the spreadsheet? I also have in the past distributed 49 this by email to my large group of North Slope contacts 50

Page 290 and we're just going to review it and make sure it's as 1 2 accurate and up to date as possible before I do that. 3 I usually do that about mid-June. 4 5 The other.... 6 7 MS. AHTUANGARUAK: Stacey, this is 8 Rosemary. How about any information on the spreadsheet that connects the associated interaction with the 9 10 project. A lot of these different things that come upon us are activities that industry goes in 11 collaboration with other entities and the different 12 13 resources to site to site, like will probably go to multiple sites and will become issues. They have some 14 of that kind of connectivity also that shows because I 15 16 know that's a big part of how some of our traditional 17 hunting sites have gotten damaged and it's not listed 18 on the routes that are discussed on some of the 19 activities. 20 21 So when they come back and inspect 22 we're fighting about how the damage occurred because 23 they're not out inspecting when the damage happens and 24 we find it after the snow melts and our tent sites and 25 floor structures get damaged and then we have to defend 26 how it got damaged. We've taken pictures during..... 27 28 (Phone disconnect) 29 MS. AHTUANGARUAK: .....activity 30 31 occurring over here, they'll try to hop on the flight 32 and that adds into the traffic. When the pilots are 33 just sitting on the ground and don't have things occurring, they don't mind doing some of this other 34 35 inter-site connectivity, but it isn't documented and 36 those are some of the more impactful concerns that we 37 have. 38 39 MS. FRITZ: So it's interesting we do -you know, in all the mitigation that we have 40 41 established for trying to reduce impacts from flights specifically in the Colville Delta area, you know. We 42 43 do request that people try to share flights, reduce the number of flights if there's redundancies. So if that 44 45 happens, like people are like, oh, well, I need to go 46 out to that area too, maybe I could jump on the flight if there's space. On one hand I could see that that 47 48 would be an attempt to comply with our mitigation measure to reduce, you know, individual flights 49 50

Page 291 necessary to reach certain sites. Like use fewer 1 2 helicopters to get more people out to sites they need 3 to go to. 4 5 But I think I see your point in that we 6 have the oil and gas section and that does include all 7 the summer activities, all the environmental studies 8 that ConocoPhillips specifically -- and also oil search, you know, will be conducting this summer. 9 But 10 then you can tell when you go to the green section for science and research surveys that a great deal of those 11 12 take place in the Fish Creek, you know, GMT2 Willow 13 area. 14 15 So I think what you're saying is like 16 those are connected but it's not clearly showing on 17 this spreadsheet that they're connected to that oil 18 industry activity. 19 20 MS. AHTUANGARUAK: Right. 21 22 MS. FRITZ: So I wonder if maybe what we could do is add a column that indicates that these 23 studies are taking place to monitor either the baseline 24 environmental conditions before anticipated industrial 25 26 activity or as monitoring ongoing industrial activity. 27 The third line down, BLM Fish Creek Watershed, 28 Teshekpuk Lake Region, BLM's fish biologist Matt 29 Whitman will be out there doing fish and hydrology studies. Those studies are indeed directly related to 30 when or where industry plans to explore and develop or 31 32 where they have to monitor the impacts. 33 34 So I think that's a great suggestion. 35 Thank you. I'm going to add a column and maybe even a 36 different section, science research surveys that are 37 connected to industry and then we can separate those 38 from all the science and research that are connected to 39 just like climate change or fisheries resources across 40 the NPR-A that are not specific to industry. I like 41 that suggestion. 42 43 44 MS. LAMARR: Yeah, that is a really --45 this is Sarah LaMarr and I think that is a really great 46 suggestion. The other thing we could add in that 47 column too is if there's a route that is being shared 48 by multiple entities. 49 50

Page 292 1 MS. AHTUANGARUAK: Yeah. Exactly. 2 That's the kind of discussion that's important because when we go in and look at some of these planning 3 4 documents and we try to minimize our conflict with 5 what's happening with their activities and what we want 6 to do with our activities. 7 8 But when we go and look at these 9 different documents and it says there's going to be X 10 amount of flights, but when we get out there and 11 there's a lot more activity because of the combined connection of all of the activities around us in those 12 inter-flights, because of the way it's easy for 13 14 industry to just hop on over there and do some of these 15 different things, whereas if they had to be more 16 accountable in the way that they're just hopping on 17 over there to do these different activities, they might 18 be more hesitant to just fly over there today versus 19 flying over there 15 times this week. 20 21 Those kind of things are really 22 important on trying to give us hope that we're going to 23 be able to try to have a traditional day in our efforts to harvest because it's not -- when we go back to our 24 25 community meeting and your document says, oh, we only 26 did 14 flights throughout the project. No, we were out 27 there and it's always a combat about what's happening with these documents versus what we're living through 28 29 on the grounds and waters. 30 31 So I think any ways we can improve the 32 way that it's being communicated. Because if we know this is going to be a central hauling point where 33 34 materials and things are going to be transmitted to 35 multiple sites, that's very impactful for us to go out 36 and try to do caribou harvest when we're worried about 37 materials being slung and transported at a low height 38 and we're trying to harvest and might have a shot taken 39 and put an animal down, but comes between a helicopter 40 and our animal, sometimes we lose out. 41 42 MS. LAMARR: Yeah. Thank you. 43 44 MS. FRITZ: Thank you. Well, you will 45 see in the column for ConocoPhillips summer activities 46 in the Nuigsut area this summer there are a lot of 47 flights that we're permitting. This system, and Debbie 48 Nigro is the one who tracks this and can explain it in 49 great detail, but we require industry to estimate how 50

many takeoffs and landings they're going to have on BLM 1 2 land. 3 4 Originally they were required to do 5 that so that we could track potential disturbance to 6 endangered species. Clearly humans are very interested 7 in when, where, how much activity is going on. So that's why we list the takeoffs and landings, which is 8 what was required for ESA, but, like I said, we're 9 10 trying to get better about describing that in ways that make more sense to humans, like how many use days. 11 12 It leads me to wanting to talk just a 13 14 minute about one of the other documents that I prepared 15 and submitted to the RAC and that is this North Slope 16 Aviation Outreach and Communication Summary. So what 17 I've tried to do here in one document just list all of the outreach, all of the communication that occurs on 18 19 the North Slope for aviation. I'm not saying that any 20 of it works super smoothly or, you know, minimizes 21 impacts to the extent that people want, but it is the 22 best thing that we've all been able to come up with so 23 far. 24 25 The main thing that happens in Nuigsut 26 is that Conoco -- so whoever is flying in the area they 27 submit their daily flight information to Conoco. Thev 28 have a North Slope helicopter logistics coordinator. 29 So they have two things. They have a call every day at 1:30. The number is on here. Anybody can call in to 30 31 that daily helicopter call-in at 1:30. Then they 32 record the basic information from that call. You can call the hotline. That's the top number on this 33 34 document 1-844-423-7623. You can call that hotline and 35 there'll be a recorded message about where the 36 helicopters are going that day. 37 38 So Conoco has two helicopters in the 39 field for the summer, then there's the description of 40 the helicopters with the tail number. BLM has one 41 helicopter based usually at Umiat or Inigok and we 42 anticipate that oil search will be permitted to do some summer exploration activities. We'll have their 43 44 helicopter information both on the daily recorded 45 hotline and then they produce a helicopter poster. 46 That's been distributed in Nuigsut. It has pictures of 47 all the main helicopters active in the area with their tail numbers. 48 49 50

Then Conoco has developed a map of the 1 2 area. It's a grid system. I requested permission from Conoco to make that available online and I'm sure that 3 4 will be fine. So I'm going to have all of these 5 documents in one place for people. So sometimes they 6 say, you know, helicopter November 5, 6, 7, November 7 Alpha is headed to Kuparuk and they don't actually give the grid locations or they say the Willow area. 8 But 9 sometimes they use the exact grid so you can see 10 exactly where they're going. 11 12 Now Conoco does say that they are hiring a subsistence representative who will be on 13 14 those daily calls. I've requested this information 15 from Conoco. Who is this person, what's their name and 16 contact information so that other people can get a hold 17 of them and I haven't heard back from them. So that's 18 in red on this document because I intend to update it 19 as soon as I get it. 20 21 And that would be so people in Nuiqsut could either communication with this subsistence 22 23 representative or call in to the call themselves to 24 find out where the helicopters are going to be or let 25 them know, hey, this is where we're going to be. 26 Please try and avoid that area. 27 28 So it's not a perfect system. I'm not 29 saying it is, but this is how we -- you know. And I think they're doing their best to sort of make it as 30 31 easy for people as possible. And then Nuiqsut people 32 are also invited to call the Kuukpik subsistence 33 oversight panel for any Nuiqsut area helicopter 34 information. 35 MS. AHTUANGARUAK: 36 The number for 37 Conoco's flights that's going to be a number that has a 38 recording. Are we able to leave messages and how often 39 will it be checked when we're having some of these 40 discussions. Could we put in recommendations? We're 41 going to be setting up our fish camp at such and such, 42 can we get a small buffer around this area. 43 44 MS. FRITZ: Yeah. 45 46 MS. AHTUANGARUAK: We have over-47 flights. Is that the kind of thing that we would be 48 able to discuss? 49 50

Page 295 MS. FRITZ: Yeah. I think that the 1 2 best way to do that would be to alert the North Slope helicopter logistics coordinator and your 3 4 ConocoPhillips village outreach liaison. So right now 5 I guess Rusty used to be the main outreach and I think 6 he may be gone. So I believe that Valli Peterson is 7 your main contact. 8 9 I don't actually have a phone number 10 for the North Slope helicopter logistics coordinator. I just have an email. But definitely Valli and Justin 11 Blank, who supports all of Conoco's North Slope 12 13 aviation, their numbers are on this document as well as 14 the emails for all of them. 15 So there's two ways you could do it. 16 17 You could call any of these people beforehand and relay that information or, and probably ideally, you would 18 19 call in or whoever wanted this buffer or alert 20 established, would call in to the daily helicopter 21 coordination call. That number is here and there's a conference code. It's just every day at 1:30 everybody 22 23 who's active in the area and I'll say 99 percent of the 24 time it's just Conoco if no one else calls in. 25 26 BLM, when we have biologists based out 27 of Inigok or Umiat who are going to be flying in the 28 area, they actually can't call in at 1:30 because 29 they're usually out in the field. So what they do is in the morning they send all their detailed flight 30 31 information to Conoco and Conoco reports it. They talk 32 about it during their call and then they put it on the hotline recorded message. 33 34 35 MS. AHTUANGARUAK: Okay. So the 36 hotline number is just a recorded message? 37 38 MS. FRITZ: Yep. The hotline number is 39 just a recorded message you can call any time and that 40 is updated daily. It tells you where Conoco's two helicopters and any other helicopters..... 41 42 43 MS. AHTUANGARUAK: So is it going to be 44 listed by site or is it going to have coordinates? 45 46 MS. FRITZ: It's kind of both. You 47 know, sometimes they say Kuparuk and sometimes they say 48 the Willow area. Like I said, Conoco has developed this map where the entire area is gridded. I will put 49 50

Page 296 that online and email it to you. It should be 1 2 available in the Nuiqsut area. 3 4 MS. AHTUANGARUAK: I think I've seen 5 parts of it, but I haven't seen the newer process. 6 7 MS. FRITZ: Okay. I'll make sure you 8 get it, Rosemary. 9 10 MS. AHTUANGARUAK: It's the kind of 11 stuff that's really important. For me, I try to print this stuff out and have it in my house so when people 12 13 come and ask me questions I can just pull out the 14 information and encourage people to call in and 15 participate. 16 17 The one big process that we went through in the past is when we had the combined effort 18 19 between multiple research projects associated with 20 Shell combining with Conoco and the North Slope 21 Borough. Is that going to continue to engage in this kind of scenario as we look at the different changes 22 23 that may come into the future coordinating some of this kind of information? 2.4 25 26 MS. FRITZ: I mean the entire point of 27 what this helicopter coordination is to try to 28 coordinate it so there's just one central helicopter --29 aviation. It's not just helicopters. It's fixed wing 30 also. So central points. 31 32 You know, what I can do, Rosemary, to 33 make it easier on everybody is I can print out copies of these and just mail them to you so that you don't 34 35 have to worry about getting them in color and the right 36 size and all that. But I don't know anything about the 37 North Slope Borough coordinating with this. As far as I know we haven't permitted a North Slope Borough 38 39 activities in the Colville area. 40 41 We permitted -- Brian Person, doing his 42 normal geese study in the Ikpikpuk delta is on here. Like I said -- so in the past Caelus has participated 43 44 in those calls. I don't think they have any helicopter 45 activity that we know of. There is a big restriction 46 on that. 47 48 We are really only aware of specifics 49 of activities taking place on BLM-managed lands. So 50

that's not all the land around Nuigsut, but the BLM-1 2 managed land is the only stuff that people -- that's 3 the only places where people are required to provide 4 their flight information to us. 5 6 That said, Conoco, on their hotline and 7 in their daily call-in, they will provide information on everywhere their helicopters and fixed wing aircraft 8 9 are going. 10 11 So just once again I know that they said they're going to hire a subsistence 12 13 representative. As soon as I get the name and contact information for that person, I'll make sure that you 14 15 have it. I'll say that the Native Village of Nuigsut 16 Tribal Council has a standing request that the BLM 17 conduct government-to-government consultation with them 18 on every single permit that we review for the Nuiqsut 19 area. So that's pretty much an ongoing consultation 20 with them. 21 22 They also requested that the BLM come 23 to give a public meeting in Nuigsut this early summer to give an overview of all the permits that we either 24 25 have permitted or are permitting for the area. We are 26 trying to schedule that around Nalukatag without too 27 much disturbance to busy time. So maybe the week of 28 June 18th we're looking at coming up. Maybe Monday, 29 June 18th, we'll have a public meeting. So we would have copies of all of this and maps and just make sure 30 31 that public members who want to be aware have all this 32 information available. 33 34 MS. AHTUANGARUAK: Okay, great. We 35 just want to make sure that there's a process where we get to talk to a body and not just get the machines and 36 37 we have some timely interaction to try to allow us to 38 have some of our times on our lands and waters doing our traditional activities. 39 These kinds of things are 40 really important. Whatever we can do to coordinate 41 some of these interactions to reduce the conflict is 42 really important. 43 44 I do see the time as being a bit of an 45 issue, but the reality is having the opportunity to 46 call in and speak to a body during this process is very 47 helpful. I do suspect that when there are conflicts that there will be some very aggressively upset people 48 that engage in these processes, but also know that it's 49 50

so expensive for us to try to get out and participate 1 2 in our way of life. It's frustrating when we get these constant reactions that lead to a very negative 3 4 traditional experience that we put a lot of effort to 5 try to maintain that way of life into the future. 6 7 I do know that we are going to be 8 having a culture camp and definitely I'll try to make sure that we coordinate some of these discussions with 9 10 that process. It's really important that we have these camps where we go out and spend time on our lands and 11 12 waters and give our students an opportunity to harvest. 13 With the different changes that we're going through 14 it's not as easily done as other communities do. It's 15 important for longevity that we keep these interactions 16 qoing. 17 18 I appreciate that we've gotten to this 19 point where we actually engage in planning calls with 20 the activities as an opportunity and hope that many of 21 our hunters will take this process. When you bring out those documents, if you can make sure that there's some 22 23 that are laminated that would be helpful. 24 25 MS. FRITZ: Sure. 26 MS. AHTUANGARUAK: And then we're also 27 doing a process with the school this summer with the 28 29 drone project through NASA. I'm going to have to get off to go participate with that. The students are 30 31 going to be working to learn to fly the various drones. 32 We have a weather station and we'll be doing hydroponic cabinets for a process to develop a community garden in 33 the future. The process we'll be having Ron Fortunado 34 35 from NASA come out and do the glides with the drones to 36 help get the pictures for erosion along the riverbank. 37 38 39 So if there's some opportunity to 40 connect with the students, we have been engaging at 41 10:00. We may be moving to 1:00 for engagement with the students to participate in this process, but just 42 43 communicate ahead of time and let us know when you're 44 coming out and I'll let you know what days we're 45 participating. 46 47 MS. FRITZ: That's excellent. I think 48 Sam told -- so the acting manager of the Arctic Office 49 is Shelly Jones. She is like super interested in 50

Page 299 helping or participating with the student drone 1 2 project. She's been talking about it quite a bit. She's out of the office today so she couldn't join the 3 4 call. 5 6 But we will definitely follow up with 7 you on that. She specifically wants to help or 8 participate. We certainly would like to know about the project and where it's taking -- you know, the culture 9 10 camps and the drone project. Thank you so much, 11 Rosemary. 12 13 MS. AHTUANGARUAK: All right. Thank 14 you. 15 16 MS. FRITZ: So the other information on 17 this outreach and communication handout, you've got the 18 -- I mentioned the poster, then we have the BLM Arctic 19 Unit aviation manager, Susan Bissell. Her contact 20 information is on here. I mentioned the spreadsheet 21 that I distributed. I have the information on here for 22 North Slope Search and Rescue. We have Facebook, so 23 BLM does have an NPR-A news Facebook page and I really 24 invite you to all like that page so that you see any 25 updates that BLM posts on there. We try to post a 26 couple times a week. 27 And then the other thing that we find 28 29 is that's not super effective for actually communicating to residents in an area, so when we do 30 31 permit an activity or have a BLM activity based out of 32 a community, what I've been doing is hiring locals to 33 post the information about the project on their own 34 personal Facebook page because they're usually friends 35 with everybody in the community and that's a far more 36 effective way of making sure that everybody knows 37 what's going on. 38 39 We have several -- we distribute to all 40 permittees a couple things. Aviation awareness and 41 conflict avoidance letter. I have another special 42 stipulation about tips and stipulations to avoid 43 disturbing subsistence camps. I ask people to try to 44 fly certainly away from heavily-used subsistence rivers 45 and all those rivers are listed. To avoid camps and 46 cabins. To try and fly -- if they have to do a bunch 47 of research or monitoring in the NPR-A, we try to get them to do it in June and avoid July, later July, 48 49 August. So the earlier the better time to avoid peak 50

Page 300 caribou hunting season. I try to get them to do it 1 2 early in the morning and during weekdays instead of weekend afternoon. Not perfect, but just with the tips 3 4 that they can use to avoid and then you work with the 5 community itself. 6 7 So then there's just a couple other 8 resources on aviation outreach and communication in that document with some links and that will be 9 10 available online. The other document that I distributed for the RAC was just -- it's called the 11 12 update on 2018 permitting activities. What that is is 13 just a little bit more information on some of the big 14 projects and this is by no means complete. 15 16 The main thing on there is the GMT2 17 draft supplemental environmental impact statement. We have the project lead from the BLM State office 18 19 Stephanie Rice is on the line to give you a brief 20 update on that project and that's also described in the 21 document. 22 23 Mr. Chair, did you want Stephanie Rice 24 to give a brief update on the status of the GMT2 25 project? 26 27 CHAIRMAN BROWER: I'm going to refer to 28 the wish of the Council. What's the wish of the 29 Council? Do you guys want to hear a little bit of the GMT2 update? 30 31 32 MS. HUGO: Sure, that would be 33 interesting if it's short and brief. 34 35 CHAIRMAN BROWER: All right. There's 36 an interest, so let's do it. 37 38 MS. FRITZ: All right. Stephanie Rice. 39 40 MS. RICE: Thank you all very much. My 41 name is Stephanie Rice. I work in Anchorage and I am 42 the GMT2 project manager. So just real briefly. We published the draft supplemental environmental impact 43 44 statement on March 23rd and the public comment period 45 closed on May 17th. During that time we held four 46 public meetings in Atgasuk, Nuigsut, Anaktuvuk Pass and 47 Utqiagvik. Those meetings also included subsistence hearings. 48 49 50

Page 301 For the draft EIS we did make a finding 1 2 of may significantly restrict for subsistence uses for Nuigsut, for the project itself and then the cumulative 3 4 impacts analysis, so the GMT2 project plus all the 5 other developments that's going to occur at the same 6 time as GMT2 cumulatively may significantly restrict 7 subsistence activities for Utgiagvik, Anaktuvuk Pass and Atgasuk. 8 9 10 So during the public comment period we held hearings to get input from the communities about 11 12 how to lessen those impacts and how to mitigate them. 13 So right now we have gotten all of the comments that 14 were submitted at those public meetings and during the 15 public comment period and we are adjusting the analysis 16 and considering mitigation measures as we come to a 17 record of decision to issue this permit to drill for 18 GMT2. 19 20 We have not published the final EIS yet 21 where we're going to make all those changes based on 22 the public comments and we don't know right now when 23 the final is going to come out, but it will probably be 24 sometime this summer. And then after that we will issue a record of decision and give ConocoPhillips 25 26 their permit to drill. 27 28 So that's pretty much the status of 29 GMT2. Are there any questions? 30 31 CHAIRMAN BROWER: Any questions from 32 the Regional Advisory Council. 33 34 (No comments) 35 36 CHAIRMAN BROWER: Hearing none. Thank 37 you for the GMT2 update. 38 39 MS. RICE: Thank you all. 40 41 MS. FRITZ: Thank you, Stephanie. So 42 we actually have two projects that we're permitting that we would appreciate any input from the RAC members 43 44 Since Jeannie Cole from the Central Yukon Field on. 45 Office just joined us, I'm going to skip the ASTAC 46 fiber optic cable for now and talk just a little bit 47 about the North Slope Borough community winter access 48 trails right-of-way. The BLM Arctic Office..... 49 50

Page 302 1 MS. AHTUANGARUAK: Stacey. 2 3 MS. FRITZ: Yep. 4 5 MS. AHTUANGARUAK: I'm sorry. This is 6 I was trying to get back on, but I got Rosemary. 7 locked up here. This is really important for Nuigsut and the changes that we faced. We've really been 8 9 impacted with changes to the east of our village and 10 changes to the north of our village and changes to the west of our village. Concerns to future changes that 11 are being discussed to the south of our village is 12 13 severely concerning to our community. 14 15 It's really important that we look at 16 this process in a staggered way. We can't just have 17 the development occur as it has been occurring already around our community because of the failures to protect 18 19 our subsistence and the migration. Having that 20 migration come to our community is really important and 21 having the migration impacted in those different 22 directions makes it really difficult for our community 23 to harvest and continue our way of life. 24 25 We haven't discussed in our region what 26 a staggering of development to the south side of our 27 community is, so I recommend that there is no activity 28 to the south of the proposed development on the GMT2 29 project to allow our communities to come back and discuss what it would look like to do this. 30 31 32 It's really important that before we go forward with more activities in leasing that we get a 33 discussion in ways to return some of the migratory 34 35 patterns that have been impacted with the existing 36 infrastructure development that has happened. 37 If there's some modifications that we 38 can do to allow animals to come back to our community 39 40 from the directions that they used to come to our 41 community, these kind of discussions are very important 42 to happen instead of just allowing more and more 43 projects to occur. 44 45 The reaction to our communities are not 46 just one. It's multiple communities that are being 47 impacted by these discussions and we haven't been able 48 to fully discuss what that would look like, but I hope 49 that we are given this opportunity to discuss ways that 50

Page 303 we have that can be discussed to give us hope that 1 2 we're going to get migrations from the south side of 3 our community. 4 5 That inter-community migration that has 6 traditionally occurred between the communities of 7 Nuigsut and Anaktuvuk are so important with our 8 traditional uses in harvest that it's important that we continue to support these discussions that protect both 9 10 of our communities' resources as well as the region as 11 a whole. 12 13 By doing a push-back on this process and allowing our community to discuss what is agreed of 14 15 development in that area might look like to hopes that 16 we might have subsistence occurring in our community 17 with the threats that have already proven to restrict 18 traditional cultural uses in lands around our 19 community. 20 21 MS. FRITZ: Thank you for that, 22 Rosemary. There is indeed a lot of activity planned 23 around the Nuigsut area, including to the south as I Oil Search is the name of the company. 24 mentioned. Т 25 believe they bought out Armstrong's leases and they're 26 going to be doing some exploration to the south of 27 Nuigsut this summer. Most of the lands directly south of Nuiqsut is State land, so we're talking about the 28 29 Federal lands to the west of the Colville. I think they're doing that in anticipation of a winter 30 31 exploratory drilling season. 32 33 I think in the big picture the leasing 34 plan, the integrated activity plan that the BLM did for 35 the entire NPR-A. That was sort of the major decision 36 that was made, like which lands to make available for 37 leasing. I'm sure you've probably heard this before 38 that once the BLM leases the land that conveys the 39 right to explore and develop to the company that leased 40 it. 41 42 So that's -- yeah, I understand it's 43 very frustrating for people. It's very hard for them 44 to keep track of these processes. We're continually 45 trying to improve our communication. Personally I feel 46 like the best that I can do is to just let people know 47 what's planned to happen hopefully before it actually 48 happens. 49 50

But I hear you and definitely what we 1 2 will do is do our best when we come to Nuigsut here in a couple weeks to give a broad overview of all the 3 4 permitted activities. We didn't yet discuss -- I know 5 the Native Village of Nuigsut Council had a lot of 6 concerns about Conoco's activities doing marine 7 environmental studies in Harrison Bay in anticipation of developing a temporary gravel island near Atigaru. 8 9 So that is one of the things that we will discuss in 10 Nuiqsut this summer just to at least give people a 11 heads up. 12 13 Our analyses that we've done and this 14 is just a draft, they're not based on measurable 15 impacts to date. With these analyses what we are 16 required to do is do our best to predict what the impacts will be over the course of the life of a 17 project. So it's really a difficult -- because there's 18 no science, you know, of what's going to happen to, for 19 20 example, the caribou movement in the future. 21 22 I think our best judgment so far has 23 been the development such as the GMT2 road to the west 24 and activity on that road. It does have the potential 25 to deflect some caribou from the Teshekpuk Caribou Herd 26 from traveling to areas closer to Nuigsut in the 27 Colville where they're traditionally harvested. So 28 that could impact people who traditionally harvest 29 caribou from rivers by boat. 30 31 Nuiqsut residents are switching. A lot 32 more people are traveling overland with four-wheelers 33 and they're traveling overland west of the community by 34 four-wheelers. 35 36 There's a lot of people who think that 37 since that's what people are doing anyway the road will 38 facilitate their access to new hunting grounds where 39 more caribou will be easily available. We don't have a 40 crystal ball, so there's no way for us to say with any certainty what the impacts will be, but we do try to 41 42 use all the best available data to predict what the impacts might be over the course of 30-33 years of life 43 44 of this project. 45 46 To date, Nuigsut hunters have been able 47 to harvest caribou in adequate numbers, so there's no hard data other than certainly we have data that 48 49 hunters are disturbed by aircraft. I think there's 50

Page 305 clearly enough traditional knowledge and constantly 1 2 reported disturbance from hunters that the aircraft 3 disturbs their hunting experience and it makes the 4 caribou run around crazy and harder to shoot. There's 5 no hard scientific western evidence to date that it 6 deflects caribou herds from their traditional migration 7 paths. 8 9 So we can definitely say that it 10 affects the experience of hunting and it makes it 11 harder to hunt those caribou, but to date Nuigsut 12 hunters have still managed to get caribou at adequate 13 numbers. Despite that we were able to, at least in the 14 draft EIS, make it clear, be transparent about the impacts that we do believe are likely from the road and 15 16 development out west. 17 18 We haven't done any analysis for 19 development further south of the community, but when we 20 come there we will do our best to be as transparent as 21 possible about all the activity that we see on the 22 horizon for the Nuigsut area. I hope that helps. 23 2.4 I'm not sure if Rosemary is still 25 online. 26 27 MS. AHTUANGARUAK: Sorry. This is Rosemary. Yes, definitely that helps a little bit. 28 Ι wish I could stay on further, but my students are here 29 now, so I have to get off. If we can call in and give 30 31 further discussion, I definitely would like to, but I 32 can't divide in half. Thank you. 33 34 MS. FRITZ: Thank you, Rosemary. 35 36 CHAIRMAN BROWER: Thank you, Rosemary. 37 38 MS. FRITZ: So, as I was saying the 39 Arctic Office of the BLM permitted the Arctic 40 Slope.... 41 42 CHAIRMAN BROWER: Stacey, can we hold 43 for just a second. I want to see if there's any other 44 Council members that have dialed in maybe from Kaktovik 45 or Atgasuk. 46 47 (No response) 48 49 CHAIRMAN BROWER: Hearing none. Go 50

ahead. 1 2 3 MS. FRITZ: That's too bad. I really 4 wish that people from Atgasuk were on the line. 5 Eventually we want to talk about that fiber optic 6 cable. For now, as I saying, the BLM Arctic Office we 7 permitted the Arctic Slope community winter access 8 trail in the fall of 2017. North Slope Borough and 9 their contractors had those caravans. People traveled 10 between Utgiagvik and the Dalton. 11 12 Now the BLM Central Yukon Field Office 13 is evaluating the proposed winter snow trail route to 14 Anaktuvuk Pass. They're doing an environmental 15 assessment. We are -- if there's any questions or 16 input from community members about that route, about 17 stipulations that they want to -- some of the main 18 questions that BLM, the team here, has include the 19 staging area. We're looking at the Galbraith Lake 20 Campground. 21 22 Right now we're looking at a gravel pit 23 south of Galbraith Lake airport, but DOT told us 24 yesterday they have concerns about that. So it's 25 possible we might be looking at having them create like 26 a snow pad or something for a staging area that's 27 outside the airport. That's just north of the 28 Galbraith Lake Airport. 29 30 So unlike the winter access trails on 31 the North Slope, on the Arctic Slope, where people have 32 to go through oilfield security, the one off of Dalton to AKP there's no permanent industry there, so the 33 34 question is whether or not we put up a gate or we ask 35 the North Slope Borough to put up a gate to prevent 36 road vehicles from the Dalton accessing that road 37 outside of the caravan times. So that's one of the 38 things we're evaluating. Would really appreciate your 39 input on that. 40 41 The archaeologists are looking at the 42 potential impact to cultural resources. One other potential issue is that that Galbraith Lake area is 43 44 very popular for people to go dog mushing. So if there 45 was a packed snow trail, people would probably be 46 tempted to mush their dogs on that or go skiing on that 47 or just walk on it, riding their fat bike, ride their bicycle. They wouldn't be able to drive on it with a 48 49 car unless they were with the caravan. We'd be 50

Page 307 interested to hear what people think about that. 1 2 I know Esther was on the line and 3 originally Sollie was on the line. I don't know if 4 5 he's still there. Especially people from Anaktuvuk 6 we'd love to hear any input you have on staging area, 7 gate, non-motorized recreational use, any concerns that 8 you have. 9 10 MS. HUGO: Stacey, this is Esther. Do 11 you have a map on the trails of the right-of-way from 12 there? 13 14 MS. FRITZ: Yeah, we have a map. Ιt 15 wasn't provided with this, but I'm going to have 16 Jeannie sort of describe it to you. You know the area 17 well enough. I think you'll understand. 18 19 Okay. Well, it starts right MS. COLE: 20 by Galbraith just off the airport road. The road that 21 goes from the Dalton Highway to the Galbraith airport, it would start right off that road and it would go 22 23 north for about 10, 12 miles and then turn and go west until it gets over towards Anaktuvuk valley and then it 24 25 would come down the valley to Anaktuvuk Pass. 26 27 MS. FRITZ: Yeah. So generally it goes 28 straight north from AKP and then takes kind of a right 29 turn. You're leaving Anaktuvuk. It goes through some ASRC land, Nunamiut Corporation land, State land..... 30 31 32 MS. COLE: And BLM land. 33 34 MS. FRITZ: .....and BLM land. You're 35 following the foothills, yeah. 36 37 MS. HUGO: You stated earlier that 38 maybe the dog mushers or the skiers or the hikers will 39 be able to access the trails? 40 41 MS. FRITZ: We think it's likely 42 because it's in an area that recreational dog mushers 43 like to use anyway. So if there's a nice packed snow trail there, then it seems likely that people will want 44 45 to use it. So I think it's a complicated issue because 46 I don't know that we could legally prevent them. Ι 47 think there's some State money going into these road 48 systems, so they're sort of public. 49 50

Page 308 Now certainly we -- with the North 1 2 Slope Borough it's completely restricted to road traffic unless it's with the caravan organized by the 3 North Slope Borough. But recreational use people would 4 5 be able to go around a gate, so we wouldn't be able to physically restrict them and I don't think we'd be able 6 7 to legally restrict them either. 8 9 MS. COLE: And even if they -- you 10 know, we could tell them they couldn't go on the road, but they could go right next to the road because that 11 12 area is just open to non-motorized uses. 13 14 MR. NEAKOK: Good morning. My name is 15 Fredrick Neakok. I was wondering if I could bring 16 something up. I'm one of the RAC members in Barrow. 17 Is that possible? 18 19 Yeah, please. MS. FRITZ: 20 21 MR. NEAKOK: Good morning. Well, here 22 between the Barrow and Atgasuk trail there was a lot of 23 snowmachine travel on the trail over here and not all vehicles went through with a caravan between Barrow and 24 25 Atgasuk. So if there's a possibility of people 26 bringing their snowmachines or ATVs during the winter, 27 that's another possibility as well. 28 29 MS. COLE: Within five miles of the 30 Dalton Highway is closed to snowmachine or ATV use by 31 non-subsistence users unless it's something for oil and 32 gas development or mining and there's nothing going on up there as far as mining. So people 33 34 would not be able to legally ride snowmachines or four-35 wheelers on the road from the Dalton Highway end of it. 36 They could from the Anaktuvuk Pass end. 37 38 MS. FRITZ: So Anaktuvuk Pass residents 39 would be able to because they're subsistence users of 40 the area. They would be able to ride snowmachines and 41 four-wheelers on the road. Outside hunters would not 42 be able to use motorized vehicles because it's within the Dalton corridor. So it's totally different than 43 44 the snow road from Barrow to Atgasuk. 45 46 MR. NEAKOK: All right. Would there 47 also be vehicle inspections like there was on this site 48 as well? 49 50

Page 309 MS. FRITZ: Yeah. The Borough's 1 2 proposed action is basically exactly the same as far as 3 how they would manage the caravans and construct the 4 snow road and everything. 5 6 MR. NEAKOK: All right. No problem. 7 Thank you. I just thought I'd bring that up. 8 9 MS. HUGO: Stacey, this is Esther. I 10 was just going to ask a question that Fredrick asked you. We will be allowed to use the access trail from 11 12 here to Galbraith or not to the Dalton, right? 13 14 MS. FRITZ: If it's for subsistence, 15 you could either go on a caravan with the Borough. 16 17 MS. COLE: In a road vehicle. 18 19 MS. FRITZ: In a highway vehicle. You 20 could use your sno-go if it was for subsistence 21 purposes. I don't know that you would be able to drive your sno-go out and leave it parked on the Dalton 22 23 Highway and then hitch a ride into Fairbanks or 24 something to go shopping. That might not fit under the 25 definition of a subsistence use. I don't know. It's 26 kind of an unknown, but I quess it would be good to 27 know if people think they would want to do that. We can try to figure it out. 28 29 30 MS. COLE: I foresee that people from 31 Anaktuvuk -- how many people have road vehicles in 32 Anaktuvuk, but a lot of people have snowmachines and 33 four-wheelers and they may want to use the road to get 34 to the Dalton and then somehow get to Fairbanks or 35 Anchorage from there. So we want to make sure that if people want to do that that it's legal, that it's 36 37 permitted, that it's not going to create a health and 38 safety issue, that sort of thing. 39 40 MS. HUGO: I sure hope you guys work 41 something out like that because I can just see us 42 opening this access trail from my home to the Dalton and then are you saying anybody, hikers, maybe the dog 43 44 teams, maybe the skiers, they can access that trail 45 from Dalton or Galbraith? 46 47 MS. FRITZ: Yeah, Galbraith right off 48 the Dalton. 49 50

MS. COLE: Basically from the Dalton 1 2 because there's a road that goes from the Dalton over 3 to the Galbraith Lake area. 4 5 MS. HUGO: The thing I don't see is why 6 can't we just go right to the Dalton? You guys got to 7 work on that. I mean I'm sure we're not going to be going to Fairbanks to bring in a lot of booze or a lot 8 9 of drugs, but for a lot of us it will be where we can 10 go shopping, maybe get a refrigerator or, you know, all these things that we need at home, but then if we're 11 12 stopped to Galbraith and then find a way to go to the 13 Dalton.... 14 15 MS. COLE: Now you would be able to go 16 to the Dalton from the end of the snow trail because it hits an open -- the snow trail ends at the road to the 17 airport, the Galbraith airport, which does go out to 18 19 the Dalton. So there would be a way to access the 20 Dalton Highway from there. It's just whether you would 21 be able to ride your snowmachine down and leave it parked there at the staging area by Galbraith and then 22 23 have somebody pick you up and drive you into Fairbanks. 24 25 26 That's what we need to figure out. So 27 if people think they want to do that and that would be 28 something that you think is going to happen a lot, then 29 it would be nice for us to know about that so we can at least consider how we would handle it. 30 31 32 CHAIRMAN BROWER: Stacey, this is..... 33 34 MS. HUGO: Go ahead. 35 36 CHAIRMAN BROWER: Yeah, go ahead, 37 Esther. 38 39 MS. HUGO: Yeah, I'm just saying I'm 40 sure once Mother Nature cooperates with us I'm sure 41 this will be set up, the access trail to Galbraith. I'm sure we'll have some privately-owned vehicles that 42 43 will -- you know, we've got not more than 10. I just 44 wanted to say that. 45 46 Go ahead. 47 48 CHAIRMAN BROWER: Thank you, Esther. Т 49 have a little bit of information as to that. We have 50

been trying to work with DOT and DOT works with 1 2 transportation-related issues as well. So we're in dialogue with DOT on some of these issues that are 3 4 being expressed. There is a camp that belongs to DOT 5 and how the North Slope Borough might be working with 6 DOT. If we needed to have warm shelter or bathroom 7 areas to take those kind of things. So we're working some of those kind of issues. I just thought I'd point 8 9 that out. 10 11 MS. FRITZ: Thank you. So we have also here in the room the habitat wildlife biologist for the 12 13 Central Yukon Field Office and the wildlife biologist 14 who will be looking at the potential subsistence impacts. So any other issues that people can foresee 15 16 that we're not thinking of. That's really the main 17 one, Esther and others, that we thought of that dog 18 mushers might take advantage of the route, whether 19 they're hunting caribou or not. And I don't know if everybody in Anaktuvuk is absolutely opposed to 20 21 recreational users coming in, but I just wanted to give 22 people a heads up that it's only open for a couple of 23 months, but it is during the season when people are doing that kind of travel in the Brooks Range and the 2.4 25 foothills. So AKP may see an increased number of 26 recreational skiers, bikers, dog mushers. I mean I'm 27 tempted to ride my fat bike into Anaktuvuk from the 28 highway. 29 30 (Laughter) 31 32 MS. COLE: How many miles total is the 33 road? 34 35 MS. FRITZ: About 100 miles. 36 37 MS. COLE: Oh, that's a long way. 38 39 (Laughter) 40 41 MS. FRITZ: But that's not very far for 42 a dog musher. It's a nice one-day run, I guess. 43 44 MR. HUGO: Hi. Good morning. 45 46 CHAIRMAN BROWER: And you are right, 47 there are dog team -- I think there's one group that 48 tours to the White Mountains and back that have actual 49 permits to do some of that kind of stuff. 50

Page 312 1 MS. FRITZ: Did we hear Sollie chiming 2 in there? 3 4 MR. HUGO: Yes. Good morning. 5 6 CHAIRMAN BROWER: Go ahead. 7 8 MR. HUGO: I'm not sure who to address. Who's the chairman here? I'm trying to address Ms. 9 10 Chairman Stacey or Mr. Chairman Gordon? 11 12 CHAIRMAN BROWER: Gordon Brower. Go 13 ahead, Sollie. 14 15 MR. HUGO: Good morning to you. 16 Apparently you're discussing this winter trail that was 17 proposed several years ago. The first trace of (phone cutout) and then now we're hearing Galbraith Lake site. 18 19 If anything is inundated, we should know about that. 20 If there's changes, we would like to know about that 21 also. This is causing a disparity over maybe myself 22 and some concerned residents because the point of 23 origin was Big Lake and now it's Galbraith. 24 25 So in all fairness it would be a 26 collective decision to have all people involved to have 27 the paperwork in front of them so they could know what 28 they're referring to instead of trying to paint a 29 picture in your mind, which I easily can do because 30 These are Nunamiut lands these are my regions. 31 primarily. Nunamiut lands. And then having it put 32 elsewhere is kind of -- that would kind of make me feel 33 like I'm secondary in my own home regions. Kind of an insult like. 34 35 36 But if you would provide a map or a 37 plan of course that you're planning to do with the 38 roads there, it would be in your best interest to 39 provide it to the community here because you're 40 suddenly making irrational decisions without even our 41 people knowing about it other than that the road is 42 going on. Which route and who's able to access it. 43 44 Apparently all of a sudden we have 45 recreational folks able to use that, dog mushers, 46 nature people, and probably Norwegians with skis, about 47 50 of them I would think. So it would be in our best 48 interest if you would just provide us with some solid 49 information and then we would be able to put it up and 50

Page 313 say this is what the State of Alaska and the North 1 2 Slope Borough are intending to do to bring us less cost of freight and the things that we might be able to buy 3 4 that we couldn't have purchased without this road. 5 6 In all fairness, this disparity should 7 be a little concern for you guys I would think. Thank 8 you. 9 10 CHAIRMAN BROWER: Thank you.... 11 12 MS. COLE: This is Jeannie Cole.... 13 14 CHAIRMAN BROWER: Thank you, Sollie. Ι 15 think those are very important points. Go ahead, 16 Jeannie. 17 18 MS. COLE: Okay. We did send a copy of 19 the proposed action out to the city of Anaktuvuk Pass, 20 Cathy Lynn Morry, Karlene Ticket, the Anaktuvuk Pass 21 Council, James Nageak, the Simon Paneak Museum, and 22 also to the Native corporation there in Anaktuvuk Pass, 23 to the president. So there should be a few copies of it out there, but I would also be happy to email it to 24 25 somebody. Sollie, you let me know who. 26 27 MR. FRITZ: Yeah, Sollie is at the Simon Paneak Museum and he's also working on a map, so 28 29 he definitely -- of the area. So, Sollie, the archaeologist here met -- when it looked like this was 30 going to go forward last winter, it was actually 31 32 proposed for last winter, but it didn't happen because 33 the snow depth and the layer of freezing meant that the 34 State of Alaska never opened the foothills to tundra 35 travel. So we're basically hoping that it will freeze 36 hard enough this winter for this actually to go forward 37 if indeed people from Anaktuvuk want it, you know. 38 39 The archaeologist met with the Council. 40 But it's good that -- you know, in a way we have a lot 41 more time to work with AKP this summer before it gets 42 permitted for this winter. 43 44 MR. HUGO: Okay, yeah. On a different 45 note, that's good information, but this is -- as Esther 46 said, if Mother Nature cooperates, this would be 47 possible, but from the way things are looking it's just 48 -- that might not even be possible until we get a solid 49 winter. Last winter we were 20 above the most part of 50

Page 314 -- not be cold enough to freeze over to where it's able 1 2 to support intense weights, especially tonnage. 3 4 The other thing is that I'm at the 5 Nunamiut Museum. I'm the oral historian here and I 6 have maps of all regions. It's just that I'm trying to 7 figure out where your proposed road is going to take place and I would probably have a few concerns myself 8 9 if I had an actual map in my office. 10 11 Thank you. 12 13 MS. FRITZ: Yeah, I'm going to send you 14 the actual map, Sollie. I'm going to email it to you 15 today, okay? 16 17 MS. COLE: Would it be helpful if I sent it also to Eva and she could distribute it to 18 19 people by email? 20 21 MR. HUGO: You can send it to 22 charles.hugo@north/slope.org. 23 24 MS. COLE: Okay, we'll do that. One 25 other thing on the road, because the community has an 26 interest in bringing in materials to rebuild your 27 building that burned down, it's my understanding there 28 could be commercial uses of the trail to haul in 29 building materials, but they would be under a separate permit from the North Slope Borough, but they would use 30 31 the trail that the Borough had constructed and they 32 would travel probably following the caravan, so they 33 would be going along with the caravans. So that's 34 another possible use of the trail. 35 36 MR. HUGO: Yeah. Apparently the 37 Borough would suddenly jump on that because their 38 intentions were to leave that burned building there for 39 a number of years and then come pick it up because it 40 would have cost them too much to the airlines. So 41 that's not surprising that they would jump up and try 42 to put in their two cents worth also because it would save them money. In the meantime they were going to 43 leave it there for about three or four years and then 44 45 come pick it up when they feel like it, I quess I would 46 think, because that's how I felt what they were doing. 47 48 The other thing is the road itself 49 would probably go through some sensitive areas. That's 50

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Page 315 why I would like to see the map. I'm kind of objecting to it without even seeing where you're going. So I would like to object to something that I can visualize. Thank you. MS. FRITZ: Gotcha. Sollie, I already told the archaeologist that he should get in touch with you specifically, so I'll make sure you get the map with the land status so you can work out -- I think the main concern for disturbance to cultural artifacts would be the industry, when they build the snow road, sometimes they like to go in before the ground freezes to the legal limit where they can open it for tundra travel. They can go in and they prepack the snow road by gathering up snow from where there's lots of snow accumulated and then they pack it down and then it stays there and it makes for a much quicker and easier construction of a snow road. The thinking is that if there's any disturbance that could occur it's from that process when they try to scrape up extra snow. MR. HUGO: Okay. MS. FRITZ: But we definitely want you to take a close look at the route. MS. HUGO: Stacey, this is Esther. Т agree with Sollie. I know North Slope Borough will jump into that trail so they don't have to pay so much freight for the building that burned down here. They kept telling us they'll do it after Mother's Day. Μv God, Mother's Day is gone and we've been waiting since February and they're still sitting on it. That's the only way they want to eliminate all that freight money is to use that access. I just agree with Sollie and I need to see the map too. MS. FRITZ: That is a good point, Esther. My thinking was it was going to happen last spring and now hopefully it will happen this winter. In a way it gives people the opportunity to plan ahead for heavy loads of gear or equipment that they do want to -- you know, commercial loads of whatever needs to be freighted in to Anaktuvuk or out or people who want

Page 316 to buy equipment gives them more time to plan for it. 1 2 3 So there are copies of the map available in AKP, but we will be sure to email and mail 4 5 more copies today, specifically to you, Sollie. Esther, I'd say best would be to get with Sollie at the 6 7 museum to look at the map we're going to send him right after this meeting. 8 9 10 MS. HUGO: Okay. Thank you. 11 12 On a different note, if I MR. HUGO: 13 may, on the Army Corps of Engineers' involvement in the 14 Umiat area. 15 16 MS. FRITZ: Yeah. 17 18 MR. HUGO: They still have military 19 debris, quite a few tonnage, still in the mountains 20 here. I've been able to talk with their commander in 21 California, but there's some kind of glitches here that 22 we're snagged on. They're supposed to come up, I think 23 it was last summer, to clean up the site at -- Shainin Lake site where there was military activity there and 24 25 there is tonnage of barrels and military debris. It 26 looks like about maybe six tons. That's only one of 27 the four sites that the military has dumped their 28 garbage. Buried it also like they did at Umiat, but 29 apparently the shores washed it over and now exposed it 30 to the shorelines and that's not very good. Can we sue 31 them? 32 33 MS. FRITZ: I don't know. I don't know 34 the answer to that, Sollie. I'm sorry to be like this, 35 but I don't have any information on other military or 36 formerly used defense sites or some of those sites 37 south of Umiat are from old oil exploration. This 38 office specifically looks at the BLM land, so I'm not 39 too familiar with the FUDS, formerly used defense 40 sites, or other industrial stuff. 41 42 MR. HUGO: Okay. I believe we're 43 working with the same Army Corps of Engineers, are we 44 not? 45 46 MS. FRITZ: Oh, yeah. Uh-huh 47 (affirmative). 48 49 Okay. Well, I'm just kind MR. HUGO: 50

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Page 317 of in awe that they would -- because that's an important military site down there and it's attracting a lot of attention in Umiat. Apparently it sounds like we could make this a legal matter of some sort because we have some people that have land ownership around those immediate areas there. MS. FRITZ: Yeah, I don't know anything about the legal stuff, but I do know that if you see a contaminated site, there is a process and Melody Debenham, who is our environmental science or HAZMAT person, she can give you the number exactly who you call. I think you usually call the State of Alaska, Department of Environmental Conservation, to report a contaminated site or find out if it is already in their database and what has been done and report that it's been exposed and leaking into the river. I'm going to make sure that Melody gets in touch with you so you and she together can report it to DEC. That's the first step. MR. HUGO: Actually we've already went beyond all that. I've already got the Corps of Engineers to do their assessment down there. We had them here last summer. I'm hoping that we're going to have them come up sometime this summer and they'll try to extract their garbage from the pristine land that they think is pristine and then they have all this military garbage that they bury underneath the carpet. Thank you. MR. FRITZ: Thank you. CHAIRMAN BROWER: Hey, I've got a question here, Stacey. MS. FRITZ: Yeah. CHAIRMAN BROWER: You mentioned debris along the Colville River coming from ASRC land. For the longest time the concerns that we've heard from Nuigsut either expressed to the Corps or the Restoration Advisory Board, which is a combination of Air Force, Navy, Corps of Engineers folks, agency folks, cleaning up old military sites or things like that.

The concerns that we continually raise

based on the communities' concerns that the origins of 1 2 that debris since the Colville River during high water inundates the old landfill and overtops the old 3 4 landfill at Umiat that it was a high likelihood that 5 the debris could be being undermined from the swift 6 water at Umiat as the cause of some of the debris 7 that's showing up around below Umiat. I wanted to pose that question. Now the shift is focused to ASRC land 8 9 and is that still old military debris. 10 11 MS. FRITZ: It's a confusing issue, but of course if there are barrels floating down the 12 13 Colville past Nuiqsut, everybody assumes it's from 14 Umiat, but then we had hunters from Umiat going upriver realizing, no, they weren't coming from Umiat, they 15 16 were coming from some tributary further up. And then 17 we eventually tracked it down to a dump along the 18 Chandler that the dump was from -- it's called the Gubik well, I believe. Maybe not. It was a Husky oil 19 20 well that was drilled in the '60s or '70s and they had 21 a little dump there and then the river shifted channels 22 and the dump was exposed. 23 24 So that summer when there's all of a 25 sudden a kind of surge of barrels it seemed -- people 26 assumed they were from Umiat, but it turned up they 27 weren't. They were from this dump site further up the Chandler. 28 29 30 Now Umiat -- and I've sent someone to 31 try and get Melody Debenham in here who participates 32 with the RAC and works with the Corps to make sure she gives you the appropriate update, but I'm sure you 33 know, Gordon, that the Corps of Engineers has released 34 35 a draft feasibility study, which is basically their 36 term for a draft environmental impact statement with 37 different alternatives for how they want to clean up 38 So they have several main plans for cleaning up Umiat. 39 the Umiat site, which you all know is kind of a massive 40 undertaking. The cost of the cleanup is about several 41 times more than the FUDS budget nationally per year. 42 43 CHAIRMAN BROWER: Okay. Having said 44 that -- and I'm sorry to cut you off here, but having 45 said that are these areas where subsistence users have 46 confirmed where drums might be coming out of have you 47 taken the initiative to go to these sites to take a look at that now? 48 49 50

Page 319 MS. FRITZ: Yeah. So the dump on the 1 2 Chandler, the then manager of the Arctic Field Office Stacie McIntosh got together with Erik Kenning. A 3 4 HAZMAT scientist went with them, representatives from 5 the Native Village of Nuigsut and they flew out there 6 in a helicopter. This was two or three summers ago to 7 locate the dump. But then it was actually -- I'm sure many people here are familiar with Rick Reanier, the 8 9 archaeologist who's done so much surveying on the North 10 Slope, who was able to say, oh, I know exactly what's going on here. It's this dump, here's a picture. 11 12 13 I can forward you that email, Gordon. I don't know what has occurred, if anything, to that 14 15 site since then. 16 17 CHAIRMAN BROWER: Yeah, I'd appreciate an email about that dialogue. 18 19 20 MS. FRITZ: All right. I know at the 21 last round of RAC meetings they distributed copies of 22 the draft technical feasibility plan for Umiat, so 23 those are around. I think the comment period got It's 24 extended at the request of Anaktuvuk Pass. probably closed by now. BLM weighed in and I think our 25 26 consensus here was we wanted the Corps to decide to 27 pull everything out of there. Not to bury it anywhere 28 nearby. 29 30 CHAIRMAN BROWER: Okay. Just one last follow up if I may. I hate to indulge in this so much. 31 32 Is there a plan of action for Chandler with this Husky oil well with that dump being exposed or do you believe 33 34 the dump is cleaned out by the river overtaking it now 35 and that it's all in the river at this stage? 36 37 MS. FRITZ: I really don't know, 38 I think that's a question for ASRC. Erik Gordon. 39 probably has a much better idea of what has happened. 40 41 I just wanted CHAIRMAN BROWER: Okay. 42 to see if somebody is actually doing something about that one when we know that there's no debris. 43 There 44 should be boots on the ground to try to limit that. 45 46 Any other questions about the Corps of 47 Engineers stuff from the Council? By the way, I had an 48 email that Mike Pederson from the Wildlife Department has chimed in and is just taking notes. 49 50

Page 320 MS. FRITZ: Mr. Chair. If I could 1 2 continue with the updates. The next project..... 3 4 CHAIRMAN BROWER: Just hold on one 5 second. 6 7 MS. FRITZ: Sure. 8 9 CHAIRMAN BROWER: I just wanted to 10 backtrack to the CWAT project for the community. 11 MS. FRITZ: 12 Sure. 13 14 CHAIRMAN BROWER: If it turns out that 15 you are going to go to the community, we would like to participate in that as well. Just as an informational, 16 17 about 10 years ago the city council of Anaktuvuk had 18 requested that the Borough study the feasibility of 19 connecting the village of Anaktuvuk Pass with a trail 20 and we brushed the dust off of that. It's called a 21 project analysis report and it's several years old. It was at the community city council waiting for the 22 23 regional government, the Borough, to look at how we can help the community establish a trail. It's trying to 24 25 accomplish what the CWAT trail is doing. We're working 26 on those kind of things at the request of the 27 community. 28 29 Also in the archaeological resources in 30 working with the community and we have a cultural 31 resource person, which his name is Tommy Nageak. He 32 will work on behalf of the Borough to work with the 33 community on protecting cultural resources. That's one of the things on top of archaeological requirements. 34 35 There's the IHLC requirement as well. 36 37 MS. FRITZ: Thank you for that, Gordon. 38 I know our archaeologist Joe Keeney works closely with 39 Tommy a lot. They are definitely trying to figure out 40 a way that it would be easier for the BLM to have access to the PLUI site. If there's any way that the 41 42 North Slope Borough wanted to facilitate that, I think we could house them securely. The BLM could also house 43 44 that data because here we have to process permits and 45 we have to analyze what the impacts to cultural 46 resources are going to be and we have to do that 47 usually pretty quickly and then it sometimes takes 48 several months to get the PLUI sites for that area from 49 IHLC. So it kind of stymies our ability to do an 50

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Page 321 CHAIRMAN BROWER: I would just refer you to Tommy and Tommy can work on maybe an MOU with you or something like that. There has to be a confidentiality arrangement because these are protected resources. We just don't disclose them to everybody for protection purposes for pillaging and other things like that of archaeological resources. These are highly protected sites that we're privileged to work with and we would need to work out some arrangement to MS. FRITZ: Great. Thank you. CHAIRMAN BROWER: But I say work with Tommy and work with Sollie. Tommy works with all of the historians of all the communities. MS. FRITZ: All right. MS. HUGO: Excuse me. Gordon, can he include me in there since I'm with the IHLC? CHAIRMAN BROWER: Absolutely. MS. HUGO: Okay. Thank you. CHAIRMAN BROWER: Go ahead, continue MS. FRITZ: Okay. So the next project We

31 32 that we were hoping to get some input from from RAC 33 members is the ASTAC fiber optic line route between 34 35 Utqiagvik and Atqasuk. So just a big picture. permitted their winter survey. Last winter they went 36 37 out and snowmachined surveyed the route. We are 38 permitting their summer activities and we're looking at 39 doing an environmental assessment for the actual 40 right-of-way for the fiber optic cable. 41 42 Sounds like a great project. We do 43 have a number of concerns. The applicant, ASTAC, originally proposed to bury those cables underneath the 44 45 three main rivers that it has to cross. That's the 46 Inaru, the Nigisaktuvik and Niklavik Creek. I'm not

47 sure if I'm pronouncing that correctly. I don't know 48 where Niklavik Creek is. Those are the three main 49 river crossings. 50

Page 322 We had an original meeting here with 1 2 ASRC, the subsidiary of ASRC that's doing the permitting for ASTAC and ASTAC people. At that time --3 4 and we had fisheries biologists from ADF&G here. At 5 that time it was only discussed that they would be trenching and burying these cables underneath the 6 7 rivers, those three rivers. 8 9 Since then now their proposed activity 10 is to suspend the cable over those three rivers. То have large like telephone pole style poles on either 11 12 side of the rivers high enough that a cable could be 13 suspended across the river and then I think those 14 cables would have the big orange safety balls on them to alert aircraft or whatever. 15 16 17 That's one of the main alternative that 18 we will be looking at in this environmental assessment. 19 20 MS. RICE: Right now we're also looking 21 at having a second alternative to address some of the issues that have been brought forward with having an 22 23 elevated fiber optic line over the rivers. So a couple 24 of our concerns in having that elevated line. One is 25 migrating birds and other wildlife that use rivers and 26 creeks as migration corridors. Then the other is also 27 when folks are using snowmachines in the winter and 28 using the rivers and the potential of maybe having some 29 of those lines sag and people getting hung up in those lines or hitting those lines as they're going up the 30 31 river. 32 33 We're also working on a second 34 alternative that would require the company to bury the 35 lines underneath those three river crossings. 36 37 MS. FRITZ: We did bring it up just 38 briefly at the North Slope Borough Planning Commission 39 public hearing and we're just not sure -- I think the 40 other resource of concern is just visual resources and 41 what we heard from a couple people, but I'm not even quite sure who it was, that they didn't want to see 42 43 that. So Gordon or anybody else, if you've had any 44 other input from people. ASTAC said they reached out 45 to allotment owners and didn't hear anything back. I 46 don't think that really covers the scope of people who 47 use the area and would be impacted and have input one 48 way or the other. 49 50

CHAIRMAN BROWER: This is Gordon. 1 The 2 Planning Commission had a public hearing on this fiber optic line and after deliberations under public hearing 3 4 they passed a permit. When it's conditional use and 5 it's a public hearing item, I don't get to sign on 6 permit of that type. It's the Planning Commission 7 chairman. It's the alternatives and the way BLM 8 permits this project differs from how the Planning 9 Commission ultimately approved the project. There's 10 issues surrounding that. Either BLM or the Borough would have to make sure the permits align or they kind 11 of cancel each other out. We've come across that in 12 the past. We were hopeful that the ASTAC crew -- I 13 14 think it was ASTAC that was doing it, right? 15 16 MS. FRITZ: Yes. 17 18 CHAIRMAN BROWER: That they would have 19 first looked at the more lengthy process in the 20 permitting, which maybe this BLM permit is and to make 21 sure they achieve some certain milestones and have a prediction of all the alternatives and what ultimately 22 23 will be permitted by BLM and then come to the Borough to submit that as their plan of operations. So kind of 24 25 the reverse right now seems like is going on that the 26 Planning Commission has already weighed in and heard 27 the public and the community involved under public hearing weighed in and issued the permit on the 28 29 Borough's side. 30 31 We can do that, but it just puts the 32 applicant in a position that if those permits don't match and their alternatives are different, then 33 34 somebody's got to yield. 35 36 MS. FRITZ: I would say that on our end 37 I don't think that it's been until at least very 38 recently that ASTAC has submitted the information that 39 we need to conduct the analysis. I know that -- I 40 believe ASRC is a landowner for this that also would 41 need to permit a right of way or easement or however 42 they do that. It is slightly complicated and I think 43 we just got more information from ASTAC. 44 45 MS. RICE: We're still waiting for some 46 additional information so that we can start the NEPA 47 process, so we're very early in our process for this project. We're not sure when it goes to our staff if 48 49 they may actually identify some additional issues that 50

Page 324 could drive some other alternatives. We have been 1 2 waiting to get some answers to some questions before we can identify that we have a complete package and 3 proposed action from ASTAC so we can start moving 4 5 forward. 6 7 MS. FRITZ: Yeah, that's why we went 8 ahead to -- that's not normally how we like to do things, but we did go ahead or we're doing a permit for 9 10 this summer for their summer activity. 11 12 (Pause - reporter reminding speakers to 13 identify themselves) 14 15 CHAIRMAN BROWER: Very good. We'll 16 enforce that, making sure. One last thing. This is 17 Gordon. Has ASTAC shared with you the public hearing outcome and their permit issued by the Planning 18 19 Commission? 20 21 MS. LAMARR: This is Sarah. I am not 22 aware of that. Our permitting person, Donna, may have 23 that, but I am not aware that we received that. 2.4 25 Okay. Yeah, I think CHAIRMAN BROWER: 26 it's important to see. One of the concerns that we 27 raise periodically in trying to advise applicants if there is a process Federal agency under NEPA, get that 28 29 done first. I thought that was already completed because there's a concern from us at the Borough to 30 31 where when they come to the Borough first and there's a 32 NEPA process going on and almost the perception by the 33 applicant and saying, hey, this is the alternative that the Borough has already selected and it might have been 34 35 the preferred alternative of the applicant. I just want to make sure that perception is -- we don't move in 36 37 that direction. If there is a NEPA process and the 38 least environmentally damaging alternative is 39 different, then I want to make sure they're not waiving 40 the Borough's permit in front as the alternative of the 41 North Slope Borough in these processes. It's just the 42 permit and that's one of the things that we try to be 43 mindful and careful of advising applicants. 44 45 MS. FRITZ: Great. 46 47 MS. PATTON: Mr. Chair, if I may, this 48 is Eva. 49 50

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| 1<br>2   | CHAIRMAN BROWER: Go ahead, Eva.  |     |
| 3456789012345678901234567890123456789012345678901234567890 | MS. PATTON: Mr. Chair and Council. I<br>just wanted to let Stacey and others at BLM know we<br>still don't have Wanda Kippi online yet. I wasn't able<br>to reach her home phone. It keeps getting<br>disconnected. I had spoken to her last night. She had<br>just come in from spending a couple weeks at her camp,<br>so she had hoped to be on today.  |     |
|  | I just wanted to check in with you,<br>Stacey. Wanda is a very active subsistence hunter and<br>fisher in the area around Atqasuk. Whatever we can<br>relay from the meeting here today and a way for her to<br>get in contact with you, if there's any feedback from<br>Atqasuk regarding potential subsistence impacts from<br>this fiber optic line. Was there going to be any<br>further public meetings in Atqasuk?   |     |
|  | MS. FRITZ: Thank you for that, Eva.<br>I'm good friends with Wanda. I'm going to reach out to<br>her and Paul Bodfish and I've already talked to Mayor<br>Whiteman about it, but we will continue reaching out to<br>people in Atqasuk to have them weigh in. I think<br>particularly in the Nigisaktuvik crossing there are a<br>couple camps right near that crossing. As people know,<br>it's a wide river. One of our real concerns just from<br>a physical standpoint is how they could suspend this<br>substantial cable over that length, I mean it's 300<br>feet, without it sagging in the middle. So neither of<br>these things has really been done before. Like laying<br>the fiber optic cable on the tundra and just nestling<br>it in and I actually think that is a preferred method<br>than trenching it the whole way. |     |
|  | But the main concern we have and we<br>will certainly get back to people in Atqasuk and maybe<br>organize a teleconference with them. I've been texting<br>Wanda, but I think she's just been out at camp and is<br>probably sleeping.   |     |
|  | MS. PATTON: Mr. Chair, through the<br>Chair. Thank you, Stacey. Yeah, she just arrived back<br>home last night. I just talked to her last night and<br>had hoped to call in this morning, but lots going on.<br>So thank you. We'll relay that to Wanda as well.<br>Thank you.   |     |
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CHAIRMAN BROWER: One last thing too 1 2 for myself. Be reminded the Planning Commission 3 chairman is a resident of Atgasuk, Paul Bodfish, Sr., 4 is the Planning Commission chair. 5 6 MS. FRITZ: Yeah, thank you. I'm going 7 to call Paul up to pick his brain about this too. So with the permission, Mr. Chair, I'd like to just touch 8 on the other main projects that we have described here 9 10 in case the Council has any questions or wants more 11 information. 12 13 CHAIRMAN BROWER: Go ahead. 14 MS. FRITZ: Okay. 15 The next main 16 project that we have here is the Willow Prospect Master 17 Development Plan. So the BLM intends to initiate a master development plan EIS that will be similar in 18 19 scope to the Alpine Satellite Development Plan. That 20 will evaluate development of the Willow Oil Prospect. 21 22 BLM is in the preliminary stages of 23 coordinating with Conoco and is working to identify the 24 list of cooperating agencies. I know North Slope 25 Borough and Native Village of Nuigsut were on the 26 preliminary cooperating agency call yesterday. So 27 we'll reach out with a formal invitation once a project 28 proposal is submitted from the applicant. 29 30 The other thing I have noted here is 31 that there's a new executive order known as the 32 Streamlining National Environmental Policy Reviews 33 Order that mandates that agencies try to complete EISs in 12 months and keep the document below 300 pages in 34 35 length. So we're considering strategies to achieve 36 those goals. We do not yet have the complete proposal 37 from Conoco, but once we do we will move forward with 38 publishing what's called a notice of intent to prepare 39 an EIS and we anticipate having that this summer. 40 41 Is there any questions on that project? 42 43 CHAIRMAN BROWER: Any questions from 44 the Regional Council on the Willow Prospect? 45 46 MS. HUGO: This is Esther. Where is that located? 47 48 49 MS. FRITZ: Hi, Esther. It's lo.... 50

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Page 327

## MS. HUGO: Alpine?

2 3 MS. FRITZ: No, it's -- so it would be -- if it's connected by road, which seems -- you know, 4 5 we're not allowed to say that it would be, but I think it seems likely that it would be connected by road to 6 7 the GMT2 project, which is the other -- which is just a drill site almost directly west of Nuiqsut. The Willow 8 Central Processing Facility would be connected by road 9 an additional 10 to 13 miles south southwest of GMT2. 10 11 12 There is a map in the document I gave. 13 The Willow Discovery Area is on Page 6 if people have 14 the Word document for the BLM office permitted 15 activities. The entire area is 30 to 40 miles west and 16 a little bit southwest of Nuigsut. South of Harrison 17 Bay. Completely within the NPR-A. I believe 18 completely on BLM managed public land. So this is different from the previous drill sites that have been 19 20 on either Kuukpik land or land that has been selected 21 by Kuukpik Corporation. If people remember the 22 complete Alpine satellite development plan, this is 23 similar in scope to that. 24 25 MS. HUGO: Okay, I've got the map. 26 This is Esther again. I have a question. You know, 27 with all the projects going, when is BLM and 28 ConocoPhillips going to kind of eliminate or slow down 29 these projects? Are we going to keep looking for oil until all these things are put up, the oil wells? 30 31 Jeez, it seems like years we've been doing a lot of 32 this in the Nuiqsut area and I think we need to give them a break or are we just going to be looking for oil 33 34 until we can't find any more up there? 35 36 It seems to me sometime I think the 37 more we build around this area, I know there's oil, 38 we're going to have what you call that, sinkholes, and 39 that's scary. It's all wetlands up there. Just a 40 thought. I just wanted to know. 41 42 Thank you. 43 44 MS. FRITZ: I appreciate that. The one 45 thing I can refer back to is sort of the big EIS, the 46 NPR-A integrated activity plan that determined what 47 areas in the entire 23 million NPR-A would be available for leasing. If folks remember back to that process, 48 which was finalized in 2013, the administration made a 49 50

lot of land unavailable for leasing or deferred from 1 2 leasing or expanded some special areas around Teshekpuk Lake where no permanent infrastructure or serious 3 restriction. The administration determined at the time 4 5 that really the only area where oil development in the 6 entire NPR-A was feasible and likely was in the 7 northeast corner. So building on the existing oil development there. 8 9 10 The NPR-A does have its own law that 11 qoverns it. It's called the Naval Petroleum Reserves Production Act. That law and the NPR-A IAP, those are 12 13 the main rules if you will that govern how we manage 14 this land and they do require an expedited program of leasing. So the administration has moved forward with 15 16 annual lease sales usually the first week of December. 17 The companies are allowed to bid on the leases that are 18 made available on an annual basis. 19 20 At the February meeting I reported that 21 the current administration went ahead and had a lease sale where they offered all available lease sales, 22 23 lease tracts in the entire NPR-A and there's a map 24 depicting some of the most recent lease sales graded by 25 the year they were acquired on Page 9. That's just the 26 ones on BLM land west of the Colville. It's really in 27 this northeast corner where people have been leasing and exploring and having successful -- finding 28 29 economically viable amounts of oil 30 It is a complicated process, but as I 31 32 mentioned earlier the way that works is that once the Federal government leases that land, then there's not 33 34 really anything that gives the rights to the oil 35 company to go ahead and explore and move forward with 36 development. That's understood that when they lease 37 the land that's what they have the right to do. 38 39 So it's pretty overwhelming socially 40 for the communities to try and keep track of all of 41 that. I personally just try to do my best to let people know what is planned for the area and at least 42 be transparent about the fact that there are entities 43 44 in the Nuiqsut area who request for development to slow 45 down. But it's really, to be completely honest, it's 46 at the discretion of the oil companies and how fast 47 they can get their permits. 48 49 MS. HUGO: Okay. Thank you so much, 50

Stacey. This is Esther again and I guess I'm really 1 2 blessed and really happy I live way out here in the 3 middle of nowhere where I'm not near all this. So thank you. 4 5 6 MS. FRITZ: Thank you, Esther. So if 7 there's no more questions on the Willow, just briefly --8 you know, as I reported in February Olgoonik 9 Construction Services went down and did some Legacy 10 well remediation at the Wolf Creek Legacy wells kind of 11 directly west of Umiat. That was all completed. They 12 were contracted by the BLM to do that, to go out and 13 plug an abandoned five Legacy wells. They also cleaned 14 up any accessible or visible surface debris and it was 15 completed. We'll be going out to inspect and OCS will 16 also be going out to inspect this summer. 17 18 Those were the main kind of large 19 projects that we wanted to make sure people knew about 20 or invite you to provide input. As I mentioned 21 earlier, this first document, the large spreadsheet of 22 permitted activities, we invite you at any time to look 23 at the projects that are permitted or being permitted. You can see if they're happening in your area and then 24 25 get a hold of us if you want any more information on 26 any of those projects. 27 28 CHAIRMAN BROWER: Any questions for 29 Stacey. 30 31 This is Esther. MS. HUGO: 32 33 CHAIRMAN BROWER: Go ahead, Esther. 34 35 MS. HUGO: So with all the projects and everything around the next area, I'm on Page 9 of the 36 37 map, we are really careful about the migration of the 38 Teshekpuk Herd. I suppose more monitoring or making 39 sure all this activity is not -- you know, they're not 40 hurting the herd. I just want to know that. 41 42 MS. FRITZ: Yeah, so the applicant, so 43 that's Conoco mainly..... 44 45 CHAIRMAN BROWER: Please state your 46 name. 47 48 MS. FRITZ: Oh, I'm sorry. 49 50

1 CHAIRMAN BROWER: Please state your 2 name before you start. 3 4 MS. FRITZ: Sorry. This is Stacev 5 The applicant is required to -- so there's Fritz, BLM. 6 several layers of studies on the caribou as you may be 7 aware. ADF&G based out of Utgiagvik conducts annual surveys. The details on this year's surveys are in 8 9 this spreadsheet. Conoco also contracts ABR to do a 10 lot of caribou surveys. 11 12 The other main requirement is that --13 so it's actually originally the North Slope Borough 14 required that Conoco do a subsistence -- a Nuiqsut 15 caribou subsistence monitoring study annually for 10 16 years on the Alpine satellites. Now that these permits 17 have moved onto BLM land we are requiring those annual Nuigsut caribou monitoring subsistence studies to 18 19 continue. Those have been conducted by Steven R. Braun 20 & Associates. That level of study will continue. 21 That's the way we monitor the impacts to the 22 subsistence hunters in Nuigsut, which does convey some 23 information about the availability of caribou in that 2.4 area. Then the collared caribou data and the aerial 25 surveys conducted by ADF&G that BLM and then ABR 26 participates in those. That's how we monitor the 27 caribou herds themselves. 2.8 29 So the good news is that the caribou 30 herd population is doing great. To date we have never 31 had any indication that this development is affecting 32 the abundance of the animals in that caribou herd or altering their main migration routes. The only thing 33 34 that we predict may occur with this development near 35 Nuigsut is that it would deter some animals from 36 traveling to areas closer to the community and the 37 Colville where people have traditionally harvested 38 them. 39 40 Now we have not even started to do an 41 analysis for the Willow development project. That 42 entire area is definitely right in one of the migration paths of the Teshekpuk Caribou Herd. It doesn't 43 44 subsume their migration corridor but it is in their 45 migration corridor. 46 47 I'm not a caribou biologist and there aren't any here, but the Teshekpuk Caribou Herd are 48 49 interesting in that they migrate around, but they 50

always stay up on the coast through the winter, which 1 2 is one of the reasons that Fish Creek has been such a productive caribou hunting location. 3 4 5 Some of the indications are that people 6 are using the industry roads to get out to those areas 7 where it's mainly Teshekpuk Caribou Herd and are having some success. All I can say is that there are numerous 8 9 agencies carefully monitoring the population of the 10 herd, whether their migration routes are impacted, and you will certainly hear about our analyses for the 11 12 final GMT2 project and then as we move into analyzing 13 the Willow project. 14 15 MS. HUGO: Okay, thank you. This is 16 I think it's about time after so many Esther again. 17 years, 30-plus years, since we do depend on the 18 caribou, whether it's the Teshekpuk, the Western or the 19 Central, we do need somebody other than the Barrow 20 sites where they have their biologists. I think we are 21 overdue for our own up here for Anaktuvuk Pass. I know 22 maybe it might cost money for the Borough, but we need 23 that. 24 25 The information we get on our caribou 26 is from up north and that's, what, so many hundred 27 miles away. It doesn't really concern -- I mean the 28 caribou itself, yeah, but it's our area that we need 29 somebody to monitor, a biologist to tell us, hey, this is what happens when a caribou don't migrate. We don't 30 31 hear this kind of stuff. We need to have our own 32 biologist other than one based in Barrow. Come on, this is who we are and what we need. 33 34 35 Thank you. 36 37 MS. PATTON: Mr. Chair. 38 39 CHAIRMAN BROWER: Go ahead, Eva. 40 41 Thank you, Mr. Chair. MS. PATTON: 42 Esther, I just wanted to follow up as well. We had put in a request for Kyle Jolly, who is the caribou 43 44 biologist with the Gates of the Arctic National Park. 45 We'll try again to see if he might be able to address 46 the Council at the upcoming fall meeting. There's been 47 a little bit of challenges with the meeting overlapping 48 with his field work. Hopefully we'll be able to get further updates from Kyle at the upcoming fall meeting 49 50

1 and we'll keep you posted on that. 2 3 Thank you. 4 5 MS. HUGO: Thank you, Eva. This is 6 Couldn't that guy just -- we've got a National Esther. 7 Park two-story right across from the city. I don't see why we can't access that use for this biologist or 8 9 somebody that can monitor in our area. Nowhere else. 10 Just here. That's all we need. Thank you. 11 12 MS. PATTON: Thank you, Esther. I'11 13 certainly pass on that request to the National Park 14 Service. They might have some feedback for you. 15 16 CHAIRMAN BROWER: I've got a question 17 related to Willow. The community winter access trail. 18 We're limited to try to connect over by 2P, which is I 19 think south of Ocean Point and then connect to 20 Meltwater. If Willow or GMT2 were part of the review 21 for the community's needs, that would shorten the winter access trail by about 50 or 60 miles. Just keep 22 23 that in mind. Those kind of projects that put in all 24 season gravel roads should be looking to provide 25 greater benefits, not just to the industry but to 26 communities. 27 28 We're all trying to address the very 29 high cost of living in our communities from Atgasuk to Wainwright to AKP. We've heard even from Kaktovik they 30 31 now want to have a winter access trail program so that 32 they can try to address some of these -- to go to the store or shopping in Fairbanks or something like that 33 34 or buy a new vehicle. 35 36 The other one is food security issues. 37 Should caribou -- for some reason there's a lot of 38 variables involved. Need to start to think about 39 mitigation measures. Things like maybe it might be 40 good or necessary to look at reindeer herding, maybe a demonstration reindeer program on the North Slope or 41 42 one of our communities or something like that. We hear 43 these here and there and we need to start thinking 44 about those kind of things as well. 45 46 Thank you. 47 48 MS. FRITZ: Thank you. This is Stacey 49 Fritz with the BLM. As I'm sure Gordon is aware, 50

Page 333 accessing the GMT1, GMT2, potential future Willow road, 1 2 the road access from Nuigsut to those oil field roads is only possible by using the privately-owned Kuukpik 3 4 Spur Road. So that's a privately-owned road and then 5 the oil field roads are also private roads. Right now 6 it's pretty explicit that it's only residents of 7 Nuigsut who have a right of access to those roads. Anv planning to connect the community winter access trail 8 9 system to that I really think that it's the landowners 10 you'd have to negotiate with. 11 12 CHAIRMAN BROWER: We understand that. 13 The environmental purposes of things like that, the 14 less that there's potential tundra damage to occur and 15 use all-season gravel road to connect to would be 16 highly beneficial. I'm just trying to express that. 17 18 MS. FRITZ: Right. I hear you. Well, 19 with the permission of the Chair, I think that wraps up 20 the BLM update unless there's any more questions. 21 There is a little language on here on the leasing plan 22 for the coastal plain of the Arctic National Wildlife 23 Refuge, but there has been scoping meetings in 24 Utgiagvik and other communities and upcoming ones in 25 Kaktovik and Venetie. 26 27 We will continue to update this spreadsheet and make the most current version available 28 29 online. I will email that to my North Slope contact list here in a week or so. Just once again invite 30 31 people if they have questions or concerns about any of the projects listed on here. My information is on the 32 spreadsheet. Please feel free to contact me. Thank 33 34 you so much. It was really an honor for us to present 35 to the RAC and we thank you for your time. 36 37 CHAIRMAN BROWER: Thank you very much, 38 BLM. Eva, was there any other agenda items we needed 39 to address? 40 41 MS. PATTON: Mr. Chair and Council. 42 Thanks to BLM for those comprehensive updates and opportunity for discussion with the Council. 43 We have 44 just one other thing on the agenda. That's a brief 45 update to follow up on the Fisheries Resource 46 Monitoring Program. At the winter meeting we had not 47 yet funding confirmation for projects that will be funded for the North Slope Region. We have Karen Hyer 48 49 here, fisheries biologist for the North Slope Region. 50

Page 334 We also have some ANSEP interns. 1 2 3 MS. HYER: No, we don't. 4 5 MS. PATTON: Oh, I'm sorry. We have 6 some student interns with us. 7 8 MS. HYER: No, we don't. We have 9 nothing. She's just here to listen. 10 11 CHAIRMAN BROWER: Just before we begin 12 I want to know what the wish of the Council is. It's a 13 quarter to noon. If there's a need to take a lunch 14 break. I don't know how long the fisheries presentation will take place. Maybe you can give us 15 16 some indication how long that's going to take. 17 18 MS. PATTON: Mr. Chair and Council. 19 This is a very brief update. Maybe five minutes, 10 20 minutes max. 21 22 CHAIRMAN BROWER: So be it. Fisheries. 23 Karen. 2.4 25 MS. HYER: Good morning Mr. Chairman 26 and Council members. I'm just going to briefly update 27 you with what's happening with the Fisheries Resource 28 Monitoring Program. This is the part of our program 29 where we fund research and monitoring projects throughout Alaska. If you remember back to previous 30 31 meetings, we came to you and we asked what the priority 32 information needs were and then that went out into a 33 call and investigators submitted proposals to us and then they were reviewed. When we last met we didn't 34 35 have our budget, so we couldn't tell you what we were 36 going to fund of those successful proposals. 37 38 What we did is we ended up putting the 39 proposals in order and we start at the top and we fund 40 down to the line where we run out of funding. Funding 41 is allocated by area. So your area is the Northern 42 Area and it includes the RACs of Seward Peninsula, 43 Northwest Arctic and your RAC. 44 45 We now have our budget and we now know 46 how many of those research projects we can fund. Starting over in Seward Peninsula -- we're funding 47 48 three in the Northern Area -- we're funding the 49 Unalakleet River chinook salmon escapement project. 50

That's an ongoing project on the Unalakleet River weir 1 where they're trying to estimate the escapement of 2 chinook. They've been having low returns and they're 3 4 very concerned about that run. Their final goal is they 5 hope to get enough information that they can actually 6 set an escapement goal on that river. 7 8 Currently for the chinook salmon on 9 that river it's entirely restricted to subsistence 10 harvest. There are no commercial harvest of those 11 fish. Then sport fish has also been severely restricted on that river over concern of the chinook 12 13 salmon. So we are funding that project for four years 14 and that will operate the weir out of Unalakleet. 15 16 Then the next project we're going to 17 fund, moving east, so that would be in Northwest Arctic, is a continuation of the genetics project on 18 19 the Kobuk River. The Wulik has one of the largest and the most important Dolly Varden fisheries in that part 20 21 of the world, but those fish aren't from the Wulik. 22 They're from all over. So there is work being done to 23 try to figure out exactly where those populations are originally from to get a handle on the genetic 24 25 diversity of the fish that are harvested out of the 26 Wulik. 27 28 So this is going to collect genetic 29 information on the Kobuk because we know Kobuk fish are harvested on the Wulik, but we don't know how many. 30 31 It's to help develop the baseline. It's a very small 32 and simple project and they're collecting just this summer they're trying to expand their genetic baseline. 33 34 So that's the second project we're funding in the 35 north. 36 37 The third project we're funding is 38 actually in your region and it is the arctic grayling 39 project that we've been talking about for quite a while 40 up there. They're going to use radio telemetry and they're going to try to identify some seasonal habit in 41 42 the migration of the arctic grayling around the 43 Colville River. This project won't start until next 44 summer and the funds that they're allocating for this 45 year are going to be spent on outreach and project 46 development with the local community. This spring that 47 will start. 48 49 We're involving an ANSEP student in 50

Page 336 this project and it's Kaelyn. She visited you not at 1 2 your -- it would be your fall meeting. She was a 3 Bridge student last year where she was moving from high 4 school to university and she's returning to us and 5 she's spending about six weeks working with the Office 6 of Subsistence Management and then from there she's going to go up and work with our Fairbanks fisheries 7 8 office in Alaska Department of Fish and Game out of 9 Kiana and doing sheefish work and collecting 10 information on sheefish in that area. 11 12 Next spring -- she's going to work with us this fall kind of in project development and then 13 14 next spring she can travel with us to do some of the 15 outreach and then she'll be incorporated into the 16 project next summer. Unfortunately she's sick today, 17 so she's not here. I was hoping I could introduce here again to you. But that's all I have for the summary of 18 19 the FRMP project. I'm going to pause for a minute to 20 see if there's any questions. 21 22 (No comments) 23 24 MS. STALKER: Hi, Karen. This is 25 I've been listening in. Kaelyn. 26 27 MS. HYER: Oh, very awesome, Kaelyn. 28 Why don't you say hello to the RAC and just tell them a 29 little bit about what you're doing and how the last school year went. 30 31 32 MS. STALKER: Hi, my name is Kaelyn This is my second year as an intern with Fish 33 Stalker. and Wildlife and I'll be working here in the office for 34 35 the first part of my internship this summer and for the second part I will be heading back to Kiana to work 36 37 with Fish and Game. They put me on the Nuigsut project so I'm excited about that. 38 39 40 Thank you. 41 42 CHAIRMAN BROWER: That's awesome. 43 Thank you. Does that complete your update? 44 45 MS. HYER: No. If there are no 46 questions, I just have one more thing I want to remind 47 the RAC about. This fall we're heading into another 48 round where we're developing priority information needs 49 to start this whole cycle all over again. We are going 50

Page 337 to start working on developing those priority 1 2 information needs coming up over the summer. 3 4 The first thing we're going to do is 5 meet with the land managers and get some ideas from 6 them and then we're going to circle back around with 7 our working group and start our discussion. So we'll 8 be reaching out to you fairly soon. If we can't get you as a group, we may be contacting you one on one to 9 10 solicit feedback so that when we meet in the fall we have done the groundwork to initiate the conversation 11 12 about priority information needs for 2020. 13 14 Anyway, that's all I had. Thank you 15 very much for your time. 16 17 CHAIRMAN BROWER: Thank you, Karen and Thank you. All right, Eva. 18 the ANSEP student. 19 20 MS. PATTON: Mr. Chair and Council. 21 Thank you. Just to follow up on that too. As Karen noted, we'll be contacting our Fisheries Resource 22 23 Monitoring Program Working Group, which was the majority of Council members who were interested to 24 25 participate in that discussion. So I'll be following 26 up with you on that. 27 28 We plan to both engage the Council. 29 Part of Kaelyn's work also will be reaching out to the community of Nuigsut, so working with that community on 30 31 this Colville River grayling project. Rosemary has 32 provided a lot of feedback as well. The plans are to engage both the school and the community and we'll be 33 following up with the Council for more communications 34 35 on that. 36 37 So this whole fall and to the spring of 38 next year will be primarily outreach and working with 39 the community before any research starts in that 40 region. 41 I just had one brief update for the 42 43 Council as well before we conclude. When the Council 44 met at the winter meeting..... 45 46 CHAIRMAN BROWER: You have one minute. 47 48 MS. PATTON: We're almost done. The 49 Federal Subsistence Board had not yet met to take 50

Page 338 action on the wildlife proposals, so I just wanted to 1 2 let the Council know one of the proposals that was passed was the permitting requirement. So similar to 3 the new State requirements for registration permit for 4 5 the harvest of caribou in the region. There will be 6 now a Federal subsistence requirement for harvest 7 permit. 8 9 The Council had raised some concerns 10 while supporting that information to provide more data 11 for understanding the subsistence harvest of caribou and to assist the management. 12 There were some concerns 13 that some communities -- individuals harvest for the 14 whole community or for many families and so we are 15 responding to those concerns both in your annual 16 report. We're available here to reach out to those 17 communities to let folks know the options either 18 through a designated harvest permit or through 19 community harvest permit. 20 21 So just wanted to alert the Council 22 that those regulations are scheduled to be enacted July 23 1st and we'll be in touch with more details on that and also avenues for people to reach out for any questions 24 25 or opportunities for making sure that those traditional 26 ways of harvesting are able to continue. 27 28 Thank you. 29 CHAIRMAN BROWER: All right. 30 That kind 31 of concludes the intent of the teleconference. Do we 32 have a motion to adjourn. 33 34 This is Esther. MS. HUGO: I so move. 35 36 CHAIRMAN BROWER: There's a motion on 37 the floor to adjourn. 38 39 MR. SHEARS: Second. 40 41 CHAIRMAN BROWER: Seconded. All those 42 wanting to adjourn signify by saying aye. 43 44 IN UNISON: Aye. 45 46 CHAIRMAN BROWER: We are adjourned. 47 Thank you, everybody. 48 49 MS. PATTON: Wonderful. Thank you, 50

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