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U.S. ARMY CORPS OF ENGINEERS
PUBLIC SCOPING MEETING
NANUSHUK PROJECT
ENVIRONMENTAL IMPACT STATEMENT (EIS)

Location: Fairbanks Pipeline
Training Center
3600 Cartwright
Fairbanks, Alaska
Date: March 31, 2016
Time: 6:00 - 8:00 p.m.

1 PROCEEDINGS

2 JOY HUNTINGTON: Okay, everybody, I think we're
3 going to get started. Can you hear me okay in the back?
4 Zack, can you hear me? Okay. Everybody can hear. Sounds
5 good. Well, if you want to grab some coffee, grab a cookie,
6 we're going to go ahead and get started now.

7 I wanted to just first say, welcome. My name is Joy
8 Huntington. I was born in Fairbanks. My mom, Dorothy
9 Shockley, is here. She can attest to that fact. Thank you
10 for coming, Mom.

11 So I have a consulting business here in Fairbanks
12 and I help with meetings like this. I have had the pleasure
13 of working with DOWL in the past and I'm assisting with this
14 on the community meeting side. So we had meetings in Barrow
15 and Nuiqsut already. There was a meeting in Anchorage earlier
16 this week, and we felt it was important to get some input from
17 Fairbanks and to have -- give you a chance to hear more about
18 the project and to make some comments as well.

19 So there will be opportunity at the end for public
20 comment. It's not a public hearing, but we do want to hear
21 from as many people as possible, and we'll kind of continue to
22 highlight other ways of providing input as well.

23 And we have a transcriptionist here, Marci Lynch, so
24 she is -- has a very important job tonight. It's her job to
25 make sure we capture everything, so if we bug you to make sure

1 you have a microphone, it's so that we can record it and this
2 can be used in the future to help guide the EIS process.

3 So before we get started with the presentation from
4 the Corp about this EIS, I want to just quickly highlight some
5 of the folks that are here that are working either on behalf
6 of the Corp or with DOWL, who is the third-party EIS
7 contractor. So, again, I'm Joy. I'm based here.

8 And we have Maryellen Tuttell who is the deputy
9 project manager on the project. And then we have Leyla Arsan
10 in the back and Charles Guinchard. Brenna Ramm works with me
11 here in Fairbanks, so we're assisting on all the public
12 meetings.

13 And then we have -- we have folks here, as well,
14 from Armstrong Oil and Gas, who is the applicant. And so
15 they're -- Patrick Conway is with them, and he's going to
16 introduce his team a little bit later tonight when he talks
17 about their side of things.

18 So with that being said, welcome and thanks for
19 joining us this evening. And we're going to go ahead and jump
20 into the presentations. The Army Corps of Engineers has Ellen
21 Lyons, who is the project manager, and she's joining us
22 tonight to speak on their behalf. And afterwards, she'll hand
23 it over to Patrick. And then from there, we will finish up
24 and allow time for public testimony. So thank you very much
25 for joining us.

1 ELLEN LYONS: Well, I'm really excited to see such a
2 great turnout. I want to welcome you all and thank you for
3 coming to express your comments in this project. Again, my
4 name is Ellen Lyons and I work for the Corps of Engineers here
5 in Fairbanks. I am a project manager, but I will not be the
6 primary project manager for this project. I'm kind of helping
7 out a fellow co-worker. Her name is Janet Post. She works
8 for us down in Anchorage, and she will be the primary Corp
9 public project manager for this project.

10 So as you all know, we are here for the Nanushuk
11 project, environmental impact statement public scoping
12 meeting. So what we're looking to do here tonight is to
13 provide you with information both about the process and about
14 the project itself, and then allow you an opportunity to
15 comment and provide us information that you may have about
16 this project or concerns or interests that you have.

17 We have several different ways that you can provide
18 your comments to us. You can do it in person here in the
19 meeting. We have this microphone, but we'll also have Joy
20 walking around the room with the microphone. And we do ask
21 you to wait and speak into the microphone in order for us to
22 accurately record your comments.

23 We also have a paper form on the table in the back
24 that you can fill out and hand to one of us this evening or
25 you can take one of the pre-printed postcards. They're

1 already -- have postage on them, take it home with you, fill
2 it out, and drop it in the mail at a later time.

3 You can also mail comments to that address. And
4 that address, again, is available at the table in the back
5 rooms. We also have a website that you can post comments on.
6 And it is Nanushukeis.com, right there.

7 So we received a permit application in June of 2015
8 from Repsol/Armstrong. And they're proposing to produce,
9 process, and transport sales-quality oil to the TAPS. They're
10 proposing to place fill into 288 acres of wetlands for the
11 constructions of roads and drill pads and also pipeline.

12 This project is approximately 7.5 miles from
13 Nuiqsut, Alaska, just to the east of the east channel of the
14 Colville River. They're also proposing to level 5.8 acres at
15 the Oliktok dock for barge offloading.

16 So under NEPA, we're required to do an environmental
17 assessment, and the Corps has determined that the appropriate
18 level for this project is an EIS, an environment impact
19 statement. We are the lead agency and there are five
20 cooperating agencies that are participating with us in the
21 development of the EIS. And the -- DOWL is the third-party
22 contractor who will be developing the EIS under the direction
23 of the Corps of Engineers.

24 This slide shows the steps in the EIS process. So
25 we published a notice of intent, I believe, in March or

1 February of this year. And right now, we're in the public
2 scoping part of the process. So we are asking you to provide
3 us with your input on the project. This is really going to
4 help us develop alternatives, focus on significant issues, and
5 it kind of drives the development of the EIS. So your input
6 to us is really important.

7 After that, we'll do the development of the
8 alternatives and we'll put out a draft EIS. At that time,
9 you'll have additional opportunities to comment on the draft
10 EIS, and you'll have another opportunity to comment on the
11 final EIS.

12 These are some of examples of the resources that are
13 typically studied in an EIS: Physical resources such as
14 water, air quality, fuel or hazardous materials, geology,
15 soils, permafrost. And, again, here's some examples of
16 biology -- biological resources, such as wetlands and fish
17 resources. Social resources are noise, subsistence,
18 traditional land use, cultural, recreational, visual, and
19 human health resources.

20 So, again, what is the public's role in the EIS?
21 Your role is to provide us with comments. What are some
22 concerns you have? Are there any issues that you have with
23 the proposed project? Are you in favor of the proposed
24 project, and what are your specific reasons for that? Are
25 there ways that you're aware of that we can reduce or minimize

1 the project impact?

2 So we published our notice of intent on February of
3 2016, and this is the last of the four public scoping meetings
4 that are being held. The end of the scoping period, the time
5 that we need your comments by is May 1st, 2016. And now, I'd
6 like to have Patrick come up and talk to you more specifically
7 about the project. Thank you.

8 PATRICK CONWAY: All right. Thanks, Ellen. Yes, my
9 name is Patrick Conway. Can you hear me all right? Thank
10 you. Before I get into talking about the project, I want to
11 just talk a little bit about the applicant and our partner.
12 Some of you might be familiar with Repsol. That company
13 partners with Armstrong Oil and Gas. I work for Armstrong.

14 Back in 2011, 2012, Repsol was the operator on
15 leases that were shared by partnership. And so they've been
16 up on the North Slope drilling exploration wells. And late --
17 earlier this year -- actually, it was late in 2015, there was
18 a transition of the operatorship on the leases from Repsol to
19 Armstrong. So while the partnership still exists, the name
20 that you will see associated with the leases and with the
21 project going forward, is going to be Armstrong. And
22 Armstrong's operating company, which is a company called
23 70 & 148 -- so moving forward on this, they will be the -- we
24 will be the applicant and 70 & 148 will be the name that
25 you'll see.

1 With me here today is Chuck Wheat, the HSC manager
2 for the project, and Ed Teng, who I lost -- oh, there he is.
3 He's all the way in the back. Ed Teng is the project manager
4 with Armstrong Oil and Gas for the project.

5 Okay. And then the other thing I wanted to mention
6 is the EIS is being prepared for the Corps of Engineers for
7 the 404 process -- 404 permitting process for us to place
8 gravel fill on the tundra and wetlands. It's one of many
9 permits that we'll need in order for the project to move
10 forward. There are federal permits and state permits, as well
11 as permits from the North Slope Borough, and landowner
12 approvals. And we'll talk a little bit in a minute about the
13 landowner here.

14 So over the next couple slides, we're just going to
15 zoom in a little bit on the area. For those of you aren't
16 familiar -- we have a little pointer here I'm going to try to
17 use. Okay, so we have Deadhorse over here. And this is sort
18 of the -- the project area is about 50 miles or so west of
19 Deadhorse. And then you have the village of Nuiqsut here and
20 the Colville River. And the project that we're proposing is
21 circled in green on this figure. Up -- yep, right on --
22 that's good enough.

23 So this is a -- again, this is Deadhorse here,
24 Prudhoe Bay, the Kuparuk unit, Milne Point -- oh, I can see it
25 better. Right on, thanks. Again, Nuiqsut, the Colville River

1 here. And in pink on this slide here, all of these areas
2 here, these are all leases that the partnership holds. And
3 the unit that we're proposing to develop is called the Pikka
4 unit, and that was just recently approved about two -- a
5 year-and-a-half ago.

6 And, let's see, what else do we want to show? Oh,
7 on this -- yeah, why don't we go to the next slide. Okay, so
8 zooming in, again, this here what we're showing in this
9 purple/pink color is Kuukpik Corporation land ownership, where
10 Kuukpik owns the surface, ASRC and the State of Alaska share
11 ownership of the subsurface. And everything in this sort of
12 the beige/white color is State of Alaska land. Down here, you
13 have a little cross-hatched area. This is North Slope Borough
14 owned land, as well as this right here. And then we have
15 Native allotments in this darker color. There's several of
16 those scattered about the area, though, the project is --
17 we're not proposing at any infrastructure in the vicinity of
18 any of those.

19 This up here is private land and, again, I just want
20 to call attention to the community of Nuiqsut here and the
21 Colville River just to the west of the infrastructure we're
22 proposing.

23 I think the next -- the very next slide is going to
24 be sort of a cartoon representation of what I'm showing here.
25 So I -- a couple of things I'd like to call attention to,

1 particularly for those of you who are familiar with the
2 infrastructure, the existing infrastructure on the North
3 Slope. And so this is sort of the CPF1, the Kuparuk River
4 unit, KOC, and right here is CPF2. What you'll see is what
5 we're proposing is for a tie-in pad here. And I'll talk a
6 little bit more about that on the coming slides.

7 The pipeline infrastructure would go to that
8 location. Right here, this is Drill Site 2 Mary -- 2M in the
9 Kuparuk field. And what we're proposing to do is build a
10 gravel road that basically starts there and extends out to the
11 project area.

12 Okay. So in the basic sense, really, what is the
13 project, what we're proposing to do, based on what we've
14 learned from exploration, is drill production and development
15 wells from three locations; will be called Drill Sites 1, 2,
16 and 3. The Drill Sites 2 and 3, pretty much, that's what will
17 be happening at those sites, the drill production wells, and
18 transport to produce fluids, via pipeline, back to the central
19 process facility that would share gravel pad with the Drill
20 Site 1 here.

21 So at Drill Site -- at -- what we call that is the
22 Nanushuk pad. At the Nanushuk pad, what they'll do is
23 separate the water and gas from the oil. Water and gas would
24 be transported, again, via pipeline back to the drill sites
25 and re-injected into the formation to maintain reservoir

1 pressure. The oil, at that point, referred to as sort of
2 sales-quality crude oil, will be transported, via pipeline,
3 over to the location that I was talking about earlier, this
4 tie-in pad that we're currently proposing, just to the east of
5 CPF2. At that location, we'd be tying into the Kuparuk
6 pipeline.

7 We'd also have tie-in to sea water and gas at that
8 location, as well. And so from that location, we would be
9 transporting those -- like sea water and gas out to the
10 process facility.

11 We're also proposing to construct an operations
12 center that would house a camp for -- and this would be a
13 permanent camp for long-term use, and for maintenance and, you
14 know, lay-down and storage, that type of thing.

15 Okay. Also, at Drill Site 2 is a lake and that
16 would be used to provide potable water to the operations
17 center. So what we would do is withdraw water from this lake,
18 transport that water via pipeline over to the operations
19 center where it would be treated and used only here for
20 potable water.

21 Okay, so acreages and distances associated with
22 this: Each Drill Site 2 and 3 are proposed to be about 17 1/2
23 acres at the footprint. The Nanushuk pad would be
24 approximately 23 acres. The operations center would be about
25 10 acres. And their tie-in pad here would be about one acre.

1 Connecting to the existing infrastructure, we're
2 proposing to build approximately a 14-mile gravel access road
3 with a 330-foot bridge crossing over the Miluveach River.
4 This road would be about 38 feet wide at the crown. That
5 would be the top of the road. These, we refer to as access
6 roads, drill site access roads. That's a total of about 11
7 miles.

8 The road from the operation center out to Drill Site
9 2 is approximately four miles. The road from the T there out
10 to Drill Site 3 is approximately seven miles, and that road
11 has a proposed crossing of the Kachemach River that is also
12 about 330 feet. That road -- I told you this one is four
13 miles, right, and this one is seven, and those are both
14 proposed 34 feet at the crown.

15 And so that's about it for right now. And if you
16 have questions for me, there may be some time in a few minutes
17 for me to answer those. Otherwise, you know, I'm here for the
18 duration. I'd be happy to meet any of you over by the poster
19 series and describe more about the project. Thanks.

20 ELLEN LYONS: Thank you, Patrick. So just to end
21 on -- to say thank you, again, for coming. We really look
22 forward to hearing your comments. You'll let us know what you
23 think we need to know about this project, what we should study
24 in this project, and significant issues we need to focus on
25 for this project as we develop our EIS.

1 And now I want to hand it over to Joy. She will
2 facilitate the question-and-answer period. Thank you.

3 JOY HUNTINGTON: Okay. This mic is very loud, so
4 we're going to -- maybe can we turn this one down? We worked
5 on it earlier and I think it went and got really loud again.
6 So I'm going to walk around with this microphone and this time
7 is really about, of course, as Ellen mentioned, getting input
8 from you. We're really not going to treat it as a
9 question-and-answer period, because we want to hear from as
10 many people as possible.

11 So if there are questions that you want to talk to
12 folks about maybe offhand, like later, we just want to kind of
13 keep this part moving forward, because there's so many people
14 here, which is great. It's nice to have this turnout and so
15 much interest in this project, but we're really going to try
16 to get to as many people as we can.

17 And, again, please state your name so we can get it
18 all recorded, and it would be great if you had the microphone.
19 So I'm going to try to get to everybody. And I understand not
20 everybody wants to speak in front of a crowd on a microphone.
21 That's why Ellen mentioned the different ways of providing
22 input. Maybe -- you know, you have until May 1st, so maybe
23 you want to find out more in the meantime and provide written
24 comments at the website. Take one of the postcards home. So
25 there's lots of different methods of providing some input, but

1 if you would like to give comment in person tonight, we also
2 have this time allocated for that.

3 So, no pressure, but please share your name and
4 we're looking for comments on this project. Or we can all go
5 home and you can take comments. Okay.

6 WARREN CHRISTIAN: Thank you. Is it on? Name is
7 Warren Christian. I'm president of Doyon Associated and
8 president of the North Slope Contractor's Association. I just
9 want to thank you for coming here today and doing this
10 presentation. And on behalf of the North Slope Contractors,
11 we're definitely in support of this project. We've -- most of
12 the people in this room have worked out there in that
13 particular area, the Alpine CD-5 for ConocoPhillips, so we're
14 real familiar with the area. We're real positive on
15 development out there. And on behalf of the Contractor's
16 Association, we're definitely in support of it.

17 JOY HUNTINGTON: As a proud Doyon shareholder, thank
18 you for your input.

19 WARREN CHRISTIAN: I wish I was.

20 JOY HUNTINGTON: No, I'm a Doyon shareholder. Yes.
21 Mr. Rick Solie?

22 RICK SOLIE: Thank you, Joy. My name is Rick Solie.
23 I'm a resident here of Fairbanks. Grew up here and my wife
24 and I have raised three children here; they were all born
25 here.

1 And I'm here tonight -- my day job is at Tower Hill
2 Mines Livengood Gold Project. We're working to develop a
3 project of our own. But I'm here representing tonight the
4 Chamber of Commerce. I chair their natural resources and
5 energy committee. The Chamber has over 700 businesses that
6 are members and thousands of employees in those businesses
7 that work for them.

8 The Chamber of Commerce supports this project.
9 We're excited. There's not a lot of things today to be super
10 excited about in our town, because of some challenging times,
11 but we believe that this project has great opportunity for the
12 State of Alaska, for the Interior, for the Borough, and for
13 the working folks here in our town.

14 My encouragement to you all, as you're scoping this,
15 is to please consider the economic impacts to this project.
16 In particular, Fairbanks, as many of you know, we're sort of
17 a -- the hub for the North Slope with workforce, with
18 fabrication, specialty contracting. It's a real part that's
19 an important element of our community's economy. That has an
20 impact on our tax base. It has an impact on the service
21 industries, because people that -- you all that work here, you
22 have families, you buy trucks here, you eat in restaurants,
23 your kids go to schools. All that is very important for
24 Fairbanks. And it's important to be considered in the EIS.

25 The second thing I would mention is, as a lifelong

1 resident, I've observed the folks that work on the North
2 Slope. You all -- as individuals and the companies that you
3 work for and represent, you've done a fabulous job of taking
4 care of the environment up there. You do it safely. You do
5 it environmentally soundly. And so as a Chamber of Commerce,
6 we can say with confidence that we believe this project can be
7 developed wisely. And there's a lot of work to be done. And
8 I know you've got a whole process to go through, but we're
9 confident that, as Alaskans, we can do this right.

10 And so we appreciate the opportunity to come here
11 today. The Chamber will offer formal remarks. We'll send in
12 written comments before the May 1st deadline, but I just
13 wanted to give a shout-out to you all for something that's
14 exciting and we're all about it here in Fairbanks. Thanks.

15 JOY HUNTINGTON: Thanks, Rick. More comments from
16 the public?

17 BOB HUBBARD: Thank you. Well, like Rick -- well,
18 I'm Bob Hubbard, business manager of the Plumbers and
19 Pipefitters here in Fairbanks. Like Rick, lifelong Alaskan.
20 My son is a fourth generation right out of Fairbanks here.
21 And this is what we do, you know. The -- we're at the
22 Fairbanks Pipeline Training Center here. We're in full
23 support of this project. Like Rick said, it's very exciting
24 for the times that we're looking at. And we're looking
25 forward to getting more oil in the pipeline. And appreciate

1 you guys coming out, and we'd like to get our members to work.
2 Thank you.

3 JOY HUNTINGTON: Thanks for your comments. Without
4 you saying something, I wouldn't have really noticed that the
5 Plumbers and Pipefitters were even here. Just kidding.
6 Anybody else have any comment?

7 JAMES MCMILON: I'm James McMilon with the Teamsters
8 Local 959. Also would like to welcome Armstrong/Repsol here.
9 You know, so far our dealings with Repsol and Armstrong have
10 been very positive on the North Slope. They've put a lot of
11 our members to work from the Interior, a lot of Alaskan
12 companies. And I've been out on the projects quite a few
13 times and seen that they're doing it responsibly.

14 One of the things I'd like to encourage, as the
15 scoping and EIS goes on, is doing it in a timely fashion. You
16 know, getting oil in the line sooner than later. Getting
17 folks to work sooner than later is probably one of the most
18 important things. I have a lot of faith in Armstrong and
19 Repsol to do the work safely, to do it environmentally
20 friendly. We got a -- some great Alaskan companies that will
21 be on the project, I have no doubt. And one of the key things
22 and probably the biggest things is to get it going in a timely
23 fashion. Thanks.

24 JOY HUNTINGTON: And did you state your name, sir?

25 JAMES MCMILON. I did. I can do it again.

1 JOY HUNTINGTON: If you could -- would our young
2 ladies like to say anything about the project? Any questions?
3 Okay, just making sure. Lake Williams, I'll go ahead and say
4 his name for him.

5 LAKE WILLIAMS: Lake Williams with the Operating
6 Engineers and the president of the Fairbanks Building Trades.
7 I'd like to echo everything that's been said. I think you can
8 see by the shirts here, we are strong supporters of this
9 project. And we would like to see it done in a timely -- the
10 EIS done in a timely manner so we can go to work. And this
11 isn't really a message for the EIS, but you see who supports
12 you, Armstrong, and we would like to see our guys working and
13 our contractors working and we look forward to doing that work
14 for you.

15 JOY HUNTINGTON: Thank you, Lake. And it's okay to
16 make comments about, you know, wanting, you know, certain
17 things to be looked at in terms of just other factors as well.
18 I mean, it's great to have supportive comments made and I just
19 want to say that all comments are welcome. There's no wrong
20 comment. So, you know, every -- anybody that has issues they
21 want to bring up or anything to be looked at, definitely, this
22 is your opportunity to make those comments as well.

23 MARYELLEN TUTTELL: Or we can all eat cookies.

24 UNIDENTIFIED AUDIENCE MEMBER: What about your other
25 hat as a city council (indiscernible - away from mic)?

1 JOY HUNTINGTON: I wasn't going to mention that.
2 I'm also a city council member in Fairbanks, so it is great to
3 see everybody out here. And I know we're a community that
4 really cares about, you know, good things happening here and
5 we have a good future to look forward to, so good to see
6 people getting involved. Thank you for being here.

7 Yeah, and there's no pressure. I mean, it's great
8 that you're here. There's a lot of different ways to provide
9 comments. There is some time as well, so, you know, we can
10 leave the microphone so I'm not standing here staring at you,
11 making you uncomfortable. I can -- we can set the microphone
12 and just have some time if you want to ask questions. You
13 know, we have great folks in the room that know a lot about
14 this project. It's a good networking opportunity to kind of
15 just get to know each other better.

16 Oh -- you know, we don't have to -- oh, my mother.
17 I've talked too -- long enough. She's making me be quiet.
18 But, yeah, so we'll take more comments, but definitely, you
19 know, we can leave the mic open and, you know sort of if
20 there's more, definitely, we'd be happy to hear more comments
21 as well.

22 DOROTHY SHOCKLEY: Okay, thank you. Dorothy
23 Shockley. I have some -- a couple of questions, if you don't
24 mind. In regards to the proposed project and its location
25 to -- from the -- is it the CD-5? Is that the other -- the

1 wells that are working right now? I guess my comment is, how
2 far is this project from the one that's operating right now,
3 and maybe the impact that would have on both those?

4 PATRICK CONWAY: Okay. Thanks for your questions.
5 So as it relates to the impacts, really, that's the -- that's
6 going to be the job of the Corps and the cooperating agencies
7 when they do the environmental impact statement.

8 Boy, all right. So it's probably, I would say, in
9 the neighborhood of five to seven miles between the drill
10 sites and the Alpine facility across the river. The
11 projects -- let me see here -- so if we look at this figure,
12 you were asking about CD-5. So CD-5 was under construction
13 just recently, and I believe they're producing oil from that
14 pad now. Probably, it's -- I don't know, it's been months,
15 maybe a year.

16 The next project that ConocoPhillips has proposed
17 and has approved, and I think they're going to try to get
18 built in the near future is called GMT1, Greater Mooses Tooth
19 1. And so those are, I'd say, twice that distance. It -- I'm
20 kind of ball parking it myself. I've never actually done the
21 math. Does that help to help answer your question?

22 There's a couple of other recent projects. This up
23 here -- can folks even see this figure? This is the Nuna
24 development here proposed by Caelus. And so that is to the
25 north and east of us by about that same distance, sort of five

1 to ten miles, in that neighborhood. Is that okay for you?

2 DOROTHY SHOCKLEY: I guess one more question, if you
3 don't mind.

4 PATRICK CONWAY: Sure.

5 DOROTHY SHOCKLEY: In regards to -- where is the
6 pipeline? Like where is the oil going from --

7 PATRICK CONWAY: Yeah, that's a good question.

8 DOROTHY SHOCKLEY: -- that project to the
9 (indiscernible - away from mic).

10 PATRICK CONWAY: From -- okay. Yeah, sure, so the
11 question, Marci, was, where is the oil going? Is that fair
12 enough? Okay. So when we -- well, at its peak, this facility
13 will produce 120,000 barrels of oil per day. That oil will
14 flow alongside the road in the pipelines that I mentioned
15 earlier. Those will go to -- I called this the tie-in pad
16 close to Central Process Facility 2 in Kuparuk, where it will
17 tie into the Kuparuk pipeline and flow all the way over to
18 Deadhorse to the Pump Station 1 and into the Trans-Alaska
19 Pipeline's system, TAPS, and then to Valdez.

20 JOY HUNTINGTON: So my Inupiaq name that I was given
21 in Kotzebue is Uqaqti, which means one who speaks. Now you
22 know where I get it from. So, basically, right now, we're
23 going to leave it open for public testimony, continuing on
24 with that. But since we do have some time, if you have
25 questions, my mom kind of got that ball rolling. If you have

1 questions for the Corps, for Armstrong, please, you know, feel
2 free to ask some questions.

3 Once we're done with that, if there is no more
4 questions at that time, then we're just going to go back to
5 the open house, and we're going to end at 8:00. So we'll
6 stick around if you guys want to hang out and look at some
7 more of the boards, ask questions, just like one on one with
8 the folks that are here. So now it's questions or, of course,
9 still public testimony, if you'd like to make comments.

10 I figured Carl was going to say something, and you
11 have to wait for the microphone. He bosses me around, so I
12 get to boss him around.

13 CARL GOHLKE: Can you take us back to the schematic
14 where we're at right now? We're in the public scoping, and
15 then there's three other things after that before we get to
16 the draft EIS. There you go. Okay. So where do we stand?
17 We got till May 1st to finish the public scoping. And then
18 how long for key identifiers? Can you walk us through that
19 time frame?

20 ELLEN LYONS: Yeah, so I don't -- I wish I had my
21 other notes. But we'll be identifying key factors all the way
22 through the scoping period. It's kind of happening. It's not
23 like a set thing that you do. It happens during scoping. It
24 happens while we're developing all the alternatives. And it's
25 the key factors or the key issues that will drive the

1 development of the alternatives.

2 CARL GOHLKE: So when do we expect to see the draft
3 EIS?

4 ELLEN LYONS: You have the -- do we have it on
5 there? I know that we are planning to do some more agency
6 meetings with regards to the development alternatives this
7 June. So it would be, you know, after June. And I am not
8 sure -- and I apologize, because I'm kind of standing in
9 tonight, so I'm not the project manager physically in charge
10 of this project. So I --

11 CARL GOHLKE: So is it going to be this year?

12 ELLEN LYONS: I don't know. At this point, I don't
13 know. I will try and get that information and get it back out
14 to you guys, and I apologize for that.

15 MARYELLEN TUTTELL: (Indiscernible - away from mic)
16 end of the year.

17 ELLEN LYONS: Is it on the other -- do you know
18 (indiscernible - away from mic).

19 CARL GOHLKE: (Indiscernible - away from mic) all my
20 questions.

21 MARYELLEN TUTTELL: I think the hope is to get the
22 draft out in about a year.

23 CARL GOHLKE: So next year? Okay. All right. Any
24 help you need, let us know.

25 JOY HUNTINGTON: Are you sure you're done, Carl?

1 Are you going to make me walk over there and then run back
2 over here because you thought of something else?

3 CARL GOHLKE: I'll think of something.

4 JOY HUNTINGTON: I'll just stand in this area,
5 because I know he's going to come up with something else. Is
6 there anybody else that has questions, comments? Thank you,
7 sir.

8 KYLE PERRY: My name is Kyle. I'm the business
9 age -- excuse me, Kyle Perry. I'm the business agent with the
10 Plumbers and Pipefitters here in Fairbanks. I just wanted to
11 give a little bit of a comment here. I mean, we are at the
12 environmental impact study review. So what you've got in this
13 room is some of the best-trained, most environmentally
14 responsible workers in the country. I mean, this is what
15 we've been trained to do from day one. We understand that
16 when we put on our hard-hat every day.

17 And I just want to echo that this is what we do for
18 a living. I'm a third-generation Alaskan. And I know that
19 the people in this room are going to do it and they're going
20 to be able build this project. They're going to be able to
21 maintain it. And they're going to be able to do it in a
22 responsible manner. And so that's all I have to say.

23 JOY HUNTINGTON: Thank you for your comments. I
24 knew it. What did I say? I get a prize.

25 CARL GOHLKE: Okay. So with your visits up north in

1 the Nuiqsut and Barrow, what kind of feedback are you getting
2 from them?

3 JOY HUNTINGTON: Good question. Who would like to
4 answer that? And, again, this is Maryellen Tuttell with DOWL.

5 MARYELLEN TUTTELL: Thank you. We got very diverse
6 feedback. The communities there are diverse as well as here,
7 and so we did hear concerns about subsistence resources, air
8 quality issues. So as you can imagine, when there's
9 development going on near where you live, you would have those
10 types of concerns. And so those will be things that we will
11 be looking at: Subsistence, air quality, potential impacts to
12 the flood plain from some of the fill. Those were the
13 primary -- are you thinking of anything else?

14 JOY HUNTINGTON: Health (indiscernible - away from
15 mic).

16 MARYELLEN TUTTELL: Some human health associated
17 primarily with the air quality concerns. And, of course,
18 concerns as to any potential for oil spills. Those were the
19 primary concerns. And, of course, a lot of discussion about
20 potential mitigation, the types of mitigation that people
21 would want to see. Yeah, I think that was about it.

22 JOY HUNTINGTON: Along those same lines, some of the
23 folks in Barrow were kind of suggesting and encouraging the
24 project to look at maximizing overlap with infrastructure, so
25 looking at ways to, you know, lessen impacts by utilizing

1 infrastructure that's already there for other projects. So I
2 think that came up in Barrow, along with a lot of the similar
3 issues raised in Nuiqsut as well.

4 And there's a lot of inter-family relationships and
5 folks that are, you know, kind of -- have connections in both
6 communities, so even in Barrow, they were raising questions
7 and concerns kind of on behalf of their relatives or people
8 that they know in Nuiqsut, so a lot of overlap with that
9 input.

10 JAMES MCMILON: James McMilon again; Teamsters Local
11 959. One of the questions I have for Patrick and maybe for
12 the Corps is, is there anything -- I don't see anything new to
13 the North Slope up there in this project, nothing that's out
14 of the ordinary. Is this -- is there anything, Patrick, that
15 you have?

16 And, also, how does the Corps take into
17 consideration all the years of doing the same thing nearby
18 when they're doing their EIS? And how does that factor in
19 doing it in a timely -- do you do the research each time over
20 again, or do you take the lessons learned from, you know, 40
21 years of experience up there?

22 ELLEN LYONS: I'll go ahead and address it from the
23 Corps perspective, first. I can say that, you know, we
24 definitely take it -- take what we already know and add it to
25 what we are going to learn about the site-specific impacts of

1 this particular project. So it's never done in a vacuum. We
2 take into consideration all the information.

3 The other thing that will happen during this
4 project, is one of the things that we have to assess, is
5 cumulative impacts. So we have to look at what is going on in
6 the site-specific, but also look at how is that adding to
7 impacts cumulatively, both spatially, across the landscape,
8 and over time. So those are two things that we'll look at.

9 JOY HUNTINGTON: Thank you, Ellen. And we have some
10 folks just joining us here, so just to kind of let you know,
11 we've given a presentation about where we're at in this
12 environmental impact statement and we're now at public
13 comment. And so we are nearing the end of public comment, and
14 then we're going to basically spend about an hour doing an
15 open house.

16 So for the folks that just got here, please, if you
17 have comments to make, this is perfect timing. And if you'd
18 like to go back to any of the slides as well, that can happen.
19 And questions, we're also taking questions. Uqaqti, the
20 original.

21 DOROTHY SHOCKLEY: Well, my concern, I -- as some of
22 you may know, I worked for state senator for eight years, and
23 I worked on local hire issues. And so I guess I want to make
24 a comment, but also ask a question in regards to local hire.
25 You know, I just want to encourage local hire, Alaskans. We

1 have way too many non-resident people working on the slope
2 from the numbers that I've seen. And so in regards to your
3 history of Armstrong, what percentage of local hire as far as
4 Alaskans do you have on your projects?

5 JOY HUNTINGTON: Do you want to answer that?

6 PATRICK CONWAY: Well, yeah, I don't -- I couldn't
7 tell you. I don't have that answer right off the top of my
8 head, to be honest with you. But local hire is definitely a
9 component of our mind-set moving forward. It's also a
10 component of the permitting process, so as we move forward
11 through the process, it's something that will be considered,
12 yeah, for sure. And so then it will be evaluated, not only by
13 us, but by regulatory folks as well. And, yeah, we'll be back
14 to talk a lot more about that in the future, uh-huh.

15 JOY HUNTINGTON: Do you want me to stop staring at
16 you now? Yes.

17 PAM MILLER: Hello, my name is Pam Miller. I live
18 in Fairbanks, Alaska, P.O. Box 82803, 99708. Is this an open
19 public hearing with a court reporter?

20 MARYELLEN TUTTELL: It's a public meeting
21 (indiscernible - away from mic).

22 PAM MILLER: Okay. Most public meetings, when
23 they're announced, don't have a court reporter or a paper --
24 place to get your comments officially on the record, so I
25 really appreciate that we do have a court reporter to

1 accurately document what people are saying.

2 I'm glad to see the turnout of people at one of
3 these meetings. Often, there aren't very many people. I
4 don't know that it was very well advertised here in Fairbanks.
5 And there a lot of meetings going on in this 10-day period.
6 So I'm very glad you're doing the environmental impact
7 statement for this project. It is a very major expansion of
8 the road network in the western end of Kuparuk, and a critical
9 area where the Central Arctic caribou herd migrates.

10 I'd like you to consider alternatives that have
11 roadless alternative. The roadless alternative I saw in your
12 materials still had roads in the pads nearest to the Colville
13 River. And it seems to me that there may be the opportunity
14 for greater extended-reach drilling from some of the pads so
15 that you require less pads and roads for the project.

16 I'm most concerned about the pad that's located to
17 the south. It appears from the material in your application
18 that was posted on the website, at least, that it's in the
19 flood plain. And with the state of affairs with climate
20 change on the North Slope, it seems that definitely getting
21 things outside this flood plain of major rivers would be a
22 very wise idea for the long run.

23 We've seen a lot of floods at Alpine. And just for
24 how you build this project, I think that would be a very good
25 idea. Similarly, some of the other pads appear to be within

1 flood plains, whether it's 100-year flood plain or more than
2 100-year, that we might be wanting to plan for in this time
3 frame.

4 So I think from the economic analysis, I urge you to
5 very carefully look at the -- what contribution to the state
6 budget this project will provide with the current subsidies
7 that are in place. Right now, we may get no money or actually
8 less than positive money with the subsidies to the company
9 doing the project, and given that aspect of it, I think it's
10 really important.

11 I really like the comment I heard by the person in
12 front of me about local hire, Alaskans getting the jobs. I
13 hope that we'll be able to get taxes for our state from all
14 those workers. That's not beyond the scope of the document
15 you're doing, probably.

16 So I do appreciate that you're doing the
17 environmental impact statement. This is a very major
18 expansion. There seems to be a little bit of redundancy in
19 pipelines as it splits off from the Kuparuk Road away from the
20 Alpine pipeline. And I would just urge that this project not
21 extend from your proposed pads, when you look at the
22 cumulative impacts of the project, into the Colville delta and
23 not cross the river, whether it's below or above the river
24 channel.

25 There's been extensive studies in the past, but then

1 we'd have proliferation of roads at the Colville River delta.
2 This delta is an amazing place. I expect you'll be studying
3 fish, birds. The migratory fish are really important; the
4 migratory birds and the Central Arctic caribou herd.

5 So thank you for this opportunity to comment. I
6 didn't expect that it was an opportunity at -- some of the
7 federal meetings these days, don't have a formal comment
8 period, and I think this is better. So thank you.

9 JOY HUNTINGTON: Thank you for your comments. And,
10 also, we encourage folks to be directed to the postcards that
11 are already -- already have stamps on them, and there's the
12 website as well, so there's more opportunities. Yep, another
13 comment.

14 WARREN CHRISTIAN: Thank you. Just a comment on
15 local hire. As a contractor who works up on the North
16 Slope -- and I speak for all the contractors -- thanks to the
17 unions in this room. You know, last year, CD-5 -- we had over
18 700 people between Point Thomson and CD-5 last year up on the
19 North Slope. We were experiencing nine -- over 90 percent
20 Alaska hire. And almost hit 30 percent -- we were at 29.8
21 percent on Alaska Native hire. So the unions have done a
22 really good job on training Alaskans for the Alaska jobs.

23 JOY HUNTINGTON: Thank you for that comment.
24 Anymore questions or comments? If not, we're going to go
25 ahead and transition back to open-house format. So we have

1 resources in the room to answer your questions. But if -- you
2 know, if you have an -- would like to say anything, please let
3 me know now, because we're going to switch over.

4 And I thank you again for joining us. It's great to
5 have the community come forward and present their suggestions,
6 concerns, interests in this project. I think you've had some,
7 you know, good people here kind of listening to that. And
8 we'll definitely incorporate that into the EIS as it moves
9 forward, so your time was well spent, and we appreciate you
10 taking an evening out of your lives to come hang out with us
11 and talk about a project.

12 ELLEN LYONS: And then from the Corps, I just want
13 to say thank you from the Corps, too. We really appreciate
14 your input. And if you didn't want to speak out loud tonight,
15 please do take the opportunity to provide additional comments
16 in the other ways that are available to you. So thank you
17 very, very much.

18 JOY HUNTINGTON: And one last comment, I just wanted
19 to thank Zack in the back of the room for helping us getting
20 everything set up. The Pipeline Training Center was awesome
21 to work with. I don't know if Michelle is still here. But
22 she basically has been working with us for a couple of weeks,
23 making sure everything was going to go well tonight. And Zack
24 was helping for a few hours, making sure that everything
25 worked out. So thank you and this is a great place to have

1 meetings and it -- I think it worked really well for the
2 conversation that we had tonight. So thank you to them.

3 MARYELLEN TUTTELL: And please eat some food before
4 you go.

5 JOY HUNTINGTON: Please eat food before you go, and
6 if you haven't signed in, please sign in.

7 PAM MILLER: This is Pamela A. Miller, again. And I
8 have one other additional comment. I urge the Corps of
9 Engineers to use a government building or a place that is
10 commonly used for public hearings. I have been to two
11 meetings this week at this facility. One was a senate -- but
12 I don't think it's an important -- a neutral place to have
13 public comment on a project.

14 I believe it is a bias, an inherent bias having a
15 site at a building that is jointly run by ConocoPhillips who
16 is an applicant -- or by ConocoPhillips and I don't know about
17 the other companies involved in this project. I think it was
18 good to have unions come.

19 Clearly, this facility did it, but there was not
20 good public information. There's been no news articles in our
21 local paper. I didn't see a public notice actually in the
22 print part of the paper, not in the end. I don't know if
23 there was a public notice, but this location is unfair to the
24 general public. And I hope that the Corps of Engineers will
25 not use it at the next phase of this project.

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TRANSCRIBER'S CERTIFICATE

I, Marci Lynch, hereby certify that the foregoing pages numbered 2 through 34 are a true, accurate, and complete transcript of the Nanushuk Project Public Scoping Meeting held in Fairbanks, Alaska, March 31, 2016, transcribed by me from a copy of the electronic sound recording to the best of my knowledge and ability.

April 11, 2016

Marci Lynch, Transcriber

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