

To: Cribley, Bud[bud_cribley@fws.gov]
From: Wendy Loya
Sent: 2018-05-04T16:48:37-04:00
Importance: Normal
Subject: Re: Invitation: BLM USFWS Seismic Pre NEPA Kickoff Meeting @ Fri May 4, 2018 10:30am - 12:30pm (AKDT) (slamarr@blm.gov)
Received: 2018-05-04T16:48:44-04:00

For sure!

Will make sure we set up a recurring meeting and include you.

Dr. Wendy M. Loya, Coordinator
Office of Science Applications- Arctic Program
Anchorage, Alaska
907.786.3532 (office)
907.227.2942 (mobile)

On May 4, 2018, at 12:38, Cribley, Bud <bud_cribley@fws.gov> wrote:

Would you please include me on these meetings, even if they are working meetings.

Thanks,

Bud

On Fri, May 4, 2018 at 2:26 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

For those folks who will be joining us via phone who would like to see the presentation materials, please follow the attached instructions to participate in a WebEx.

If you have any problems, let us know!

Sarah La Marr

Bureau of Land Management

Arctic District Office

Fairbanks, Alaska

907-474-2334 (desk)

907-888-3407 (cell)

slamarr@blm.gov

On Wed, May 2, 2018 at 11:39 AM, Donna Wixon <dwixon@blm.gov> wrote:

[more details »](#)

BLM USFWS Seismic Pre NEPA Kickoff Meeting

Meeting to discuss the proposed seismic application for the 1002 Area. It is possible that we won't have a nonconfidential application before the meeting. The applicant is working to provide us information that we will be able to use for the EA. Please see attached draft agenda and let me know if there are suggested additions or changes to the agenda. Thank-you very much for your participation in the meeting.

When Fri May 4, 2018 10:30am – 12:30pm Alaska Time

Where BLM-AK FDO Kobuk Room, BLM-AK SO Bridge 2 **b5 - CIP**
Passcode **b5 - CIP**)

Video call https://hangouts.google.com/hangouts/_/doi.gov/dwixon

Calendar slamarr@blm.gov

Who

- dwixon@blm.gov - organizer
- rbrumbau@blm.gov
- mwhitman@blm.gov
- jkeeney@blm.gov
- greta_burkart@fws.gov
- stephen_arthur@fws.gov
- tvosburgh@blm.gov
- christopher_latty@fws.gov
- rkemnitz@blm.gov
- roger_kaye@fws.gov
- steve_berendzen@fws.gov
- lbryant@blm.gov

- t75murph@blm.gov
- sfritz@blm.gov
- ted_swem@fws.gov
- ssweet@blm.gov
- sarah_conn@fws.gov
- joshua_rose@fws.gov
- wendy_loya@fws.gov
- john_trawicki@fws.gov
- slamarr@blm.gov
- joanna_fox@fws.gov
- dnigro@blm.gov
- stephanie_brady@fws.gov
- kdebenham@blm.gov
- tmearns@blm.gov
- njones@blm.gov
- hollis_twitchell@fws.gov

Attachments [Draft Agenda May 2 2018 \(1\).docx](#)

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account slamarr@blm.gov because you are subscribed for invitations on calendar slamarr@blm.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

--

Bud C Cribley

Senior Advisor for Energy with the U.S. Fish & Wildlife Service

Office # 202-208-4331

Cell # 907-717-5141

Office # MIB 3341

email: bud_cribley@fws.gov

To: Wendy Loya[wendy_loya@fws.gov]; Ellis, Mitch[mitch_ellis@fws.gov]
From: Siekaniec, Greg
Sent: 2018-05-04T16:54:32-04:00
Importance: Normal
Subject: Fwd: [EXTERNAL] Request for a public meeting in Washington DC
Received: 2018-05-04T16:55:19-04:00
[Request for DC public meeting April 2018 .pdf](#)

----- Forwarded message -----

From: Lydia Weiss <lydia_weiss@tws.org>
Date: Thu, May 3, 2018 at 4:21 PM
Subject: [EXTERNAL] Request for a public meeting in Washington DC
To: "[blm ak coastalplain eis@blm.gov](mailto:blm_ak_coastalplain_eis@blm.gov)" <[blm ak coastalplain eis@blm.gov](mailto:blm_ak_coastalplain_eis@blm.gov)>, "kmourits@blm.gov" <kmourits@blm.gov>
Cc: "[greg siekaniec@fws.gov](mailto:greg_siekaniec@fws.gov)" <greg_siekaniec@fws.gov>, "mnhayes@blm.gov" <mnhayes@blm.gov>

Dear Ms. Hayes:

Attached please find a letter from fourteen organizations, on behalf of our millions of members, requesting a public scoping meeting in Washington, DC, as your agency prepares for an EIS for an oil and gas leasing program on the coastal plain of the Arctic National Wildlife Refuge. We look forward to hearing from you regarding this request.

Regards,

Lydia Weiss

Lydia Weiss
Government Relations Director, Lands
The Wilderness Society
202-429-2695

0000009301

To: Steve Berendzen[steve_berendzen@fws.gov]; Joanna Fox[joanna_fox@fws.gov]
From: Wendy Loya
Sent: 2018-05-04T18:00:15-04:00
Importance: Normal
Subject: FW: [EXTERNAL] Request for a public meeting in Washington DC
Received: 2018-05-04T18:00:25-04:00
[Request for DC public meeting April 2018 .pdf](#)

FYI, no info yet on BLM's response...

From: Siekaniec, Greg <greg_siekaniec@fws.gov>
Sent: Friday, May 4, 2018 12:55 PM
To: Wendy Loya <wendy_loya@fws.gov>; Ellis, Mitch <mitch_ellis@fws.gov>
Subject: Fwd: [EXTERNAL] Request for a public meeting in Washington DC

----- Forwarded message -----

From: Lydia Weiss <lydia_weiss@tws.org>
Date: Thu, May 3, 2018 at 4:21 PM
Subject: [EXTERNAL] Request for a public meeting in Washington DC
To: "blm_ak_coastalplain_eis@blm.gov" <blm_ak_coastalplain_eis@blm.gov>, "kmourits@blm.gov" <kmourits@blm.gov>
Cc: "greg_siekaniec@fws.gov" <greg_siekaniec@fws.gov>, "mnhayes@blm.gov" <mnhayes@blm.gov>

Dear Ms. Hayes:

Attached please find a letter from fourteen organizations, on behalf of our millions of members, requesting a public scoping meeting in Washington, DC, as your agency prepares for an EIS for an oil and gas leasing program on the coastal plain of the Arctic National Wildlife Refuge. We look forward to hearing from you regarding this request.

Regards,
Lydia Weiss

Lydia Weiss
Government Relations Director, Lands
The Wilderness Society
202-429-2695

To: Donna Wixon[dwixon@blm.gov]
From: Wendy Loya
Sent: 2018-05-04T20:18:25-04:00
Importance: Normal
Subject: RE: Names of people on the phone - today's meeting 1002 seismic
Received: 2018-05-04T20:18:35-04:00

Thank you, have a great weekend.

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Wixon, Donna <dwixon@blm.gov>
Sent: Friday, May 4, 2018 4:15 PM
To: Wendy Loya <Wendy_loya@fws.gov>
Cc: Steve Berendzen <steve_berendzen@fws.gov>; Joanna Fox <joanna_fox@fws.gov>; Mary Colligan <mary_colligan@fws.gov>; Drew Crane <drew_crane@fws.gov>
Subject: Re: Names of people on the phone - today's meeting 1002 seismic

Wendy,

Attached as requested are documents from today's meeting. There wasn't a handout from the regulations portion.

Donna

Donna L Wixon
Natural Resource Specialist
BLM Arctic District Office
222 University Ave
Fairbanks, Alaska 99709
907-474-2301 Office
907-474-2386 Fax
dwixon@blm.gov

On Fri, May 4, 2018 at 3:51 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Hi Donna,

We also had Stephanie Brady, John Trawicki and Mitch Ellis.

Would it be possible to get copies of the presentation materials to share with another colleague that was out of town?

Also, our Marine Mammals team here in Anchorage, led by the Associate Regional Director for Ecological Services(ES) Mary Colligan, is working directly with SAE on the seismic application for the

MMPA. Any questions about that process can be directed to her, who I have cc'ed here. We can likely have one of their staff join in future calls if needed, although Ted and Sarah provided good information today and the ES Point of Contact Drew Crane has been providing information along the way to Nicole (although I understand the Leasing EIS is a separate process).

Thank you,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Wixon, Donna <dwixon@blm.gov>
Sent: Friday, May 4, 2018 3:45 PM
To: Wendy Loya <Wendy_loya@fws.gov>; Steve Berendzen <steve_berendzen@fws.gov>; Joanna Fox <joanna_fox@fws.gov>
Subject: Names of people on the phone - today's meeting

Hello all,

I wonder if you could tell me who was participating by phone from USFWS today.

I have Lynnda Kahn, Wendy and Bud Cribley, but it seemed like there were quite a few people.

Thanks,
Donna

Donna L Wixon
Natural Resource Specialist
BLM Arctic District Office
222 University Ave
Fairbanks, Alaska 99709
907-474-2301 Office
907-474-2386 Fax
dwixon@blm.gov

To: John Pearce[jpearce@usgs.gov]
From: Wendy Loya
Sent: 2018-05-04T20:31:07-04:00
Importance: Normal
Subject: Seismic Application for 1002 area
Received: 2018-05-04T20:31:24-04:00
Marsh Creek Plan of Operations V8.1 F.pdf

Hi John,

As and FYI to USGS that may have winter research planned in the 1002 area or that are interested in studies related to seismic, there is an application for seismic for possibly the next two winters (2018-2019/2019-2020).

Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: Wendy Loya[Wendy_loya@fws.gov]
Cc: John Trawicki[john_trawicki@fws.gov]; Joanna Fox[joanna_fox@fws.gov]; Stephanie Brady[stephanie_brady@fws.gov]
From: Berendzen, Steve
Sent: 2018-05-04T23:07:44-04:00
Importance: Normal
Subject: Re: Marine protected area
Received: 2018-05-04T23:07:46-04:00

Thanks for this info John and Wendy - [REDACTED] - unless I'm missing something. I'm guessing we could [REDACTED] [REDACTED]?

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

On Fri, May 4, 2018 at 3:41 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Uniform Multiple-Use: MPAs or zones with a consistent level of protection and allowable activities, including certain extractive uses, across the entire protected area. Examples: Uniform multiple-use MPAs are among the most common types in the U.S., and include many sanctuaries, national and state parks, and cultural resource MPAs

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Trawicki, John <john_trawicki@fws.gov>
Sent: Friday, May 4, 2018 3:21 PM
To: Steve Berendzen <steve_berendzen@fws.gov>; Joanna Fox <joanna_fox@fws.gov>; Stephanie Brady <stephanie_brady@fws.gov>; Wendy Loya <wendy_loya@fws.gov>
Subject: Marine protected area

Classification and definition:

https://nmsmarineprotectedareas.blob.core.windows.net/marineprotectedareas-prod/media/archive/pdf/helpful-resources/factsheets/mpa_classification_may2011.pdf

General facts:

MPA

NOAA's MPA Inventory

NOAA's MPA Inventory 2017: Arctic National Wildlife Refuge

Site ID	NWR8
Site Name	Arctic National Wildlife Refuge
Level of Government	Federal
State	National Wildlife Refuge System
National System Status	Member
Level of Protection	Uniform Multiple Use
Management Plan	Non-MPA Programmatic Habitat Management Plan
Management Agency	U.S. Fish and Wildlife Service
Fishing Restrictions	Commercial Fishing Prohibited
Primary Conservation Focus	Natural Heritage
Conservation Focus	Natural Heritage, Cultural Heritage and Sustainable Production
Protection Focus	Ecosystem
Permanence	Permanent
Constancy	Year-round
Year Established	1,960

Vessel
Anchor
Designation National Wildlife Refuge
Marine Area (sqkm) 407.16
Marine Percent 1
No Take Area (sqkm) 0.00
IUCN Category IV
Marine Interface
totareakm
IUCN_status

--

John Trawicki
Water Resources Branch Chief
National Wildlife Refuge System, Alaska
U.S. Fish and Wildlife Service
1011 E. Tudor Road
Anchorage, AK 99503
Work: (907) 786-3474
Mobile: (907) 360-1656

"The single biggest problem with communication is the illusion that it has taken place"

George Bernard Shaw

To: Steve Berendzen[steve_berendzen@fws.gov]; Stephanie Brady[stephanie_brady@fws.gov]
Cc: Joanna Fox[joanna_fox@fws.gov]; Doug Damberg[doug_damberg@fws.gov]
From: Wendy Loya
Sent: 2018-05-07T12:32:24-04:00
Importance: Normal
Subject: RE: Coordination on Seismic NEPA
Received: 2018-05-07T12:32:35-04:00

Sounds great! Please keep me, Stephanie Brady, Bud Cribley and Lynnda Kahn in on all communications (until they request otherwise).

Talk soon,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Berendzen, Steve <steve_berendzen@fws.gov>
Sent: Friday, May 4, 2018 9:44 PM
To: Wendy Loya <Wendy_loya@fws.gov>
Cc: Joanna Fox <joanna_fox@fws.gov>; Doug Damberg <doug_damberg@fws.gov>
Subject: Re: Coordination on Seismic NEPA

Wendy, thanks for offering to function in this capacity, but I'm hoping we can fill our oil & gas coordinator position that I intended to cover this. I don't know how quickly we might fill that, but Joanna has offered to fill in during the interim.

I'm also interested in having someone in this office perform this function since we'll be doing significantly more writing for this effort, and I'd like the coordinator to be able to work more closely with the other staff. Since the majority of the BLM participants will be from the Arctic District office, it will also work well to have the POC present to attend these joint meetings in person with BLM.

Thanks again for the offer - I'll keep you posted on how our pursuit of the oil & gas coordinator plays out.

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907-456-0253

On Fri, May 4, 2018 at 12:59 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Hi Steve and Joanna,

Do you want me to serve as the POC or co-POC for seismic? I would be happy to as I think there is overlap in coordination and response for the full EIS and I can help with getting

additional staff outside of Fairbanks engaged. Let me know what you think would work best,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: Wendy Loya[Wendy_loya@fws.gov]
From: Siekaniec, Greg
Sent: 2018-05-07T12:34:09-04:00
Importance: Normal
Subject: Re: FW: [EXTERNAL] PCH Workshop / May 16-17th / Agenda, meeting location, call-in information and background documents
Received: 2018-05-07T12:35:00-04:00

Thank you Wendy

On Mon, May 7, 2018 at 8:28 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:

To keep you all in the loop on the Canadian-hosted PCH meeting May 16-17th, agenda attached

From: Stotyn, Shannon (EC) <shannon.stotyn@canada.ca>
Sent: Sunday, May 6, 2018 12:59 PM
To: Deana Lemke <beyondwords@northwestel.net>; Don Russell (<drussell@yukoncollege.yk.ca> <drussell@yukoncollege.yk.ca>); Édouard Bélanger <ebelanger@grrb.nt.ca>; Heather Sayine-Crawford <heather_sayine-crawford@gov.nt.ca>; Mcdonald2, Ian (PC) <ian.mcdonald2@canada.ca>; John.Ryder@gov.yk.ca; Julia Ahlgren <Julia.Ahlgren@gov.yk.ca>; Karin Clark <karin_clark@gov.nt.ca>; Kyle.Russell@gov.yk.ca; Marsha Branigan@gov.nt.ca; Martin.Kienzler@gov.yk.ca; Leblond3, Mathieu (EC) <mathieu.leblond3@canada.ca>; Mike.Suitor@gov.yk.ca; beth.lenart@alaska.gov; Brad Griffiths (dbgriffith@alaska.edu) <dbgriffith@alaska.edu>; jason.caikoski@alaska.gov; Paul Leonard <paul_leonard@fws.gov>; Steve Arthur <stephen_arthur@fws.gov>; Wendy Loya <wendy_loya@fws.gov>; anne gunn (gunnan@telus.net) <gunnan@telus.net>; John Nishi <John@Nishi.ca>; Kim Poole <klpoole@shaw.ca>; Mary Gamberg <b6 [REDACTED] gmail.com>; Susan Kutz <skutz@ucalgary.ca>; jhepler3@alaska.edu; joelle.taillon@mffp.gouv.qc.ca; john@nishi.ca; boulange@ecological.bc.ca; lawhead@abrinc.com; aprichard@abrinc.com; Worthington, Lisa (EC) <lisa.worthington@canada.ca>; Joel.Potie@gov.yk.ca; b6 [REDACTED] @gmail.com
Cc: John Glynn Morris <b6 [REDACTED] gmail.com> <b6 [REDACTED] gmail.com>; Machtans, Craig (EC) <craig.machtans@canada.ca>
Subject: [EXTERNAL] PCH Workshop / May 16-17th / Agenda, meeting location, call-in information and background documents

Hello,

Thanks everyone for coming to Whitehorse in a couple weeks (May 16-17th). I hope it will be spring by then! Mike and I have put together an agenda together that was designed to both

inform and to encourage discussion through a series of 15 minute presentations (+ 10 minutes for immediate questions) followed by workshop sessions on the background, impacts, monitoring and mitigation of possible development on the Porcupine caribou herd. We hope this information will prove useful for consideration in your future planning and assessment processes. If you are unable to attend in person we have WebEx and teleconference capability available throughout the duration of the workshop.

We have a lot of material to cover and limited time to do so. If you have suggestions on key areas of discussion for the workshop under each subheading, please send along to us and we will try to ensure the sessions are scoped appropriately based on our thoughts and your feedback. Please note that the titles provided for the talks are rough as the agenda continues to tweak a bit given the tight timelines we've pulled this together on. We anticipate what we have on the agenda will be about right though!

To help you prepare for the meeting, we are also attaching the following:

- An annotated bibliography of barren-ground caribou responses to disturbance (attached)
- A paper by Hall Sawyer (attached). Hall's presentation will be based on this paper but will expand from it discussion will help us understand a major oil and gas development in western Wyoming and provide us insight on what worked and what didn't work well over 17 years of monitoring and management there. The science completed for large mammal communities associated with that development was one of the better case examples with regard to major oil and gas developments in North America, even though the outcome was not a positive one for wildlife.
- "Summary of wildlife-related research on the Coastal Plain of the ANWR, Alaska" provides background information on what is available based on recent research (2002-2017). <https://pubs.usgs.gov/of/2018/1003/ofr20181003.pdf>
- The annual summary report completed for the PCH by the Porcupine Caribou Technical Committee is found here. This document focuses on monitoring metrics used to better understand population trends. <http://pcmb.ca/PDF/ahm/2018%20Annual%20Harvest%20Meeting%20Documents/2017%20PCH%20Annual%20Summary%20Report.pdf>
- There are a host of other documents for the herd available at www.PCMB.ca under the Resources/Tools tab if you have a bunch of extra time!

Looking forward to a very informative workshop and seeing everyone on May 16-17th! Just a reminder that Canadian participants will be meeting again on May 18th; an agenda and

meeting information for that day will follow shortly.

Thanks again,

Shannon and Mike

Shannon Stotyn

Species at Risk Biologist
Canadian Wildlife Service
Environment and Climate Change Canada
91780 Alaska Highway
Whitehorse, YT, Canada Y1A 5X7
shannon.stotyn@ec.gc.ca
Telephone 867-667-3929
Cellular: 867-333-9891
Facsimile 867-393-7970
Government of Canada
Website www.ec.gc.ca

Shannon Stotyn

Biologiste d'Espèces en Péril
Service Canadien de la faune
Environnement et Changement Climatique Canada
91780 autoroute Alaska
Whitehorse, YT, Canada Y1A 5X7
shannon.stotyn@ec.gc.ca
Téléphone 867-667-3929
Cellulaire: 867-333-9891
Télécopieur 867-393-7970
Gouvernement du Canada
Site Web www.ec.gc.ca

To: Joanna Fox[joanna_fox@fws.gov]
From: Wendy Loya
Sent: 2018-05-07T15:27:39-04:00
Importance: Normal
Subject: RE: Link to 1002 FAQs for public inquiries
Received: 2018-05-07T15:27:47-04:00

Hi Joanna,

Let me know when you have completed your edits and I'll let Andrea know the draft is ready for consideration at HQ. I haven't had any feedback from Nicole, so we'll move ahead within FWS and circle her again before we share/use.

Thanks! Hope you had a good weekend,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Berendzen, Steve <steve_berendzen@fws.gov>
Sent: Monday, May 7, 2018 11:20 AM
To: Wendy Loya <Wendy_loya@fws.gov>
Cc: Joanna Fox <joanna_fox@fws.gov>; Andrea Medeiros <andrea_medeiros@fws.gov>
Subject: Re: Link to 1002 FAQs for public inquiries

Thanks, Wendy - I just reviewed the revised document and the changes look great! I'm good with it as is.

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907-456-0253

On Mon, May 7, 2018 at 8:50 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Hi Steve,

We drafted these in anticipation of the NOI release ~3 weeks ago. I drew the questions from the questions that staff submitted (which were detailed and extensive, so I have tried to capture the gist of some main points), so while exploration is sometimes part of the questions, the answers try to focus on how questions will be answered in the future through the EIS analysis. At the same time, with the seismic NEPA for exploration happening concurrently as of last week, it is probably worth explaining that up front. I'll take another go at them by 10am this morning.

Thank you,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program

US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Berendzen, Steve <steve_berendzen@fws.gov>
Sent: Monday, May 7, 2018 8:40 AM
To: Wendy Loya <Wendy_loya@fws.gov>
Cc: Joanna Fox <joanna_fox@fws.gov>; Andrea Medeiros <andrea_medeiros@fws.gov>
Subject: Re: Link to 1002 FAQs for public inquiries

Wendy,

Have you looked at this version of the FAQ's? It's still pretty rough, and dated from when the EIS was still focused on exploration. I can take a shot at it, but I'd like you or others to do a review of my edits before it goes to HQ. I'll try to do it online.

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907-456-0253

On Fri, May 4, 2018 at 2:40 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Hi Steve and Joanna,

Andrea will send this document up to HQ for consideration on Monday afternoon. Please have a look and add any questions or edits you see fit by Monday noon, and Andrea will send it off in the afternoon before she leaves for NCTC Tues-Fri. I'll also send link to Nicole.

https://docs.google.com/document/d/118IY7ln1zCCQazFAAqAd0P4D3En-4IoHhhhy45wfRPI/edit?usp_sharing

Thank you!
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: Wendy Loya[Wendy_loya@fws.gov]
From: Fox, Joanna
Sent: 2018-05-07T16:11:02-04:00
Importance: Normal
Subject: Re: Link to 1002 FAQs for public inquiries
Received: 2018-05-07T16:11:52-04:00

Hi Wendy,
The cleaned up version I just reviewed looks good to me, and I don't have anything to add.
Thanks much for helping us move this forward!

Joanna

Joanna L. Fox
Deputy Refuge Manager
Arctic National Wildlife Refuge
101 12th Avenue, Room 236
Fairbanks, AK 99701
(907) 456-0549

Follow us on Facebook!
www.facebook.com/arcticonationalwildliferefuge

"Do what you can, with what you have, where you are." -- Theodore Roosevelt

On Mon, May 7, 2018 at 11:27 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Joanna,

Let me know when you have completed your edits and I'll let Andrea know the draft is ready for consideration at HQ. I haven't had any feedback from Nicole, so we'll move ahead within FWS and circle her again before we share/use.

Thanks! Hope you had a good weekend,

Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska

0000009316

907.786.3532 (office)

907.277.2942 (mobile)

From: Berendzen, Steve <steve_berendzen@fws.gov>
Sent: Monday, May 7, 2018 11:20 AM
To: Wendy Loya <Wendy_loya@fws.gov>
Cc: Joanna Fox <joanna_fox@fws.gov>; Andrea Medeiros <andrea_medeiros@fws.gov>
Subject: Re: Link to 1002 FAQs for public inquiries

Thanks, Wendy - I just reviewed the revised document and the changes look great! I'm good with it as is.

Steve Berendzen

Refuge Manager, Arctic National Wildlife Refuge

907-456-0253

On Mon, May 7, 2018 at 8:50 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Steve,

We drafted these in anticipation of the NOI release ~3 weeks ago. I drew the questions from the questions that staff submitted (which were detailed and extensive, so I have tried to capture the gist of some main points), so while exploration is sometimes part of the questions, the answers try to focus on how questions will be answered in the future through the EIS analysis. At the same time, with the seismic NEPA for exploration happening concurrently as of last week, it is probably worth explaining that up front. I'll take another go at them by 10am this morning.

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

0000009317

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Berendzen, Steve <steve_berendzen@fws.gov>
Sent: Monday, May 7, 2018 8:40 AM
To: Wendy Loya <Wendy_loya@fws.gov>
Cc: Joanna Fox <joanna_fox@fws.gov>; Andrea Medeiros <andrea_medeiros@fws.gov>
Subject: Re: Link to 1002 FAQs for public inquiries

Wendy,

Have you looked at this version of the FAQ's? It's still pretty rough, and dated from when the EIS was still focused on exploration. I can take a shot at it, but I'd like you or others to do a review of my edits before it goes to HQ. I'll try to do it online.

Steve Berendzen

Refuge Manager, Arctic National Wildlife Refuge

907-456-0253

On Fri, May 4, 2018 at 2:40 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Steve and Joanna,

Andrea will send this document up to HQ for consideration on Monday afternoon. Please have a look and add any questions or edits you see fit by Monday noon, and Andrea will send it off in the afternoon before she leaves for NCTC Tues-Fri. I'll also send link to Nicole.

0000009318

https://docs.google.com/document/d/118IY7ln1zCCQazFAAqAd0P4D3En-4IoHhhhy45wfRPI/edit?usp_sharing

Thank you!

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

To: Wendy Loya[Wendy_loya@fws.gov]
Cc: Joanna Fox[joanna_fox@fws.gov]
From: Berendzen, Steve
Sent: 2018-05-07T16:39:12-04:00
Importance: Normal
Subject: Re: FW: EA
Received: 2018-05-07T16:39:19-04:00

Thanks, Wendy - yes we can likely use it for the EA drafting.

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

On Mon, May 7, 2018 at 12:29 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Please read Stephanie's email below regarding the attached EA for the Rule Change from last fall. It was for a different purpose than a seismic permit and was not final, but has relevant information to help with the SAE application.

From: Brady, Stephanie <stephanie_brady@fws.gov>
Sent: Wednesday, May 2, 2018 9:01 AM
To: Wendy Loya <wendy_loya@fws.gov>
Subject: Fwd: EA

Here is the last version that I have - please do not distribute further. This was never completed so it is still in draft form. Stephanie

stephanie_brady@fws.gov | Branch Chief, Conservation Planning and Policy |

U.S. Fish and Wildlife Service | National Wildlife Refuge System | Alaska |

907.306.7448

<https://sites.google.com/a/fws.gov/alaska-region-office-of-conservation-planning-policy/home> (DOI employees)

0000009320

To: Wendy Loya[Wendy_loya@fws.gov]
From: O'Dell, Patrick
Sent: 2018-05-07T16:42:05-04:00
Importance: Normal
Subject: Re: 1002 Seismic exploration application
Received: 2018-05-07T16:42:15-04:00

Thanks Wendy...I will do that.

Pat O'Dell
Petroleum Engineer
National Wildlife Refuge System
Division of Natural Resources
Office: 303-236-4365
Mobile: 303-204-9439
patrick_odell@fws.gov

On Mon, May 7, 2018 at 2:35 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Pat,

FYI... If you'd like to reply or be included on future correspondence regarding the seismic application that has been submitted for the 1002 area, please let Joanna Fox know, she'll be the FWS POC for the Seismic NEPA process (BLM lead) ...

From: Fox, Joanna <joanna_fox@fws.gov>
Sent: Monday, May 7, 2018 12:06 PM
To: Alfredo Soto <alfredo_soto@fws.gov>; Christopher Latty <christopher_latty@fws.gov>; Burkart, Greta <greta_burkart@fws.gov>; Stephen Arthur <stephen_arthur@fws.gov>; Roger Kaye <Roger_Kaye@fws.gov>; Joshua Rose <joshua_rose@fws.gov>; Sarah Conn <sarah_conn@fws.gov>; Swem, Ted <ted_swem@fws.gov>; Jennifer Reed <jennifer_reed@fws.gov>; John Martin <John_W_Martin@fws.gov>; Hollis Twitchell <hollis_twitchell@fws.gov>; Steve Berendzen <steve_berendzen@fws.gov>; John Trawicki <john_trawicki@fws.gov>
Cc: Bud Cribley <bud_cribley@fws.gov>; Wendy Loya <wendy_loya@fws.gov>; Lynnda Kahn <lynnda_kahn@fws.gov>; stephanie_brady <stephanie_brady@fws.gov>; Mitch Ellis <mitch_ellis@fws.gov>
Subject: Information Request - deadline: noon, Thursday, May 10

Good morning,

I will be coordinating a response to Donna's request for any additional information we believe is needed to fully evaluate the proposed seismic exploration action we discussed last Friday. I

0000009321

have attached the non-proprietary application for your convenience. Please review carefully and provide me any questions or additional information needs you'd like us to request of the applicant by noon Thursday, May 10. I'll compile what I receive into a single response, which will be provided to Donna by the Friday, May 11 deadline.

If I have missed anyone we should be seeking input from, please let me know.

Thank you!

Joanna

Joanna L. Fox

Deputy Refuge Manager

Arctic National Wildlife Refuge

101 12th Avenue, Room 236

Fairbanks, AK 99701

(907) 456-0549

Follow us on Facebook!

www.facebook.com/arcticnationalwildliferefuge

"Do what you can, with what you have, where you are." -- Theodore Roosevelt

----- Forwarded message -----

From: **Wixon, Donna** <dwixon@blm.gov>

Date: Mon, May 7, 2018 at 10:37 AM

Subject: Information Request - DD Friday May 11

To: Alfredo Soto <alfredo_soto@fws.gov>, Mitch Ellis <Mitch_ellis@fws.gov>, Bud Cribley <bud_cribley@fws.gov>, Christopher Latty <christopher_latty@fws.gov>, Cindy Hamfler <chamfler@blm.gov>, Debbie <dnigro@blm.gov>, Greta Burkart

<greta_burkart@fws.gov>, Joanna Fox <joanna_fox@fws.gov>, John Trawicki <john_trawicki@fws.gov>, Joseph Keeney <jkeeney@blm.gov>, Joshua Rose <joshua_rose@fws.gov>, kdebenham <kdebenham@blm.gov>, Lonnie Bryant <lbryant@blm.gov>, Lynnda Kahn <lynnda_kahn@fws.gov>, Matthew Whitman <mwhitman@blm.gov>, me <dwixon@blm.gov>, Randy Goodwin <rgoodwin@blm.gov>, Richard Kemnitz <rkemnitz@blm.gov>, Robert Brumbaugh <rbrumbau@blm.gov>, Roger Kaye <roger_kaye@fws.gov>, Sarah Conn <sarah_conn@fws.gov>, Sarah LaMarr <slamarr@blm.gov>, Serena Sweet <ssweet@blm.gov>, Shelly Jacobson <njones@blm.gov>, Stacey <sfritz@blm.gov>, Stephanie Brady <stephanie_brady@fws.gov>, Stephen Arthur <stephen_arthur@fws.gov>, Steve Berendzen <steve_berendzen@fws.gov>, Ted Murphy <t75murph@blm.gov>, Ted Swem <ted_swem@fws.gov>, Terra Meares <tmeares@blm.gov>, Wendy Loya <Wendy_loya@fws.gov>, Timothy Vosburgh <tvosburgh@blm.gov>

Duplicate - part of BLM consult

Thank-you,

Donna

Donna L Wixon

Natural Resource Specialist

BLM Arctic District Office

222 University Ave

0000009323

Fairbanks, Alaska 99709

907-474-2301 Office

907-474-2386 Fax

dwixon@blm.gov

To: Jones, Nichelle (Shelly)[njones@blm.gov]
Cc: Fox, Joanna[joanna_fox@fws.gov]; Loya, Wendy[wendy_loya@fws.gov]; Stephanie Brady[stephanie_brady@fws.gov]; Kahn, Lynnda[lynnda_kahn@fws.gov]; Bud Cribley[bcribley@blm.gov]
From: Berendzen, Steve
Sent: 2018-05-07T21:15:03-04:00
Importance: Normal
Subject: Re: Weekly Meeting to Discuss Seismic EA
Received: 2018-05-07T21:15:08-04:00

Shelly,
Having this discussion as a follow up to our 2:00 Tuesday Coordination meeting sounds like a good idea to me. We might be able to join you in your office if that works for you. I don't know what other refuge staff we would include at this time, but we might have some of our regional office staff who want to sit in on our discussion and they could stay on the call to join in if desired.

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

On Mon, May 7, 2018 at 4:33 PM, Jones, Nichelle (Shelly) <njones@blm.gov> wrote:

consult w/ BLM
[Redacted]

[Redacted]

[Redacted]

-Shelly

Shelly Jones
Acting Manager
Arctic District Office
222 University Avenue
Fairbanks, AK 99709

(907) 474-2310 (w)

(907) 460 0086 (c)

To: John Trawicki[john_trawicki@fws.gov]
From: Wendy Loya
Sent: 2018-05-09T19:23:10-04:00
Importance: Normal
Subject: Review please: scoping request letter
Received: 2018-05-09T19:23:19-04:00
Request for Scoping Comments from FWS Staff for the Coastal Plain Leasing EIS.docx

Merci!

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: John Trawicki[john_trawicki@fws.gov]
From: Wendy Loya
Sent: 2018-05-09T19:26:21-04:00
Importance: Normal
Subject: UPDATED VERSION Review please: scoping request letter
Received: 2018-05-09T19:26:30-04:00
[Request for Scoping Comments from FWS Staff for the Coastal Plain Leasing EIS.docx](#)

Ignore the other, I forgot to include the link to the google doc. We should discuss whether we have one doc, or separate docs by division?

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Wendy Loya <Wendy_loya@fws.gov>
Sent: Wednesday, May 9, 2018 3:23 PM
To: John Trawicki <john_trawicki@fws.gov>
Subject: Review please: scoping request letter

Merci!

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: Wendy Loya[wendy_loya@fws.gov]
From: Leonard, Paul
Sent: 2018-05-09T21:12:51-04:00
Importance: Normal
Subject: Snow - CRU
Received: 2018-05-09T21:13:31-04:00
Statement of Work Snow.docx

I drafted up a SOW for this after speaking with Brad.
The potential is there but a few missing pieces. Happy to flesh out details with you in the AM.

If you have a chance, will you please be the first to review this SOW? I want to make sure we are on the same page before passing it along to the coop.

Thanks so much.

Cheers,
Paul

--

Paul Leonard, PhD
Science Coordinator
Arctic LCC
101 12th Ave. Room 216
Fairbanks, AK 99701
(907) 456-0445

To: Wendy Loya[wendy_loya@fws.gov]; Berendzen, Steve[steve_berendzen@fws.gov]; Ellis, Mitch[mitch_ellis@fws.gov]; Lor, Socheata[socheata_lor@fws.gov]; Doug Damberg[doug_damberg@fws.gov]
From: Siekaniec, Greg
Sent: 2018-05-10T12:29:45-04:00
Importance: Normal
Subject: Fwd: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
Received: 2018-05-10T12:30:36-04:00
[AK 18-16-Coastal Plain Public Meeting Schedule Final.docx](#)

Scoping schedule for Arctic Refuge Coastal plain EIS.

----- Forwarded message -----

From: Mouritsen, Karen <kmourits@blm.gov>
Date: Thu, May 10, 2018 at 8:17 AM
Subject: Fwd: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
To: Greg Siekaniec <greg_siekaniec@fws.gov>, "Cribley, Bud" <bud_cribley@fws.gov>

Karen E. Mouritsen
Acting State Director for BLM-Alaska
phone 907-271-5080
cell 202-329-2030

----- Forwarded message -----

From: Communications, BLM_AK <blm_ak_communications@blm.gov>
Date: Wed, May 9, 2018 at 2:59 PM
Subject: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
To:



News Release

BLM, Alaska State Office, Office of Communications
222 W. 7th Avenue #13, Anchorage AK 99513-7504

News Release No. 18-16

FOR IMMEDIATE RELEASE

Date: May 9, 2018

Contact: Lesli Ellis-Wouters (907) 271-4418; lellis@blm.gov

BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS

ANCHORAGE The Bureau of Land Management is engaging communities across Alaska in person to gather relevant comments, concerns and/or issues pertaining to the development of the Coastal Plain Oil and Gas Leasing Program Environmental Impact Statement (EIS). The BLM will host meetings in communities in and near the program area and additional meetings in Anchorage, Fairbanks, Utqiagvik and Washington D.C. The meetings in Anchorage and Fairbanks will be livestreamed to reach a broader audience.

At the meetings, the BLM seeks to identify relevant comments, concerns and/or issues that will influence the scope of the EIS and guide its development, including the formation of alternatives to the proposed action within the parameters outlined in the 2017 Tax Cuts and Jobs Act (Tax Act). The complete meeting schedule is available at the project website at www.blm.gov/alaska/coastal-plain-eis.

Those unable to attend one of the meetings are encouraged to participate via BLM's project website, which includes a project area map and frequently asked questions. Comments can be submitted via the project website or email to blm_ak_coastalplain_eis@blm.gov. BLM will accept comments through June 19, 2018.

"We have already received a substantial amount of input on this project and look forward to these meetings and listening to the concerns people have," said Acting State Director Karen Mouritsen. "It's important that we take the time to gather all the relevant issues to guide our environmental analysis of the Coastal Plain. We realize the importance of this place to not only Alaskans, but the nation in its quest to responsibly develop our natural resources and achieve energy dominance."

Meetings are scheduled in Anchorage, Fairbanks, and Washington, D.C. from 4:30 p.m. to 9 p.m. The Fairbanks meeting will take place May 29 at the Carlson Center at 2010 2nd. Ave., in Fairbanks and the Anchorage meeting will take place May 30 at the Dena'ina Center located at 600 W. 7th Ave. The Washington, D.C. meeting will take place June 15 at the National Housing Center located at 1201 15th St., NW. There will be scheduled speaking spots for representatives of interested organizations and/or governments. All meetings will afford the public an opportunity to provide input on the process and anyone wishing to provide public comments will need to sign up in person. Public meeting procedures will be available on the BLM Alaska website at www.blm.gov/alaska. The Fairbanks and Anchorage events can be viewed live at www.blm.gov/live. Computers will be available for the public to comment electronically.

Meetings for Kaktovik, Arctic Village, Utqiagvik, and Venetie are as follows:

May 22: Kaktovik Community Hall 6:30 p.m.
May 24: Arctic Village Community Hall 10 a.m.
May 31: Utqiagvik Iñupiat Heritage Center 5 p.m.

June 12: Venetie Village of Venetie Tribal Hall 10 a.m.

The Leasing EIS will serve to inform the BLM's implementation of the Tax Act, including the requirement to hold not fewer than two lease sales area-wide. It may also inform post-lease activities, including seismic and drilling exploration, development, and transportation of oil and gas in and from the Coastal Plain. Specifically, the Leasing EIS will consider and analyze the potential environmental impacts of various leasing alternatives, including the areas to offer for sale, and the terms and conditions (i.e., lease stipulations and best management practices) to be applied to leases and associated oil and gas activities to properly balance oil and gas development with existing uses and conservation of surface resources, and to limit the footprint of production and support facilities on Federal lands to no more than 2,000 surface acres. The area comprising the Coastal Plain includes approximately 1.6 million acres within the approximately 19.3 million-acre Arctic National Wildlife Refuge.

###

The BLM manages more than 245 million acres of public land located primarily in 12 Western states, including Alaska. The BLM also administers 700 million acres of sub-surface mineral estate throughout the nation. The agency's mission is to sustain the health, diversity, and productivity of America's public lands for the use and enjoyment of present and future generations. Diverse activities authorized on these lands generated \$75 billion in sales of goods and services throughout the American economy in fiscal year 2016 more than any other agency in the Department of the Interior. These activities supported more than 372,000 jobs.

To: Wendy Loya[wendy_loya@fws.gov]; Ellis, Mitch[mitch_ellis@fws.gov]; Berendzen, Steve[steve_berendzen@fws.gov]
From: Siekaniec, Greg
Sent: 2018-05-10T15:09:01-04:00
Importance: Normal
Subject: Fwd: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
Received: 2018-05-10T15:09:44-04:00
[AK 18-16-Coastal Plain Public Meeting Schedule Final.docx](#)

FYI likely already in your inbox. Sorry if multiple postings.

greg

----- Forwarded message -----

From: Communications, BLM_AK <blm_ak_communications@blm.gov>
Date: Wed, May 9, 2018 at 2:59 PM
Subject: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
To:



News Release

BLM, Alaska State Office, Office of Communications
222 W. 7th Avenue #13, Anchorage AK 99513-7504

News Release No. 18-16

FOR IMMEDIATE RELEASE

Date: May 9, 2018

Contact: Lesli Ellis-Wouters (907) 271-4418; lellis@blm.gov

BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS

ANCHORAGE The Bureau of Land Management is engaging communities across Alaska in person to gather relevant comments, concerns and/or issues pertaining to the development of the Coastal Plain Oil and Gas Leasing Program Environmental Impact Statement (EIS). The BLM will host meetings in communities in and near the program area and additional meetings in Anchorage, Fairbanks, Utqiagvik and Washington D.C. The meetings in Anchorage and Fairbanks will be livestreamed to reach a broader audience.

At the meetings, the BLM seeks to identify relevant comments, concerns and/or issues that

will influence the scope of the EIS and guide its development, including the formation of alternatives to the proposed action within the parameters outlined in the 2017 Tax Cuts and Jobs Act (Tax Act). The complete meeting schedule is available at the project website at www.blm.gov/alaska/coastal-plain-eis.

Those unable to attend one of the meetings are encouraged to participate via BLM's project website, which includes a project area map and frequently asked questions. Comments can be submitted via the project website or email to blm_ak_coastalplain_eis@blm.gov. BLM will accept comments through June 19, 2018.

"We have already received a substantial amount of input on this project and look forward to these meetings and listening to the concerns people have," said Acting State Director Karen Mouritsen. "It's important that we take the time to gather all the relevant issues to guide our environmental analysis of the Coastal Plain. We realize the importance of this place to not only Alaskans, but the nation in its quest to responsibly develop our natural resources and achieve energy dominance."

Meetings are scheduled in Anchorage, Fairbanks, and Washington, D.C. from 4:30 p.m. to 9 p.m. The Fairbanks meeting will take place May 29 at the Carlson Center at 2010 2nd. Ave., in Fairbanks and the Anchorage meeting will take place May 30 at the Dena'ina Center located at 600 W. 7th Ave. The Washington, D.C. meeting will take place June 15 at the National Housing Center located at 1201 15th St., NW. There will be scheduled speaking spots for representatives of interested organizations and/or governments. All meetings will afford the public an opportunity to provide input on the process and anyone wishing to provide public comments will need to sign up in person. Public meeting procedures will be available on the BLM Alaska website at www.blm.gov/alaska. The Fairbanks and Anchorage events can be viewed live at www.blm.gov/live. Computers will be available for the public to comment electronically.

Meetings for Kaktovik, Arctic Village, Utqiagvik, and Venetie are as follows:

May 22: Kaktovik Community Hall 6:30 p.m.

May 24: Arctic Village Community Hall 10 a.m.

May 31: Utqiagvik Iñupiat Heritage Center 5 p.m.

June 12: Venetie Village of Venetie Tribal Hall 10 a.m.

The Leasing EIS will serve to inform the BLM's implementation of the Tax Act, including the requirement to hold not fewer than two lease sales area-wide. It may also inform post-lease activities, including seismic and drilling exploration, development, and transportation of oil and gas in and from the Coastal Plain. Specifically, the Leasing EIS will consider and analyze the potential environmental impacts of various leasing alternatives, including the areas to offer for sale, and the terms and conditions (i.e., lease stipulations and best management practices) to be applied to leases and associated oil and gas activities to properly balance oil and gas development with existing uses and conservation of surface resources, and to limit the footprint of production and support facilities on Federal lands to no more than 2,000 surface acres. The area comprising the Coastal Plain includes approximately 1.6 million acres within the approximately 19.3 million-acre Arctic National Wildlife Refuge.

###

The BLM manages more than 245 million acres of public land located primarily in 12 Western states, including Alaska. The BLM also administers 700 million acres of sub-surface mineral estate throughout the nation. The agency's mission is to sustain the health, diversity, and productivity of America's public lands for the use and enjoyment of present and future generations. Diverse activities authorized on these lands generated \$75 billion in sales of goods and services throughout the American economy in fiscal year 2016 more than any other agency in the Department of the Interior. These activities supported more than 372,000 jobs.

To: Sara Boario[sara_boario@fws.gov]; Andrea Medeiros[andrea_medeiros@fws.gov]
From: Wendy Loya
Sent: 2018-05-10T16:44:34-04:00
Importance: Normal
Subject: FW: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
Received: 2018-05-10T16:44:44-04:00
[AK 18-16-Coastal Plain Public Meeting Schedule Final.docx](#)

Keeping you in the loop...public scoping dates listed below

----- Forwarded message -----

From: **Communications, BLM_AK** <blm_ak_communications@blm.gov>
Date: Wed, May 9, 2018 at 2:59 PM
Subject: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
To:



News Release

BLM, Alaska State Office, Office of Communications
222 W. 7th Avenue #13, Anchorage AK 99513-7504

News Release No. 18-16

FOR IMMEDIATE RELEASE

Date: May 9, 2018

Contact: Lesli Ellis-Wouters (907) 271-4418; lellis@blm.gov

BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS

ANCHORAGE The Bureau of Land Management is engaging communities across Alaska in person to gather relevant comments, concerns and/or issues pertaining to the development of the Coastal Plain Oil and Gas Leasing Program Environmental Impact Statement (EIS). The BLM will host meetings in communities in and near the program area and additional meetings in Anchorage, Fairbanks, Utqiagvik and Washington D.C. The meetings in Anchorage and Fairbanks will be livestreamed to reach a broader audience.

At the meetings, the BLM seeks to identify relevant comments, concerns and/or issues that will influence the scope of the EIS and guide its development, including the formation of alternatives to the proposed action within the parameters outlined in the 2017 Tax Cuts and

Jobs Act (Tax Act). The complete meeting schedule is available at the project website at www.blm.gov/alaska/coastal-plain-eis.

Those unable to attend one of the meetings are encouraged to participate via BLM's project website, which includes a project area map and frequently asked questions. Comments can be submitted via the project website or email to blm_ak_coastalplain_eis@blm.gov. BLM will accept comments through June 19, 2018.

"We have already received a substantial amount of input on this project and look forward to these meetings and listening to the concerns people have," said Acting State Director Karen Mouritsen. "It's important that we take the time to gather all the relevant issues to guide our environmental analysis of the Coastal Plain. We realize the importance of this place to not only Alaskans, but the nation in its quest to responsibly develop our natural resources and achieve energy dominance."

Meetings are scheduled in Anchorage, Fairbanks, and Washington, D.C. from 4:30 p.m. to 9 p.m. The Fairbanks meeting will take place May 29 at the Carlson Center at 2010 2nd. Ave., in Fairbanks and the Anchorage meeting will take place May 30 at the Dena'ina Center located at 600 W. 7th Ave. The Washington, D.C. meeting will take place June 15 at the National Housing Center located at 1201 15th St., NW. There will be scheduled speaking spots for representatives of interested organizations and/or governments. All meetings will afford the public an opportunity to provide input on the process and anyone wishing to provide public comments will need to sign up in person. Public meeting procedures will be available on the BLM Alaska website at www.blm.gov/alaska. The Fairbanks and Anchorage events can be viewed live at www.blm.gov/live. Computers will be available for the public to comment electronically.

Meetings for Kaktovik, Arctic Village, Utqiagvik, and Venetie are as follows:

May 22: Kaktovik Community Hall 6:30 p.m.

May 24: Arctic Village Community Hall 10 a.m.

May 31: Utqiagvik Iñupiat Heritage Center 5 p.m.

June 12: Venetie Village of Venetie Tribal Hall 10 a.m.

The Leasing EIS will serve to inform the BLM's implementation of the Tax Act, including the requirement to hold not fewer than two lease sales area-wide. It may also inform post-lease activities, including seismic and drilling exploration, development, and transportation of oil and gas in and from the Coastal Plain. Specifically, the Leasing EIS will consider and analyze the potential environmental impacts of various leasing alternatives, including the areas to offer for sale, and the terms and conditions (i.e., lease stipulations and best management practices) to be applied to leases and associated oil and gas activities to properly balance oil and gas development with existing uses and conservation of surface resources, and to limit the footprint of production and support facilities on Federal lands to no more than 2,000 surface acres. The area comprising the Coastal Plain includes approximately 1.6 million acres within the approximately 19.3 million-acre Arctic National Wildlife Refuge.

###

The BLM manages more than 245 million acres of public land located primarily in 12 Western states, including Alaska. The BLM also administers 700 million acres of sub-surface mineral estate throughout the nation. The agency's mission is to sustain the health, diversity, and productivity of America's public lands for the use and enjoyment of present and future generations. Diverse activities authorized on these lands generated \$75 billion in sales of goods and services throughout the American economy in fiscal year 2016 more than any other agency in the Department of the Interior. These activities supported more than 372,000 jobs.

To: BLM_AK CoastalPlain_EIS[blm_ak_coastalplain_eis@blm.gov]
From: scottle@blm.gov
Sent: 2018-05-10T17:19:24-04:00
Importance: Normal
Subject: Notice for Scoping Meetings - Coastal Plain Oil and Gas Leasing Program Environmental Impact Statement
Received: 2018-05-10T17:19:41-04:00



Notice for Public Scoping Meetings

Please forward this to anyone you think may be interested!

The Bureau of Land Management (BLM) invites you to attend a public scoping meeting to identify issues for the **Coastal Plain Oil and Gas Leasing Program Environmental Impact Statement (EIS)**. At the meetings, the BLM seeks to identify relevant comments, concerns and/or issues that will influence the scope of the EIS and guide its development, including the formation of alternatives to the proposed action within the parameters outlined in the 2017 Tax Cuts and Jobs Act (Tax Act).

The complete meeting schedule is available at the project website at www.blm.gov/alaska/coastal-plain-eis. Those unable to attend a meeting are encouraged to participate via the project website, which includes a project map, a place to submit comments, and frequently asked questions. Comments and input may also be submitted by email to blm_ak_coastalplain_eis@blm.gov through **June 19, 2018**. For more information or special needs requests, please contact Nicole Hayes at (907) 271-4354, email blm_ak_coastalplain_eis@blm.gov, or visit the project website listed above.

Kaktovik: Tuesday May 22

6:30 pm, Community Hall

Arctic Village: Thursday, May 24

10:00 am, Community Hall

Fairbanks: Tuesday May 29

Carlson Center, 2010 2nd Ave.

3:00-4:30pm open house, followed a presentation and comment period until 9:00pm.

Anchorage: Wednesday May 30

Dena'ina Center, 600 W. 7th Ave.

3:00-4:30pm open house, followed by a presentation and comment period until 9:00pm.

Utqiagvik: Thursday, May 31

5:00 pm, Iñupiat Heritage Center

Venetie: Tuesday, June 12

10:00 am, Community Hall

Washington, DC: Friday, June 15

National Housing Center, 1201 15th St., NW

3:00-4:30pm open house, followed by a presentation and comment period until 9:00pm.

Meeting dates, times, and locations are subject to change. Please check the project website for updates.

To: Charles Hamilton[charles_hamilton@fws.gov]
From: Wendy Loya
Sent: 2018-05-10T17:33:26-04:00
Importance: Normal
Subject: RE: Request for Scoping Comments from FWS Staff for the Arctic Refuge Coastal Plain Leasing EIS
Received: 2018-05-10T17:33:31-04:00

Charlie,

Can you give me a ring? X3532

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Hamilton, Charles <charles_hamilton@fws.gov>
Sent: Thursday, May 10, 2018 1:32 PM
To: Wendy Loya <Wendy_loya@fws.gov>
Subject: Re: Request for Scoping Comments from FWS Staff for the Arctic Refuge Coastal Plain Leasing EIS

Hi Wendy,

Since I am not participating in these meetings could you please take me off the email chains. Thanks.

On Thu, May 10, 2018 at 1:28 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Dear colleagues,

Thank you to those of you that were able to participate in the BLM Scoping meeting for Cooperating Agencies on May 3rd, and for sharing your expertise with the EIS Project Manager (Nicole Hayes) and contractor (EMPSi) and sub-contractors (ABR, Steven R Braund & Assoc, Northern Economics, ABR, HDR and DOWL).

Although the contractor took notes, including detailed notes on a laptop and more generalized notes on flip charts, the FWS has decided to submit written scoping comments. We invite you to submit concise, substantive comments on issues within or related to your area of expertise that should be considered for evaluation in the EIS. We especially want to highlight the most pressing issues and unique nature of the Arctic Refuge that should be described and evaluated. See the google doc for more info.

Please enter your comments in the following Google Doc (please do not delete others'

comments):

https://docs.google.com/document/d/1sZhCAKBC7m0E6HUF_60kSCVJY7xn6lANn1hwZUxW-y4/edit#heading_h.gjdgxs

Please have your comments entered by June 1. Let your division point of contact know ASAP if that date is unattainable and we'll try to make alternative plans for receiving your comments. The program points of contact will review entries for duplication or clarity and submit to the Regional Director for signature and submission by the June 19th scoping deadline.

For your information the Service provided the BLM and EMPSi a PDF binder of the Resource Assessments and Select FWS Bibliography, which you can access here:
https://drive.google.com/file/d/1_124q-WQ6QnPehIZa84yENIxM4UPnzp-/view?usp_sharing

Again, thank you all!

Wendy (Regional POC)
Steve & Joanna (Arctic Refuge)
John Trawicki (NWRS)
Drew Crane (FES)
Carl Johnson (OSM)
Eric Taylor (MBM)

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

--

Regards,

Charles S. Hamilton
Special Assistant
Marine Mammals Management
U.S. Fish and Wildlife Service
1011 East Tudor Rd., MS-341
Anchorage, AK 99503
Voice: (907) 786-3804
FAX: (907) 786 - 3816

To: Paul Leonard[paul_leonard@fws.gov]
From: Wendy Loya
Sent: 2018-05-10T17:48:18-04:00
Importance: Normal
Subject: Statement of Work_Snow wml.docx
Received: 2018-05-10T17:48:27-04:00
Statement of Work_Snow wml.docx

Some preliminary edits, think it looks good to share with the experts when you are ready

To: Wendy Loya[Wendy_loya@fws.gov]
Cc: Andrea Medeiros[andrea_medeiros@fws.gov]
From: Sara Boario
Sent: 2018-05-10T18:00:19-04:00
Importance: Normal
Subject: Re: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
Received: 2018-05-10T18:00:30-04:00

Thanks Wendy!

Sent from my iPhone

On May 10, 2018, at 12:44 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Keeping you in the loop...public scoping dates listed below

----- Forwarded message -----

From: **Communications, BLM_AK** <blm_ak_communications@blm.gov>
Date: Wed, May 9, 2018 at 2:59 PM
Subject: BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS
To:

<image001.png>

News Release

BLM, Alaska State Office, Office of Communications
No. 18-16
222 W. 7th Avenue #13, Anchorage AK 99513-7504

News Release

FOR IMMEDIATE RELEASE
2018

Date: May 9,

Contact: Lesli Ellis-Wouters (907) 271-4418; lellis@blm.gov

BLM announces public meeting schedule for Coastal Plain Oil and Gas Leasing Program EIS

ANCHORAGE The Bureau of Land Management is engaging communities across Alaska in person to gather relevant comments, concerns and/or issues pertaining to the development of the Coastal Plain Oil and Gas Leasing Program Environmental Impact Statement (EIS). The BLM will host meetings in

communities in and near the program area and additional meetings in Anchorage, Fairbanks, Utqiagvik and Washington D.C. The meetings in Anchorage and Fairbanks will be livestreamed to reach a broader audience.

At the meetings, the BLM seeks to identify relevant comments, concerns and/or issues that will influence the scope of the EIS and guide its development, including the formation of alternatives to the proposed action within the parameters outlined in the 2017 Tax Cuts and Jobs Act (Tax Act). The complete meeting schedule is available at the project website at www.blm.gov/alaska/coastal-plain-eis.

Those unable to attend one of the meetings are encouraged to participate via BLM's project website, which includes a project area map and frequently asked questions. Comments can be submitted via the project website or email to blm_ak_coastalplain_eis@blm.gov. BLM will accept comments through June 19, 2018.

"We have already received a substantial amount of input on this project and look forward to these meetings and listening to the concerns people have," said Acting State Director Karen Mouritsen. "It's important that we take the time to gather all the relevant issues to guide our environmental analysis of the Coastal Plain. We realize the importance of this place to not only Alaskans, but the nation in its quest to responsibly develop our natural resources and achieve energy dominance."

Meetings are scheduled in Anchorage, Fairbanks, and Washington, D.C. from 4:30 p.m. to 9 p.m. The Fairbanks meeting will take place May 29 at the Carlson Center at 2010 2nd. Ave., in Fairbanks and the Anchorage meeting will take place May 30 at the Dena'ina Center located at 600 W. 7th Ave. The Washington, D.C. meeting will take place June 15 at the National Housing Center located at 1201 15th St., NW. There will be scheduled speaking spots for representatives of interested organizations and/or governments. All meetings will afford the public an opportunity to provide input on the process and anyone wishing to provide public comments will need to sign up in person. Public meeting procedures will be available on the BLM Alaska website at www.blm.gov/alaska. The Fairbanks and Anchorage events can be viewed live at www.blm.gov/live. Computers will be available for the public to comment electronically.

Meetings for Kaktovik, Arctic Village, Utqiagvik, and Venetie are as follows:

May 22: Kaktovik Community Hall 6:30 p.m.
May 24: Arctic Village Community Hall 10 a.m.
May 31: Utqiagvik Iñupiat Heritage Center 5 p.m.
June 12: Venetie Village of Venetie Tribal Hall 10 a.m.

The Leasing EIS will serve to inform the BLM's implementation of the Tax Act, including the requirement to hold not fewer than two lease sales area-wide. It may

also inform post-lease activities, including seismic and drilling exploration, development, and transportation of oil and gas in and from the Coastal Plain. Specifically, the Leasing EIS will consider and analyze the potential environmental impacts of various leasing alternatives, including the areas to offer for sale, and the terms and conditions (i.e., lease stipulations and best management practices) to be applied to leases and associated oil and gas activities to properly balance oil and gas development with existing uses and conservation of surface resources, and to limit the footprint of production and support facilities on Federal lands to no more than 2,000 surface acres. The area comprising the Coastal Plain includes approximately 1.6 million acres within the approximately 19.3 million-acre Arctic National Wildlife Refuge.

###

The BLM manages more than 245 million acres of public land located primarily in 12 Western states, including Alaska. The BLM also administers 700 million acres of sub-surface mineral estate throughout the nation. The agency's mission is to sustain the health, diversity, and productivity of America's public lands for the use and enjoyment of present and future generations. Diverse activities authorized on these lands generated \$75 billion in sales of goods and services throughout the American economy in fiscal year 2016 more than any other agency in the Department of the Interior. These activities supported more than 372,000 jobs.

<AK 18-16-Coastal Plain Public Meeting Schedule Final.docx>

To: Wendy Loya[Wendy_loya@fws.gov]
Cc: Karen Clark[karen_clark@fws.gov]; Steve Berendzen[steve_berendzen@fws.gov]
From: Greg Siekaniec
Sent: 2018-05-10T23:14:47-04:00
Importance: Normal
Subject: Re: FWS representation at Arctic Village and Venetie Scoping
Received: 2018-05-10T23:14:52-04:00

Hi Wendy,
Can we discuss Friday morning?

Thanks,

Greg

Sent from my iPhone

On May 10, 2018, at 2:24 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Greg,

This is in response to this info from BLM (Nicole): I will not be told until Monday who is going to be part of the final manifest, but as of right now there are 3 VIPs (Balash, Wacko, Kate Macgregor (Dep ASLM), 2 BLMs(Karen M, Nicole), and 2 Contractors (Chad (lead) & Braund Assoc (subsistence)) taking up seats on the chartered. Since we will only have 8 seats this will only leave 1 seat for FWS. I just wanted to provide a heads up if there is a need for FWS to either identify one person to go via BLM charter and if additional people could consider trying to be at the locations via commercial flights.

We are trying to figure out who gets the lucky seat on the BLM charter flight for the Kaktovik (May 22nd) and Arctic Village (May 24th) public scoping and G-to-G consultation meetings. Steve and I discussed this today, and believe the recommendation should be for him, as Refuge Manager, to be present all meetings and to be the primary FWS representative, and thus take that seat as the only way to attend both.

Hollis had been recommended for G-to-G in preliminary conversations. He could attend one by commercial flight (we recommend Arctic Village) or possibly both, if he were able to fly himself -weather permitting. Steve has expressed a desire that you or someone from the RO (e.g. Mitch) attend as many as possible, and your wishes need to be brought into consideration...so we need to know where you want to go. You, and anyone else wanting to attend, could attend either AV or Kaktovik via commercial flights, but not both unless you hopped in the plane with Hollis.

Not sure if there will be a charter to Utqiagvik on 31st and Venetie on 6/12, but those are far enough apart that commercial flights are viable.

With all that info, I am looking for your thoughts on Steve as our primary representative at scoping and G2G in Kaktovik and Arctic Village. If you agree, then I

request you send something like the following statement to Karen M and cc Nicole (mnhayes@blm.gov) at BLM by Monday, so they have that info in their Monday call with DOI regarding the final manifest. If you don't agree, let me know your thoughts and I can revise....

I understand that there may be space for one FWS representative on a flight chartered for the public scoping and government to government consultations regarding the Coastal Plain EIS. It is my recommendation that the Manager of the Arctic Refuge, Mr. Steve Berendzen, be assigned that seat. Steve will best be able to represent the FWS in answering questions related to the fish, wildlife and lands of the Coastal Plain and the other purposes of the Refuge, as well as respond to questions about other activities permitted by FWS in the Refuge. Mr. Hollis Twitchell, Assistant Refuge Manager, will try to fly to both meetings independently, but if he is unable to fly due to weather or other constraints, he will take a commercial flight to Arctic Village and be available for government to government consultation there.

Thank you Greg!

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: Wixon, Donna[dwixon@blm.gov]
Cc: Alfredo Soto[alfredo_soto@fws.gov]; Bud Cribley[bud_cribley@fws.gov]; Christopher Latty[christopher_latty@fws.gov]; Cindy Hamfler[chamfler@blm.gov]; Greta Burkart[greta_burkart@fws.gov]; John Trawicki[john_trawicki@fws.gov]; Joshua Rose[joshua_rose@fws.gov]; Lonnie Bryant[lbryant@blm.gov]; Lynnda Kahn[lynnda_kahn@fws.gov]; Mitch Ellis[Mitch_ellis@fws.gov]; Randy Brown[randy_j_brown@fws.gov]; Richard Kemnitz[rkemnitz@blm.gov]; Roger Kaye[roger_kaye@fws.gov]; Sarah Conn[sarah_conn@fws.gov]; Sarah LaMarr[slamarr@blm.gov]; Shelly Jacobson[njones@blm.gov]; Stephanie Brady[stephanie_brady@fws.gov]; Stephen Arthur[stephen_arthur@fws.gov]; Steve Berendzen[steve_berendzen@fws.gov]; Ted Murphy[t75murph@blm.gov]; Ted Swem[ted_swem@fws.gov]; Terra Meares[tmeares@blm.gov]; Timothy Vosburgh[tvosburgh@blm.gov]; Wendy Loya[Wendy_loya@fws.gov]
From: Fox, Joanna
Sent: 2018-05-11T16:23:51-04:00
Importance: Normal
Subject: Re: Seismic Application Questions Due today at the end of the day
Received: 2018-05-11T16:24:36-04:00

Hi Donna,

We are nearly done compiling all of the questions our resource specialists have. I hope to get them to you in a single document by mid-afternoon today.

Thank you,
Joanna

Joanna L. Fox
Deputy Refuge Manager
Arctic National Wildlife Refuge
101 12th Avenue, Room 236
Fairbanks, AK 99701
(907) 456-0549

Follow us on Facebook!
www.facebook.com/arcticonationalwildliferefuge

“Do what you can, with what you have, where you are.” -- Theodore Roosevelt

On Fri, May 11, 2018 at 12:05 PM, Wixon, Donna <dwixon@blm.gov> wrote:

Reminder: Any questions that you would like the applicant to answer in regard to the seismic plan of operations are due to me by the end of the day today.

Thanks,
Donna

Donna L Wixon
Natural Resource Specialist

0000009349

BLM Arctic District Office
222 University Ave
Fairbanks, Alaska 99709
907-474-2301 Office
907-474-2386 Fax
dwixon@blm.gov

To: Wendy Loya[wendy_loya@fws.gov]
From: Sterne, Charla
Sent: 2018-05-14T13:37:21-04:00
Importance: Normal
Subject: Re: 2019 QRP/SSP: process and timeline
Received: 2018-05-14T13:38:54-04:00
FY2019 PreProposalTemplate 20180514.docx

Here you go. In the e-mail that accompanies this template, should probably include the timeline (including a clearly stated deadline for the pre-proposals to be submitted); to whom they should be submitted, and the decision process (RDT to review pre-proposals and make the final decision).

On Tue, May 1, 2018 at 11:02 AM, Sterne, Charla <charla_sterne@fws.gov> wrote:

I hate bison connect - premature send....

Timeline (proposed):

May 1 - 30: Project review and id by POCs

Jun 1 - 22: Pre-proposal development

Jun 25 - Jul 6: RDT review and select

Jul 9 - Aug 9: Full proposal development

Aug 31: Proposals submitted to USGS (Wendy note: this deadline is 2 weeks later than I had remembered so the timeline has more wiggle room in it; we can adjust it)

Let me know if this looks right to you, Wendy. Sarena, let us know if you see any problems with what we have proposed.

Charla

On Tue, May 1, 2018 at 10:57 AM, Sterne, Charla <charla_sterne@fws.gov> wrote:

Wendy,

Here is some text describing the QRP/SSP opportunity to share with your POCs:

"Through the Science Support Program (SSP), USGS partners with USFWS to meet priority science needs identified by the USFWS. SSP funding can extend over multiple years (≤ 3) and involve research and/or technical assistance. Through the Quick Response Program (QRP), USGS provides funds to its scientists to respond quickly to immediate, current year research and technical assistance needs of the USFWS. QRP funding can only be used for short-duration projects (<18 months) that can be completed for no more than \$50,000."

The process: Wendy will reach out to her resource area POCs to review the complete list of projects, determine if anything major was missed, and then identify their top 1 (maybe 2)

projects that should be a good fit with QRP/SSP (USGS has expertise; project duration ≤ 3 years; total budget for FY19 doesn't exceed \$337,000). Pre-proposal template (attached) will be completed for each of the identified projects (should be no more than 6). RDT will select from among the pre-proposals. Leads for selected projects will develop full proposals which will be submitted to USGS around end-August.

To: Wendy Loya[Wendy_loya@fws.gov]
From: Guyer, Scott
Sent: 2018-05-14T14:54:21-04:00
Importance: Normal
Subject: Re: Land cover for 1002
Received: 2018-05-14T14:54:31-04:00

Ok, great! As I mentioned she is moving to a new position in Boise in late June so she's been in/out a bit recently I am sure she will get back with you. I will talk with her first chance I get.
Scott

On Mon, May 14, 2018 at 8:45 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Scott,

I did email Marlo on Friday, asking for help at least through June either from your current position as needed or as detail if she would prefer. If you want to follow up with her about how you see it fitting in, that might be helpful?

If I don't hear back from her today about discussing it, I'll give her a ring tomorrow.

Thanks! More soon,

wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Guyer, Scott <sguyer@blm.gov>
Sent: Monday, May 14, 2018 8:35 AM
To: Wendy Loya <Wendy_loya@fws.gov>
Subject: Land cover for 1002

Consult w/ BLM
[Redacted text block]

[Redacted text block]

--

Scott Guyer
Landscape Initiatives Coordinator
Alaska State Office
907-223-6759 (wk cell)

***"Not the victory but the action, Not the goal but the game,
In the deed the Glory!"***

--

Scott Guyer
Landscape Initiatives Coordinator
Alaska State Office
907-223-6759 (wk cell)

"Not the victory but the action, Not the goal but the game,

In the deed the Glory!"

To: Mary Colligan[mary_colligan@fws.gov]; Mitch Ellis[mitch_ellis@fws.gov]; Eric Taylor[eric_taylor@fws.gov]
Cc: Sarena Selbo[sarena_selbo@fws.gov]; Charla Sterne[charla_sterne@fws.gov]
From: Wendy Loya
Sent: 2018-05-14T15:08:35-04:00
Importance: Normal
Subject: Need to ID division lead for QRP/SSP process & timeline
Received: 2018-05-14T15:09:06-04:00
[FY2019 PreProposalTemplate 20180514.docx](#)

Hi Mary, Mitch and Eric,

The RDT decided to focus the funding from the USGS QRP/SSP program on science needs for the Arctic Refuge Coastal Plain (1002 Area) for the 2019 request.

There is \$337,746 available in 2019, so we are likely looking at ~1-3 projects to put forward, although projects can continue past 2019 and receive additional funds in 2020 and 2021.

Can you please identify the person on your staff that would best be able to work within your division, and across divisions as needed, to review the list of studies derived from the Resource Assessments and identify which study or studies within division expertise are a good fit for the QRP/SSP opportunity, including identifying a USGS research partner? The PI of the proposed project would then submit a pre-proposal, and the RDT will choose from the pre-proposals which project(s) would be advanced for full-proposal development and submission to USGS.

Ideally the person identified would not likely be the PI of a proposal, know enough about the current research on the coastal plain to help provide guidance. My suggestion for Refuges would be John Trawicki (working closely with Steve Arthur, but thinking Steve as a potential PI) and for FES would be Drew Crane; both are the 1002 team POCs, but if you prefer someone else, no problem. Eric, since you are the 1002 POC and the acting ARD, I would imagine you would like to suggest someone else? I will hold a short information meeting with the leads.

Lastly, please have a look at the proposed timeline, particularly Jun 25-July 9th as the proposed review period for pre-proposals...want to make sure you see time in your schedules to read 2 page pre-proposals, then be able to engage in selection by July 9th (4th of July is on a Wednesday). We can move this out another week if needed.

Feel free to call me with any questions, this might not be enough information for you, but more details probably eiser conveyed by chatting x3532. Attaching the pre-proposal sheet that might be helpful.

Timeline (proposed):

May 15 - 31: Project review and id by Leads working with staff

Jun 1 - 22: Pre-proposal development for best fit project(s)

Jun 25 - Jul 9: RDT review and select

Jul 9 - Aug 30: Full proposal development

Aug 31: Proposals submitted to USGS

Thanks!
Wendy

Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: Medeiros, Andrea[andrea_medeiros@fws.gov]
Cc: Sara Boario[sara_boario@fws.gov]; Wendy Loya[wendy_loya@fws.gov]; Joanna Fox[joanna_fox@fws.gov]
From: Parramore, Laury
Sent: 2018-05-14T16:22:23-04:00
Importance: Normal
Subject: Re: 1002 Area EIS Plan for Participation
Received: 2018-05-14T16:48:57-04:00
[1002 Communications-LP-GS.docx](#)

Gavin and I have reviewed. It is now with Barbara, Cynthia Martinez (AD-NWRS) and Matt H. Will keep you looped in. Here (attached) is the draft they are reviewing.

Laury Marshall Parramore

On Mon, May 14, 2018 at 1:58 PM, Medeiros, Andrea <andrea_medeiros@fws.gov> wrote:

Hi Laury,
What is the status of the review?

Andrea Medeiros
U.S. Fish and Wildlife Service,
Alaska Region, External Affairs **tEAm**
Public Affairs Specialist
(907) 786-3695
Mobile: (907) 227-4788

Connect with us:



On Tue, May 8, 2018 at 12:40 PM, Medeiros, Andrea <andrea_medeiros@fws.gov> wrote:

Here is the attachment.

Andrea Medeiros
U.S. Fish and Wildlife Service,
Alaska Region, External Affairs **tEAm**
Public Affairs Specialist
(907) 786-3695
Mobile: (907) 227-4788

Connect with us:



On Mon, May 7, 2018 at 5:12 PM, Medeiros, Andrea <andrea_medeiros@fws.gov> wrote:

Hi Laury,

We have pulled together the tentative list of meetings being planned by BLM and identified those from the USFWS who may be attending. We drafted an opening statement for the Service's representative at these meetings, who will likely be Steve Berendzen. We have also drafted an FAQ to post to the Arctic NWR's Home page along with a statement to let people know that BLM is the lead and we are a cooperating agency.

I had spoken to Gavin and he had suggested that we provide these to HQ for review.

I am traveling back to NCTC for the DOI media training, so won't be in the office and may have limited access to email.

Andrea Medeiros
U.S. Fish and Wildlife Service,
Alaska Region, External Affairs **tEAm**
Public Affairs Specialist
(907) 786-3695
Mobile: (907) 227-4788

Connect with us:



To: Wendy Loya[Wendy_loya@fws.gov]
From: Kahn, Lynnda
Sent: 2018-05-14T17:41:15-04:00
Importance: Normal
Subject: Re: Request for Scoping Comments from FWS Staff for the Arctic Refuge Coastal Plain Leasing EIS
Received: 2018-05-14T18:40:24-04:00

Wendy, I was up in Anchorage Tuesday and came by your office to chat but you'd stepped out. I ended up **b6** so have been out since Weds. I'm so sorry I missed the request for comments on the application, but it looks like there were lots of good comments submitted.

Lynnda

Lynnda Kahn | Fish & Wildlife Biologist

Kenai National Wildlife Refuge
P.O. Box 2139 | Soldotna, AK 99669
(907) 260-2818

><(((('°>_..`~`.._><(((('°>_..`~`.._><(((('°>_..`~`.._><(((('°>_..`~`.._><(((('°>

On Thu, May 10, 2018 at 1:28 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Dear colleagues,

Thank you to those of you that were able to participate in the BLM Scoping meeting for Cooperating Agencies on May 3rd, and for sharing your expertise with the EIS Project Manager (Nicole Hayes) and contractor (EMPSi) and sub-contractors (ABR, Steven R Braund & Assoc, Northern Economics, ABR, HDR and DOWL).

Although the contractor took notes, including detailed notes on a laptop and more generalized notes on flip charts, the FWS has decided to submit written scoping comments. We invite you to submit concise, substantive comments on issues within or related to your area of expertise that should be considered for evaluation in the EIS. We especially want to highlight the most pressing issues and unique nature of the Arctic Refuge that should be described and evaluated. See the google doc for more info.

Please enter your comments in the following Google Doc (please do not delete others' comments):

https://docs.google.com/document/d/1sZhCAKBC7m0E6HUF_60kSCVJY7xn6lANn1hwZUxW-y4/edit#heading_h.gjdgxs

Please have your comments entered by June 1. Let your division point of contact know ASAP if that date is unattainable and we'll try to make alternative plans for receiving your comments. The program points of contact will review entries for duplication or clarity and submit to the Regional Director for signature and submission by the June 19th scoping deadline.

For your information the Service provided the BLM and EMPSi a PDF binder of the Resource Assessments and Select FWS Bibliography, which you can access here:
https://drive.google.com/file/d/1_124q-WQ6QnPehIZa84yENIxM4UPnzp-/view?usp_sharing

Again, thank you all!

Wendy (Regional POC)

Steve & Joanna (Arctic Refuge)

John Trawicki (NWRS)

Drew Crane (FES)

Carl Johnson (OSM)

Eric Taylor (MBM)

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

To: John Trawicki[john_trawicki@fws.gov]; Wendy Loya[wendy_loya@fws.gov]
From: Perdue, Margaret
Sent: 2018-05-14T20:41:04-04:00
Importance: Normal
Subject: Fwd: FW: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska
Received: 2018-05-14T20:41:11-04:00

I forwarded the ABR email traffic to John S. earlier so figured I should forward his response back through to keep everyone in the loop...

----- Forwarded message -----

From: **Swords, John** <john_swords@fws.gov>
Date: Mon, May 14, 2018 at 3:06 PM
Subject: Re: FW: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska
To: "Perdue, Margaret" <margaret_perdue@fws.gov>
Cc: David Wigglesworth <david_wigglesworth@fws.gov>

Interesting.. I feel it would be useful to diversify and hopefully the cost can be competitive

On Mon, May 14, 2018 at 2:48 PM, Perdue, Margaret <margaret_perdue@fws.gov> wrote:

Hi John ---

FYI ---

----- Forwarded message -----

From: **Wendy Loya** <Wendy_loya@fws.gov>
Date: Mon, May 14, 2018 at 12:42 PM
Subject: FW: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska
To: Aaron Wells <awells@abrinc.com>
Cc: John Trawicki <john_trawicki@fws.gov>, Margaret Perdue <margaret_perdue@fws.gov>

Hi Aaron,

Thanks for the info below, we will take a careful look at the hydrology work examples. Sounds like some of the analyses we ultimately are interested in.

If you did want to share a ROM for just vegetation, that would be helpful. We can separate or bundle the mapping needs we have.

Thanks!

Wendy

Cc: John Trawicki and Meg Perdue

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Aaron Wells <awells@abrinc.com>

Sent: Monday, May 14, 2018 12:16 PM

To: Wendy Loya <Wendy_loya@fws.gov>

Subject: Re: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska

Hi Wendy, Just following up with you on some action items from our phone call last Friday.

First, I followed up with our GIS team and we can perform all three of the tasks you are interested in for ANWR: landcover mapping, NHD mapping, and NWI mapping. We have experience on past projects in all of these areas.

Second, your question about the cost of the Selawik NWR ELS mapping that we did in parallel with the Arctic Network of National Parks back in 2005-2009. We looked into this but given the different objectives for ANWR (landcover mapping, NHD mapping, and NWI mapping) we don't think the costs for the Selawik work we did are a good comparison. So, we are working on preparing a Rough Order of Magnitude (ROM) cost estimate of what we think it will take to complete the 3 objectives you are interested in. This ROM estimate will hopefully give you a sense of if we are in the ballpark with regards to your budget. I plan to have the ROM estimate ready for you by the end of the week.

Third, I wanted to pass along to you some information about hydrology and aquatic habitat mapping we completed for NPR-A in 2015. The report for this work is available online. I mention it here only to give you some more examples of work we have done in the past. Were you to contract with us for work in ANWR we would certainly tailor our approach to your specific needs and budget.

Below is a brief synopsis:

In our 2015 project report we prepared an aquatic habitat map for 3 watersheds in western NPRA that is similar to the Fish Creek CAFÉ lake dataset of [Jones et al. \(2017\)](#). We used the aquatic habitat mapping to prepare 1) maps of potential distribution of 39 fish species, and 2) and prepared a hypothetical case study to illustrate the utility of the aquatic-habitat classification and mapping in development planning and permitting.

Download our 2015 report using this link: [Onshore/Nearshore: ABR ONES Desktop Studies 2014-2015 Final Reports](#)

The aquatic habitat mapping is in Section 4.1 starting on PDF page 58 (printed page 44).

In the same report our remote sensing expert, Matt Macander, prepared a map of seasonal water dynamics for the majority of NPRA using a time-series of Landsat images.

The seasonal water-cover analysis can be used to characterize habitat features such as sedge marshes and drained-lake basins, both of which are flooded in the spring and drain through the summer. It also could provide a way to assess the connectivity of lakes that only occasionally are connected to flowing water during periods of high water. This kind of approach when combined with a landcover map can provide more accurate and meaningful map classes.

The 2015 report is quite large. For a shorter synopsis of the entirety of our work in NPR-A from 2010-2015 please see our Executive Summary report available at this link:

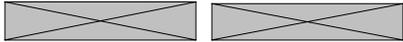
[ABR ONES Executive Summary 2010-2015](#)

Please let me know if you have any questions.

Sincerely,

Aaron Wells

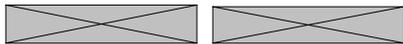
Aaron F. Wells Ph.D. | Senior Ecologist/Principal | ABR Inc. Environmental Research and Services
1225 E. Intl. Airport Road #101 | Anchorage, AK 99518 | o 907.344.6777 ext. 222 | c 907.888.8625 |



On Fri, May 11, 2018 at 10:30 AM, Aaron Wells <awells@abrinc.com> wrote:

Hi Wendy, I just returned your call and left a voicemail. I'm in the office today through 5:00 pm. My only commitment is a call from 11:00 to noon, otherwise I'm available.

Aaron F. Wells Ph.D. | Senior Ecologist/Principal | ABR Inc. Environmental Research and Services
1225 E. Intl. Airport Road #101 | Anchorage, AK 99518 | o 907.344.6777 ext. 222 | c 907.888.8625 |



On Fri, May 11, 2018 at 9:18 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Aaron,

Left you a voice message, feel free to give me a call at your convenience.

786-3532

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Aaron Wells <awells@abrinc.com>

Sent: Tuesday, April 24, 2018 10:42 AM

To: [Wendy Loya@fws.gov](mailto:Wendy_Loya@fws.gov); Diane Granfors <diane_granfors@fws.gov>; steve_wackowski@ios.doi.gov

Subject: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska

Hello Diane, Wendy, and Steve,

My name is Aaron Wells and I am Senior Ecologist and Principal at [ABR, Inc. Environmental Research & Services](#) in Anchorage, AK. I would like to express our interest in working with the U.S. Fish and Wildlife Service (USFWS) in ANWR and across Alaska to provide timely, scientifically rigorous data and mapping products for use in inventorying, managing, and monitoring refuge lands.

ABR was founded as Alaska Biological Research in 1976 in Fairbanks. We specialize in biological and ecological consulting services and are best known for promoting rigorous and objective science within the context of a triple bottom line business philosophy: economic viability, environmental stewardship, and social responsibility.

ABR has completed over 800,000 acres of Integrated Terrain Unit (ITU) mapping on the central Beaufort Coastal Plain on Alaska's North Slope over the past 25 years. The ITU mapping has been used to produce maps of wildlife habitats, soils, wetlands, rare plant habitat suitability, and oil and winter traffic sensitivity. Also, we are currently working on a manuscript describing the ITU mapping methods to be submitted to Arctic, Antarctic, and Alpine research for publication. An example of this work is the report [Ecological Land Survey in the Northeast Planning area of the National Petroleum Reserve Alaska \(NPRA\), 2002](#). We recently completed 110,000 acres of ITU mapping at a 1:10,000 scale in 4 months from field work to final map product. It would be very straight forward for us to

extend this mapping into the 1002 area of ANWR.

We have also developed landcover, ecosystem, and soil maps for all of the National Parks in the Arctic Network. This work is described in the [Ecological Land Survey And Synthesis For The Arctic Network Of National Parks](#). As part of a related project we also extended this mapping into [Selawik NWR](#). This project was completed in 3 years from start to finish. Using a similar mapping approach we could extend the Arctic Network National Park mapping into ANWR to provide a seamless mapping product across the Brooks Range. A major advantage of our mapping approach is that, rather than mapping soils and vegetation separately, we provide an integrated vegetation and soils map thus saving time and money. We also use ancillary data whenever possible to reduce time in the field thus reducing costs.

Over the past 15 years, we have mapped ~80% of the National Park lands in Alaska, averaging ~3 million acres of mapping per year. I recently presented on our NPS mapping to the Alaska Geospatial Council (AGC) vegetation working group. Here is a link to my presentation: [active link](#) (it may take a few minutes to load).

We've also worked across NPRA and produced a map of ecosystems and wildlife habitats for an area the size of the state of Indiana. We accomplished this in 4 years. Additionally we developed a seasonal water-cover analysis and mapping using a time-series of Landsat images. This map can be used to characterize habitat features such as sedge marshes and drained-lake basins, both of which are flooded in the spring and drain through the summer. See our [ABR ONES Executive Summary 2010-2015](#) for an overview of this project.

We are currently working on compiling all of our vegetation and soil data from arctic Alaska into a single, integrated PostgreSQL database to facilitate analysis and data sharing.

Lastly, ABR is involved in several working groups throughout the state and nationally, including the Arctic and Pacific Forests (myself) and Boreal (my co-worker JJ Frost) working groups of the U.S. National Vegetation Classification, the [AGC Vegetation Working group](#) (myself and JJ), and the [NRCS initial soil mapping](#) and digital soil mapping working groups (myself). Additionally, I am volunteering as vegetation ecologist on the 2018 USFWS expedition to St. Matthew Island.

In closing I would like to express again our interest in working with the USFWS in ANWR and across Alaska. We are equally comfortable working independently or collaboratively with an inter-disciplinary, inter-agency team, and/or with universities.

Thank you for your time.

Sincerely,

Aaron Wells

Aaron F. Wells Ph.D. | Senior Ecologist/Principal | ABR Inc. Environmental Research and Services
1225 E. Intl. Airport Road #101 | Anchorage, AK 99518 | o 907.344.6777 ext. 222 | c 907.888.8625 |

--

Meg Perdue, Water Quality Specialist
Water Resources Branch - National Wildlife Refuge System
U.S. Fish & Wildlife Service Regional Office MS 235
1011 E. Tudor Rd
Anchorage, AK 99503
phone: 907-786-3421 fax: 907-786-3976
email: margaret_perdue@fws.gov

--

Meg Perdue, Water Quality Specialist
Water Resources Branch - National Wildlife Refuge System
U.S. Fish & Wildlife Service Regional Office MS 235
1011 E. Tudor Rd
Anchorage, AK 99503
phone: 907-786-3421 fax: 907-786-3976
email: margaret_perdue@fws.gov

To: Eric Taylor[eric_taylor@fws.gov]; Julian Fischer[julian_fischer@fws.gov]
From: Wendy Loya
Sent: 2018-05-15T12:30:34-04:00
Importance: Normal
Subject: FW: Need to ID division lead for QRP/SSP process & timeline
Received: 2018-05-15T12:38:20-04:00
FY2019 PreProposalTemplate 20180514.docx

Hi Julian,

I was informed that Eric is out of town this week, can you see below, hoping to get this together ASAP

Thanks,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Wendy Loya <Wendy_loya@fws.gov>
Sent: Monday, May 14, 2018 11:09 AM
To: Mary Colligan <mary_colligan@fws.gov>; Mitch Ellis <mitch_ellis@fws.gov>; Eric Taylor <eric_taylor@fws.gov>
Cc: Sarena Selbo <sarena_selbo@fws.gov>; Charla Sterne <charla_sterne@fws.gov>
Subject: Need to ID division lead for QRP/SSP process & timeline

Hi Mary, Mitch and Eric,

The RDT decided to focus the funding from the USGS QRP/SSP program on science needs for the Arctic Refuge Coastal Plain (1002 Area) for the 2019 request. There is \$337,746 available in 2019, so we are likely looking at ~1-3 projects to put forward, although projects can continue past 2019 and receive additional funds in 2020 and 2021.

Can you please identify the person on your staff that would best be able to work within your division, and across divisions as needed, to review the list of studies derived from the Resource Assessments and identify which study or studies within division expertise are a good fit for the QRP/SSP opportunity, including identifying a USGS research partner? The PI of the proposed project would then submit a pre-proposal, and the RDT will choose from the pre-proposals which project(s) would be advanced for full-proposal development and submission to USGS.

Ideally the person identified would not likely be the PI of a proposal, know enough about the current research on the coastal plain to help provide guidance. My suggestion for Refuges would be John Trawicki (working closely with Steve Arthur, but thinking Steve as a potential PI) and for FES would be Drew Crane; both are the 1002 team POCs, but if you prefer someone else, no problem. Eric, since you are the 1002 POC and the acting ARD, I would imagine you would like to suggest someone else? I will hold a short information meeting with the leads.

Lastly, please have a look at the proposed timeline, particularly Jun 25-July 9th as the proposed review period for pre-proposals...want to make sure you see time in your schedules to read 2 page pre-proposals, then be able to engage in selection by July 9th (4th of July is on a Wednesday). We can move this out another week if needed.

Feel free to call me with any questions, this might not be enough information for you, but more details probably eiser conveyed by chatting x3532. Attaching the pre-proposal sheet that might be helpful.

Timeline (proposed):

May 15 - 31: Project review and id by Leads working with staff

Jun 1 - 22: Pre-proposal development for best fit project(s)

Jun 25 - Jul 9: RDT review and select

Jul 9 - Aug 30: Full proposal development

Aug 31: Proposals submitted to USGS

Thanks!

Wendy

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

To: Peter Butteri[peter_butteri@fws.gov]
From: Wendy Loya
Sent: 2018-05-15T13:13:34-04:00
Importance: Normal
Subject: RE: Request for Scoping Comments from FWS Staff for the Arctic Refuge Coastal Plain Leasing EIS
Received: 2018-05-15T14:23:03-04:00

Hi Peter,

Thank you for your input here and at the scoping meeting. I appreciate you bringing your expertise to the group. The POCs for the Arctic NWR are Steve B and Joanna, and for NWRS is John Trawicki, but all three, plus me, are available for any questions about our role or the overall process.

There is a lot to do with regards to this EIS process as well as the seismic application, so imagine others will do this closer to the deadline ☺

Best regards,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Butteri, Peter <peter_butteri@fws.gov>
Sent: Tuesday, May 15, 2018 8:39 AM
To: Wendy Loya <Wendy_loya@fws.gov>
Cc: Tom St. Clair <tstclair@blm.gov>
Subject: Re: Request for Scoping Comments from FWS Staff for the Arctic Refuge Coastal Plain Leasing EIS

I entered my comments relevant to wildland fire and cumulative effects. I am not sure what division I am in or who my division point of contact is. It would be good if someone took a look to make sure I am on the right track. I didn't see a whole lot of other comments in the doc.

Peter Butteri
Fire Planning Specialist
USFWS Region 7/ BLM Alaska Fire Service

(w) 907-356-5874
(c) 907 350 4782

"Planning is an unnatural process; it is much more fun to do something. The nicest thing about not planning is that failure comes as a complete surprise, rather than being preceded by

a period of worry and depression." --Sir John Harvey Jones

On Thu, May 10, 2018 at 1:28 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Dear colleagues,

Thank you to those of you that were able to participate in the BLM Scoping meeting for Cooperating Agencies on May 3rd, and for sharing your expertise with the EIS Project Manager (Nicole Hayes) and contractor (EMPSi) and sub-contractors (ABR, Steven R Braund & Assoc, Northern Economics, ABR, HDR and DOWL).

Although the contractor took notes, including detailed notes on a laptop and more generalized notes on flip charts, the FWS has decided to submit written scoping comments. We invite you to submit concise, substantive comments on issues within or related to your area of expertise that should be considered for evaluation in the EIS. We especially want to highlight the most pressing issues and unique nature of the Arctic Refuge that should be described and evaluated. See the google doc for more info.

Please enter your comments in the following Google Doc (please do not delete others' comments):

https://docs.google.com/document/d/1sZhCAKBC7m0E6HUF_60kSCVJY7xn6lANn1hwZUxW-y4/edit#heading_h.gjdgxs

Please have your comments entered by June 1. Let your division point of contact know ASAP if that date is unattainable and we'll try to make alternative plans for receiving your comments. The program points of contact will review entries for duplication or clarity and submit to the Regional Director for signature and submission by the June 19th scoping deadline.

For your information the Service provided the BLM and EMPSi a PDF binder of the Resource Assessments and Select FWS Bibliography, which you can access here:

https://drive.google.com/file/d/1_124q-WQ6QnPehIZa84yENIxM4UPnzp-/view?usp_sharing

Again, thank you all!

Wendy (Regional POC)
Steve & Joanna (Arctic Refuge)
John Trawicki (NWRS)
Drew Crane (FES)
Carl Johnson (OSM)
Eric Taylor (MBM)

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)

0000009372

907.277.2942 (mobile)

To: Drew Crane[drew_crane@fws.gov]
From: Wendy Loya
Sent: 2018-05-15T15:59:28-04:00
Importance: Normal
Subject: Fwd: FW: 1002 and Polar Bear Information Needs
Received: 2018-05-15T16:00:09-04:00

See below for the SSP project identified by the PB team....

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

----- Forwarded message -----

From: Wendy Loya <Wendy_loya@fws.gov>
Date: Tue, Apr 3, 2018 at 3:30 PM
Subject: FW: 1002 and Polar Bear Information Needs
To: Nicole Hayes <mnhayes@blm.gov>, John Pearce <jpearce@usgs.gov>

Nicole and John,

Please see the email below for communication from our Polar Bear team on what projects from the Polar Bear Resource Assessment they would like to try to pursue in 2018.

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Colligan, Mary <mary_colligan@fws.gov>
Sent: Friday, March 30, 2018 8:54 AM
To: Gregory Siekaniec <greg_siekaniec@fws.gov>; Karen Clark <karen_clark@fws.gov>; Wendy Loya <wendy_loya@fws.gov>
Cc: Patrick Lemons <patrick_lemons@fws.gov>
Subject: 1002 and Polar Bear Information Needs

Greg, Karen and Wendy

We remain concerned that a project applicant and a path forward for MMPA authorization for polar bear take that may be associated with exploration and development in the 1002 area has not yet been identified. As we continue to encourage and attempt to facilitate resolution of that issue, we suggest that a number of priority information needs identified in the January joint FWS/USGS polar bear plan may be appropriate for funding this fiscal year.

In particular, we offer the following 4 initiatives:

1. Ear Tags: As you are aware, we identified the need for improved tagging techniques as a high priority requirement in order to obtain critical new information on habitat use and population abundance. USGS is investing in improved collars. We have made an initial investment in improved ear tag technology. The preliminary results are promising, but additional funds are necessary in order to size the tags so that they would be appropriate for use on polar bears. Funding necessary: \$120K
2. Habitat Ecology-Den Detection: Analyze existing information on den occurrences in the 1002 area and update and refine the habitat model. Ideally, the model would be updated using modern satellite technology such as LIDAR. This appears to be an excellent candidate for QRP/SSP funding. Funding necessary: \$150K for analysis, obtaining coverages would be additional costs.
3. Evaluating the Efficacy of Existing Mitigation Measures: Our plan identified the need for an analysis of existing data from oil and gas activities in Prudhoe Bay and NPRA to inform the relationship between infrastructure and polar bears, a comprehensive review of management measures applied to existing industry operations and an investigation of possible application of these to the 1002 area. This work could be conducted through a contract. Funding necessary: \$250K
4. Development of a Population Monitoring Plan for Southern Beaufort Sea Polar Bears: We believe initial work on this plan can and should occur this fiscal year, including meeting with Canadian researchers and managers and Alaskan Native subsistence hunters. We intend to set up a meeting with USGS in the coming weeks to explore roles and relationships and develop a specific proposal for your consideration.

We appreciate your consideration of the above requests and are available to discuss them more at your convenience.

Thanks,

Mary & Patrick

--

Mary Colligan

Assistant Regional Director

Fisheries and Ecological Services

U.S. Fish and Wildlife Service, Alaska Region

1011 E. Tudor Road, MS-361

Anchorage, AK 99503

907-786-3505

cell: 907-223-5945

To: Ryan Wilson[ryan_r_wilson@fws.gov]
From: Wendy Loya
Sent: 2018-05-16T12:41:09-04:00
Importance: Normal
Subject: FW: [EXTERNAL] PCH Workshop - May 16-17, 2018/ Reminder of call in information and updated agenda
Received: 2018-05-16T12:41:18-04:00
[WebEx Meeting.ics](#)
[PCHWorkshop_May2018_FullAgenda_20180511.docx](#)

FYI.....see agenda for topics, I can share notes

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Stotyn, Shannon (EC) <shannon.stotyn@canada.ca>
Sent: Tuesday, May 15, 2018 2:36 PM
To: Hall Sawyer <hsawyer@west-inc.com>; Brian Lawhead <lawhead@abrinc.com>; Alex Prichard <aprichard@abrinc.com>; John Boulanger <boulange@ecological.bc.ca>; Susan Kutz <'skutz@ucalgary.ca'>
Cc: jason.caikoski@alaska.gov; beth.lenart@alaska.gov; Wendy Loya <wendy_loya@fws.gov>; Paul Leonard <paul_leonard@fws.gov>; Mike.Suitor@gov.yk.ca
Subject: [EXTERNAL] PCH Workshop - May 16-17, 2018/ Reminder of call in information and updated agenda

Hi Folks,

Just a reminder for folks that are calling in or presenting via WebEx at the workshop (see below). This is the same call-in information that was on the original agenda. Also for anyone wanting to attend via phone at any time during the workshop please feel free to do so. I attached an updated agenda.

For presenters, I believe we have 15 minutes for presentations and 10 minutes for questions. Please let me know if you are having trouble with the sound quality. If you want to send a pdf of your presentation in advance of the meeting feel free just in case we run into technical difficulties the land line will always work!

Remember the times are in Pacific Standard Time. I can always be reached during the meeting at 867-333-9891 or by email.

Thanks again,

Shannon

Topic: PCH Workshop - My 16-17, 2018
Date: Every day, from Wednesday, May 16, 2018, to Thursday, May 17, 2018
Time: 8:30 pm, Pacific Daylight Time (San Francisco, GMT-07:00)
Meeting Number: **65 - CIP**

0000009377

Meeting Password: b5 - CIP

To join the online meeting

1. Go to b5 - CIP
2. Enter your name and email address.
3. Enter the meeting password: b5 - CIP
4. Click "Join Now".

To join the teleconference only

Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:

- Call-in toll-free number: b5 - CIP
Call-in number: b5 - CIP
Attendee access code: b5 - CIP

For assistance

1. Go to <https://pwgsc-nh.webex.com>
2. On the left navigation bar, click "Support".
3. Call b5 - CIP

You can contact me at:
shannon.stotyn@ec.gc.ca

To update this meeting to your calendar program (for example Microsoft Outlook), click this link:
b5 - CIP

WebEx will automatically setup Meeting Manager for Windows the first time you join a meeting. To save time, you can setup prior to the meeting by clicking this link:
b5 - CIP

IMPORTANT NOTICE: This WebEx service includes a feature that allows audio and any documents and other materials exchanged or viewed during the session to be recorded. By joining this session, you automatically consent to such recordings. If you do not consent to the recording, discuss your concerns with the meeting host prior to the start of the recording or do not join the session. Please note that any such recordings may be subject to discovery in the event of litigation.

Vous pouvez envoyer ce message d'invitation à des participants

Bonjour ,

Shannon Stotyn a changé la de cette réunion en ligne.

Sujet : PCH Workshop - My 16-17, 2018

Date : Every day, from Wednesday, May 16, 2018, to Thursday, May 17, 2018

Heure : 8:30 pm, Pacific Daylight Time (San Francisco, GMT-07:00)

Numéro de la réunion : b5 - CIP

Mot de passe de la réunion : b5 - CIP

Pour participer à la réunion en ligne

1. Allez sur le site b5 - CIP
2. Entrez votre nom et votre adresse électronique.
3. Entrez le mot de passe de la réunion : b5 - CIP
4. Cliquez sur Prendre part maintenant.

Pour Participer uniquement à la téléconférence

Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:

Call-in toll-free number: b5 - CIP

Call-in number: b5 - CIP

Attendee access code: b5 - CIP

Pour obtenir de l'aide

1. Allez sur le site b5 - CIP
2. Dans la barre de navigation, à gauche, cliquez sur Assistance.
3. Composez numéro sans frais: b5 - CIP

Vous pouvez me contacter au :

shannon.stotyn@ec.gc.ca

Pour mettre à jour cette réunion dans votre programme de calendrier (par exemple dans Microsoft Outlook), cliquez sur ce lien: b5 - CIP

WebEx configurera automatiquement le Gestionnaire de réunions pour Windows la première fois que vous prenez part à une réunion. Pour gagner du temps, vous pouvez le configurer avant de prendre part à la réunion en cliquant sur ce lien:

b5 - CIP

Pour lier des fichiers rich media au format UCF, vous devez disposer de lecteurs compatibles. Vérifiez que votre ordinateur possède les lectures adéquats en accédant à b5 - CIP

REMARQUE IMPORTANTE : Ce service WebEx comprend une fonction qui permet d'échanger ou de consulter des fichiers audio et tout document et autre matériel pendant l'enregistrement de la session. En vous joignant à cette session, vous autorisez automatiquement l'enregistrement. La seule façon de refuser cet enregistrement est de ne pas prendre part à la session.

To: Wendy Loya[wendy_loya@fws.gov]
From: Ryan Wilson
Sent: 2018-05-16T19:27:06-04:00
Importance: Normal
Subject: 1002 den estimate
Received: 2018-05-16T19:27:19-04:00
Den estimate 1002.docx

--

Ryan Wilson, Ph.D., Certified Wildlife Biologist ®
Marine Mammals Management, Polar Bears
U.S. Fish and Wildlife Service
1011 E. Tudor Rd., MS341
Anchorage, AK 99503

Phone: (907) 786-3830
Email: ryan_r_wilson@fws.gov
Fax: (907) 786-3816

To: Wendy Loya[Wendy_loya@fws.gov]; Joanna Fox[joanna_fox@fws.gov]; Drew Crane[drew_crane@fws.gov]; Steve Berendzen[steve_berendzen@fws.gov]
Cc: Karen Clark[karen_clark@fws.gov]; Sara Boario[sara_boario@fws.gov]; Mitch Ellis[mitch_ellis@fws.gov]; Socheata Lor[socheata_lor@fws.gov]
From: Howard, Amee
Sent: 2018-05-17T20:05:08-04:00
Importance: Normal
Subject: Re: Draft Briefing for HQ on 1002 - due back to Amee at 1pm
Received: 2018-05-17T20:05:18-04:00

Hi All,
Thank you all for your assistance on this and for the quick turnaround. Your efforts are very much appreciated!

Have a great evening!
Amee

On Thu, May 17, 2018 at 1:14 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Amee,

There is not a timeline we should share. There was a very drafty one before the NOI was issued and contractor was hired, but it would be misleading to use that at this point as it may not meet DOI requirements. We may get one today, but it seems like that is something we hear every week ☺

OK, feel free to run with what we have....It is wordy, but it takes (a scientist) more time than we had to be concise.

https://docs.google.com/document/d/1ol7Au_9RPFK92jgPU2aE2ZuSU0Ooo7CkrUhkT4-duys/edit?usp_sharing

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Howard, Amee <amee_howard@fws.gov>
Sent: Thursday, May 17, 2018 1:10 PM
To: Wendy Loya <Wendy_loya@fws.gov>; Drew Crane <drew_crane@fws.gov>; Steve Berendzen <steve_berendzen@fws.gov>; Joanna Fox <joanna_fox@fws.gov>
Cc: Socheata Lor <socheata_lor@fws.gov>
Subject: Re: Draft Briefing for HQ on 1002 - due back to Amee at 1pm

Hi All,

Short and sweet is all we need. I think what you have here is a great amount of information for me to work with. We want to keep the focus on our role as a cooperating agency, to respond to this inquiry. I will be reiterating BLM's role as the Lead Agency with HQ and others.

Soch indicated there was an EIS timeline that has been shared. Can you send that my way? I have the BLM's scoping meeting schedule.

Thank you all for your assistance on this!

Amee

On Thu, May 17, 2018 at 12:09 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Steve and Joanna and Drew

Amee has requested a brief summary of our activities related to the Coastal Plain. Please see the google doc I just pulled together and feel free to edit, especially if you see ways to make it more concise and clear. She needs it back by 1pm today to send through Karen C and Refuges leadership, so if you don't have much time please review section 1C and IIB which introduce the Seismic EA.

https://docs.google.com/document/d/1oI7Au_9RPFK92jgPU2aE2ZuSU0Ooo7CkrUhkT4-

0000009383

[duys/edit?usp_sharing](#)

Drew...see IC to make sure I got your stuff right...

Sorry for the short turnaround, two people came in the office about 1002 stuff in the last half hour before I could hit send!

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Amee Howard <amee_howard@fws.gov>
Sent: Thursday, May 17, 2018 9:34 AM
To: Wendy Loya <wendy_loya@fws.gov>
Cc: Sara Boario <sara_boario@fws.gov>; Socheata Lor <socheata_lor@fws.gov>
Subject: Re: Information Requested - ANWR 1002 Area Development

Perfect!

Thanks so much!

Sent from my iPhone

0000009384

On May 17, 2018, at 9:28 AM, Wendy Loya <wendy_loya@fws.gov> wrote:

I can get you materials by 1pm.

Dr. Wendy M. Loya, Coordinator

Office of Science Applications- Arctic Program

Anchorage, Alaska

[907.786.3532](tel:907.786.3532) (office)

[907.227.2942](tel:907.227.2942) (mobile)

On May 17, 2018, at 08:57, Howard, Amee <amee_howard@fws.gov> wrote:

Hi Wendy,

I stopped in and touched base with Soch. She would like me to send a summary of the recent goings on, our perspective, and the EIS timeline. We don't need anything too in depth, it sounds like the Senator's office through HQ-Budget is looking for a brief update.

I would like to send:

Brief summary

EIS timeline

BLM Scoping meeting schedule (I have this)

I will need to get it back to them by COB today. Can you have something to me by noon or early afternoon? Then I can clear it through Karen and Refuges before sending.

Quick note - I am in the building....running between Attu stuff and Subsistence stuff. I will have my phone and be checking emails. Thanks!!!

Let me know if you have any questions.

Thanks so much!

Amee

----- Forwarded message -----

From: **Lor, Socheata** <socheata_lor@fws.gov>
Date: Thu, May 17, 2018 at 7:55 AM
Subject: Re: Information Requested - ANWR 1002 Area Development
To: "Peters, Kristen" <kristen_peters@fws.gov>
Cc: Mitch Ellis <mitch_ellis@fws.gov>, "Katherine (Ketti) Spomer" <katherine_spomer@fws.gov>, Amees Howard <amee_howard@fws.gov>

Hi Kristen,

In thinking more about these requests, should they go to Amees Howard who is our Congressional Affairs liaison? Amees could coordinate responses from all our programs who are involved in coastal plain work in Alaska. We have a regional arctic specialist who is the main point of contact, and also each program has a point of contact.

Amees, please advise how best to respond to these requests. We have received one or two in recent past from Kristen.

Soch

~~~~~

*Socheata Lor, Ph.D.*

*Deputy Assistant Regional Director Region 7*

*National Wildlife Refuge System*

U.S. Fish and Wildlife Service

1011 E. Tudor Road

Anchorage, AK 99503

Office: 907.786.3420

Cell: 907.891.6194

~~~~~

On Thu, May 17, 2018 at 4:24 AM, Peters, Kristen <kristen_peters@fws.gov> wrote:

Hi Mitch and Soch,

The Division of Budget has reached out for our help to respond for a short turnaround request for an update on ANWR from a Senate staffer. Could you provide Ketti and me with a brief update, including any milestones or a tentative schedule, that we can pass along to the staffer? The Division of Budget would like to respond to this inquiry fairly quickly and have requested an update by COB today. Do you think you could send a brief update by **COB (your time) today?**

Also, I wanted to let you know that the topic of oil and gas development in ANWR was discussed at the Secretary's hearing last week not the FY19 budget. The question and the Secretary's response is copied below. I am sharing for awareness and no action is needed.

Sen Van Hollen (D-MD) Question: I would be interested in the scientific data that you believe needs to be collected in order to make a sound decision on drilling in ANWR. There is a lot of concern that process will be short circuited, and it would be very helpful if you would get back to me in writing with the scientific information that you think needs to be gathered in order to make a sound judgement going forward.

Sec Zinke Response: We will follow NEPA to the letter of the law, and follow every regulation, policy, etc. I think the American public deserves it.

Thank you for prioritizing this short turnaround request. Let me know if you have any questions or concerns.

Kristen

Kristen Peters

Congressional and Legislative Affairs Specialist

U.S. Fish and Wildlife Service, Southeast Region

1875 Century Blvd.

Atlanta, Georgia 30345

o: (404) 679-7172

c: (404) 430-5778

kristen_peters@fws.gov

--

Amee Howard

Congressional and State Liaison

U.S. Fish & Wildlife Service

Anchorage, Alaska

Office: (907)786-3509

Mobile: (907)229-8575

[Get Inspired](#)

--

Amee Howard

Congressional and State Liaison

U.S. Fish & Wildlife Service

Anchorage, Alaska

Office: (907)786-3509

Mobile: (907)229-8575

Get Inspired

--

Amee Howard

Congressional and State Liaison

U.S. Fish & Wildlife Service

Anchorage, Alaska

Office: (907)786-3509

Mobile: (907)229-8575

Get Inspired

To: karen_clark@fws.gov[karen_clark@fws.gov];
greg_siekaniec@fws.gov[greg_siekaniec@fws.gov]; mitch_ellis@fws.gov[mitch_ellis@fws.gov]
Cc: steve_berendzen@fws.gov[steve_berendzen@fws.gov]
From: Wendy Loya
Sent: 2018-05-17T20:50:43-04:00
Importance: Normal
Subject: Fwd: info
Received: 2018-05-17T20:50:52-04:00
[ATT00001.htm](#)
[Week 2 May 29-June1 ANC FAI BAR.pdf](#)

Hi Greg, Karen and Mitch,
Below is a message from Steve with attachment from Nicole at BLM about attendees for Fairbanks, Anchorage and Utqiagvik. Steve would like to coordinate with anyone going from the RO to Utqiagvik, and I would like to keep track of who is going to all three for our notes and to keep Nicole up to date.

Thank you,
Wendy
Dr. Wendy M. Loya, Coordinator
Office of Science Applications- Arctic Program
Anchorage, Alaska
[907.786.3532](tel:907.786.3532) (office)
[907.227.2942](tel:907.227.2942) (mobile)

Begin forwarded message:

From: "Berendzen, Steve" <steve_berendzen@fws.gov>
Date: May 17, 2018 at 16:37:44 AKDT
To: "Loya, Wendy" <wendy_loya@fws.gov>
Cc: Hollis Twitchell <hollis_twitchell@fws.gov>
Subject: Fwd: info

Wendy, FYI - don't know if you've seen this. I just asked about it so she sent to me. I'm not included as an attendee - cool for me (just kidding :))
Do you know if Greg is planning to attend Fairbanks or Barrow? I don't think Fairbanks should be a problem for those who plan to come up here from a lodging or transportation standpoint, but it would be good for Hollis and I to coordinate our Barrow travel with whoever is going from the RO. We could theoretically stay in the Barrow bunkhouse, but Greg or other RO participant might prefer to stay with others at the Top of the World hotel. Hollis and I are flexible....

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

----- Forwarded message -----

0000009390

From: **Hayes, Miriam (Nicole)** <mnhayes@blm.gov>
Date: Thu, May 17, 2018 at 3:46 PM
Subject: info
To: Steve Berendzen <steve_berendzen@fws.gov>

Week 2 itinerary.

Nicole Hayes

Project Coordinator
Bureau of Land Management
222 W. 7th Avenue #13
Anchorage, Alaska 99513
Desk: (907) 271-4354

To: Berendzen, Steve[steve_berendzen@fws.gov]
Cc: Wendy Loya[Wendy_loya@fws.gov]; John Trawicki[john_trawicki@fws.gov]; Joanna Fox[joanna_fox@fws.gov]
From: Granfors, Diane
Sent: 2018-05-18T12:58:33-04:00
Importance: Normal
Subject: Re: Scott Guyer at BLM will help us with Coastal Plain Veg Mapping contract or agreement
Received: 2018-05-18T12:59:13-04:00

I'm meeting with her in about 3 minutes - I'll check.

On Fri, May 18, 2018 at 8:14 AM, Berendzen, Steve <steve_berendzen@fws.gov> wrote:

Thanks, Diane - it's not clear to me what is needed in addition to what Scott Guyer can provide in the near term. If we don't need assistance other than that from Scott for a while, we should have someone on board at Arctic in the botanist position in the relatively near future. If FWS review and assistance is needed soon, who is in a position where they could check with Elizabeth and her supervisor to see if she could assist with this?

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

On Fri, May 18, 2018 at 7:58 AM, Granfors, Diane <diane_granfors@fws.gov> wrote:

Elizabeth would be ideal since she is plugged into the AGC vegetation mapping working group. Josh has great skills in mapping and GIS but less so on the vegetation side which I think this needs.

On Thu, May 17, 2018 at 6:09 PM, Berendzen, Steve <steve_berendzen@fws.gov> wrote:

Thanks, Wendy - I don't know that we have anyone with technical knowledge and background at this time. Elizabeth Powers likely does, but I don't know if she would be available to help with it. Does Paul Leonard have any of that expertise? Josh Rose has some veg mapping knowledge - possibly try him?

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

On Thu, May 17, 2018 at 1:51 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Great news!

Marlo Draper at BLM has agreed to let Scott Guyer take time in his schedule to help us move towards a contract or Financial assistance agreement for vegetation mapping. He'll work from where Janet left off with the Statement of Work. Hopefully we can catch up on this in time for the end of June deadline. It seems implausible that there would be field

work this summer, it would be next summer after image processing and ID of areas that needed to be sampled.

Steve and Joanna, if there is someone you want to have involved in any technical talks, let me know. I'll keep you in the loop at any key decision points.

More soon,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

--

Diane Granfors, PhD
Alaska Region Inventory and Monitoring Coordinator
National Wildlife Refuge System
U.S. Fish and Wildlife Service
1011 East Tudor Road, MS 235
Anchorage, AK 99503
diane_granfors@fws.gov
907-786-3429

Collaborative ecosystem science to inform National Wildlife Refuge System conservation decisions in Alaska.

--

Diane Granfors, PhD
Alaska Region Inventory and Monitoring Coordinator
National Wildlife Refuge System
U.S. Fish and Wildlife Service
1011 East Tudor Road, MS 235
Anchorage, AK 99503
diane_granfors@fws.gov
907-786-3429

Collaborative ecosystem science to inform National Wildlife Refuge System conservation decisions in Alaska.

To: Steve Berendzen[steve_berendzen@fws.gov]; Diane Granfors[diane_granfors@fws.gov]
Cc: John Trawicki[john_trawicki@fws.gov]; Joanna Fox[joanna_fox@fws.gov]
From: Wendy Loya
Sent: 2018-05-18T12:59:56-04:00
Importance: Normal
Subject: RE: Scott Guyer at BLM will help us with Coastal Plain Veg Mapping contract or agreement
Received: 2018-05-18T13:00:07-04:00

Thanks Diane and Steve,

I did pull both Elizabeth and John Swords (NWI guru) in on the meeting and I think it went well. Scott will help us get an agreement or contract in place for a veg map that meets our most immediate needs. I will keep you in the loop along the way ☺

Cheers,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Berendzen, Steve <steve_berendzen@fws.gov>
Sent: Friday, May 18, 2018 8:15 AM
To: Granfors, Diane <diane_granfors@fws.gov>
Cc: Wendy Loya <Wendy_loya@fws.gov>; John Trawicki <john_trawicki@fws.gov>; Joanna Fox <joanna_fox@fws.gov>
Subject: Re: Scott Guyer at BLM will help us with Coastal Plain Veg Mapping contract or agreement

Thanks, Diane - it's not clear to me what is needed in addition to what Scott Guyer can provide in the near term. If we don't need assistance other than that from Scott for a while, we should have someone on board at Arctic in the botanist position in the relatively near future. If FWS review and assistance is needed soon, who is in a position where they could check with Elizabeth and her supervisor to see if she could assist with this?

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907-456-0253

On Fri, May 18, 2018 at 7:58 AM, Granfors, Diane <diane_granfors@fws.gov> wrote:
Elizabeth would be ideal since she is plugged into the AGC vegetation mapping working group. Josh has great skills in mapping and GIS but less so on the vegetation side which I think this needs.

On Thu, May 17, 2018 at 6:09 PM, Berendzen, Steve <steve_berendzen@fws.gov> wrote:
Thanks, Wendy - I don't know that we have anyone with technical knowledge and background at this time. Elizabeth Powers likely does, but I don't know if she would be

available to help with it. Does Paul Leonard have any of that expertise? Josh Rose has some veg mapping knowledge - possibly try him?

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907-456-0253

On Thu, May 17, 2018 at 1:51 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Great news!

Marlo Draper at BLM has agreed to let Scott Guyer take time in his schedule to help us move towards a contract or Financial assistance agreement for vegetation mapping. He'll work from where Janet left off with the Statement of Work. Hopefully we can catch up on this in time for the end of June deadline. It seems implausible that there would be field work this summer, it would be next summer after image processing and ID of areas that needed to be sampled.

Steve and Joanna, if there is someone you want to have involved in any technical talks, let me know. I'll keep you in the loop at any key decision points.

More soon,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

--

Diane Granfors, PhD
Alaska Region Inventory and Monitoring Coordinator
National Wildlife Refuge System
U.S. Fish and Wildlife Service
1011 East Tudor Road, MS 235
Anchorage, AK 99503
diane_granfors@fws.gov
907-786-3429

Collaborative ecosystem science to inform National Wildlife Refuge System conservation decisions in Alaska.

From: Wendy_loya@fws.gov
Location: Instant Meeting Audio # b5 - CIP # b5 - CIP #
Importance: Normal
Subject: Planning for internal 1002 Alternatives workshop
Start Date/Time: 2018-05-22T18:00:00-04:00
End Date/Time: 2018-05-22T19:00:00-04:00

A conversation about the proposed structure a workshop among 1002 staff on June 19-20th with the goal of defining our preferred stipulations and BMPs to share at the BLM Cooperating Agencies Alternatives workshop that is likely to be the week of July 9th. The workshop will be in Fairbanks and staff identified on the Leasing and Seismic expertise lists will be invited.

Our process at this point is:

- 1) Paul is collating as much data as he can; we will ask subject matter experts to reach out to Paul before the workshop (accounting for his leave June 1-8th) and share data that they see as important in guiding the conversations (e.g. shapefiles of important habitats or biologically sensitive or unique areas (ATSTFO). New data needs will likely be id'ed at workshop
- 2) We will divide the workshop into subjects (vegetation & soils; water and fish; caribou; polar bears; birds (broken down by subgroups); sensitive/unique habitats (springs, aufeis, WSR, etc); Wilderness and recreation; general operating procedures). Subject Matter Experts will give a brief overview of the subject, focusing on where the resource is when it is sensitive to disturbance. That may be all year! We can collate that information in a Periodicity Table, like this one that John provided as an example:

3)
- 4) We will ask someone on staff to compile existing FWS regulations that we can use as a basis for identifying stipulations and BMPs, in addition to the science to support that.

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Google Calendar
Location: Instant Meeting Audio # **b5 - CIP** #
Importance: Normal
Subject: Accepted: Planning for internal 1002 Alternatives workshop @ Tue May 22, 2018 2pm - 3pm (AKDT) (wendy_loya@fws.gov)
Start Date/Time: 2018-05-22T18:00:00-04:00
End Date/Time: 2018-05-22T19:00:00-04:00
[invite.ics](#)

Paul Leonard has accepted this invitation.

Planning for internal 1002 Alternatives workshop

A conversation about the proposed structure a workshop among 1002 staff on June 19 20th with the goal of defining our preferred stipulations and BMPs to share at the BLM Cooperating Agencies Alternatives workshop that is likely to be the week of July 9th. The workshop will be in Fairbanks and staff identified on the Leasing and Seismic expertise lists will be invited.

Our process at this point is:

- 1) Paul is collating as much data as he can; we will ask subject matter experts to reach out to Paul before the workshop (accounting for his leave June 1 8th) and share data that they see as important in guiding the conversations (e.g. shapefiles of important habitats or biologically sensitive or unique areas (ATSTFO). New data needs will likely be id'ed at workshop
- 2) We will divide the workshop into subjects (vegetation & soils; water and fish; caribou; polar bears; birds (broken down by subgroups); sensitive/unique habitats (springs, aufeis, WSR, etc); Wilderness and recreation; general operating procedures). Subject Matter Experts will give a brief overview of the subject, focusing on where the resource is when it is sensitive to disturbance. That may be all year! We can collate that information in a Periodicity Table, like this one that John provided as an example:
- 3)
- 4) We will ask someone on staff to compile existing FWS regulations that we can use as a basis for identifying stipulations and BMPs, in addition to the science to support that.

When Tue May 22, 2018 2pm - 3pm Alaska Time
Where Instant Meeting Audio # **b5 - CIP** # ([map](#))
Video call https://hangouts.google.com/hangouts/_/doi.gov/wendy_loya
Calendar [loya](#)
Who wendy_loya@fws.gov

-
-
-
-
-

wendy_loya@fws.gov
Stephen Arthur
Paul Leonard
Drew Crane
John Trawicki

Invitation from [Google Calendar](#)

You are receiving this email at the account wendy_loya@fws.gov because you are subscribed for invitation replies on calendar wendy_loya@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

To: Joanna Fox[joanna_fox@fws.gov]
From: Wendy Loya
Sent: 2018-05-18T16:58:56-04:00
Importance: Normal
Subject: Re: Room for Alternatives workshop 6/19-20th
Received: 2018-05-18T16:59:03-04:00

Thank you! Have a great weekend

Dr. Wendy M. Loya, Coordinator
Office of Science Applications- Arctic Program
Anchorage, Alaska
[907.786.3532](tel:907.786.3532) (office)
[907.227.2942](tel:907.227.2942) (mobile)

On May 18, 2018, at 12:37, Joanna Fox <joanna_fox@fws.gov> wrote:

Hi Wendy - I already reserved the big Refuges Conference Room for June 19-20 yesterday, so we're covered! I'm glad you were thinking about it too though, as sometimes we forget about important details like that.
We should be good to go. Let me know if there's anything else that will be needed logistically!

Joanna

Joanna L. Fox
Deputy Refuge Manager
Arctic National Wildlife Refuge
101 12th Avenue, Room 236
Fairbanks, AK 99701
(907) 456-0549

Follow us on Facebook!
www.facebook.com/arcticnationalwildliferefuge

"Do what you can, with what you have, where you are." -- Theodore Roosevelt

On Fri, May 18, 2018 at 12:32 PM Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Joanna,

I am not sure how to find the Refuges Conf Room in Fairbanks to reserve in in Google Calendar...is there a way? If not, can you see if the Refuges conference

room is available on June 19th and 20th? I'd like to have a larger room than the 110 conf room if possible. I think the group will be large on 19th and potentially smaller on 20th, but we are working on the structure and agenda. I think that the impact/stipulations issues in the Seismic EA will be covered in this discussion for the Leasing EIS, but we can work in anything you all believe might be different...?

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

To: greg_siekaniec@fws.gov[greg_siekaniec@fws.gov]; karen_clark@fws.gov[karen_clark@fws.gov]; mitch_ellis@fws.gov[mitch_ellis@fws.gov]; john_trawicki@fws.gov[john_trawicki@fws.gov]; drew_crane@fws.gov[drew_crane@fws.gov]; steve_berendzen@fws.gov[steve_berendzen@fws.gov]
From: Wendy Loya
Sent: 2018-05-18T19:05:13-04:00
Importance: Normal
Subject: Fwd: updated itinerary for 1002 meetings next week
Received: 2018-05-18T19:05:19-04:00
[ATT00001.htm](#)
[Week 1 May 21-25 Kaktovik Arctic Village v3.docx \(1\).docx](#)

The attached BLM itinerary indicates Kaktovik might get get delayed due to the death of an elder.

Steve, please continue to pass along any updates you receive to this group :)

Thank you,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications- Arctic Program
Anchorage, Alaska
[907.786.3532](tel:907.786.3532) (office)
[907.227.2942](tel:907.227.2942) (mobile)

Begin forwarded message:

From: "Berendzen, Steve" <steve_berendzen@fws.gov>
Date: May 18, 2018 at 14:50:04 AKDT
To: "Loya, Wendy" <wendy_loya@fws.gov>
Subject: Fwd: updated itinerary

Wendy,
I'm not included on this revised itinerary as an attendee, but I'm still shown as having a seat on the charter flight so I'll still plan to attend :)

I don't know if Mitch or Karen might want a copy of this; their travel will be separate from others, and is hopefully set up. Hollis is only going to Arctic Village to help ensure that Karen can make it to both meetings - she'll fly up there from Fairbanks with him.

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

----- Forwarded message -----

0000009403

From: **Hayes, Miriam (Nicole)** <mnhayes@blm.gov>
Date: Fri, May 18, 2018 at 10:35 AM
Subject: updated itinerary
To: Steve Berendzen <steve_berendzen@fws.gov>

Nicole Hayes
Project Coordinator
Bureau of Land Management
222 W. 7th Avenue #13
Anchorage, Alaska 99513
Desk: (907) 271-4354

To: Selbo, Sarena[sarena_selbo@fws.gov]
Cc: Murphy, Karen[karen_a_murphy@fws.gov]
From: Wendy Loya
Sent: 2018-05-18T19:05:57-04:00
Importance: Normal
Subject: Re: Invitation: Meeting with Science on FY 2018 Spend Plan Performance Me... @ Wed May 23, 2018 10am - 11am (EDT) (seth_mott@fws.gov)
Received: 2018-05-18T19:06:01-04:00

If I survive....
;)

Dr. Wendy M. Loya, Coordinator
Office of Science Applications- Arctic Program
Anchorage, Alaska
907.786.3532 (office)
907.227.2942 (mobile)

On May 18, 2018, at 15:01, Selbo, Sarena <sarena_selbo@fws.gov> wrote:

Monday?

On Fri, May 18, 2018 at 9:04 AM, Murphy, Karen <karen_a_murphy@fws.gov> wrote:

I don't see a common time on our schedule that will work for all of us today.
2:30 3:00 is the only space today.

*Karen A Murphy
Science Applications
907-786-3501
karen_a_murphy@fws.gov*

On Fri, May 18, 2018 at 8:29 AM, Selbo, Sarena <sarena_selbo@fws.gov> wrote:

Lets discuss. The spend plan is being released and we have \$600,000 in SA funds targeted for Arctic Research.

----- Forwarded message -----

From: **Mott, Seth** <seth_mott@fws.gov>
Date: Fri, May 18, 2018 at 7:45 AM
Subject: Fwd: Invitation: Meeting with Science on FY 2018 Spend Plan Performance Me... @ Wed May 23, 2018 10am - 11am (EDT) (seth_mott@fws.gov)
To: Stephen Torbit <Stephen_Torbit@fws.gov>, Sarena Selbo <Sarena_Selbo@fws.gov>, Casey Stemler <Casey_Stemler@fws.gov>

See below about upcoming discussion on new performance measure...if you have any thoughts/input, please send it to me before Tuesday.

----- Forwarded message -----

From: **Kim Howze** <kim_howze@fws.gov>

Date: Fri, May 18, 2018 at 10:16 AM

Subject: Invitation: Meeting with Science on FY 2018 Spend Plan Performance Me... @
Wed May 23, 2018 10am - 11am (EDT) (seth_mott@fws.gov)

To: seth_mott@fws.gov, "autemesa_palmer@fws.gov" <autemesa_scott@fws.gov>, cecilia_todd@fws.gov, chris_nolin@fws.gov

[more details »](#)

Meeting with Science on FY 2018 Spend Plan Performance Metrics

Hi Cecilia and Seth,

Internal Consult with FWS HQ
[Redacted content]

Thanks,
Kim

--
Seth Mott, Deputy Assistant Director
Science Applications
703 358 1969

seth_mott@fws.gov
U.S. FISH & WILDLIFE SERVICE
MS: SA 3N091
5275 LEESBURG PIKE
FALLS CHURCH, VA 22041-3803

--

Sarena M. Selbo
Assistant Regional Director
Science Applications - Alaska Region
U.S. Fish and Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99503
907-786-3380

--

Sarena M. Selbo
Assistant Regional Director
Science Applications - Alaska Region
U.S. Fish and Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99503
907-786-3380

To: LaMarr, Sarah[slamarr@blm.gov]
Cc: Nichelle Jones[njones@blm.gov]; Joanna Fox[joanna_fox@fws.gov]; Wixon, Donna[dwixon@blm.gov]; Loya, Wendy[wendy_loya@fws.gov]; Stephanie Brady[stephanie_brady@fws.gov]
From: Berendzen, Steve
Sent: 2018-05-18T20:08:41-04:00
Importance: Normal
Subject: Re: Updated Seismic Project Initiation Letter and Schedule for Review
Received: 2018-05-18T20:08:45-04:00

Thanks, Sarah - we'll review it and try to get back to you first thing next week.

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

On Fri, May 18, 2018 at 3:49 PM, LaMarr, Sarah <slamarr@blm.gov> wrote:

Sorry, sent email too soon! Now it's attached!

Sarah La Marr
Bureau of Land Management
Arctic District Office
Fairbanks, Alaska
907-474-2334 (desk)
907-888-3407 (cell)
slamarr@blm.gov

----- Forwarded message -----

From: LaMarr, Sarah <slamarr@blm.gov>
Date: Fri, May 18, 2018 at 3:48 PM
Subject: Updated Seismic Project Initiation Letter and Schedule for Review
To: Nichelle Jones <njones@blm.gov>, Steve Berendzen <steve_berendzen@fws.gov>, Joanna Fox <joanna_fox@fws.gov>
Cc: "Wixon, Donna" <dwixon@blm.gov>

Please review the updated schedule in the attached PIL. Thanks, s.

Sarah La Marr
Bureau of Land Management
Arctic District Office
Fairbanks, Alaska
907-474-2334 (desk)
907-888-3407 (cell)
slamarr@blm.gov

From: Wendy_loya@fws.gov
Location: #b5 - CIP #b5 - CIP
Importance: Normal
Subject: 1002 Chat with Patrick/Steve/Wendy
Start Date/Time: 2018-05-21T12:00:00-04:00
End Date/Time: 2018-05-21T13:00:00-04:00

Hi Wendy,

I will plan on 10:00 am Mountain Monday. I did review the SAE seismic plan and provided a few comments to Joanna Fox.

Pat O'Dell
Petroleum Engineer
National Wildlife Refuge System
Division of Natural Resources
Office: 303-236-4365
Mobile: 303-204-9439
patrick_odell@fws.gov

On Fri, May 18, 2018 at 1:54 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Hi Patrick,

Steve and I would enjoy a chance to chat with you about the Coastal Plain program. I think we shared with you that there is also a Seismic EA moving forward at an even faster pace than the EIS. A direct conversation with you would help us know how we can best draw on your expertise and when we should make sure to include you in future conversations (perhaps all!).

Are you by chance available to chat on Monday at 10am MT/8am AK? If not, we can look for another time that works (feel free to suggest).

Thank you,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: O'Dell, Patrick <patrick_odell@fws.gov>
Sent: Thursday, May 10, 2018 6:15 PM
To: Wendy Loya <Wendy_loya@fws.gov>
Subject: Re: Request for Scoping Comments from FWS Staff for the Arctic Refuge Coastal Plain Leasing EIS

Hi Wendy,

Thanks for including me on the request. I will focus on BLM's formulation of the reasonable foreseeable development scenarios. Also, nailing down the accounting for the 2000-acre limit prescribed in the Tax Act. The deadline is no problem from my end.

I will also follow-up with my headquarters folks to determine how R9 will provide input.

Pat O'Dell
Petroleum Engineer
National Wildlife Refuge System
Division of Natural Resources
Office: 303-236-4365
Mobile: 303-204-9439
patrick_odell@fws.gov

On Thu, May 10, 2018 at 3:28 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Dear colleagues,

Thank you to those of you that were able to participate in the BLM Scoping meeting for Cooperating Agencies on May 3rd, and for sharing your expertise with the EIS Project Manager (Nicole Hayes) and contractor (EMPSi) and sub-contractors (ABR, Steven R Braund & Assoc, Northern Economics, ABR, HDR and DOWL).

Although the contractor took notes, including detailed notes on a laptop and more generalized notes on flip charts, the FWS has decided to submit written scoping comments. We invite you to submit concise, substantive comments on issues within or related to your area of expertise that should be considered for evaluation in the EIS. We especially want to highlight the most pressing issues and unique nature of the Arctic Refuge that should be described and evaluated. See the google doc for more info.

Please enter your comments in the following Google Doc (please do not delete others' comments):
https://docs.google.com/document/d/1sZhCAKBC7m0E6HUF_60kSCVJY7xn6lANn1hwZUxW-y4/edit#heading_h.gjdgxs

Please have your comments entered by June 1. Let your division point of contact know ASAP if that date is unattainable and we'll try to make alternative plans for receiving your comments. The program points of contact will review entries for duplication or clarity and submit to the Regional Director for signature and submission by the June 19th scoping deadline.

For your information the Service provided the BLM and EMPSi a PDF binder of the Resource Assessments and Select FWS Bibliography, which you can access here:
https://drive.google.com/file/d/1_124q-WQ6QnPehIZa84yENIxM4UPnzp-/view?usp_sharing

Again, thank you all!

Wendy (Regional POC)
Steve & Joanna (Arctic Refuge)
John Trawicki (NWRS)
Drew Crane (FES)
Carl Johnson (OSM)
Eric Taylor (MBM)

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

To: Sarena Selbo[sarena_selbo@fws.gov]; Charla Sterne[charla_sterne@fws.gov]
Cc: Diane Ray[diane_ray@fws.gov]
From: Wendy Loya
Sent: 2018-05-21T13:35:21-04:00
Importance: Normal
Subject: RE: 2019 QRP/SSP: process and timeline
Received: 2018-05-21T13:36:27-04:00

The region is now seeking research ideas that advance the best available science for the coastal plain of the Arctic Refuge (1002 area), particularly towards implementing responsible exploration and development of oil and gas resources for the USGS QRP/SSP program (\$337,746 available). Division leads (Eric Taylor, John Trawicki and Dew Crane) have been asked to work with their colleagues, and across divisions, to review the list of studies derived from the 1002 Resource Assessments and identify which study or studies are a good fit for the QRP/SSP opportunity, including identifying a USGS research partner. Because of the rapid-response nature of the Resource Assessments, there may be additional research needs not on the list that may be proposed.

Timeline:

May 15 - 30: Project review and id by POCs
Jun 1 - 22: Pre-proposal development
Jun 25 - Jul 6: RDT review and select
Jul 9 - Aug 30: Full proposal development
Aug 31: Proposals submitted to USGS

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Sarena Selbo <sarena_selbo@fws.gov>
Sent: Monday, May 21, 2018 9:23 AM
To: Sterne, Charla <charla_sterne@fws.gov>; Wendy Loya <wendy_loya@fws.gov>
Cc: diane_ray@fws.gov
Subject: Re: 2019 QRP/SSP: process and timeline

This is great. Have we looped in John Pierce about the process for this year? I guess Aimee Devaris was asking Greg. Please write me an update I can add to my RDT notes for today. Thanks!

On May 1, 2018, at 11:02 AM, Sterne, Charla <charla_sterne@fws.gov> wrote:

I hate bison connect - premature send....

Timeline (proposed):

May 15 - 30: Project review and id by POCs
Jun 1 - 22: Pre-proposal development
Jun 25 - Jul 6: RDT review and select
Jul 9 - Aug 30: Full proposal development

Aug 31: Proposals submitted to USGS (Wendy note: this deadline is 2 weeks later than I had remembered so the timeline has more wiggle room in it; we can adjust it)

Let me know if this looks right to you, Wendy. Sarena, let us know if you see any problems with what we have proposed.

Charla

On Tue, May 1, 2018 at 10:57 AM, Sterne, Charla <charla_sterne@fws.gov> wrote:

Wendy,

Here is some text describing the QRP/SSP opportunity to share with your POCs:

"Through the Science Support Program (SSP), USGS partners with USFWS to meet priority science needs identified by the USFWS. SSP funding can extend over multiple years (≤ 3) and involve research and/or technical assistance. Through the Quick Response Program (QRP), USGS provides funds to its scientists to respond quickly to immediate, current year research and technical assistance needs of the USFWS. QRP funding can only be used for short-duration projects (<18 months) that can be completed for no more than \$50,000."

The process: Wendy will reach out to her resource area POCs to review the complete list of projects, determine if anything major was missed, and then identify their top 1 (maybe 2) projects that should be a good fit with QRP/SSP (USGS has expertise; project duration ≤ 3 years; total budget for FY19 doesn't exceed \$337,000). Pre-proposal template (attached) will be completed for each of the identified projects (should be no more than 6). RDT will select from among the pre-proposals. Leads for selected projects will develop full proposals which will be submitted to USGS around end-August.

<FY2019_PreProposalTemplate.docx>

To: Charla Sterne[charla_sterne@fws.gov]
From: Wendy Loya
Sent: 2018-05-21T14:23:59-04:00
Importance: Normal
Subject: Fwd: Moving forward with requests for pre-proposals for USGS QRP/SSP
Received: 2018-05-21T14:24:21-04:00
[FY2019 PreProposalTemplate 20180514.docx](#)

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

----- Forwarded message -----

From: Wendy Loya <Wendy_loya@fws.gov>
Date: Tue, May 15, 2018 at 10:51 AM
Subject: Moving forward with requests for pre-proposals for USGS QRP/SSP
To: Eric Taylor <eric_taylor@fws.gov>, Drew Crane <drew_crane@fws.gov>, John Trawicki <john_trawicki@fws.gov>

Hi Eric, Drew and John,

The region is now seeking proposals for the Quick Response Program (QRP) and Science Support Partnerships (SSP) for FY2019. These funds are made available annually by the U.S. Geological Survey (USGS) to address priority research needs identified by USFWS. SSP projects can extend over three years while QRP projects must be completed within 18 months and require no more than \$50,000. In FY2019, a total of \$337,746 will be available for projects that advance the best available science for the coastal plain of the Arctic National Wildlife Refuge (1002 area), particularly towards implementing responsible exploration and development of oil and gas resources. Proposed projects can extend beyond the Refuge Coastal Plain if appropriate to answering management questions.

You have been identified by your ARD (or yourself) as the lead for your division to work with your colleagues, including across divisions, to review the list of studies derived from the Resource Assessments ([link](#)) and the Resource Assessments themselves ([link](#)), and to identify which study or studies are a good fit for the QRP/SSP opportunity, including identifying a USGS research partner. Promising projects will then be described in a pre-proposal to be submitted to me, and I will forward these to the RDT for consideration and determining which should be developed into full proposals. Because of the rapid-response nature of the Resource

Assessments, there may be additional research needs not on the list that may be proposed.

Naturally, Mig Birds should consider avian studies, and include Chris Latty in discussion; FES should consider at least Polar Bears and Fish; and Refuges should consider projects within the expertise of NWRS and Arctic Refuge staff. Please also consider talking with BLM Arctic Field Office staff with relevant expertise in identifying projects which are appropriate for FWS to conduct, by considering also which studies are typically done by industry to meet their project or site specific needs. We'll work to include a biometrician and data-manager in the full proposal development.

Timeline (proposed):

May 15 - June 1: Project list review, select best fit(s) including possible USGS partner(s)

Jun 4 - 22: Pre-proposal development for best fit project(s)

Jun 25 - Jul 9: RDT review and select

Jul 9 - Aug 30: Full proposal development

Aug 31: Proposals submitted to USGS

I am sure you'll have questions, so don't hesitate to reach out to me and we can also try to have a 30 min group discussion if needed. I hope I am not overlooking any major details...?

Attached is the pre-proposal template. I'll send an invite for us to meet around June 4th to have a look at the suite of projects selected for pre-proposal development.

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

To: John Pearce[jpearce@usgs.gov]
Cc: Wendy Loya[wendy_loya@fws.gov]
From: Sterne, Charla
Sent: 2018-05-21T14:47:36-04:00
Importance: Normal
Subject: Fwd: Moving forward with requests for pre-proposals for USGS QRP/SSP
Received: 2018-05-21T14:48:34-04:00
FY2019 PreProposalTemplate 20180514.docx

John,

I brought your questions up with Wendy and she proposed that you go ahead and share with your staff the announcement below along with the list of studies, and encourage them to reach out to the POCs to explore project ideas that they may have. This way, we start the discussion before the project review step is completed and make sure that we're considering all options. Wendy is also inviting you to the POC meeting next week.

Charla

----- Forwarded message -----

From: **Wendy Loya** <wendy_loya@fws.gov>
Date: Mon, May 21, 2018 at 10:23 AM
Subject: Fwd: Moving forward with requests for pre-proposals for USGS QRP/SSP
To: Charla Sterne <charla_sterne@fws.gov>

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

----- Forwarded message -----

From: Wendy Loya <Wendy_loya@fws.gov>
Date: Tue, May 15, 2018 at 10:51 AM
Subject: Moving forward with requests for pre-proposals for USGS QRP/SSP
To: Eric Taylor <eric_taylor@fws.gov>, Drew Crane <drew_crane@fws.gov>, John Trawicki <john_trawicki@fws.gov>

Hi Eric, Drew and John,

The region is now seeking proposals for the Quick Response Program (QRP) and Science Support Partnerships (SSP) for FY2019. These funds are made available annually by the U.S.

0000009417

Geological Survey (USGS) to address priority research needs identified by USFWS. SSP projects can extend over three years while QRP projects must be completed within 18 months and require no more than \$50,000. In FY2019, a total of \$337,746 will be available for projects that advance the best available science for the coastal plain of the Arctic National Wildlife Refuge (1002 area), particularly towards implementing responsible exploration and development of oil and gas resources. Proposed projects can extend beyond the Refuge Coastal Plain if appropriate to answering management questions.

You have been identified by your ARD (or yourself) as the lead for your division to work with your colleagues, including across divisions, to review the list of studies derived from the Resource Assessments ([link](#)) and the Resource Assessments themselves ([link](#)), and to identify which study or studies are a good fit for the QRP/SSP opportunity, including identifying a USGS research partner. Promising projects will then be described in a pre-proposal to be submitted to me, and I will forward these to the RDT for consideration and determining which should be developed into full proposals. Because of the rapid-response nature of the Resource Assessments, there may be additional research needs not on the list that may be proposed.

Naturally, Mig Birds should consider avian studies, and include Chris Latty in discussion; FES should consider at least Polar Bears and Fish; and Refuges should consider projects within the expertise of NWRS and Arctic Refuge staff. Please also consider talking with BLM Arctic Field Office staff with relevant expertise in identifying projects which are appropriate for FWS to conduct, by considering also which studies are typically done by industry to meet their project or site specific needs. We'll work to include a biometrician and data-manager in the full proposal development.

Timeline (proposed):

May 15 - June 1: Project list review, select best fit(s) including possible USGS partner(s)

Jun 4 - 22: Pre-proposal development for best fit project(s)

Jun 25 - Jul 9: RDT review and select

Jul 9 - Aug 30: Full proposal development

Aug 31: Proposals submitted to USGS

I am sure you'll have questions, so don't hesitate to reach out to me and we can also try to have a 30 min group discussion if needed. I hope I am not overlooking any major details...?

Attached is the pre-proposal template. I'll send an invite for us to meet around June 4th to have a look at the suite of projects selected for pre-proposal development.

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

To: Wendy Loya[Wendy_loya@fws.gov]
Cc: Charla Sterne[charla_sterne@fws.gov]
From: Pearce, John
Sent: 2018-05-21T15:45:24-04:00
Importance: Normal
Subject: Re: More about FWS approach to QRP/SSP in 2018 for projects related to Arctic Refuge Coastal Plain
Received: 2018-05-21T15:45:35-04:00

OK. So, we will send you the ideas in an email (with cc to the FWS leads) on Friday, June 1st. That way you'll have the initial ideas for the Monday, June 4th meeting.
John

John M. Pearce, Ph.D.
Supervisory Wildlife Biologist
Manager, Wetland and Terrestrial Ecosystems Office
U.S. Geological Survey, Alaska Science Center
4210 University Drive
Anchorage, Alaska 99508
Tel. 907.786.7094
Email: jpearce@usgs.gov
http://alaska.usgs.gov/staff/staffbio.php?employeeid_173

On Mon, May 21, 2018 at 11:03 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi John,

I think it would be great if USGS staff had some ideas related to potential collaborative research projects that would help inform management of the Arctic Refuge Coastal Plain and they reached out to staff at FWS anytime now. I assume most folks over there know the folks over here, and when I look through the Resource Assessments (that were the source for the list of research needs "Frankensheet"), I see that most include consultation with USGS. However, if there are staff that are unsure who to contact, let them know they can contact me (or through you) and I can share names from here.

Although the list is long, I do think the Resource Assessments were generally very good. Feel free to share those with any USGS staff looking for background if unfamiliar with the topics of Arctic Refuge Coastal Plain and Oil and Gas effects.

https://drive.google.com/file/d/1_124q-WQ6QnPehIZa84yENIxM4UPnzp-/view?usp=sharing

Project will move from FWS Staff to Division POCs (Eric (birds), Drew (Bears, fish, ESA), John T (all

other Refuge topics) to me and then on to our Regional Directorate Team for selection if they exceed the funds available. So ideas from USGS should go in a the FWS staff level.

Thanks John!

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

From: Pearce, John <jpearce@usgs.gov>

Sent: Monday, May 21, 2018 10:40 AM

To: Wendy Loya <wendy_loya@fws.gov>; Charla Sterne <charla_sterne@fws.gov>

Subject: Re: Invitation: Check in on QRP/SSP Project ideas @ Mon Jun 4, 2018 2:30pm - 3:30pm (AKDT) (jpearce@usgs.gov)

Wendy,

Thanks for the invite for meeting on June 4th. Does this mean the pre-proposal development period (June 1-22) identified in the recent email won't really start until June 5th, after this meeting? I'm just trying to understand the timeline so I can inform my folks here. Also, should we wait on any pre-proposal discussions with FWS staff until after this meeting to make sure that those ideas are within the priority topic areas for FWS?

Thanks,

John

John M. Pearce, Ph.D.
Supervisory Wildlife Biologist
Manager, Wetland and Terrestrial Ecosystems Office
U.S. Geological Survey, Alaska Science Center
4210 University Drive
Anchorage, Alaska 99508
Tel. 907.786.7094
Email: jpearce@usgs.gov
http://alaska.usgs.gov/staff/staffbio.php?employeeid_173

On Mon, May 21, 2018 at 10:33 AM, Wendy Loya <wendy_loya@fws.gov> wrote:

[more details »](#)

Check in on QRP/SSP Project ideas

Check-in on the project ideas being put forth for USGS QRP/SSP Pre-proposals, talk through any questions. Pre-proposals will be due to on June 22nd.

When Mon Jun 4, 2018 2:30pm – 3:30pm Alaska Time

Where Science Applications conference room ([map](#))

Video call https://hangouts.google.com/hangouts/_/doi.gov/wendy-loya

Calendar jpearce@usgs.gov

Who

- wendy_loya@fws.gov - organizer
- Sterne, Charla
- jpearce@usgs.gov
- John Trawicki
- Drew Crane
- eric_taylor@fws.gov

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account jpearce@usgs.gov because you are subscribed for invitations on calendar jpearce@usgs.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

To: Stephanie Brady[stephanie_brady@fws.gov]; Loya, Wendy[wendy_loya@fws.gov]
Cc: Joanna Fox[joanna_fox@fws.gov]
From: Berendzen, Steve
Sent: 2018-05-21T16:07:47-04:00
Importance: Normal
Subject: Fwd: Updated Seismic Project Initiation Letter and Schedule for Review
Received: 2018-05-21T16:07:54-04:00
PIL Seismic EA May 18 2018 v2.docx

Thanks for letting me know, Stephanie - I overlooked the fact that replying would not send the attachment with it.....

Steve Berendzen
Refuge Manager, Arctic National Wildlife Refuge
907 456 0253

----- Forwarded message -----

From: **LaMarr, Sarah** <slamarr@blm.gov>
Date: Fri, May 18, 2018 at 3:49 PM
Subject: Fwd: Updated Seismic Project Initiation Letter and Schedule for Review
To: Nichelle Jones <njones@blm.gov>, Steve Berendzen <steve_berendzen@fws.gov>, Joanna Fox <joanna_fox@fws.gov>
Cc: "Wixon, Donna" <dwixon@blm.gov>

Sorry, sent email too soon! Now it's attached!

Sarah La Marr
Bureau of Land Management
Arctic District Office
Fairbanks, Alaska
907-474-2334 (desk)
907-888-3407 (cell)
slamarr@blm.gov

----- Forwarded message -----

From: **LaMarr, Sarah** <slamarr@blm.gov>
Date: Fri, May 18, 2018 at 3:48 PM
Subject: Updated Seismic Project Initiation Letter and Schedule for Review
To: Nichelle Jones <njones@blm.gov>, Steve Berendzen <steve_berendzen@fws.gov>, Joanna Fox <joanna_fox@fws.gov>
Cc: "Wixon, Donna" <dwixon@blm.gov>

Please review the updated schedule in the attached PIL. Thanks, s.

Sarah La Marr
Bureau of Land Management
Arctic District Office
Fairbanks, Alaska

907-474-2334 (desk)
907-888-3407 (cell)
slamarr@blm.gov

To: Bud Cribley[bud_cribley@fws.gov]
From: Wendy Loya
Sent: 2018-05-21T16:29:50-04:00
Importance: Normal
Subject: FW: Arctic Refuge Coastal Plain: MOU for Leasing EIS and Project Initiation Letter for Seismic EA
Received: 2018-05-21T16:30:03-04:00
[PIL_Seismic EA May 18 2018 v2.docx](#)
[DRAFT BLM-FWS MOU 5.15.18.docx](#)

Meant to include you also so you'd have the PIL for the Seismic EA.....

From: Wendy Loya <Wendy_loya@fws.gov>
Sent: Monday, May 21, 2018 12:27 PM
To: Greg Siekaniec <greg_siekaniec@fws.gov>; Karen Clark <karen_clark@fws.gov>
Subject: Arctic Refuge Coastal Plain: MOU for Leasing EIS and Project Initiation Letter for Seismic EA

Hi Karen and Greg,

Steve and Joanna at Arctic Refuge have taken the lead on the Coastal Plain Seismic EA, and that process being administered separately at BLM from the Leasing EIS. There is so much to do for both that we do need different leadership, and I will work with Steve and Joanna to make sure the we have regular and consistent communication.

Attached are the 1) Draft Project Initiation Letter for the Seismic EA (PIL_Seismic EA May 18 2018), which I wanted to share given the exceptionally short time line described...this one will move quickly; and 2) the Draft MOU for the Leasing EIS which has been through reviews by FWS, BLM and the solicitor and is now on its way back to the solicitor via BLM as it moves towards finalization (Draft BLM-FWS MOU 5.15.18).

Karen, I wanted you to have a chance to consider these prior to our meeting tomorrow (Tues 22nd).

Thank you,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

----- Forwarded message -----

From: LaMarr, Sarah <slamarr@blm.gov>
Date: Fri, May 18, 2018 at 3:48 PM
Subject: Updated Seismic Project Initiation Letter and Schedule for Review
To: Nichelle Jones <njones@blm.gov>, Steve Berendzen <steve_berendzen@fws.gov>, Joanna Fox <joanna_fox@fws.gov>
Cc: "Wixon, Donna" <dwixon@blm.gov>

Please review the updated schedule in the attached PIL. Thanks, s.

Sarah La Marr
Bureau of Land Management
Arctic District Office
Fairbanks, Alaska
907-474-2334 (desk)
907-888-3407 (cell)
slamarr@blm.gov

From: wendy_loya@fws.gov
Location: Instant Meeting Audio # b5 - CIP # b5 - CIP #
Importance: Normal
Subject: Planning for internal Arctic Refuge Coastal Plain Alternatives workshop
Start Date/Time: 2018-05-22T18:00:00-04:00
End Date/Time: 2018-05-22T19:00:00-04:00

A conversation about the proposed structure a workshop among 1002 staff on June 19-20th with the goal of defining our preferred stipulations and BMPs to share at the BLM Cooperating Agencies Alternatives workshop that is likely to be the week of July 9th. The workshop will be in Fairbanks and staff identified on the Leasing and Seismic expertise lists will be invited.

This meeting will include discussion of stipulations and BMPs relevant to both the Seismic EA and the Leasing EIS.

Our process at this point is:

1) Paul is collating as much data as he can; we will ask subject matter experts to reach out to Paul before the workshop (accounting for his leave June 1-8th) and share data that they see as important in guiding the conversations (e.g. shapefiles of important habitats or biologically sensitive or unique areas (ATSTFO). New data needs will likely be id'ed at workshop

2) We will divide the workshop into subjects. Subject Matter Experts will give a brief overview of the subject, focusing on where the resource is when it is sensitive to disturbance. We can collate that information in a Periodicity Table.

- caribou
- polar bears/bears
- migratory birds
- Fish and water resources
- other mammals/all species
- Wilderness/Recreation/Hunting
- Subsistence
- Cultural/anthropological
- Winter Overland and Seismic
- Operations not already covered
- Restore and Rehab

3) We will ask someone on staff to compile existing FWS regulations that we can use as a basis for identifying stipulations and BMPs, in addition to the science to support that.

From: Google Calendar
Location: Instant Meeting Audio # **b5 - CIP** #
Importance: Normal
Subject: Tentatively Accepted: Planning for internal Arctic Refuge Coastal Plain Alterna... @ Tue May 22, 2018 2pm - 3pm (AKDT) (wendy_loya@fws.gov)
Start Date/Time: 2018-05-22T18:00:00-04:00
End Date/Time: 2018-05-22T19:00:00-04:00
[invite.ics](#)

Joanna Fox has replied "Maybe" to this invitation.

Planning for internal Arctic Refuge Coastal Plain Alternatives workshop

A conversation about the proposed structure a workshop among 1002 staff on June 19 20th with the goal of defining our preferred stipulations and BMPs to share at the BLM Cooperating Agencies Alternatives workshop that is likely to be the week of July 9th. The workshop will be in Fairbanks and staff identified on the Leasing and Seismic expertise lists will be invited.

This meeting will include discussion of stipulations and BMPs relevant to both the Seismic EA and the Leasing EIS.

Our process at this point is:

1) Paul is collating as much data as he can; we will ask subject matter experts to reach out to Paul before the workshop (accounting for his leave June 1 8th) and share data that they see as important in guiding the conversations (e.g. shapefiles of important habitats or biologically sensitive or unique areas (ATSTFO). New data needs will likely be id'ed at workshop

2) We will divide the workshop into subjects. Subject Matter Experts will give a brief overview of the subject, focusing on where the resource is when it is sensitive to disturbance. We can collate that information in a Periodicity Table.

- caribou
- polar bears/bears
- migratory birds
- Fish and water resources
- other mammals/all species
- Wilderness/Recreation/Hunting
- Subsistence
- Cultural/anthropological
- Winter Overland and Seismic
- Operations not already covered
- Restore and Rehab

Video call

https://hangouts.google.com/hangouts/_/doi.gov/wendy

[loya](#)

3) We will ask someone on staff to compile existing FWS regulations that we can use as a basis for identifying stipulations and BMPs, in addition to the science to support that.

When
Where

Tue May 22, 2018 2pm - 3pm Alaska Time

Instant Meeting Audio # **65 - CIP** # ([map](#))

0000009430

Calendar

wendy_loya@fws.gov

Who

-
-
-
-
-
-

wendy_loya@fws.gov
Stephen Arthur
Paul Leonard
Drew Crane
John Trawicki
Joanna Fox

Invitation from [Google Calendar](#)

You are receiving this email at the account wendy_loya@fws.gov because you are subscribed for invitation replies on calendar wendy_loya@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

To: karen_a_murphy@fws.gov[karen_a_murphy@fws.gov];
wendy_loya@fws.gov[wendy_loya@fws.gov]
From: Sarena Selbo
Sent: 2018-05-21T17:45:38-04:00
Importance: Normal
Subject: Fwd: Invitation: Meeting with Science on FY 2018 Spend Plan Performance Me... @ Wed May 23, 2018 10am - 11am (EDT) (seth_mott@fws.gov)
Received: 2018-05-21T17:45:45-04:00

Begin forwarded message:

From: Sarena Selbo <sarena_selbo@fws.gov>
Date: May 21, 2018 at 1:42:58 PM AKDT
To: "Mott, Seth" <seth_mott@fws.gov>
Cc: mitch_ellis@fws.gov
Subject: Re: Invitation: Meeting with Science on FY 2018 Spend Plan Performance Me... @ Wed May 23, 2018 10am - 11am (EDT) (seth_mott@fws.gov)

Internal Consult with FWS HQ

[Redacted content]

[Redacted content]

On May 18, 2018, at 7:45 AM, Mott, Seth <seth_mott@fws.gov> wrote:

See below about upcoming discussion on new performance measure...if you have any thoughts/input, please send it to me before Tuesday.

----- Forwarded message -----

From: Kim Howze <kim_howze@fws.gov>
Date: Fri, May 18, 2018 at 10:16 AM
Subject: Invitation: Meeting with Science on FY 2018 Spend Plan Performance Me... @ Wed May 23, 2018 10am - 11am (EDT) (seth_mott@fws.gov)
To: seth_mott@fws.gov, "autemesa_palmer@fws.gov" <autemesa_scott@fws.gov>, cecilia_todd@fws.gov,

chris_nolin@fws.gov

[more details »](#)

Meeting with Science on FY 2018 Spend Plan Performance Metrics

Hi Cecilia and Seth,

Internal Consult with FWS HQ

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Thanks,
Kim

--
Seth Mott, Deputy Assistant Director
Science Applications
703 358 1969
seth_mott@fws.gov
U.S. FISH & WILDLIFE SERVICE
MS: SA 3N091
5275 LEESBURG PIKE
FALLS CHURCH, VA 22041-3803

To: Scott Guyer[sguyer@blm.gov]
From: Wendy Loya
Sent: 2018-05-21T19:33:43-04:00
Importance: Normal
Subject: RE: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska
Received: 2018-05-21T19:33:52-04:00

Elizabeth_powers@fws.gov
John_swords@fws.gov

I can reserve room if you can send invite

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Guyer, Scott <sguyer@blm.gov>
Sent: Monday, May 21, 2018 3:29 PM
To: Wendy Loya <Wendy_loya@fws.gov>
Subject: Re: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska

Ok, that sounds good! Would you like me to set up a meeting? If so can you give me Elizabeth and John's last names. However, you would have to book the conference room.

Scott

On Mon, May 21, 2018 at 3:19 PM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Could do 9 Weds with Elizabeth and John.

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Guyer, Scott <sguyer@blm.gov>
Sent: Monday, May 21, 2018 3:07 PM
To: Wendy Loya <Wendy_loya@fws.gov>
Subject: Fwd: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska

Wendy- Hey, how about getting together with ABR Wednesday morning some time? 9 or 10 am work for you? I have meetings in the afternoon. I could also meet tomorrow morning but am also busy tomorrow afternoon. Thanks!

----- Forwarded message -----

From: **Aaron Wells** <awells@abrinc.com>

Date: Mon, May 21, 2018 at 1:10 PM

Subject: Re: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska

To: "Guyer, Scott" <sguyer@blm.gov>

Cc: Wendy Loya <Wendy_loya@fws.gov>, Matt Macander <mmacander@abrinc.com>

Scott, yes, I am available to provide a brief presentation describing ABRs land cover experience and methods in the arctic. I'd like to invite our remote sensing expert, Matt Macander, to the meeting as well.

I'm available this week and Monday of next week. After that I am at a lichen workshop in Anchorage and then I depart for field work to St. Matthew Island. I'll be back on June 16 to Anchorage and will be available for most the rest of June.

Aaron

Aaron F. Wells Ph.D. | Senior Ecologist/Principal | [ABR Inc. Environmental Research and Services](#)
1225 E. Intl. Airport Road #101 | Anchorage, AK 99518 | o 907.344.6777 ext. 222 | c 907.888.8625 |

On Mon, May 21, 2018 at 8:22 AM, Guyer, Scott <sguyer@blm.gov> wrote:

Hi Arron,

As Wendy has mentioned I will be assisting FWS with planning and evaluating land cover needs covering the 1002 and outlying areas within ANWR. Would you sometime in the near future be able to provide a brief presentation describing ABRs land cover experience and methods in the arctic? There might be an opportunity to also discuss other data collection as well, soils, NWI etc. Thanks!

Scott Guyer

Landscape Initiatives Coordinator

907-223-6759

On Fri, May 18, 2018 at 10:51 AM, Aaron Wells <awells@abrinc.com> wrote:

Wendy, thank you for this update. I look forward to working with you and Scott moving forward. Should I continue with developing our ROM estimates as we discussed earlier this week?

Aaron

Aaron F. Wells Ph.D. | Senior Ecologist/Principal | [ABR Inc. Environmental Research and Services](#)

On Fri, May 18, 2018 at 9:04 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:
Hi Aaron,

Scott Guyer at BLM is going to help us with identifying the pathway forward on veg mapping, he will likely reach out to you for more information on our behalf. Future emails should include the 3 of us ☺

Thank you,
Wendy

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Aaron Wells <awells@abrinc.com>

Sent: Monday, May 14, 2018 12:16 PM

To: Wendy Loya <Wendy_loya@fws.gov>

Subject: Re: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska

Hi Wendy, Just following up with you on some action items from our phone call last Friday.

First, I followed up with our GIS team and we can perform all three of the tasks you are interested in for ANWR: landcover mapping, NHD mapping, and NWI mapping. We have experience on past projects in all of these areas.

Second, your question about the cost of the Selawik NWR ELS mapping that we did in parallel with the Arctic Network of National Parks back in 2005-2009. We looked into this but given the different objectives for ANWR (landcover mapping, NHD mapping, and NWI mapping) we don't think the costs for the Selawik work we did are a good comparison. So, we are working on preparing a Rough Order of Magnitude (ROM) cost estimate of what we think it will take to complete the 3 objectives you are interested in. This ROM estimate will hopefully give you a sense of if we are in the ballpark with regards to your budget. I plan to have the ROM estimate ready for you by the end of the week.

Third, I wanted to pass along to you some information about hydrology and aquatic habitat mapping we completed for NPR-A in 2015. The report for this work is available online. I mention it here only to give you some more examples of work we have done in the past. Were you to contract with us for work in ANWR we would certainly tailor our approach to

your specific needs and budget.

Below is a brief synopsis:

In our 2015 project report we prepared an aquatic habitat map for 3 watersheds in western NPRA that is similar to the Fish Creek CAFÉ lake dataset of [Jones et al. \(2017\)](#). We used the aquatic habitat mapping to prepare 1) maps of potential distribution of 39 fish species, and 2) and prepared a hypothetical case study to illustrate the utility of the aquatic-habitat classification and mapping in development planning and permitting.

Download our 2015 report using this link: [Onshore/Nearshore: ABR ONES Desktop Studies 2014-2015 Final Reports](#)

The aquatic habitat mapping is in Section 4.1 starting on PDF page 58 (printed page 44).

In the same report our remote sensing expert, Matt Macander, prepared a map of seasonal water dynamics for the majority of NPRA using a time-series of Landsat images.

The seasonal water-cover analysis can be used to characterize habitat features such as sedge marshes and drained-lake basins, both of which are flooded in the spring and drain through the summer. It also could provide a way to assess the connectivity of lakes that only occasionally are connected to flowing water during periods of high water. This kind of approach when combined with a landcover map can provide more accurate and meaningful map classes.

The 2015 report is quite large. For a shorter synopsis of the entirety of our work in NPR-A from 2010-2015 please see our Executive Summary report available at this link:

[ABR ONES Executive Summary 2010-2015](#)

Please let me know if you have any questions.

Sincerely,
Aaron Wells

Aaron F. Wells Ph.D. | Senior Ecologist/Principal | [ABR Inc. Environmental Research and Services](#)
1225 E. Intl. Airport Road #101 | Anchorage, AK 99518 | o 907.344.6777 ext. 222 | c 907.888.8625 |

On Fri, May 11, 2018 at 10:30 AM, Aaron Wells <awells@abrinc.com> wrote:
Hi Wendy, I just returned your call and left a voicemail. I'm in the office today through 5:00 pm. My only commitment is a call from 11:00 to noon, otherwise I'm available.

Aaron F. Wells Ph.D. | Senior Ecologist/Principal | ABR Inc. Environmental Research and Services
1225 E. Intl. Airport Road #101 | Anchorage, AK 99518 | o 907.344.6777 ext. 222 | c 907.888.8625 |

On Fri, May 11, 2018 at 9:18 AM, Wendy Loya <Wendy_loya@fws.gov> wrote:

Hi Aaron,

Left you a voice message, feel free to give me a call at your convenience.

786-3532

Dr. Wendy M. Loya, Coordinator
Office of Science Applications -Arctic Program
US Fish and Wildlife Service
Anchorage, Alaska
907.786.3532 (office)
907.277.2942 (mobile)

From: Aaron Wells <awells@abrinc.com>

Sent: Tuesday, April 24, 2018 10:42 AM

To: Wendy_Loya@fws.gov; Diane Granfors <diane_granfors@fws.gov>; steve_wackowski@ios.doi.gov

Subject: [EXTERNAL] ABR, Inc. statement of interested in working with USFWS in Alaska

Hello Diane, Wendy, and Steve,

My name is Aaron Wells and I am Senior Ecologist and Principal at [ABR, Inc. Environmental Research & Services](#) in Anchorage, AK. I would like to express our interest in working with the U.S. Fish and Wildlife Service (USFWS) in ANWR and across Alaska to provide timely, scientifically rigorous data and mapping products for use in inventorying, managing, and monitoring refuge lands.

ABR was founded as Alaska Biological Research in 1976 in Fairbanks. We specialize in biological and ecological consulting services and are best known for promoting rigorous and objective science within the context of a triple bottom line business philosophy: economic viability, environmental stewardship, and social responsibility.

ABR has completed over 800,000 acres of Integrated Terrain Unit (ITU) mapping on the central Beaufort Coastal Plain on Alaska's North Slope over the past 25 years. The ITU mapping has been used to produce maps of wildlife habitats, soils, wetlands, rare plant habitat suitability, and oil and winter traffic sensitivity. Also, we are currently working on a manuscript describing the ITU mapping methods to be submitted to Arctic, Antarctic, and Alpine research for publication. An example of this work is the report [Ecological Land Survey in the Northeast Planning area of the National Petroleum](#)

Reserve Alaska (NPRA), 2002. We recently completed 110,000 acres of ITU mapping at a 1:10,000 scale in 4 months from field work to final map product. It would be very straight forward for us to extend this mapping into the 1002 area of ANWR.

We have also developed landcover, ecosystem, and soil maps for all of the National Parks in the Arctic Network. This work is described in the Ecological Land Survey And Synthesis For The Arctic Network Of National Parks. As part of a related project we also extended this mapping into Selawik NWR. This project was completed in 3 years from start to finish. Using a similar mapping approach we could extend the Arctic Network National Park mapping into ANWR to provide a seamless mapping product across the Brooks Range. A major advantage of our mapping approach is that, rather than mapping soils and vegetation separately, we provide an integrated vegetation and soils map thus saving time and money. We also use ancillary data whenever possible to reduce time in the field thus reducing costs.

Over the past 15 years, we have mapped ~80% of the National Park lands in Alaska, averaging ~3 million acres of mapping per year. I recently presented on our NPS mapping to the Alaska Geospatial Council (AGC) vegetation working group. Here is a link to my presentation: [active link](#) (it may take a few minutes to load).

We've also worked across NPRA and produced a map of ecosystems and wildlife habitats for an area the size of the state of Indiana. We accomplished this in 4 years. Additionally we developed a seasonal water-cover analysis and mapping using a time-series of Landsat images. This map can be used to characterize habitat features such as sedge marshes and drained-lake basins, both of which are flooded in the spring and drain through the summer. See our ABR ONES Executive Summary 2010-2015 for an overview of this project.

We are currently working on compiling all of our vegetation and soil data from arctic Alaska into a single, integrated PostgreSQL database to facilitate analysis and data sharing.

Lastly, ABR is involved in several working groups throughout the state and nationally, including the Arctic and Pacific Forests (myself) and Boreal (my co-worker JJ Frost) working groups of the U.S. National Vegetation Classification, the AGC Vegetation Working group (myself and JJ), and the NRCS initial soil mapping and digital soil mapping working groups (myself). Additionally, I am volunteering as vegetation ecologist on the 2018 USFWS expedition to St. Matthew Island.

In closing I would like to express again our interest in working with the USFWS in ANWR and across Alaska. We are equally comfortable working independently or collaboratively with an inter-disciplinary, inter-agency team, and/or with universities.

Thank you for your time.

Sincerely,
Aaron Wells

Aaron F. Wells Ph.D. | Senior Ecologist/Principal | ABR Inc. Environmental Research and Services
1225 E. Intl. Airport Road #101 | Anchorage, AK 99518 | o 907.344.6777 ext. 222 | c 907.888.8625 |

Error! Filename not specified. Error! Filename not specified.

--

Scott Guyer
Landscape Initiatives Coordinator
Alaska State Office
907-223-6759 (wk cell)

*"Not the victory but the action, Not the goal but the game,
In the deed the Glory!"*

--

Scott Guyer
Landscape Initiatives Coordinator
Alaska State Office
907-223-6759 (wk cell)

*"Not the victory but the action, Not the goal but the game,
In the deed the Glory!"*

--

Scott Guyer
Landscape Initiatives Coordinator
Alaska State Office
907-223-6759 (wk cell)

*"Not the victory but the action, Not the goal but the game,
In the deed the Glory!"*

To: Clark, Karen[karen_clark@fws.gov]
Cc: Andrea Medeiros[andrea_medeiros@fws.gov]; Gregory Siekaniec[greg_siekaniec@fws.gov]; Mitch Ellis[mitch_ellis@fws.gov]; Colligan, Mary[mary_colligan@fws.gov]; Sara Boario[sara_boario@fws.gov]; Drew Crane[drew_crane@fws.gov]; Wendy Loya[wendy_loya@fws.gov]
From: Murphy, Karen
Sent: 2018-05-22T12:04:36-04:00
Importance: Normal
Subject: Re: URGENT-INPUT NEEDED: 1002 remarks
Received: 2018-05-22T12:04:44-04:00
[1002 Communications-EA-NRWS MRE KPC KM.docx](#)

Good morning,
I found a few punctuation and formatting changes that came out of the various edits.

Thanks,
Karen M

*Karen A Murphy
Science Applications
907-786-3501
karen_a_murphy@fws.gov*

On Tue, May 22, 2018 at 7:46 AM, Clark, Karen <karen_clark@fws.gov> wrote:

I made a couple minor additional edits. Greg, do you have any additional edits?
Andrea, let's talk about next steps this morning.

Thanks to everyone for their work on this!

Karen

Karen P. Clark
Deputy Regional Director
U.S. Fish & Wildlife Service- Alaska Region
1011 E Tudor Rd, MS 374
Anchorage, AK 99503
karen_clark@fws.gov
907.786.3542 office
907.786.3493 direct
907.786.3306 fax

On Mon, May 21, 2018 at 3:29 PM, Andrea Medeiros <andrea_medeiros@fws.gov> wrote:

I can take care of all of that once I get everyone's edits.

Andrea Medeiros
U.S. Fish and Wildlife Service,
Alaska Region, External Affairs **tEAm**
Public Affairs Specialist
(907) 786-3695
Mobile: (907) 227-4788

Connect with us:



On Mon, May 21, 2018 at 3:24 PM Greg Siekaniec <greg_siekaniec@fws.gov> wrote:

Thank you Mary,
Nice work editing the language. It may be my iPad but there are some edits needed as spaces are missing, double periods, etc.

Greg
Sent from my iPad

On May 21, 2018, at 6:01 PM, Ellis, Mitch <mitch_ellis@fws.gov> wrote:

I agree with Mary's comments and added two additional edits. See attached.

Mitch Ellis
Chief of Refuges - Alaska
National Wildlife Refuge System
US Fish and Wildlife Service
(907)786-3667 wk
(907)947-4416 mob

On Mon, May 21, 2018 at 1:59 PM, Colligan, Mary <mary_colligan@fws.gov> wrote:

My suggested edits are included in the attached.

On Mon, May 21, 2018 at 10:12 AM, Andrea Medeiros <andrea_medeiros@fws.gov> wrote:

Hi All,
Here is a draft of the communications plan RE 1002. It provides a schedule of meetings, identifies USFWS representatives attending scoping meetings, an opening statement, plan for Refuge website Home page post, and a Q and

As.

The schedule of scoping meetings will need to be updated to reflect the change in the date of the Kaktovik meeting.

Andrea Medeiros
U.S. Fish and Wildlife Service,
Alaska Region, External Affairs **tEAm**
Public Affairs Specialist
(907) 786-3695
Mobile: (907) 227-4788

Connect with us:



----- Forwarded message -----

From: Andrea Medeiros <andrea_medeiros@fws.gov>
Date: Thu, May 17, 2018 at 2:57 PM
Subject: Re: URGENT-INPUT NEEDED: 1002 remarks
To: Laury Parramore <laury_parramore@fws.gov>
Cc: Sara Boario <sara_boario@fws.gov>, Wendy Loya <wendy_loya@fws.gov>

Hi Laury,
Here is the revised communications document for 1002.

Andrea Medeiros
U.S. Fish and Wildlife Service,
Alaska Region, External Affairs **tEAm**
Public Affairs Specialist
(907) 786-3695
Mobile: (907) 227-4788

Connect with us:



On Wed, May 16, 2018 at 9:37 AM Laury Parramore <laury_parramore@fws.gov>
wrote:

Hi Sara and Andrea,
Attached is a version that has been reviewed by AD-AEA (Barbara) and AD-NWRS (Cynthia). This version reflects their revisions. Would you please address the questions in the comments? Then this can move forward to Greg and/or DOI-OCO.
Laury Marshall Parramore

--

Mary Colligan
Assistant Regional Director
Fisheries and Ecological Services
U.S. Fish and Wildlife Service, Alaska Region
1011 E. Tudor Road, MS-361
Anchorage, AK 99503
907-786-3505
cell: 907-223-5945

<1002 Communications-EA-NRWS MRE.docx>

To: Wendy Loya[wendy_loya@fws.gov]
From: Leonard, Paul
Sent: 2018-05-22T13:19:03-04:00
Importance: Normal
Subject: SNOW SOW
Received: 2018-05-22T13:19:38-04:00
Statement of Work Snow.docx

In case you'd like to read before I talk to Matthew Whitman.

Cheers,

Paul

--

Paul Leonard, PhD

Science Coordinator

Arctic LCC

101 12th Ave. Room 216

Fairbanks, AK 99701

(907) 456-0445

To: Wendy Loya[wendy_loya@fws.gov]
From: Murphy, Karen
Sent: 2018-05-22T13:22:12-04:00
Importance: Normal
Subject: Fwd: IAA 4500121348
Received: 2018-05-22T13:22:20-04:00
[IAA 4500121348 Coversheet.pdf](#)
[Budget.docx](#)
[SOW.docx](#)

Is this the "Phase 1" snow work that we budgeted \$15K for?

:)

*Karen A Murphy
Science Applications
907-786-3501
karen_a_murphy@fws.gov*

----- Forwarded message -----

From: Leonard, Paul <paul_leonard@fws.gov>
Date: Tue, May 22, 2018 at 9:07 AM
Subject: Fwd: IAA 4500121348
To: Wendy Loya <wendy_loya@fws.gov>
Cc: Karen Murphy <karen_a_murphy@fws.gov>

Just passing along this fully executing IAA.
Cheers,
Paul

----- Forwarded message -----

From: Racy, Tina <tina_racy@fws.gov>
Date: Fri, May 4, 2018 at 8:24 AM
Subject: IAA 4500121348
To: Debra Taylor <djtaylor@usgs.gov>
Cc: Paul Leonard <paul_leonard@fws.gov>, Frank Urban <furban@usgs.gov>

Please find attached below a fully executed copy of the above reference IAA for your records.

Thanks!

~~~~~

Tina Y. Racy  
Budget Analyst  
Region 7 - Fisheries/Ecological Services & Science Applications

US Fish & Wildlife Service  
1011 E. Tudor Road MS 361  
Anchorage, AK 99503

Phone: (907) 786-3475  
Email: [tina\\_racy@fws.gov](mailto:tina_racy@fws.gov)

--

Paul Leonard, PhD  
Science Coordinator  
Arctic LCC  
101 12th Ave. Room 216  
Fairbanks, AK 99701  
(907) 456-0445

**To:** Eva Patton[eva\_patton@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-22T13:47:40-04:00  
**Importance:** Normal  
**Subject:** 1002 Oil and Gas assessment USGS 1998.pdf  
**Received:** 2018-05-22T13:47:59-04:00  
1002 Oil and Gas assessment USGS 1998.pdf

**To:** Steve Berendzen[steve\_berendzen@fws.gov]; Joanna Fox[joanna\_fox@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-22T13:51:41-04:00  
**Importance:** Normal  
**Subject:** agenda items I have  
**Received:** 2018-05-22T13:51:46-04:00

Here are the topics I will bring up, FYI:

1. MOU for Leasing EIS
  - a. Stephanie and Tracy worked through a template provided by BLM;
  - b. Ready for feedback from Greg/Karen; also shared with Bud who did not have comments
2. Project Initiation Letter for Seismic EA (Steve & Joanna)
3. FWS written scoping comments
  - a. Staff are filling in google doc form; intent is to be comprehensive
  - b. Submissions are due by June 1; POC team will then edit as needed week of June 4th
  - c. Time for RDT to review and submit by June 19th
4. June 8th is a follow up North Slope Subsistence Regional Advisory Council meeting focused on updates on NPRA the Coastal Plain, by teleconference. Eva lead; Josh Ream involved; reaching out to Hollis. FWS Talking points.
5. Alternatives Workshop for Leasing EIS
  - a. To prepare for the Cooperating Agency Alternatives workshop June 9-12, we are holding an internal meeting June 19-20th in Fairbanks.
  - b. Paul Leonard is going to CCP and other literature and reaching out to staff to compile species habitat use info and locations of special and unique landscape features to help inform discussions.
  - c. Goal is to identify which stipulations should be applied where to protect refuge resources.
  - d. ~3 Reps from FWS will attend the meeting; they should
6. 2018 Funding
  - a. Science Applications was allocated \$600K towards Coastal Plain research needs, some already spent. Wendy needs to work with other divisions on overall spend plan, guided by the Operations Plan we submitted to HQ.
  - b. Meg Perdue is working with John Swords towards Financial Assistance Agreement for NWI/NHD
  - c. Scott Guyer at BLM is helping us move forward with Vegetation mapping agreement or contract
  - d. Updates from other programs
  - e. Need to schedule meeting (with whom?)
7. USGS QRP/SSP
  - a. Wendy coordinating with Charla and John Pearce on timeline and process; USGS staff outreach to region
  - b. Division POC Eric, John T and Drew are tasked with reaching out to staff to solicit pre-proposals
  - c. Pre-proposals will go to RDT on June 25th for review and selection of which to move forward. Ideally selecting by June 6th
  - d. Have until Aug 31st to submit to USGS

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Patton, Eva  
**Sent:** 2018-05-22T13:57:59-04:00  
**Importance:** Normal  
**Subject:** Re: 1002 Oil and Gas assessment USGS 1998.pdf  
**Received:** 2018-05-22T13:58:08-04:00

Thanks!

On Tue, May 22, 2018 at 9:47 AM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

--

Eva Patton  
Subsistence Council Coordinator

U.S. Fish & Wildlife Service  
Office of Subsistence Management  
1011 East Tudor Road, MS 121  
Anchorage, AK 99503-6199  
Tel: (907) 786-3358 Fax: (907) 786-3898  
1-800-478-1456  
[email:eva\\_patton@fws.gov](mailto:eva_patton@fws.gov)

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Bud Cribley  
**Sent:** 2018-05-22T14:09:06-04:00  
**Importance:** Normal  
**Subject:** Re: Information Requested - ANWR 1002 Area Development  
**Received:** 2018-05-22T14:09:13-04:00

I'm on. ??

Sent from my iPhone

On May 22, 2018, at 2:02 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Join the call ☺

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

---

**From:** Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
**Sent:** Tuesday, May 22, 2018 10:00 AM  
**To:** Howard, Amee <[amee\\_howard@fws.gov](mailto:amee_howard@fws.gov)>  
**Cc:** Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Sara Boario <[sara\\_boario@fws.gov](mailto:sara_boario@fws.gov)>; Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Subject:** Re: Information Requested - ANWR 1002 Area Development

Thank you for sharing and your response looks good.

Bud

Sent from my iPhone

On May 22, 2018, at 1:09 PM, Howard, Amee <[amee\\_howard@fws.gov](mailto:amee_howard@fws.gov)> wrote:

Hi Bud,

Hope you are well. We had an inquiry from a Senator through USFWS Division of Budget. They asked for timeline and they asked for a brief summary of background information. As BLM is the lead, I was directed to keep our response general and to be very clear that USFWS is a cooperating agency in the EIS. We provided the language below.

Let me know if you have any questions.

0000009452

Thanks so much!  
Amee

----- Forwarded message -----

From: **Howard, Amee** <[amee\\_howard@fws.gov](mailto:amee_howard@fws.gov)>  
Date: Thu, May 17, 2018 at 4:02 PM  
Subject: Re: Information Requested - ANWR 1002 Area Development  
To: "Peters, Kristen" <[kristen\\_peters@fws.gov](mailto:kristen_peters@fws.gov)>, Katherine Spomer  
<[katherine\\_spomer@fws.gov](mailto:katherine_spomer@fws.gov)>  
Cc: Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>, Sara Boario <[sara\\_boario@fws.gov](mailto:sara_boario@fws.gov)>,  
Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>, Socheata Lor  
<[socheata\\_lor@fws.gov](mailto:socheata_lor@fws.gov)>

Hi Kristen,

Thank you and Ketti for shepherding this information regarding this inquiry!

Information below that summarizes our engagement in the EIS process.

Following the passage of the Tax Act of 2017, the FWS Alaska Region (FWS), the Bureau of Land Management –Alaska (BLM) and other Alaska federal and state agencies organized to evaluate the possible types of information that might be needed to successfully implement an oil and gas program in the 1002 Area of the Arctic National Wildlife Refuge (Coastal Plain).

BLM is the lead agency in the preparation of the Coastal Plain EIS. FWS is a cooperating agency. At this time a detailed schedule for the EIS has not been released, but EIS process information is available on the project website at [www.blm.gov/alaska/coastal-plain-eis](http://www.blm.gov/alaska/coastal-plain-eis)

The FWS began to meet weekly with BLM in mid-February 2018. The topics of these meetings have included:

- i) developing a Memorandum of Understanding between BLM and FWS with regards to preparation of the Coastal Plain EIS;
- ii) identifying FWS expertise relevant to writing or reviewing the Coastal Plain Leasing EIS;
- iii) organizing information sessions led by BLM to share information with FWS on the NPRA Integrated Activity Plan/EIS and typical activities associated with exploration and development;
- iv) discussion about processes for permits and authorizations under the Marine Mammal Protection Act (MMPA) and Endangered Species Act for polar bears; and

v) working collaboratively on contacts and logistics for public scoping and Government to Government consultation with affected communities and tribes.

Public scoping meetings begin on May 22. BLM's announced list of meetings are below.

**Kaktovik, AK: Tuesday May 22**

6:30 pm, Community Hall

**Arctic Village, AK: Thursday, May 24**

10:00 am, Community Hall

**Fairbanks: Tuesday May 29**

Carlson Center, 2010 2<sup>nd</sup> Ave.

3:00-4:30pm open house, followed a presentation and comment period until 9:00pm.

**Anchorage: Wednesday May 30**

Dena'ina Center, 600 W. 7<sup>th</sup> Ave.

3:00-4:30pm open house, followed by a presentation and comment period until 9:00pm.

**Utqiagvik: Thursday, May 31**

5:00 pm, Iñupiat Heritage Center

**Venetie: Tuesday, June 12**

10:00 am, Community Hall

**Washington, DC: Friday, June 15**

National Housing Center, 1201 15<sup>th</sup> St., NW

3:00-4:30pm open house, followed by a presentation and comment period until 9:00pm

Let me know if you have any questions.

Thanks so much!

Amee

On Thu, May 17, 2018 at 9:19 AM, Peters, Kristen

<[kristen\\_peters@fws.gov](mailto:kristen_peters@fws.gov)> wrote:

Thank you, Amee!

---

Kristen Peters

Congressional and Legislative Affairs Specialist

U.S.Fish and Wildlife Service, Southeast Region

1875 Century Blvd.

Atlanta, Georgia 30345

o: (404) 679-7172

c: (404) 430-5778

[kristen\\_peters@fws.gov](mailto:kristen_peters@fws.gov)

On Thu, May 17, 2018 at 12:50 PM, Howard, Amee

<[amee\\_howard@fws.gov](mailto:amee_howard@fws.gov)> wrote:

Hi All,

I will coordinate with the R7 team and get language to Kristen by COB today (AK time).

Thanks so much!

Amee

On Thu, May 17, 2018 at 7:55 AM, Lor, Socheata

<[socheata\\_lor@fws.gov](mailto:socheata_lor@fws.gov)> wrote:

Hi Kristen,

In thinking more about these requests, should they go to Ameer Howard who is our Congressional Affairs liaison? Ameer could coordinate responses from all our programs who are involved in coastal plain work in Alaska. We have a regional arctic specialist who is the main point of contact, and also each program has a point of contact.

Ameer, please advise how best to respond to these requests. We have received one or two in recent past from Kristen.

Soch

~~~~~  
Socheata Lor, Ph.D.
Deputy Assistant Regional Director Region 7
National Wildlife Refuge System
U.S. Fish and Wildlife Service
1011 E. Tudor Road
Anchorage, AK 99503
Office: 907.786.3420
Cell: 907.891.6194
~~~~~

On Thu, May 17, 2018 at 4:24 AM, Peters, Kristen

<[kristen\\_peters@fws.gov](mailto:kristen_peters@fws.gov)> wrote:

Hi Mitch and Soch,

The Division of Budget has reached out for our help to respond for a short turnaround request for an update on ANWR from a Senate staffer. Could you provide Ketti and me with a brief update, including any milestones or a tentative schedule, that we can pass along to the staffer? The Division of Budget would like to respond to this inquiry fairly quickly and have requested an update by COB today. Do you think you could send a brief update by **COB (your time) today?**

Also, I wanted to let you know that the topic of oil and gas development in ANWR was discussed at the Secretary's hearing last week not the FY19 budget. The question and the Secretary's response is copied below. I am sharing for awareness and no action is needed.

**Sen Van Hollen (D-MD) Question:** I would be interested in the scientific data that you believe needs to be collected in order to make a sound decision on drilling in ANWR. There is a lot of concern that process will be short circuited, and it would be very helpful if you would get back to me in writing with the scientific information that you think needs to be gathered in order to make a sound judgement going forward.

**Sec Zinke Response:** We will follow NEPA to the letter of the law, and follow every regulation, policy, etc. I think the American public deserves it.

Thank you for prioritizing this short turnaround request. Let me know if you have any questions or concerns.

Kristen

---

Kristen Peters  
Congressional and Legislative Affairs Specialist  
U.S.Fish and Wildlife Service, Southeast Region  
1875 Century Blvd.  
Atlanta, Georgia 30345  
o: (404) 679-7172  
c: (404) 430-5778  
[kristen\\_peters@fws.gov](mailto:kristen_peters@fws.gov)

--

***Amee Howard***  
*Congressional and State Liaison*  
U.S. Fish & Wildlife Service  
Anchorage, Alaska  
Office: (907)786-3509  
Mobile: (907)229-8575  
Get Inspired

--

***Amee Howard***  
*Congressional and State Liaison*  
U.S. Fish & Wildlife Service  
Anchorage, Alaska

Office: (907)786-3509  
Mobile: (907)229-8575  
Get Inspired

--

*Amee Howard*  
*Congressional and State Liaison*  
**U.S. Fish & Wildlife Service**  
Anchorage, Alaska  
Office: (907)786-3509  
Mobile: (907)229-8575  
Get Inspired

**To:** Paul Leonard[paul\_leonard@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-22T15:36:56-04:00  
**Importance:** Normal  
**Subject:** Statement of Work\_Snow (002)wml.docx  
**Received:** 2018-05-22T15:37:29-04:00  
Statement of Work\_Snow (002)wml.docx

A few more small clarification edits



**To:** Drew Crane[drew\_crane@fws.gov]; John Trawicki[john\_trawicki@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-22T17:36:13-04:00  
**Importance:** Normal  
**Subject:** FW: SAE Plan of Operations Questions  
**Received:** 2018-05-22T17:36:34-04:00  
[SAE seismic questions 5.22.2018.pdf](#)

Hi Drew and John,

Drew, can you make sure to share this with anyone in FES involved in MMPA/ESA related to Coastal Plain Seismic?

John, do you want to share with NWRS leadership and relevant staff?

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>  
**Sent:** Tuesday, May 22, 2018 1:16 PM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Cc:** Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>  
**Subject:** Fwd: SAE Plan of Operations Questions

Hi Wendy,

duplicate - part of consult w/ BLM

Thank you,  
Joanna

---

Joanna L. Fox  
Deputy Refuge Manager  
Arctic National Wildlife Refuge  
101 12th Avenue, Room 236  
Fairbanks, AK 99701  
(907) 456-0549

Follow us on Facebook!

d

[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*"Do what you can, with what you have, where you are." -- Theodore Roosevelt*

----- Forwarded message -----

From: Wixon, Donna <[dwixon@blm.gov](mailto:dwixon@blm.gov)>  
Date: Tue, May 22, 2018 at 1:00 PM  
Subject: Fwd: SAE Plan of Operations Questions  
To: Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>, Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>  
Cc: Sarah LaMarr <[slamarr@blm.gov](mailto:slamarr@blm.gov)>, Shelly Jacobson <[njones@blm.gov](mailto:njones@blm.gov)>

Hi Steve and Joanna,

Attached is a copy of the questions we sent to SAExploration.

Thanks,  
Donna

Donna L Wixon  
Natural Resource Specialist  
BLM Arctic District Office  
222 University Ave  
Fairbanks, Alaska 99709  
907-474-2301 Office  
907-474-2386 Fax  
[dwixon@blm.gov](mailto:dwixon@blm.gov)

----- Forwarded message -----

From: **Wixon, Donna** <[dwixon@blm.gov](mailto:dwixon@blm.gov)>  
Date: Tue, May 22, 2018 at 11:35 AM  
Subject: SAE Plan of Operations Questions  
To: Suzan Simonds <[ssimonds@saexploration.com](mailto:ssimonds@saexploration.com)>  
Cc: Shelly Jacobson <[njones@blm.gov](mailto:njones@blm.gov)>

duplicate - part of consult w/ BLM



Thanks,  
Donna

0000009460

Donna L Wixon  
Natural Resource Specialist  
BLM Arctic District Office  
222 University Ave  
Fairbanks, Alaska 99709  
907-474-2301 Office  
907-474-2386 Fax  
[dwixon@blm.gov](mailto:dwixon@blm.gov)

**To:** Drew Crane[drew\_crane@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-22T18:03:55-04:00  
**Importance:** Normal  
**Subject:** FW: 1002 and Polar Bear Information Needs  
**Received:** 2018-05-22T18:04:05-04:00

SSP idea

**From:** Colligan, Mary <mary\_colligan@fws.gov>  
**Sent:** Friday, March 30, 2018 8:54 AM  
**To:** Gregory Siekaniec <greg\_siekaniec@fws.gov>; Karen Clark <karen\_clark@fws.gov>; Wendy Loya <wendy\_loya@fws.gov>  
**Cc:** Patrick Lemons <patrick\_lemons@fws.gov>  
**Subject:** 1002 and Polar Bear Information Needs

Greg, Karen and Wendy

We remain concerned that a project applicant and a path forward for MMPA authorization for polar bear take that may be associated with exploration and development in the 1002 area has not yet been identified. As we continue to encourage and attempt to facilitate resolution of that issue, we suggest that a number of priority information needs identified in the January joint FWS/USGS polar bear plan may be appropriate for funding this fiscal year.

In particular, we offer the following 4 initiatives:

1. **Ear Tags:** As you are aware, we identified the need for improved tagging techniques as a high priority requirement in order to obtain critical new information on habitat use and population abundance. USGS is investing in improved collars. We have made an initial investment in improved ear tag technology. The preliminary results are promising, but additional funds are necessary in order to size the tags so that they would be appropriate for use on polar bears. Funding necessary: \$120K
2. **Habitat Ecology-Den Detection:** Analyze existing information on den occurrences in the 1002 area and update and refine the habitat model. Ideally, the model would be updated using modern satellite technology such as LIDAR. This appears to be an excellent candidate for QRP/SSP funding. Funding necessary: \$150K for analysis, obtaining coverages would be additional costs.
3. **Evaluating the Efficacy of Existing Mitigation Measures:** Our plan identified the need for an analysis of existing data from oil and gas activities in Prudhoe Bay and NPRA to inform the relationship between infrastructure and polar bears, a comprehensive review of management measures applied to existing industry operations and an investigation of possible application of these to the 1002 area. This work could be conducted through a contract. Funding necessary: \$250K
4. **Development of a Population Monitoring Plan for Southern Beaufort Sea Polar Bears:** We believe initial work on this plan can and should occur this fiscal year, including meeting with Canadian researchers and managers and Alaskan Native subsistence hunters. We intend to set up a meeting with USGS in the coming weeks to explore roles and relationships and develop a specific proposal for your consideration.

We appreciate your consideration of the above requests and are available to discuss them more at your convenience.

Thanks,

Mary & Patrick

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Bud Cribley  
**Sent:** 2018-05-22T18:04:12-04:00  
**Importance:** Normal  
**Subject:** Re: SAE Plan of Operations Questions for Coastal Plain Seismic  
**Received:** 2018-05-22T18:04:14-04:00

??

Sent from my iPhone

On May 22, 2018, at 5:41 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

duplicate - part of consult w/ BLM



Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>  
**Sent:** Tuesday, May 22, 2018 1:16 PM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Cc:** Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>  
**Subject:** Fwd: SAE Plan of Operations Questions

Hi Wendy,

duplicate - part of consult w/ BLM



Thank you,  
Joanna

---

Joanna L. Fox  
Deputy Refuge Manager  
Arctic National Wildlife Refuge  
101 12th Avenue, Room 236  
Fairbanks, AK 99701  
(907) 456-0549

Follow us on Facebook!  
[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*"Do what you can, with what you have, where you are." -- Theodore Roosevelt*

----- Forwarded message -----

From: Wixon, Donna <[dwixon@blm.gov](mailto:dwixon@blm.gov)>  
Date: Tue, May 22, 2018 at 1:00 PM  
Subject: Fwd: SAE Plan of Operations Questions  
To: Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>, Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>  
Cc: Sarah LaMarr <[slamarr@blm.gov](mailto:slamarr@blm.gov)>, Shelly Jacobson <[njones@blm.gov](mailto:njones@blm.gov)>

Hi Steve and Joanna,

Attached is a copy of the questions we sent to SAExploration.

Thanks,  
Donna

Donna L Wixon  
Natural Resource Specialist  
BLM Arctic District Office  
222 University Ave  
Fairbanks, Alaska 99709  
907-474-2301 Office  
907-474-2386 Fax  
[dwixon@blm.gov](mailto:dwixon@blm.gov)

----- Forwarded message -----

From: **Wixon, Donna** <[dwixon@blm.gov](mailto:dwixon@blm.gov)>  
Date: Tue, May 22, 2018 at 11:35 AM  
Subject: SAE Plan of Operations Questions  
To: Suzan Simonds <[ssimonds@saexploration.com](mailto:ssimonds@saexploration.com)>

Cc: Shelly Jacobson <[njones@blm.gov](mailto:njones@blm.gov)>

duplicate - part of consult w/ BLM



Thanks,  
Donna

Donna L Wixon  
Natural Resource Specialist  
BLM Arctic District Office  
222 University Ave  
Fairbanks, Alaska 99709  
907-474-2301 Office  
907-474-2386 Fax  
[dwixon@blm.gov](mailto:dwixon@blm.gov)

<SAE seismic questions 5.22.2018.pdf>

**To:** Wendy Loya[wendy\_loya@fws.gov]; Mitch Ellis[mitch\_ellis@fws.gov]; Doug Damberg[doug\_damberg@fws.gov]  
**From:** Trawicki, John  
**Sent:** 2018-05-23T19:28:32-04:00  
**Importance:** Normal  
**Subject:** Fwd: FY18 Operations Plan 1002 Area - FWS  
**Received:** 2018-05-23T19:29:19-04:00  
2018\_1002\_operations\_plan\_FWS.xlsx

fyi

----- Forwarded message -----

**From:** **Ellis, Mitch** <mitch\_ellis@fws.gov>

**Date:** Wed, Apr 4, 2018 at 4:28 PM

**Subject:** FY18 Operations Plan 1002 Area - FWS

**To:** Gregory Siekaniec <greg\_siekaniec@fws.gov>, Karen Clark <karen\_clark@fws.gov>

**Cc:** Doug Damberg <doug\_damberg@fws.gov>, "Lor, Socheata" <socheata\_lor@fws.gov>, "Selbo, Sarena" <sarena\_selbo@fws.gov>, Mary Colligan <mary\_colligan@fws.gov>, Wendy Loya <wendy\_loya@fws.gov>, Eric Taylor <eric\_taylor@fws.gov>, John Trawicki <john\_trawicki@fws.gov>, Drew Crane <drew\_crane@fws.gov>

Greg and Karen here is the FY18 Operations Plan for the 1002 area of Arctic NWR. The programs did a good job pulling this together on short notice and I think it accurately reflects our intended work. Let us know if you need anything more? Thanks everyone!

---

Mitch Ellis  
Chief of Refuges - Alaska  
National Wildlife Refuge System  
US Fish and Wildlife Service  
(907)786-3667 wk  
(907)947-4416 mob

--

John Trawicki  
Water Resources Branch Chief  
National Wildlife Refuge System, Alaska  
U.S. Fish and Wildlife Service  
1011 E. Tudor Road  
Anchorage, AK 99503  
Work: (907) 786-3474  
Mobile: (907) 360-1656

"The single biggest problem with communication is the illusion that it has taken place"  
George Bernard Shaw

0000009467

**To:** Doug Damberg[doug\_damberg@fws.gov]; John Trawicki[john\_trawicki@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-24T15:00:44-04:00  
**Importance:** Normal  
**Subject:** RE: NRPC \$\$ commitment to support Arctic Refuge Coastal Plain research/monitoring projects  
**Received:** 2018-05-24T15:00:56-04:00

Thanks Doug!

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Damberg, Doug <doug\_damberg@fws.gov>  
**Sent:** Thursday, May 24, 2018 10:45 AM  
**To:** Wendy Loya <wendy\_loya@fws.gov>; John Trawicki <john\_trawicki@fws.gov>  
**Subject:** Fwd: NRPC \$\$ commitment to support Arctic Refuge Coastal Plain research/monitoring projects

FYI

Doug Damberg  
Refuge Supervisor, AK North Zone  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd.; Anchorage, AK 99503  
Office: (907) 786-3329  
Cell: (907) 947-6302

----- Forwarded message -----

**From:** Chase, Mark <mark\_chase@fws.gov>  
**Date:** Thu, May 24, 2018 at 10:32 AM  
**Subject:** Re: NRPC \$\$ commitment to support Arctic Refuge Coastal Plain research/monitoring projects  
**To:** "Damberg, Doug" <doug\_damberg@fws.gov>  
**Cc:** Mitch Ellis <mitch\_ellis@fws.gov>

Pending allocations from HQ, I dont know what we have to contribute.

The Chief has asked that I not make any commitments on funding until we receive solid numbers.

will let you know as soon as I do...

On Thu, May 24, 2018 at 12:01 PM, Damberg, Doug <[doug\\_damberg@fws.gov](mailto:doug_damberg@fws.gov)> wrote:

Mark:

We are developing an internal spend plan for the 1.2M budget ops plan directive associated with the Arctic Refuge Coastal Plain oil and gas directive. You had made a general commitment to utilize NRPC 2018 funds to support various mapping efforts (vegetation, NWI, etc.). Can you confirm the \$ amount you have committed for this effort? In our initial conversation we had asked for 300k for veg mapping and 230k for NWI/HD mapping, however there have been many different conversation strings since then so we want to make sure we are all on the same page.

Thanks again for your support!

d

Doug Damberg  
Refuge Supervisor, AK North Zone  
U.S. Fish and Wildlife Service  
1011 E. Tudor Rd.; Anchorage, AK 99503  
Office: (907) 786-3329  
Cell: (907) 947-6302

**To:** Mary Colligan[mary\_colligan@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-24T19:09:18-04:00  
**Importance:** Normal  
**Subject:** RE: Revised Plan  
**Received:** 2018-05-24T19:09:26-04:00

Hi Mary,

The sheet you has in deed the one we submitted, it was intended to reflect only the projects we knew we had funding for. The one I shared reflected all the items on our wish list, which included extra polar bear projects from the email you sent to Greg, KC and me Fri 3/30/2018 8:54 AM. I apologize for the confusion, my brain had moved beyond what we had known funding for and I hadn't looked at the previous OSA funding sheet in a while. In looking at our funding list from OSA just now, Arctic did commit to funding the polar bear tagging for \$120K (~\$80K in carryover you have from Arctic and ~\$40K new money) and we used \$155K of Arctic's carryover for the FLIR study. I was confused about the source of the \$120K as I was remembering a conversation about the Chukchi cancellation money. My error.

So, about the longer list I had: It seems like there is often some carryover from salary savings or other projects that don't fly for some reason. That is why we have the wish list I had printed out with your other priorities, and I so I still would like to know the results of your planning/funding discussions in case there is money from OSA to help with other high priorities, and we'll also use that info to keep the Frankensheet updated (the short and long lists from the Resource Assessments).

Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Colligan, Mary <mary\_colligan@fws.gov>  
**Sent:** Thursday, May 24, 2018 2:00 PM  
**To:** Wendy Loya <wendy\_loya@fws.gov>  
**Subject:** Fwd: Revised Plan

Wendy - Thanks for sitting down earlier and going over the list of projects. I am sorry if I was a bit confused, I had to go back and refresh my memory. The below is the link to the list of projects I though went forward to HQ as our commitment and what I thought the \$600K from Refuges and \$600K from OSA was being utilized to fund. The list you shared with me today was a little bit different (higher overall dollar amount and includes more polar bear projects). Can you help me understand the difference between the 2 lists and how the second (5/24/18) list came from and who it was provided to?

Thanks

----- Forwarded message -----

From: **Greg Siekaniec** <[greg\\_siekaniec@fws.gov](mailto:greg_siekaniec@fws.gov)>

Date: Wed, Apr 4, 2018 at 6:44 PM

Subject: Fwd: Revised Plan

To: [jim\\_kurth@fws.gov](mailto:jim_kurth@fws.gov)

Cc: [karen\\_clark@fws.gov](mailto:karen_clark@fws.gov), [mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov), [mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)

Jim,

Knowing how this generally works with funding being “earmarked” as part of the regional budget this is a reasonable representation of activities important to conduct in FY18. We have employees in the know and ready to ensure we can meet these project objectives. Also, this should not “break the bank” of any specific program but will require some adjustment in focus from what was anticipated prior to the Tax Act containing Arctic Coastal Plain oil and gas program language (e.g. this is a priority).

Please call if you wish to discuss prior to sending upstairs. I’m always up early should you have questions or concerns.

Greg

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Wendy Loya[wendy\_loya@fws.gov]  
**From:** Latty, Christopher  
**Sent:** 2018-05-25T17:24:37-04:00  
**Importance:** Normal  
**Subject:** Re: FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA  
**Received:** 2018-05-25T17:24:40-04:00

Things are bit late this year so everything is getting pushed back a few days.

On Fri, May 25, 2018 at 1:22 PM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

Joanna was supposed to make sure those were good dates :0!  
Well, you can download everything you want with Paul and Steve A before you leave....

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
[907.786.3532](tel:907.786.3532) (office)  
[907.227.2942](tel:907.227.2942) (mobile)

On May 25, 2018, at 13:20, Latty, Christopher <[christopher\\_latty@fws.gov](mailto:christopher_latty@fws.gov)> wrote:

Yup. I'll be out in the field that week.

On Fri, May 25, 2018 at 1:18 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

You can't decline this! What you gonna do, go out in the field and actually study birds??

LOL :>

-----Original Appointment-----

**From:** Google Calendar <[calendar-notification@google.com](mailto:calendar-notification@google.com)> **On Behalf Of** Christopher Latty  
**Sent:** Friday, May 25, 2018 1:15 PM  
**To:** [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)  
**Subject:** FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA  
**When:** Tuesday, June 19, 2018 8:30 AM to Wednesday, June 20, 2018 4:00 PM (UTC-09:00)  
Alaska.  
**Where:** Fairbanks (Refuges Conference Room)

**Christopher Latty has declined this invitation.**

## **FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA**

To prepare for the BLM's Arctic Refuge Coastal Plain Oil Leasing EIS Alternatives Workshop in July, we are holding an internal meeting June 19-20th in Fairbanks. The purpose of this meeting is to identify stipulations, best management practices and other leasing conditions to be applied to specific places that will help us achieve all of the purposes of the Arctic Refuge, from conservation of fish, wildlife, subsistence and water resources to the new purpose of an oil and gas program.

The workshop will be held in Fairbanks, and we hope to have as many people attend in person as possible for engaging, well-informed discussion across disciplines. The draft agenda is outlined below. We will set up a teleconference line for those that cannot make it to Fairbanks.

I will send out more information by subject matter group next week to help us come prepared with the data and existing regulations to support the need for stipulations similar to those found in NPRA. Paul Leonard is coordinating the compilation of spatial and temporal information on species habitat use and locations of special and unique landscape features.

DRAFT Agenda:

Arctic Refuge Coastal Plain Leasing EIS Alternatives Workshop

Tuesday June 19th

1

Welcome and Purpose

8:30-8:45

2

Intro to NPRA Alternatives & Stipulations

8:45-9:30

3

Vegetation/soils/permafrost/snow

9:30-10:00

break

4

Fish and Water resources

10:15-11:15

5

Caribou

11:15-11:45

Lunch & informal discussions

11:45-1:00

6

Polar bears/bears

1:00-2:00

7

Migratory birds

2:00-3:00

Break

8

Other mammals/all species

3:15-4:15

Meet for group dinner (optional)

5:30 pm

Wednesday June 20th

9

Wilderness/Recreation/Hunting

8:30-9:30

10

Unique features/WSR/Marine PA

930-1030

break

---

1030-1045

11

Cultural/Archaeological

10:45-11:45

Lunch & informal discussions

11:45-1:00

Subsistence

1:00-2:00

Operations not already covered

2:00-3:00

Wrap up/action items /adjourn

3:00-3:30

POC meet on next steps

3:30-5:00

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

When Tue Jun 19 8:30am – Wed Jun 20, 2018 4pm Alaska Time

Where Fairbanks (Refuges Conference Room) ([map](#))

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/wendy-loya](https://hangouts.google.com/hangouts/_/doi.gov/wendy-loya)

Calendar [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)

Who

- [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov) - organizer
  - Paul Leonard
  - Greta Burkart
  - John Trawicki
  - Randy Brown
  - Damberg, Doug
  - Jennifer Reed
  - Joanna Fox
  - Hollis Twitchell
  - Drew Crane
  - Lynnda Kahn
  - Angela Matz
  - Christopher Latty
  - Patrick O'Dell
  - Carl Johnson
  - Mitch Ellis
  - John Martin
  - Stephen Arthur
  - Steve Berendzen
  - Joshua Ream
  - Eric Taylor
  - Richard Lanctot
  - Catherine Collins
  - Socheata Lor
  - Roger Kaye
  - Edward Decleva
-

- Tim Allen
- Ryan Wilson ([ryan\\_r\\_wilson@fws.gov](mailto:ryan_r_wilson@fws.gov))
- Joshua Rose

Invitation from [Google Calendar](#)

You are receiving this email at the account [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov) because you are subscribed for invitation replies on calendar [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

--

Christopher Latty  
US Fish and Wildlife Service  
Arctic NWR  
101 12th Avenue  
Room 236  
Fairbanks, AK 99701  
cell 907-347-4300

--

Christopher Latty  
US Fish and Wildlife Service  
Arctic NWR  
101 12th Avenue  
Room 236  
Fairbanks, AK 99701  
cell 907-347-4300

**To:** Christopher Latty[[christopher\\_latty@fws.gov](mailto:christopher_latty@fws.gov)]  
**From:** Wendy Loya  
**Sent:** 2018-05-25T17:25:45-04:00  
**Importance:** Normal  
**Subject:** RE: FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA  
**Received:** 2018-05-25T17:25:53-04:00

So what's another few days ☺??

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Latty, Christopher <[christopher\\_latty@fws.gov](mailto:christopher_latty@fws.gov)>  
**Sent:** Friday, May 25, 2018 1:25 PM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Subject:** Re: FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA

Things are bit late this year so everything is getting pushed back a few days.

On Fri, May 25, 2018 at 1:22 PM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:  
Joanna was supposed to make sure those were good dates :0!

Well, you can download everything you want with Paul and Steve A before you leave....

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
[907.786.3532](tel:907.786.3532) (office)  
[907.227.2942](tel:907.227.2942) (mobile)

On May 25, 2018, at 13:20, Latty, Christopher <[christopher\\_latty@fws.gov](mailto:christopher_latty@fws.gov)> wrote:

Yup. I'll be out in the field that week.

On Fri, May 25, 2018 at 1:18 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:  
You can't decline this! What you gonna do, go out in the field and actually study birds??

LOL :->

-----Original Appointment-----

**From:** Google Calendar <[calendar-notification@google.com](mailto:calendar-notification@google.com)> **On Behalf Of** Christopher Latty  
**Sent:** Friday, May 25, 2018 1:15 PM  
**To:** [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)

**Subject:** FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA

**When:** Tuesday, June 19, 2018 8:30 AM to Wednesday, June 20, 2018 4:00 PM (UTC-09:00)  
Alaska.

**Where:** Fairbanks (Refuges Conference Room)

**Christopher Latty has declined this invitation.**

## **FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA**

To prepare for the BLM's Arctic Refuge Coastal Plain Oil Leasing EIS Alternatives Workshop in July, we are holding an internal meeting June 19-20th in Fairbanks. The purpose of this meeting is to identify stipulations, best management practices and other leasing conditions to be applied to specific places that will help us achieve all of the purposes of the Arctic Refuge, from conservation of fish, wildlife, subsistence and water resources to the new purpose of an oil and gas program.

The workshop will be held in Fairbanks, and we hope to have as many people attend in person as possible for engaging, well-informed discussion across disciplines. The draft agenda is outlined below. We will set up a teleconference line for those that cannot make it to Fairbanks.

I will send out more information by subject matter group next week to help us come prepared with the data and existing regulations to support the need for stipulations similar to those found in NPRA. Paul Leonard is coordinating the compilation of spatial and temporal information on species habitat use and locations of special and unique landscape features.

DRAFT Agenda:

Arctic Refuge Coastal Plain Leasing EIS Alternatives Workshop

Tuesday June 19th

1

Welcome and Purpose

8:30-8:45

2

Intro to NPRA Alternatives & Stipulations

8:45-9:30

3

Vegetation/soils/permafrost/snow

9:30-10:00

break

---

4

Fish and Water resources

10:15-11:15

5

Caribou

11:15-11:45

Lunch & informal discussions

11:45-1:00

6

Polar bears/bears

1:00-2:00

7

Migratory birds

2:00-3:00

Break

8

Other mammals/all species

3:15-4:15

Meet for group dinner (optional)

5:30 pm

Wednesday June 20th

9

Wilderness/Recreation/Hunting

8:30-9:30

10

Unique features/WSR/Marine PA

930-1030

break

1030-1045

11

Cultural/Archaeological

10:45-11:45

Lunch & informal discussions

11:45-1:00

Subsistence

1:00-2:00

Operations not already covered

2:00-3:00

Wrap up/action items /adjourn

3:00-3:30

POC meet on next steps

3:30-5:00

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

When Tue Jun 19 8:30am – Wed Jun 20, 2018 4pm Alaska Time

Where Fairbanks (Refuges Conference Room) ([map](#))

---

Video call [https://hangouts.google.com/hangouts/\\_/doi.gov/wendy-loya](https://hangouts.google.com/hangouts/_/doi.gov/wendy-loya)

Calendar [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)

Who

- [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov) - organizer
- Paul Leonard
- Greta Burkart
- John Trawicki
- Randy Brown
- Damberg, Doug
- Jennifer Reed
- Joanna Fox
- Hollis Twitchell
- Drew Crane
- Lynnda Kahn
- Angela Matz
- Christopher Latty
- Patrick O'Dell
- Carl Johnson
- Mitch Ellis
- John Martin
- Stephen Arthur
- Steve Berendzen
- Joshua Ream
- Eric Taylor
- Richard Lanctot
- Catherine Collins

---

- Socheata Lor
- Roger Kaye
- Edward Decleva
- Tim Allen
- Ryan Wilson ([ryan\\_r\\_wilson@fws.gov](mailto:ryan_r_wilson@fws.gov))
- Joshua Rose

Invitation from [Google Calendar](#)

You are receiving this email at the account [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov) because you are subscribed for invitation replies on calendar [wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

--

Christopher Latty  
US Fish and Wildlife Service  
Arctic NWR  
[101 12th Avenue](#)  
[Room 236](#)  
[Fairbanks, AK 99701](#)  
cell 907-347-4300

--

Christopher Latty  
US Fish and Wildlife Service  
Arctic NWR  
101 12th Avenue  
Room 236  
Fairbanks, AK 99701  
cell 907-347-4300

**To:** Joanna Fox[joanna\_fox@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-29T15:31:40-04:00  
**Importance:** Normal  
**Subject:** RE: Question about Alternatives for Seismic EA  
**Received:** 2018-05-29T15:32:42-04:00

Thank you ☺

Are you all meeting with BLM today about this? Our Leasing EIS meeting with Nicole is cancelled this week.

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>  
**Sent:** Tuesday, May 29, 2018 11:30 AM  
**To:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
**Cc:** Drew Crane <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)>; Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>  
**Subject:** Re: Question about Alternatives for Seismic EA

Hi Wendy,

When we first spoke with Shelly Jones about the EA, b5-DP  
 However, when we last spoke with her she told us she still wasn't sure that would ultimately be the case. So, for now we don't know. I'll let you know if we learn something different.

Thanks!  
Joanna

---

Joanna L. Fox  
Deputy Refuge Manager  
Arctic National Wildlife Refuge  
101 12th Avenue, Room 236  
Fairbanks, AK 99701  
(907) 456-0549

Follow us on Facebook!  
[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*“Do what you can, with what you have, where you are.” -- Theodore Roosevelt*

On Fri, May 25, 2018 at 1:27 PM Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:  
Hi Joanna,

Can you see Drew's email below asking about alternatives for Seismic EA and reply all?

The Alternatives workshop for the Leasing EIS should be at the right time to help inform the seismic stipulations needed for the Seismic EA so we are consistent in our requests across the two docs.

Thanks,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Crane, Drew <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)>  
**Sent:** Friday, May 25, 2018 1:22 PM  
**To:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
**Subject:** Re: Important note about Internal Alternatives Workshop invitation

Hey Wendy,

**SS-DP**

Do you know if  
BLM is planning on adding another one in the mix?

Thanks  
Drew

**To:** Wendy Loya[wendy\_loya@fws.gov]  
**From:** Leonard, Paul  
**Sent:** 2018-05-29T15:32:02-04:00  
**Importance:** Normal  
**Subject:** SNOW - budget  
**Received:** 2018-05-29T16:01:34-04:00  
[Statement of Work Snow.docx](#)

65 - DP [Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

--  
Paul Leonard, PhD  
Science Coordinator  
[Arctic LCC](#)  
101 12th Ave. Room 216  
Fairbanks, AK 99701  
(907) 456-0445

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Joanna Fox  
**Sent:** 2018-05-29T15:34:46-04:00  
**Importance:** Normal  
**Subject:** Re: Question about Alternatives for Seismic EA  
**Received:** 2018-05-29T15:36:24-04:00

No, we are not. Open House and Scoping starts at 3pm, so we aren't having a meeting today.

---

Joanna L. Fox  
Deputy Refuge Manager  
Arctic National Wildlife Refuge  
101 12th Avenue, Room 236  
Fairbanks, AK 99701  
(907) 456-0549

Follow us on Facebook!  
[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*“Do what you can, with what you have, where you are.” -- Theodore Roosevelt*

On Tue, May 29, 2018 at 11:31 AM Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Thank you ☺

Are you all meeting with BLM today about this? Our Leasing EIS meeting with Nicole is cancelled this week.

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

**From:** Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>  
**Sent:** Tuesday, May 29, 2018 11:30 AM

0000009487

**To:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>

**Cc:** Drew Crane <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)>; Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>

**Subject:** Re: Question about Alternatives for Seismic EA

Hi Wendy,

When we first spoke with Shelly Jones about the EA, b5-DP   
 However, when we last spoke with her she told us she still wasn't sure that would ultimately be the case. So, for now we don't know. I'll let you know if we learn something different.

Thanks!

Joanna

---

Joanna L. Fox

Deputy Refuge Manager

Arctic National Wildlife Refuge

101 12th Avenue, Room 236

Fairbanks, AK 99701

(907) 456-0549

Follow us on Facebook!

[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*"Do what you can, with what you have, where you are." -- Theodore Roosevelt*

On Fri, May 25, 2018 at 1:27 PM Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Hi Joanna,

Can you see Drew's email below asking about alternatives for Seismic EA and reply all?

The Alternatives workshop for the Leasing EIS should be at the right time to help inform the seismic stipulations needed for the Seismic EA so we are consistent in our requests across the two docs.

Thanks,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

**From:** Crane, Drew <[drew\\_crane@fws.gov](mailto:drew_crane@fws.gov)>  
**Sent:** Friday, May 25, 2018 1:22 PM  
**To:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
**Subject:** Re: Important note about Internal Alternatives Workshop invitation

Hey Wendy,

b5-DP

Do you know if BLM is planning on adding another one in the mix?

0000009489

Thanks

Drew

**To:** Mitch Ellis[mitch\_ellis@fws.gov]; Socheata Lor[socheata\_lor@fws.gov]  
**Cc:** Doug Damberg[doug\_damberg@fws.gov]; John Trawicki[john\_trawicki@fws.gov]; Karen Murphy[karen\_a\_murphy@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-29T17:57:49-04:00  
**Importance:** Normal  
**Subject:** Draft budget sheet for 1002  
**Received:** 2018-05-29T17:58:01-04:00  
Copy of 2018 1002 operations plan v3 052918.xlsx

Hi Refugees,

Attached is an update to the Operations Spreadsheet we submitted to HQ. It includes some additional projects and updated project costs. I have added a column that indicates who is most likely to pay. This does not include anything that Arctic NWR is funding directly (research by Refuge staff). When you are ready, we can share this with FES.

We should continue to coordinate further larger projects. I am putting OSA down for two larger items: 1) funding a researcher to advance the snow assessment/monitoring via UAF so that we can be prepared for seismic and 2) working with Steve A, Josh Bradley and Paul on a data management technician contract to recover existing information and help prepare for a modern data management program to support refuge decision making. OSA will likely have some additional funding and can work across divisions to determine how to prioritize spending that together.

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**To:** Wendy Loya[wendy\_loya@fws.gov]; John Trawicki[john\_trawicki@fws.gov]; Drew Crane[drew\_crane@fws.gov]; stephanie\_brady[stephanie\_brady@fws.gov]  
**Cc:** Steve Berendzen[steve\_berendzen@fws.gov]  
**From:** Joanna Fox  
**Sent:** 2018-05-29T18:21:42-04:00  
**Importance:** Normal  
**Subject:** Fwd: Cancelling Seismic EA Meeting this Afternoon  
**Received:** 2018-05-29T18:22:52-04:00

In light of the fact that this afternoon's 3pm EA meeting has been cancelled, Shelly provided the following update on the project. Steve should be sending the Project Initiation Letter (PIL) out today.

---

Joanna L. Fox  
Deputy Refuge Manager  
Arctic National Wildlife Refuge  
101 12th Avenue, Room 236  
Fairbanks, AK 99701  
(907) 456-0549

Follow us on Facebook!  
[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*"Do what you can, with what you have, where you are." -- Theodore Roosevelt*

----- Forwarded message -----

**From:** Jones, Nichelle (Shelly) <njones@blm.gov>  
**Date:** Tue, May 29, 2018 at 12:20 PM  
**Subject:** Cancelling Seismic EA Meeting this Afternoon  
**To:** Steve Berendzen <steve\_berendzen@fws.gov>, Fox, Joanna <joanna\_fox@fws.gov>, LaMarr, Sarah <slamarr@blm.gov>, Donna Wixon <dwixon@blm.gov>, Robert Brumbaugh <rbrumbau@blm.gov>

Duplicate - part of consult w/ BLM



Duplicate - part of consult w/ BLM



-Shelly

Shelly Jones  
Acting Manager  
Arctic District Office  
222 University Avenue  
Fairbanks, AK 99709

(907) 474-2310 (w)  
(907) 460 0086 (c)

**To:** Joanna Fox[joanna\_fox@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-29T19:57:16-04:00  
**Importance:** Normal  
**Subject:** RE: New Meeting?  
**Received:** 2018-05-29T19:57:26-04:00

Hi Joanna,

This sounds helpful but should not exclude them from putting down their plan of operations in writing ☺. The June 5<sup>th</sup> presentation would be informative to staff in Anchorage, so if we can work with BLM to make it a webinar, that would be great.

I see Donna is also asking about a meeting on July 10<sup>th</sup> in her email, that is the date of the Leasing EIS Alternatives workshop (July 9-12<sup>th</sup>) so while that will only include 3 FWS staff (TBD), it should include the BLM Arctic field staff that are on the Leasing EIS IDT team. So maybe that date is not good .

Thanks Joanna!  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Joanna Fox <joanna\_fox@fws.gov>  
**Sent:** Tuesday, May 29, 2018 3:48 PM  
**To:** Roger Kaye <Roger\_Kaye@fws.gov>; Christopher Latty <christopher\_latty@fws.gov>; Jennifer Reed <jennifer\_reed@fws.gov>; Stephen Arthur <stephen\_arthur@fws.gov>; Burkart, Greta <greta\_burkart@fws.gov>; Hollis Twitchell <hollis\_twitchell@fws.gov>; Joshua Rose <joshua\_rose@fws.gov>; Brown, Randy <randy\_j\_brown@fws.gov>; Patrick O'Dell <patrick\_odell@fws.gov>; Edward Decleva <edward\_decleva@fws.gov>; Erin Carver <erin\_carver@fws.gov>; Swem, Ted <ted\_swem@fws.gov>; Susan LaKowski <susan\_lakowski@fws.gov>  
**Cc:** Wendy Loya <wendy\_loya@fws.gov>; Drew Crane <drew\_crane@fws.gov>; John Trawicki <john\_trawicki@fws.gov>; stephanie\_brady <stephanie\_brady@fws.gov>; Steve Berendzen <steve\_berendzen@fws.gov>  
**Subject:** Fwd: New Meeting?

Duplicate - part of consult w/ BLM



Thanks!  
Joanna

---

Joanna L. Fox  
Deputy Refuge Manager  
Arctic National Wildlife Refuge  
101 12th Avenue, Room 236  
Fairbanks, AK 99701  
(907) 456-0549

Follow us on Facebook!  
[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*"Do what you can, with what you have, where you are." -- Theodore Roosevelt*

----- Forwarded message -----

From: Wixon, Donna <[dwixon@blm.gov](mailto:dwixon@blm.gov)>  
Date: Tue, May 29, 2018 at 3:26 PM  
Subject: New Meeting?  
To: Jones, Nichelle (Shelly) <[njones@blm.gov](mailto:njones@blm.gov)>  
Cc: Steve Berendzen <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>, Fox, Joanna <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>, LaMarr, Sarah <[slamarr@blm.gov](mailto:slamarr@blm.gov)>, Robert Brumbaugh <[rbrumbau@blm.gov](mailto:rbrumbau@blm.gov)>

Duplicate - part of consult w/ BLM



Donna L Wixon  
Natural Resource Specialist  
BLM Arctic District Office

0000009495

222 University Ave  
Fairbanks, Alaska 99709  
907-474-2301 Office  
907-474-2386 Fax  
[dwixon@blm.gov](mailto:dwixon@blm.gov)

On Tue, May 29, 2018 at 12:20 PM, Jones, Nichelle (Shelly) <[njones@blm.gov](mailto:njones@blm.gov)> wrote:

Duplicate - part of consult w/ BLM



-Shelly

Shelly Jones  
Acting Manager  
Arctic District Office  
222 University Avenue  
Fairbanks, AK 99709

(907) 474-2310 (w)  
(907) 460 0086 (c)

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Lanctot, Richard  
**Sent:** 2018-05-30T12:34:15-04:00  
**Importance:** Normal  
**Subject:** Re: FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA  
**Received:** 2018-05-30T12:34:24-04:00

Hi Wendy,

I am in the field now, back on Friday for one day, and then in the field from 4 - 30 June.

I have access to e mail but not lots of time to respond to much of anything. I will try to put some notes on the Scoping document on Friday when I get back to town.

Cheers, Rick

\*\*\*\*\*

Richard Lanctot, PhD  
Region 7 Shorebird Coordinator  
U.S. Fish and Wildlife Service  
1011 East Tudor Road, MS 201  
Anchorage, Alaska 99503  
Ph: 907-786-3609  
Fax: 907-786-3641  
Cell: 907-440-9733  
E-mail: [richard\\_lanctot@fws.gov](mailto:richard_lanctot@fws.gov)

\*\*\*\*\*

"Hockey is Life - Keep your stick on the ice!" Unknown author

2018-05-25 13:08 GMT-08:00 <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>:

**To:** Wendy Loya[wendy\_loya@fws.gov]; John Trawicki[john\_trawicki@fws.gov]  
**From:** Crane, Drew  
**Sent:** 2018-05-30T13:31:46-04:00  
**Importance:** Normal  
**Subject:** meeting today  
**Received:** 2018-05-30T13:31:52-04:00

Hey there,

b6 [REDACTED] conflict with today's meeting. Just a couple of updates from me to share with the group:

1. Ryan Wilson and folks from the polar bear team are meeting with USGS today to discuss the potential QRP/SSP project to decide if it is a good fit for that effort. I reached out to Randy Brown yesterday with a reminder about the QRP/SSP opportunity.
2. Given her location and familiarity with the BLM staff in FBX, Sarah Conn will be the POC for the seismic EA for ES. She and I will continue to coordinate on the project, but BLM and refuge staff are encouraged to work with her as questions or issues come up. Christopher Putnam will continue to coordinate with BLM and SAE on the ITR application.

Thanks

Drew Crane  
Regional Endangered Species Coordinator  
Alaska Region  
U.S. Fish and Wildlife Service  
1011 E. Tudor Road  
Anchorage, AK 99503  
907-786-3323

**To:** Ellis, Mitch[mitch\_ellis@fws.gov]  
**Cc:** Lor, Socheata[socheata\_lor@fws.gov]; Wendy Loya[wendy\_loya@fws.gov]; Andrea Medeiros[andrea\_medeiros@fws.gov]; Doug Damberg[doug\_damberg@fws.gov]  
**From:** Shire, Gavin  
**Sent:** 2018-05-30T17:25:33-04:00  
**Importance:** Normal  
**Subject:** Re: WaPo wants comment on a permit for seismic activity in the 1002  
**Received:** 2018-05-30T17:25:44-04:00

Yes. Thanks, Mitch.  
G

Gavin Shire  
Chief of Public Affairs  
U.S. Fish and Wildlife Service  
MS: EA  
5275 Leesburg Pike  
Falls Church, VA 22041-3803  
703-358-2649 (o)  
703-346-9123 (c)  
[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)

On Wed, May 30, 2018 at 4:49 PM, Ellis, Mitch <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Gavin I don't know of any 18 page response from the government to SAE? Maybe the BLM or ASLM drafted or sent a response? Communication has been scattered on this. The only involvement FWS has in the seismic application to my knowledge is helping the BLM draft the EA and some MMPA/ESA compliance work. The BLM has the lead on this per the "tax act." Hope this helps.

---

Mitch Ellis  
Chief of Refuges - Alaska  
National Wildlife Refuge System  
US Fish and Wildlife Service  
(907)786-3667 wk  
(907)947-4416 mob

On Wed, May 30, 2018 at 12:34 PM, Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)> wrote:

See E-mail below from Gavin Shire, Chief of External Affairs in HQ. He got a call from a reporter with the Washington Post about a permit request from the Kuukpic Corporation for seismic work in the 1002 Area. The reporter claims to have an 18-page response leaked from us. He is requesting some additional information.

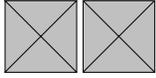
Wouldn't the BLM be the one handling permit applications for seismic work in the 1002?

---

Andrea Medeiros  
U.S. Fish and Wildlife Service,  
Alaska Region, External Affairs **tEAm**  
Public Affairs Specialist  
(907) 786-3695

Mobile: (907) 227-4788

Connect with us:



----- Forwarded message -----

From: Shire, Gavin <[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)>

Date: Wed, May 30, 2018 at 12:23 PM

Subject: WaPo wants comment on a permit for seismic activity in the 1002

To: Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>, Sara Boario <[sara\\_boario@fws.gov](mailto:sara_boario@fws.gov)>

Steve Mufson, 202-334-6414

The application is from S.A.Xplorations, the Arctic Slope Corp. and Kaktovic Inupiat Corp. (together the Kuukpic Corp) for the Marsh Creek Plan.

Reporter has a leaked 18-page response that he wants either verified or some official response from us and also to know whether we have received any other applications for seismic exploration in the 1002.

His deadline is today!

Hoping you can help craft a response,

G

Gavin Shire  
Chief of Public Affairs  
U.S. Fish and Wildlife Service  
MS: EA  
[5275 Leesburg Pike](#)  
[Falls Church, VA 22041-3803](#)  
703-358-2649 (o)  
703-346-9123 (c)  
[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)

0000009500

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**Cc:** Paul Leonard[paul\_leonard@fws.gov]; Elizabeth Powers[elizabeth\_powers@fws.gov]  
**From:** Guyer, Scott  
**Sent:** 2018-05-30T17:58:27-04:00  
**Importance:** Normal  
**Subject:** Re: FW: Land Cover SOW  
**Received:** 2018-05-30T17:58:30-04:00  
[1002-LandCoverMapSOW-Draft MAY30updates.docx](#)

Wendy- I have attached a SOW with track changes and made the updates we discussed. I think I made the updates based on the notes I was taking but please review, thanks!  
Scott

On Tue, May 29, 2018 at 10:58 AM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Thanks Scott! Forwarding to Paul and Elizabeth who will be in the discussion tomorrow. I have the same conf room reserved at FWS for tomorrow, and we can use the conf line or just call Paul directly

**From:** Guyer, Scott <[sguyer@blm.gov](mailto:sguyer@blm.gov)>  
**Sent:** Tuesday, May 29, 2018 10:56 AM  
**To:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
**Subject:** Land Cover SOW

Wendy- I am still looking this over but thought I would send along the latest version. Please review in preparation for our meeting tomorrow. If you have any questions a head of time let me know!

--

*Scott Guyer*

*Landscape Initiatives Coordinator*

Alaska State Office

907-223-6759 (wk cell)

*"Not the victory but the action, Not the goal but the game,*

0000009501

***In the deed the Glory!"***

--

***Scott Guyer***

***Landscape Initiatives Coordinator***

Alaska State Office

907-223-6759 (wk cell)

***"Not the victory but the action, Not the goal but the game,***

***In the deed the Glory!"***

**To:** Cribley, Bud[bud\_cribley@fws.gov]  
**Cc:** Wendy Loya[wendy\_loya@fws.gov]  
**From:** Clark, Karen  
**Sent:** 2018-05-31T11:19:29-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T11:20:16-04:00

Hey Bud, I am not familiar with the 18 page letter referenced in this article. Wendy- can you weigh in?  
Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:16 AM, Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Yes, I believe so. It is the one referred to in the news article.

Bud

On Thu, May 31, 2018 at 11:11 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Hey Bud! Are you talking about the cooperating agency response letter?  
Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
[1011 E Tudor Rd, MS 374](mailto:karen_clark@fws.gov)  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--

**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

--

**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

**To:** wendy\_loya@fws.gov[wendy\_loya@fws.gov]  
**From:** Mitch Ellis  
**Sent:** 2018-05-31T11:43:06-04:00  
**Importance:** Normal  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T11:43:15-04:00

Did you figure this one out? The WaPo article references this document. Can you send Karen and I the "18-pager"?

Sent from my iPhone

Begin forwarded message:

**From:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>  
**Date:** May 31, 2018 at 7:41:27 AM AKDT  
**To:** "Clark, Karen" <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>  
**Cc:** "Cribley, Bud" <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>, "Colligan, Mary" <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?  
Thanks, Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

0000009505

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--

**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

**To:** Mitch Ellis[mitch\_ellis@fws.gov]  
**Cc:** Cribley, Bud[bud\_cribley@fws.gov]; Colligan, Mary[mary\_colligan@fws.gov]; Wendy Loya[wendy\_loya@fws.gov]  
**From:** Clark, Karen  
**Sent:** 2018-05-31T11:56:17-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T11:57:06-04:00

Thanks Mitch!

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:41 AM, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?  
Thanks, Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley** 

Date: Thu, May 31, 2018 at 10:31 AM

Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--

**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

**To:** Wendy Loya[wendy\_loya@fws.gov]  
**Cc:** Mitch Ellis[mitch\_ellis@fws.gov]; Clark, Karen[karen\_clark@fws.gov]; Colligan, Mary[mary\_colligan@fws.gov]  
**From:** Cribley, Bud  
**Sent:** 2018-05-31T12:01:50-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T12:01:57-04:00

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,

Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
[907.786.3532](tel:907.786.3532) (office)  
[907.227.2942](tel:907.227.2942) (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
[1011 E Tudor Rd, MS 374](mailto:karen.p.clark@fws.gov)  
Anchorage, AK 99503

[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted  
to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR  
draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--

**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

--

**Bud C Cribley**  
**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**  
**Office # 202-208-4331**  
**Cell # 907-717-5141**  
**Office # MIB 3341**  
**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

**To:** Bud Cribley[bud\_cribley@fws.gov]  
**Cc:** Mitch Ellis[mitch\_ellis@fws.gov]; Karen Clark[karen\_clark@fws.gov]; Mary Colligan[mary\_colligan@fws.gov]; Joanna Fox[joanna\_fox@fws.gov]; Andrea Medeiros[andrea\_medeiros@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-31T12:44:44-04:00  
**Importance:** Normal  
**Subject:** RE: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T12:45:10-04:00  
[SAE seismic questions 5.22.2018.pdf](#)  
[FWS questions and comments re SAE seismic application.docx](#)

Hi Everyone,

With regards to: [https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc\\_story.html?utm\\_term=.3fb70592e362](https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc_story.html?utm_term=.3fb70592e362)

Here is the context and documents related to the FWS and BLM response to the seismic application by SAE for the 1002 area:

After receiving the seismic application for activities in the Arctic National Wildlife Refuge Coastal Plain, BLM Arctic Field Office made a request to their staff and FWS Arctic Refuge staff on May 7<sup>th</sup> for additional information needed to process the application, with questions due back by May 11<sup>th</sup>.

- Arctic Refuge staff contributed their comments on what additional information they felt was needed and that was collated and returned to BLM Arctic Field Office. The file name of the attachment is "FWS Questions and Comments re SAE seismic application.doc" and it is 14 pages.
- BLM then collated the comments they felt were necessary to be answered, which is attached as "SAE seismic questions 5.22.2018" and is 11 pages.

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
**Sent:** Thursday, May 31, 2018 8:02 AM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:  
I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
[907.786.3532](tel:907.786.3532) (office)  
[907.227.2942](tel:907.227.2942) (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
[1011 E Tudor Rd, MS 374](mailto:karen_clark@fws.gov)  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud  
<[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:  
Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--

**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

--

**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

**To:** Wendy Loya[wendy\_loya@fws.gov]  
**Cc:** Mitch Ellis[mitch\_ellis@fws.gov]; Socheata Lor[socheata\_lor@fws.gov]; Doug Damberg[doug\_damberg@fws.gov]; Paul Ross[paul\_ross@ios.doi.gov]; Barbara Wainman[barbara\_wainman@fws.gov]; Gavin Shire[gavin\_shire@fws.gov]  
**From:** Andrea Medeiros  
**Sent:** 2018-05-31T12:55:28-04:00  
**Importance:** Normal  
**Subject:** Re: WaPo wants comment on a permit for seismic activity in the 1002  
**Received:** 2018-05-31T12:56:16-04:00  
[twitter-icon Signature Block.jpg](#)  
[Facebook Logo for Email Signature Block.png](#)

Wendy, Could you reach out to BLM to ask if they know what this document could be?

---

Andrea Medeiros  
U.S. Fish and Wildlife Service,  
Alaska Region, External Affairs **tEAm**  
Public Affairs Specialist  
(907) 786-3695  
Mobile: (907) 227-4788

Connect with us:



On Thu, May 31, 2018 at 7:53 AM Shire, Gavin <[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)> wrote:

The [Post article](#) published this morning referencing the FWS response in detail. I am now getting calls from other reporters (E&E, Washington Examiner) asking for copies or to confirm its existence. What can I say here? Clearly something exists, but no one seems to know about it. Really need to get to the bottom of this one!

G

Gavin Shire  
Chief of Public Affairs  
U.S. Fish and Wildlife Service  
MS: EA  
5275 Leesburg Pike  
Falls Church, VA 22041-3803  
703-358-2649 (o)  
703-346-9123 (c)  
[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)

On Wed, May 30, 2018 at 4:49 PM, Ellis, Mitch <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Gavin I don't know of any 18 page response from the government to SAE? Maybe the BLM or ASLM drafted or sent a response? Communication has been scattered on this. The only involvement FWS has in the seismic application to my knowledge is helping the BLM draft the EA and some MMPA/ESA compliance work. The BLM

has the lead on this per the "tax act." Hope this helps.

---

Mitch Ellis  
Chief of Refuges - Alaska  
National Wildlife Refuge System  
US Fish and Wildlife Service  
(907)786-3667 wk  
(907)947-4416 mob

On Wed, May 30, 2018 at 12:34 PM, Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)> wrote:

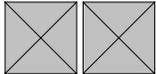
See E-mail below from Gavin Shire, Chief of External Affairs in HQ. He got a call from a reporter with the Washington Post about a permit request from the Kuukpic Corporation for seismic work in the 1002 Area. The reporter claims to have an 18-page response leaked from us. He is requesting some additional information.

Wouldn't the BLM be the one handling permit applications for seismic work in the 1002?

---

Andrea Medeiros  
U.S. Fish and Wildlife Service,  
Alaska Region, External Affairs **tEAm**  
Public Affairs Specialist  
(907) 786-3695  
Mobile: (907) 227-4788

Connect with us:



----- Forwarded message -----

From: Shire, Gavin <[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)>

Date: Wed, May 30, 2018 at 12:23 PM

Subject: WaPo wants comment on a permit for seismic activity in the 1002

To: Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>, Sara Boario <[sara\\_boario@fws.gov](mailto:sara_boario@fws.gov)>

Steve Mufson, 202-334-6414

The application is from S.A.Xplorations, the Arctic Slope Corp. and Kaktovic Inupiat Corp.  
(together the Kuukpic Corp) for the Marsh Creek Plan.

Reporter has a leaked 18-page response that he wants either verified or some official response from us and also to know whether we have received any other applications for seismic exploration in the 1002.

His deadline is today!

Hoping you can help craft a response,

G

Gavin Shire  
Chief of Public Affairs  
U.S. Fish and Wildlife Service  
MS: EA  
5275 Leesburg Pike  
Falls Church, VA 22041-3803  
703-358-2649 (o)  
703-346-9123 (c)  
[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)

**To:** Andrea Medeiros[andrea\_medeiros@fws.gov]  
**Cc:** Mitch Ellis[mitch\_ellis@fws.gov]; Socheata Lor[socheata\_lor@fws.gov]; Doug Damberg[doug\_damberg@fws.gov]; Bud Cribley[bud\_cribley@fws.gov]; Karen Clark[karen\_clark@fws.gov]; Paul Ross[paul\_ross@ios.doi.gov]; Barbara Wainman[barbara\_wainman@fws.gov]; Gavin Shire[gavin\_shire@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-31T13:00:47-04:00  
**Importance:** Normal  
**Subject:** FW: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T13:01:06-04:00  
[SAE seismic questions 5.22.2018.pdf](#)  
[FWS questions and comments re SAE seismic application.docx](#)

Andrea,

Below is the response I provided to the Alaska Region RDT this morning. Bud Cribley would be a resource for our HQ staff to understand the context and process, and of course I am available for further information.

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

---

**From:** Wendy Loya <Wendy\_loya@fws.gov>  
**Sent:** Thursday, May 31, 2018 8:45 AM  
**To:** Bud Cribley <bud\_cribley@fws.gov>  
**Cc:** Mitch Ellis <mitch\_ellis@fws.gov>; Karen Clark <karen\_clark@fws.gov>; Mary Colligan <mary\_colligan@fws.gov>; Joanna Fox <joanna\_fox@fws.gov>; Andrea Medeiros <andrea\_medeiros@fws.gov>  
**Subject:** RE: [EXTERNAL] Companies'™ first step in drilling for oil in ANWR draws scathing federal response

Hi Everyone,

With regards to: [https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc\\_story.html?utm\\_term=.3fb70592e362](https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc_story.html?utm_term=.3fb70592e362)

Here is the context and documents related to the FWS and BLM response to the seismic application by SAE for the 1002 area:

After receiving the seismic application for activities in the Arctic National Wildlife Refuge Coastal Plain, BLM Arctic Field Office made a request to their staff and FWS Arctic Refuge staff on May 7<sup>th</sup> for

additional information needed to process the application, with questions due back by May 11<sup>th</sup>.

- Arctic Refuge staff contributed their comments on what additional information they felt was needed and that was collated and returned to BLM Arctic Field Office. The file name of the attachment is "FWS Questions and Comments re SAE seismic application.doc" and it is 14 pages.
- BLM then collated the comments they felt were necessary to be answered, which is attached as "SAE seismic questions 5.22.2018" and is 11 pages.

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
**Sent:** Thursday, May 31, 2018 8:02 AM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:  
I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
[907.786.3532](tel:907.786.3532) (office)  
[907.227.2942](tel:907.227.2942) (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud  
<[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

0000009520

--

**Bud C Cribley**  
**Senior Advisor for Energy with the U.S. Fish & Wildlife**  
**Service**  
**Office # 202-208-4331**  
**Cell # 907-717-5141**  
**Office # MIB 3341**  
**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

--

**Bud C Cribley**  
**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**  
**Office # 202-208-4331**  
**Cell # 907-717-5141**  
**Office # MIB 3341**  
**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

**To:** Lor, Socheata[socheata\_lor@fws.gov]; Wendy Loya[wendy\_loya@fws.gov]  
**Cc:** Karen Clark[karen\_clark@fws.gov]  
**From:** Ellis, Mitch  
**Sent:** 2018-05-31T13:34:02-04:00  
**Importance:** Normal  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T13:34:16-04:00  
[SAE seismic questions 5.22.2018.pdf](#)  
[FWS questions and comments re SAE seismic application.docx](#)

Just got off the phone with Gavin...he had to run to a meeting so we've already talked. We're okay, let's catch up later and I'll fill you in on his input and advice.

---

Mitch Ellis  
Chief of Refuges - Alaska  
National Wildlife Refuge System  
US Fish and Wildlife Service  
(907)786-3667 wk  
(907)947-4416 mob

----- Forwarded message -----

**From:** **Shire, Gavin** <[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)>  
**Date:** Thu, May 31, 2018 at 9:02 AM  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**To:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>, Doug Damberg <[doug\\_damberg@fws.gov](mailto:doug_damberg@fws.gov)>, "Lor, Socheata" <[socheata\\_lor@fws.gov](mailto:socheata_lor@fws.gov)>

This is the document. Can you find out more about who wrote this, whether it is still in draft or was finalized, how the Post might have got it, etc.?

Thanks,

G

Gavin Shire  
Chief of Public Affairs  
U.S. Fish and Wildlife Service  
MS: EA  
5275 Leesburg Pike  
Falls Church, VA 22041-3803  
703-358-2649 (o)  
703-346-9123 (c)  
[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)

----- Forwarded message -----

**From:** **Barbara Wainman** <[barbara\\_wainman@fws.gov](mailto:barbara_wainman@fws.gov)>  
**Date:** Thu, May 31, 2018 at 12:56 PM  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

To: Gavin Shire <[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)>

Barbara W. Wainman  
Assistant Director, External Affairs  
US Fish and Wildlife Service  
(202) 208 5256 (office)  
(571) 471 4159 (cell)

----- Forwarded message -----

From: Jim Kurth <[jim\\_kurth@fws.gov](mailto:jim_kurth@fws.gov)>  
Date: Thu, May 31, 2018 at 12:51 PM  
Subject: Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: <[barbara\\_wainman@fws.gov](mailto:barbara_wainman@fws.gov)>

Sent from my iPhone

Begin forwarded message:

**From:** "Clark, Karen" <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>  
**Date:** May 31, 2018 at 12:48:35 PM EDT  
**To:** Greg Siekaniec <[greg\\_siekaniec@fws.gov](mailto:greg_siekaniec@fws.gov)>, Jim Kurth <[jim\\_kurth@fws.gov](mailto:jim_kurth@fws.gov)>  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct

0000009523

907.786.3306 fax

----- Forwarded message -----

From: **Wendy Loya** <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>

Date: Thu, May 31, 2018 at 8:44 AM

Subject: RE: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

Cc: Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>, Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>, Mary Colligan <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>, Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>, Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>

Hi Everyone,

With regards to: [https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc\\_story.html?utm\\_term=.3fb70592e362](https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc_story.html?utm_term=.3fb70592e362)

Here is the context and documents related to the FWS and BLM response to the seismic application by SAE for the 1002 area:

After receiving the seismic application for activities in the Arctic National Wildlife Refuge Coastal Plain, BLM Arctic Field Office made a request to their staff and FWS Arctic Refuge staff on May 7<sup>th</sup> for additional information needed to process the application, with questions due back by May 11<sup>th</sup>.

- Arctic Refuge staff contributed their comments on what additional information they felt was needed and that was collated and returned to BLM Arctic Field Office. The file name of the attachment is "FWS Questions and Comments re SAE seismic application.doc" and it is 14 pages.
- BLM then collated the comments they felt were necessary to be answered, which is attached as "SAE seismic questions 5.22.2018" and is 11 pages.

Thank you,

Wendy

0000009524

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

**Sent:** Thursday, May 31, 2018 8:02 AM

**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>

**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>

**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications- Arctic Program

Anchorage, Alaska

907.786.3532 (office)

907.227.2942 (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen  
<[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark

Deputy Regional Director

U.S. Fish & Wildlife Service- Alaska Region

1011 E Tudor Rd, MS 374

Anchorage, AK 99503

[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)

907.786.3542 office

907.786.3493 direct

907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud  
<[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the  
commitment letter we submitted to BLM on the  
seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR  
draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

[http://www.adn.com/business-  
economy/energy/2018/05/31/companies-first-step-  
in-drilling-for-oil-in-anwr-draws-scathing-federal-  
response/](http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/)

Sent from my iPhone

--

**Bud C Cribley**

Senior Advisor for Energy with the U.S. Fish & Wildlife Service

Office # 202-208-4331

Cell # 907-717-5141

**Office # MIB 3341**

**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

--

**Bud C Cribley**

**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**

**Office # 202-208-4331**

**Cell # 907-717-5141**

**Office # MIB 3341**

**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

**To:** Andrea Medeiros[andrea\_medeiros@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-05-31T13:36:21-04:00  
**Importance:** Normal  
**Subject:** FW: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T13:36:30-04:00

fYI

**From:** Ellis, Mitch <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>  
**Sent:** Thursday, May 31, 2018 9:34 AM  
**To:** Lor, Socheata <[socheata\\_lor@fws.gov](mailto:socheata_lor@fws.gov)>; Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Cc:** Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Just got off the phone with Gavin...he had to run to a meeting so we've already talked. We're okay, let's catch up later and I'll fill you in on his input and advice.

---

Mitch Ellis  
Chief of Refuges - Alaska  
National Wildlife Refuge System  
US Fish and Wildlife Service  
(907)786-3667 wk  
(907)947-4416 mob

----- Forwarded message -----

**From:** **Shire, Gavin** <[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)>  
**Date:** Thu, May 31, 2018 at 9:02 AM  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**To:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>, Doug Damberg <[doug\\_damberg@fws.gov](mailto:doug_damberg@fws.gov)>, "Lor, Socheata" <[socheata\\_lor@fws.gov](mailto:socheata_lor@fws.gov)>

This is the document. Can you find out more about who wrote this, whether it is still in draft or was finalized, how the Post might have got it, etc.?

Thanks,

G

Gavin Shire  
Chief of Public Affairs  
U.S. Fish and Wildlife Service  
MS: EA

0000009529

5275 Leesburg Pike  
Falls Church, VA 22041-3803  
703-358-2649 (o)  
703-346-9123 (c)  
[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)

----- Forwarded message -----

From: **Barbara Wainman** <[barbara\\_wainman@fws.gov](mailto:barbara_wainman@fws.gov)>  
Date: Thu, May 31, 2018 at 12:56 PM  
Subject: Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: Gavin Shire <[gavin\\_shire@fws.gov](mailto:gavin_shire@fws.gov)>

Barbara W. Wainman  
Assistant Director, External Affairs  
US Fish and Wildlife Service  
(202) 208 5256 (office)  
(571) 471 4159 (cell)

----- Forwarded message -----

From: Jim Kurth <[jim\\_kurth@fws.gov](mailto:jim_kurth@fws.gov)>  
Date: Thu, May 31, 2018 at 12:51 PM  
Subject: Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: <[barbara\\_wainman@fws.gov](mailto:barbara_wainman@fws.gov)>

Sent from my iPhone  
Begin forwarded message:

**From:** "Clark, Karen" <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>  
**Date:** May 31, 2018 at 12:48:35 PM EDT  
**To:** Greg Siekaniec <[greg\\_siekaniec@fws.gov](mailto:greg_siekaniec@fws.gov)>, Jim Kurth <[jim\\_kurth@fws.gov](mailto:jim_kurth@fws.gov)>  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

----- Forwarded message -----

From: **Wendy Loya** <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
Date: Thu, May 31, 2018 at 8:44 AM  
Subject: RE: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
Cc: Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>, Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>, Mary Colligan <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>, Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>, Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>

Hi Everyone,

With regards to: [https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc\\_story.html?utm\\_term=.3fb70592e362](https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc_story.html?utm_term=.3fb70592e362)

Here is the context and documents related to the FWS and BLM response to the seismic application by SAE for the 1002 area:

After receiving the seismic application for activities in the Arctic National Wildlife Refuge Coastal Plain, BLM Arctic Field Office made a request to their staff and FWS Arctic Refuge staff on May 7<sup>th</sup> for additional information needed to process the application, with questions due back by May 11<sup>th</sup>.

Arctic Refuge staff contributed their comments on what additional information they felt was needed and that was collated and returned to BLM Arctic Field Office. The file name of the attachment is "FWS Questions and Comments re SAE seismic application.doc" and it is 14 pages.

BLM then collated the comments they felt were necessary to be answered, which is attached as "SAE seismic questions 5.22.2018" and is 11 pages.

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
**Sent:** Thursday, May 31, 2018 8:02 AM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
[907.786.3532](tel:907.786.3532) (office)  
[907.227.2942](tel:907.227.2942) (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone  
On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you

know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
1011 E Tudor Rd, MS 374  
Anchorage, AK 99503  
karen\_clark@fws.gov  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud  
<bud\_cribley@fws.gov> wrote:  
Karen,

Would you please send me a copy of the  
commitment letter we submitted to BLM on the  
seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR  
draws scathing federal response  
To: Bud Cribley <bud\_cribley@fws.gov>

[http://www.adn.com/business-  
economy/energy/2018/05/31/companies-first-step-  
in-drilling-for-oil-in-anwr-draws-scathing-federal-  
response/](http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/)

Sent from my iPhone

--

**Bud C Cribley**  
**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**  
**Office # 202-208-4331**  
**Cell # 907-717-5141**  
**Office # MIB 3341**  
**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

--

**Bud C Cribley**  
**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**  
**Office # 202-208-4331**  
**Cell # 907-717-5141**  
**Office # MIB 3341**  
**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Boario, Sara  
**Sent:** 2018-05-31T13:43:26-04:00  
**Importance:** Normal  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T13:43:33-04:00

I have. I'm not upset :-)) just closing all the loops. I know things get crazy easily around here.

thank you!

sb

On Thu, May 31, 2018 at 9:41 AM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

I should have, but replied to Andrea's list. Make sure to remind her too.

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

**From:** Boario, Sara <[sara\\_boario@fws.gov](mailto:sara_boario@fws.gov)>  
**Sent:** Thursday, May 31, 2018 9:38 AM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Subject:** Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Hi Wendy -

Please include me in email threads like this one. thank you.

sb

----- Forwarded message -----

From: **Andrea Medeiros** <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>

Date: Thu, May 31, 2018 at 9:28 AM

Subject: Fwd: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

To: Sara Boario <[sara\\_boario@fws.gov](mailto:sara_boario@fws.gov)>

---

Andrea Medeiros

U.S. Fish and Wildlife Service,

Alaska Region, External Affairs **tEAm**

Public Affairs Specialist

(907) 786-3695

Mobile: (907) 227-4788

Connect with us:



----- Forwarded message -----

From: Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>

Date: Thu, May 31, 2018 at 8:45 AM

0000009536

Subject: RE: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

Cc: Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>, Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>, Mary Colligan <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>, Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>, Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>

Hi Everyone,

With regards to: [https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc\\_story.html?utm\\_term=.3fb70592e362](https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc_story.html?utm_term=.3fb70592e362)

Here is the context and documents related to the FWS and BLM response to the seismic application by SAE for the 1002 area:

After receiving the seismic application for activities in the Arctic National Wildlife Refuge Coastal Plain, BLM Arctic Field Office made a request to their staff and FWS Arctic Refuge staff on May 7<sup>th</sup> for additional information needed to process the application, with questions due back by May 11<sup>th</sup>.

- Arctic Refuge staff contributed their comments on what additional information they felt was needed and that was collated and returned to BLM Arctic Field Office. The file name of the attachment is "FWS Questions and Comments re SAE seismic application.doc" and it is 14 pages.
- BLM then collated the comments they felt were necessary to be answered, which is attached as "SAE seismic questions 5.22.2018" and is 11 pages.

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

0000009537

907.786.3532 (office)

907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

**Sent:** Thursday, May 31, 2018 8:02 AM

**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>

**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>

**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications- Arctic Program

Anchorage, Alaska

[907.786.3532](tel:907.786.3532) (office)

[907.227.2942](tel:907.227.2942) (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We

can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark

Deputy Regional Director

U.S. Fish & Wildlife Service- Alaska Region

1011 E Tudor Rd, MS 374

Anchorage, AK 99503

[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)

907.786.3542 office

907.786.3493 direct

907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud  
<[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR  
draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--

**Bud C Cribley**

Senior Advisor for Energy with the U.S. Fish & Wildlife Service

Office # 202-208-4331

Cell # 907-717-5141

Office # MIB 3341

email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

--

**Bud C Cribley**

**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**

**Office # 202-208-4331**

**Cell # 907-717-5141**

**Office # MIB 3341**

**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

--

Sara D. Boario

Assistant Regional Director-External Affairs

U.S. Fish and Wildlife Service, Alaska Region

Anchorage, Alaska

907-786-3431



--

Sara D. Boario

Assistant Regional Director External Affairs

U.S. Fish and Wildlife Service, Alaska Region

Anchorage, Alaska

907 786 3431



**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Andrea Medeiros  
**Sent:** 2018-05-31T13:48:25-04:00  
**Importance:** Normal  
**Subject:** Re: FW: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-05-31T13:49:11-04:00

Yes, I got it. Thank you Wendy. We need to set a process to keep people in the loop about what is being delivered to BLM re 1002.

---

Andrea Medeiros  
U.S. Fish and Wildlife Service,  
Alaska Region, External Affairs **tEAm**  
Public Affairs Specialist  
(907) 786-3695  
Mobile: (907) 227-4788

Connect with us:



On Thu, May 31, 2018 at 9:01 AM Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Andrea,

Below is the response I provided to the Alaska Region RDT this morning. Bud Cribley would be a resource for our HQ staff to understand the context and process, and of course I am available for further information.

Thank you,

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

---

**From:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
**Sent:** Thursday, May 31, 2018 8:45 AM  
**To:** Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Mary Colligan <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>; Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>; Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>  
**Subject:** RE: [EXTERNAL] Companies'™ first step in drilling for oil in ANWR draws scathing federal response

Hi Everyone,

With regards to: [https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc\\_story.html?utm\\_term=.3fb70592e362](https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc_story.html?utm_term=.3fb70592e362)

Here is the context and documents related to the FWS and BLM response to the seismic application by SAE for the 1002 area:

After receiving the seismic application for activities in the Arctic National Wildlife Refuge Coastal Plain, BLM Arctic Field Office made a request to their staff and FWS Arctic Refuge staff on May 7<sup>th</sup> for additional information needed to process the application, with questions due back by May 11<sup>th</sup>.

- Arctic Refuge staff contributed their comments on what additional information they felt was needed and that was collated and returned to BLM Arctic Field Office. The file name of the attachment is "FWS Questions and Comments re SAE seismic application.doc" and it is 14 pages.
- BLM then collated the comments they felt were necessary to be answered, which is attached as "SAE seismic questions 5.22.2018" and is 11 pages.

Thank you,

Wendy

0000009543

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
**Sent:** Thursday, May 31, 2018 8:02 AM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>  
**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,

Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska

907.786.3532 (office)

907.227.2942 (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark

Deputy Regional Director

U.S. Fish & Wildlife Service- Alaska Region

1011 E Tudor Rd, MS 374

Anchorage, AK 99503

[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)

907.786.3542 office

907.786.3493 direct

907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud  
<[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR  
draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--

**Bud C Cribley**

Senior Advisor for Energy with the U.S. Fish & Wildlife Service

Office # 202-208-4331

Cell # 907-717-5141

Office # MIB 3341

email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

--

**Bud C Cribley**

**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**

**Office # 202-208-4331**

**Cell # 907-717-5141**

**Office # MIB 3341**

**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

**To:** Gavin Shire[gavin\_shire@fws.gov]; Andrea Medeiros[andrea\_medeiros@fws.gov]; Wendy Loya[wendy\_loya@fws.gov]  
**From:** Boario, Sara  
**Sent:** 2018-05-31T14:23:25-04:00  
**Importance:** Normal  
**Subject:** Fwd: Response  
**Received:** 2018-05-31T14:23:35-04:00

Just FYI on BLM-AK regional EA stuff

sb

----- Forwarded message -----

**From:** Boario, Sara <sara\_boario@fws.gov>  
**Date:** Thu, May 31, 2018 at 10:18 AM  
**Subject:** Re: Response  
**To:** Lesli Ellis-Wouters <lellis@blm.gov>  
**Cc:** "McIntosh, Stacie J" <s05mcint@blm.gov>

Our HQ-EA just issued this statement:

There are no public documents to share at this time. However, such responses are part of a normal, iterative process whereby we work collaboratively with both the permit applicant and our sister federal agencies to identify shortcomings or gaps in information in the application so that we can fully and appropriately evaluate it.

On Thu, May 31, 2018 at 10:13 AM, Lesli Ellis-Wouters <lellis@blm.gov> wrote:

Sara,  
FYI. This is my response for now  
We have received an application from SA Exploration and partner Arctic Slope Regional Corporation to conduct seismic geophysical exploration within the Alaska Coastal Plain. The Alaska State Office is currently reviewing the application.

The 2017 Tax Cuts & Jobs Act directs the Secretary of the Interior to establish a competitive program for leasing, development, production, and transportation of oil and gas on Alaska's Coastal Plain. Currently, the BLM is conducting public scoping in preparation of an Environmental Impact Statement for the Coastal Plain Oil and Gas Leasing Program.

***Lesli J. Ellis-Wouters***  
Communications Director  
Alaska State Office  
Bureau of Land Management  
907-271-4418 | cell - 907-331-8763

0000009548

--

Sara D. Boario  
Assistant Regional Director External Affairs  
U.S. Fish and Wildlife Service, Alaska Region  
Anchorage, Alaska  
907 786 3431



--

Sara D. Boario  
Assistant Regional Director External Affairs  
U.S. Fish and Wildlife Service, Alaska Region  
Anchorage, Alaska  
907 786 3431



**To:** Mary Colligan[mary\_colligan@fws.gov]; Mitch Ellis[mitch\_ellis@fws.gov]; Wendy Loya[wendy\_loya@fws.gov]  
**From:** Boario, Sara  
**Sent:** 2018-05-31T16:52:26-04:00  
**Importance:** Normal  
**Subject:** Fwd: Hard Stop on Comments RE: 1002 siesmic  
**Received:** 2018-05-31T16:52:34-04:00

fyi

----- Forwarded message -----

**From:** Boario, Sara <sara\_boario@fws.gov>  
**Date:** Thu, May 31, 2018 at 11:57 AM  
**Subject:** Re: Hard Stop on Comments RE: 1002 siesmic  
**To:** Lesli Ellis-Wouters <lellis@blm.gov>  
**Cc:** Stephen Wackowski <stephen\_wackowski@ios.doi.gov>, Katharine Macgregor <kate\_macgregor@ios.doi.gov>, "Siekaniiec, Greg" <greg\_siekaniiec@fws.gov>, "Karen E. Mouritsen" <kmourits@blm.gov>, "Swift, Heather" <heather\_swift@ios.doi.gov>, "Rigas, Laura" <laura\_rigas@ios.doi.gov>, faith\_vandervoort@ios.doi.gov, Ted Murphy <t75murph@blm.gov>, Jeff Krauss <jkrauss@blm.gov>, Amber Cargile <acargile@blm.gov>, "Winston, Beverly" <bwinston@blm.gov>, "McIntosh, Stacie J" <s05mcint@blm.gov>

Hi Steve -

We have issued no statement out of the Alaska Regional office. The FWS statement referenced below was issued out of our HQ. My understanding is that it was a DOI approved statement.

sb

On Thu, May 31, 2018 at 11:53 AM, Lesli Ellis-Wouters <lellis@blm.gov> wrote:

This response was sent to the following outlets:

Washington Examiner Josh Siegal  
Anchorage Daily News Alex DeMarban  
Alaska Public Media Elizabeth Harball

*We have received an application from SA Exploration and partner Arctic Slope Regional Corporation to conduct seismic geophysical exploration within the Alaska Coastal Plain. The Alaska State Office is currently reviewing the application.*

*The 2017 Tax Cuts & Jobs Act directs the Secretary of the Interior to establish a competitive program for leasing, development, production, and transportation of oil and gas on Alaska's Coastal Plain. Currently, the BLM is conducting public scoping in preparation of an Environmental Impact Statement for the Coastal Plain Oil and Gas Leasing Program.*

Alex and Elizabeth sent follow up requests for a copy of the application where I replied with the FWS statement:

0000009550

*There are no public documents to share at this time. However, such responses are part of a normal, iterative process whereby we work collaboratively with both the permit applicant and our sister federal agencies to identify shortcomings or gaps in information in the application so that we can fully and appropriately evaluate it.*

***Lesli J. Ellis-Wouters***

Communications Director  
Alaska State Office  
Bureau of Land Management  
907-271-4418 | cell - 907-331-8763

On Thu, May 31, 2018 at 11:44 AM Wackowski, Stephen <[stephen\\_wackowski@ios.doi.gov](mailto:stephen_wackowski@ios.doi.gov)> wrote:

Consult w/ OS



-Steve

Steve Wackowski  
Senior Adviser for Alaskan Affairs  
Department of the Interior  
4230 University Drive, Suite 300  
Anchorage, AK 99508  
907-271-5485

--

Sara D. Boario  
Assistant Regional Director External Affairs  
U.S. Fish and Wildlife Service, Alaska Region  
Anchorage, Alaska  
907 786 3431



--

Sara D. Boario  
Assistant Regional Director External Affairs  
U.S. Fish and Wildlife Service, Alaska Region  
Anchorage, Alaska  
907 786 3431



**To:** Wendy Loya[wendy\_loya@fws.gov]; John Trawicki[john\_trawicki@fws.gov]  
**From:** Taylor, Eric  
**Sent:** 2018-06-01T12:10:32-04:00  
**Importance:** Normal  
**Subject:** Fwd: Need to ID division lead for QRP/SSP process & timeline  
**Received:** 2018-06-01T12:10:43-04:00  
[FY2019 PreProposalTemplate 20180514.docx](#)

Hi Wendy and John

Thanks for coming by yesterday. I want to make sure I understand the process as this email indicates you are looking at 1 3 projects to put forward given the \$337,746 in USGS funding based on the list of studies from the Resource Assessments. However, yesterday, you implied other studies may be considered and that additional funds may be available is this now the current direction? Thanks for clarifying as if indeed you are considering 1 3 projects, I do not believe potential impacts of oil and gas exploration/development to migratory birds would reach the level of being 1 or 2 (or even 3).

Eric

Eric J. Taylor  
Chief, Division of Migratory Bird Management  
U.S. Fish and Wildlife Service  
1011 E. Tudor Road, MS 201  
Anchorage, Alaska 99503-6199  
907.786.3446 (office)  
907.903.7210 (cell)  
[eric\\_taylor@fws.gov](mailto:eric_taylor@fws.gov)

----- Forwarded message -----

**From:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
**Date:** Mon, May 14, 2018 at 11:08 AM  
**Subject:** Need to ID division lead for QRP/SSP process & timeline  
**To:** Mary Colligan <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>, Eric Taylor <[eric\\_taylor@fws.gov](mailto:eric_taylor@fws.gov)>  
**Cc:** Sarena Selbo <[sarena\\_selbo@fws.gov](mailto:sarena_selbo@fws.gov)>, Charla Sterne <[charla\\_sterne@fws.gov](mailto:charla_sterne@fws.gov)>

Hi Mary, Mitch and Eric,

The RDT decided to focus the funding from the USGS QRP/SSP program on science needs for the Arctic Refuge Coastal Plain (1002 Area) for the 2019 request.

There is \$337,746 available in 2019, so we are likely looking at ~1-3 projects to put forward, although projects can continue past 2019 and receive additional funds in 2020 and 2021.

Can you please identify the person on your staff that would best be able to work within your division, and across divisions as needed, to review the list of studies derived from the Resource

0000009553

Assessments and identify which study or studies within division expertise are a good fit for the QRP/SSP opportunity, including identifying a USGS research partner? The PI of the proposed project would then submit a pre-proposal, and the RDT will choose from the pre-proposals which project(s) would be advanced for full-proposal development and submission to USGS.

Ideally the person identified would not likely be the PI of a proposal, know enough about the current research on the coastal plain to help provide guidance. My suggestion for Refuges would be John Trawicki (working closely with Steve Arthur, but thinking Steve as a potential PI) and for FES would be Drew Crane; both are the 1002 team POCs, but if you prefer someone else, no problem. Eric, since you are the 1002 POC and the acting ARD, I would imagine you would like to suggest someone else? I will hold a short information meeting with the leads.

Lastly, please have a look at the proposed timeline, particularly Jun 25-July 9<sup>th</sup> as the proposed review period for pre-proposals...want to make sure you see time in your schedules to read 2 page pre-proposals, then be able to engage in selection by July 9<sup>th</sup> (4<sup>th</sup> of July is on a Wednesday). We can move this out another week if needed.

Feel free to call me with any questions, this might not be enough information for you, but more details probably eiser conveyed by chatting x3532. Attaching the pre-proposal sheet that might be helpful.

Timeline (proposed):

May 15 - 31: Project review and id by Leads working with staff

Jun 1 - 22: Pre-proposal development for best fit project(s)

Jun 25 - Jul 9: RDT review and select

Jul 9 - Aug 30: Full proposal development

Aug 31: Proposals submitted to USGS

Thanks!

Wendy

Office of Science Applications -Arctic Program

0000009554

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

**To:** Karen Murphy[karen\_a\_murphy@fws.gov]; Steve Berendzen[steve\_berendzen@fws.gov]  
**Cc:** Paul Leonard[paul\_leonard@fws.gov]; Stephen Arthur[stephen\_arthur@fws.gov]; Joshua Bradley[joshua\_bradley@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-01T12:28:17-04:00  
**Importance:** Normal  
**Subject:** RE: initial draft SOW for Arctic NWR data catalog etc..  
**Received:** 2018-06-01T12:28:30-04:00  
Draft1 SOW Arctic Coastal Plain Data Catalog.docx

Hi Steve A and Josh B,

Karen M drafted the attached statement of work for the data management contract we discussed (and sent it to Steve B, but good to have him in the loop too!). Please have a look and share your thoughts back, by phone with Karen or email would be great!

I think it looks good, I did change Refuge Manager to Refuge Supervisory Ecologist for the consultation parts.

Cheers,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Murphy, Karen <karen\_a\_murphy@fws.gov>  
**Sent:** Friday, June 1, 2018 7:00 AM  
**To:** Wendy Loya <wendy\_loya@fws.gov>; Steve Berendzen <Steve\_Berendzen@fws.gov>  
**Cc:** Paul Leonard <paul\_leonard@fws.gov>  
**Subject:** initial draft SOW for Arctic NWR data catalog etc..

Hi Steve and Wendy,  
Here is my first cut at capturing the potential scope of work to assist Arctic NWR in data organization and rescue. I was able to share most of this with Paul yesterday and incorporated his comments. I am working to see if we can broaden this out in a manner that would help the Region with its data management tasks, but that would have less focus on hard copy review/recovery than what I've written here. My intent would be to keep these components (or whatever we decide they should be) that are specific to Arctic so your comments on this draft would be very helpful.

I can work on this again on Monday or Tuesday next week but will be out Wed-Friday.

Have a good day,

Karen

*Karen A Murphy*  
*Science Applications*  
907-786-3501  
[karen\\_a\\_murphy@fws.gov](mailto:karen_a_murphy@fws.gov)

**To:** Bud Cribley[bud\_cribley@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-01T12:36:54-04:00  
**Importance:** Normal  
**Subject:** RE: FW: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response  
**Received:** 2018-06-01T12:37:07-04:00

There is. Greg is on an airplane and Karen C is in DC, but think she will join. Nevertheless, we will share major updates and touch base on work to develop information collection/sharing processes that reduce the risk of pre-decisional information being shared outside the service.

Fun fun!

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>  
**Sent:** Friday, June 1, 2018 8:29 AM  
**To:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>  
**Subject:** Re: FW: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

I assume there is a coordination call today.

Bud

On Thu, May 31, 2018 at 1:00 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:  
Andrea,

Below is the response I provided to the Alaska Region RDT this morning. Bud Cribley would be a resource for our HQ staff to understand the context and process, and of course I am available for further information.

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

---

**From:** Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)>

---

**Sent:** Thursday, May 31, 2018 8:45 AM

**To:** Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Karen Clark <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Mary Colligan <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>; Joanna Fox <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>; Andrea Medeiros <[andrea\\_medeiros@fws.gov](mailto:andrea_medeiros@fws.gov)>

**Subject:** RE: [EXTERNAL] Companies'™ first step in drilling for oil in ANWR draws scathing federal response

Hi Everyone,

With regards to: [https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc\\_story.html?utm\\_term=.3fb70592e362](https://www.washingtonpost.com/business/economy/companies-take-first-steps-to-drill-for-oil-in-arctic-national-wildlife-refuge/2018/05/31/8f133464-643a-11e8-a768-ed043e33f1dc_story.html?utm_term=.3fb70592e362)

Here is the context and documents related to the FWS and BLM response to the seismic application by SAE for the 1002 area:

After receiving the seismic application for activities in the Arctic National Wildlife Refuge Coastal Plain, BLM Arctic Field Office made a request to their staff and FWS Arctic Refuge staff on May 7<sup>th</sup> for additional information needed to process the application, with questions due back by May 11<sup>th</sup>.

Arctic Refuge staff contributed their comments on what additional information they felt was needed and that was collated and returned to BLM Arctic Field Office. The file name of the attachment is "FWS Questions and Comments re SAE seismic application.doc" and it is 14 pages.

BLM then collated the comments they felt were necessary to be answered, which is attached as "SAE seismic questions 5.22.2018" and is 11 pages.

Thank you,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Cribley, Bud <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

**Sent:** Thursday, May 31, 2018 8:02 AM

**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>

**Cc:** Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)>; Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)>; Colligan, Mary <[mary\\_colligan@fws.gov](mailto:mary_colligan@fws.gov)>

**Subject:** Re: [EXTERNAL] Companies' first step in drilling for oil in ANWR draws scathing federal response

Thank you Wendy. There isn't any rush.

Bud

On Thu, May 31, 2018 at 11:57 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

I am on my way in and will work with you all to share documents that relate to our input to BLM on the application for seismic exploration in the Arctic Refuge.

See you shortly,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
[907.786.3532](tel:907.786.3532) (office)  
[907.227.2942](tel:907.227.2942) (mobile)

On May 31, 2018, at 07:41, Mitch Ellis <[mitch\\_ellis@fws.gov](mailto:mitch_ellis@fws.gov)> wrote:

Hi Karen. I haven't seen the "18-page" memo. Wendy and I were discussing this yesterday. I think she may know what doc the article was referring to. We can get folks a copy this morning.

Sent from my iPhone

On May 31, 2018, at 7:35 AM, Clark, Karen <[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)> wrote:

Including Mary and Mitch on the email- do you know anything about the "18-page Fish and Wildlife Service response" referenced in this article?

Thanks, Karen

Karen P. Clark  
Deputy Regional Director  
U.S. Fish & Wildlife Service- Alaska Region  
[1011 E Tudor Rd, MS 374](mailto:karen_clark@fws.gov)  
Anchorage, AK 99503  
[karen\\_clark@fws.gov](mailto:karen_clark@fws.gov)  
907.786.3542 office  
907.786.3493 direct  
907.786.3306 fax

On Thu, May 31, 2018 at 7:09 AM, Cribley, Bud  
<[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)> wrote:

Karen,

Would you please send me a copy of the commitment letter we submitted to BLM on the seismic application for the

Coastal Plain.

Thanks

Bud

----- Forwarded message -----

From: **Bud Cribley**   
Date: Thu, May 31, 2018 at 10:31 AM  
Subject: [EXTERNAL] Companies' first step in drilling for oil in ANWR  
draws scathing federal response  
To: Bud Cribley <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>

<http://www.adn.com/business-economy/energy/2018/05/31/companies-first-step-in-drilling-for-oil-in-anwr-draws-scathing-federal-response/>

Sent from my iPhone

--  
**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife  
Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

--  
**Bud C Cribley**  
Senior Advisor for Energy with the U.S. Fish & Wildlife Service  
Office # 202-208-4331  
Cell # 907-717-5141  
Office # MIB 3341  
email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)

--

**Bud C Cribley**

**Senior Advisor for Energy with the U.S. Fish & Wildlife Service**

**Office # 202-208-4331**

**Cell # 907-717-5141**

**Office # MIB 3341**

**email: [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)**

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Murphy, Karen  
**Sent:** 2018-06-01T14:19:44-04:00  
**Importance:** Normal  
**Subject:** Re: snow question  
**Received:** 2018-06-01T14:19:51-04:00

That works for me. Wish that this wasn't on your to do list too. You are pretty awesome in these 1002 meetings.

Karen

*Karen A Murphy*  
*Science Applications*  
*907-786-3501*  
*[karen\\_a\\_murphy@fws.gov](mailto:karen_a_murphy@fws.gov)*

On Fri, Jun 1, 2018 at 10:17 AM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

I could use your help in talking to them, but the SOW should be modified a little to be less applicable to a post-doc at CRU. Let me try to do that this weekend and get to you early next week. Hopefully only would take an hour or so to refocus it.

Thank you!

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Murphy, Karen <[karen\\_a\\_murphy@fws.gov](mailto:karen_a_murphy@fws.gov)>  
**Sent:** Friday, June 1, 2018 7:07 AM  
**To:** Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)>  
**Subject:** snow question

Have you thought about seeing if the AK CASC could be the conduit to move money to UAF for the snow survey? If you want to share the draft SOW with me I'm willing to ask Jeremy or Steve.

??

*Karen A Murphy*

*Science Applications*

907-786-3501

[karen\\_a\\_murphy@fws.gov](mailto:karen_a_murphy@fws.gov)

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Crane, Drew  
**Sent:** 2018-06-01T15:06:52-04:00  
**Importance:** Normal  
**Subject:** Re: FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA  
**Received:** 2018-06-01T15:07:38-04:00

Hey Wendy,

Was an agenda sent out for the wkshp? If so, could you shoot a copy to me? I'm not seeing one in my email. Sorry if I accidentally deleted it!

Drew

On Fri, Jun 1, 2018 at 11:02 AM, Angela Matz <[angela\\_matz@fws.gov](mailto:angela_matz@fws.gov)> wrote:

Hi Wendy and Drew,

I will only be able to attend the first day of this workshop, and only by phone. I'm sorry but [REDACTED] that I must attend.

However, I looked at the agenda and I think most of the topics that I would be able to contribute to are in the first day anyway. So if the agenda is similar I think you should get all you need out of me :)

Thanks, Angela

On Fri, May 25, 2018 at 1:08 PM <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

--

Angela Matz, Ph.D.  
U.S. Fish and Wildlife Service  
4700 BLM Road Anchorage, AK 99507 2546  
[angela\\_matz@fws.gov](mailto:angela_matz@fws.gov)  
Phone: 907 271 2778 Cell: 907 750 8527  
Fax: 907 271 2786 Toll Free: 1 800 272 4174

**To:** Wendy Loya[wendy\_loya@fws.gov]  
**From:** Joanna Fox  
**Sent:** 2018-06-01T15:59:39-04:00  
**Importance:** Normal  
**Subject:** Fwd: Invitation: SAExploration Presentation @ Mon Jun 4, 2018 10am - 12pm (AKDT) (joanna\_fox@fws.gov)  
**Received:** 2018-06-01T16:01:17-04:00  
[invite.ics](#)

Hi Wendy,  
Will you please share with key staff in the RO who might be interested in joining SAExploration's presentation Monday morning? I'll send additional details (the url) as soon as I receive them.

Thank you,  
Joanna

---

Joanna L. Fox  
Deputy Refuge Manager  
Arctic National Wildlife Refuge  
101 12th Avenue, Room 236  
Fairbanks, AK 99701  
(907) 456-0549

Follow us on Facebook!  
[www.facebook.com/arcticnationalwildliferefuge](http://www.facebook.com/arcticnationalwildliferefuge)

*"Do what you can, with what you have, where you are." -- Theodore Roosevelt*

----- Forwarded message -----

**From:** Donna Wixon <[dwixon@blm.gov](mailto:dwixon@blm.gov)>  
**Date:** Fri, Jun 1, 2018 at 11:49 AM  
**Subject:** Invitation: SAExploration Presentation @ Mon Jun 4, 2018 10am - 12pm (AKDT) (joanna\_fox@fws.gov)  
**To:** <[joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)>, <[joshua\\_rose@fws.gov](mailto:joshua_rose@fws.gov)>, <[stephanie\\_brady@fws.gov](mailto:stephanie_brady@fws.gov)>, <[njones@blm.gov](mailto:njones@blm.gov)>, <[steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)>, <[erin\\_carver@fws.gov](mailto:erin_carver@fws.gov)>, <[susan\\_lakomski@fws.gov](mailto:susan_lakomski@fws.gov)>, <[hollis\\_twitchell@fws.gov](mailto:hollis_twitchell@fws.gov)>, <[tvosburgh@blm.gov](mailto:tvosburgh@blm.gov)>, <[rkemnitz@blm.gov](mailto:rkemnitz@blm.gov)>, <[mwhitman@blm.gov](mailto:mwhitman@blm.gov)>, <[bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)>, <[sheila\\_dufford@fws.gov](mailto:sheila_dufford@fws.gov)>, <[kdebenham@blm.gov](mailto:kdebenham@blm.gov)>, <[rgoodwin@blm.gov](mailto:rgoodwin@blm.gov)>, <[edward\\_declava@fws.gov](mailto:edward_declava@fws.gov)>, <[charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)>, <[nheath@blm.gov](mailto:nheath@blm.gov)>, <[ted\\_swem@fws.gov](mailto:ted_swem@fws.gov)>, <[gilbert\\_castellanos@fws.gov](mailto:gilbert_castellanos@fws.gov)>, <[randy\\_j\\_brown@fws.gov](mailto:randy_j_brown@fws.gov)>, <[christopher\\_latty@fws.gov](mailto:christopher_latty@fws.gov)>, <[stephen\\_arthur@fws.gov](mailto:stephen_arthur@fws.gov)>, <[jennifer\\_reed@fws.gov](mailto:jennifer_reed@fws.gov)>, <[chamfler@blm.gov](mailto:chamfler@blm.gov)>, <[jkeeney@blm.gov](mailto:jkeeney@blm.gov)>, <[roger\\_kaye@fws.gov](mailto:roger_kaye@fws.gov)>, <[patrick\\_odell@fws.gov](mailto:patrick_odell@fws.gov)>, <[tmeares@blm.gov](mailto:tmeares@blm.gov)>, <[greta\\_burkart@fws.gov](mailto:greta_burkart@fws.gov)>, <[t75murph@blm.gov](mailto:t75murph@blm.gov)>, <[slamarr@blm.gov](mailto:slamarr@blm.gov)>, <[rbrumbau@blm.gov](mailto:rbrumbau@blm.gov)>, <[dnigro@blm.gov](mailto:dnigro@blm.gov)>, <[lbryant@blm.gov](mailto:lbryant@blm.gov)>, <[sfritz@blm.gov](mailto:sfritz@blm.gov)>, <[angela\\_matz@fws.gov](mailto:angela_matz@fws.gov)>

[more details »](#)

## SAExploration Presentation

SAExploration would like to give an on-line "skype" presentation to go over their proposed seismic action and answer some of the questions on the proposal that were submitted to them. I do not have the url for the meeting as of yet, but will let everyone know once we have it. I have reserved the Kobuk Room at BLM for anyone that would like to come here for the meeting.

When Mon Jun 4, 2018 10am – 12pm Alaska Time

Where BLM-AK FDO Kobuk Room, BLM-AK SO Bridge **b5-CIP** Passcode **b5-CIP**,  
BLM-AK FDO Steese White Mountains Conference Room ([map](#))

Video call <https://hangouts.google.com/hangouts/ /doi.gov/dwixon>

Calendar [joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)

Who

- [dwixon@blm.gov](mailto:dwixon@blm.gov) organizer
- [joshua\\_rose@fws.gov](mailto:joshua_rose@fws.gov)
- [stephanie\\_brady@fws.gov](mailto:stephanie_brady@fws.gov)
- [njones@blm.gov](mailto:njones@blm.gov)
- [steve\\_berendzen@fws.gov](mailto:steve_berendzen@fws.gov)
- [erin\\_carver@fws.gov](mailto:erin_carver@fws.gov)
- [susan\\_lakomski@fws.gov](mailto:susan_lakomski@fws.gov)
- [hollis\\_twitchell@fws.gov](mailto:hollis_twitchell@fws.gov)
- [tvosburgh@blm.gov](mailto:tvosburgh@blm.gov)
- [rkemnitz@blm.gov](mailto:rkemnitz@blm.gov)
- [mwhitman@blm.gov](mailto:mwhitman@blm.gov)
- [bud\\_cribley@fws.gov](mailto:bud_cribley@fws.gov)
- [sheila\\_dufford@fws.gov](mailto:sheila_dufford@fws.gov)
- [kdebenham@blm.gov](mailto:kdebenham@blm.gov)
- [rgoodwin@blm.gov](mailto:rgoodwin@blm.gov)
- [edward\\_decleva@fws.gov](mailto:edward_decleva@fws.gov)
- [charles\\_hamilton@fws.gov](mailto:charles_hamilton@fws.gov)
- [nheath@blm.gov](mailto:nheath@blm.gov)
- [ted\\_swem@fws.gov](mailto:ted_swem@fws.gov)
- [gilbert\\_castellanos@fws.gov](mailto:gilbert_castellanos@fws.gov)

- [randy\\_j\\_brown@fws.gov](mailto:randy_j_brown@fws.gov)
- [joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov)
- [christopher\\_latty@fws.gov](mailto:christopher_latty@fws.gov)
- [stephen\\_arthur@fws.gov](mailto:stephen_arthur@fws.gov)
- [jennifer\\_reed@fws.gov](mailto:jennifer_reed@fws.gov)
- [chamfler@blm.gov](mailto:chamfler@blm.gov)
- [jkeeney@blm.gov](mailto:jkeeney@blm.gov)
- [roger\\_kaye@fws.gov](mailto:roger_kaye@fws.gov)
- [patrick\\_odell@fws.gov](mailto:patrick_odell@fws.gov)
- [tmeares@blm.gov](mailto:tmeares@blm.gov)
- [greta\\_burkart@fws.gov](mailto:greta_burkart@fws.gov)
- [t75murph@blm.gov](mailto:t75murph@blm.gov)
- [slamarr@blm.gov](mailto:slamarr@blm.gov)
- [rbrumbau@blm.gov](mailto:rbrumbau@blm.gov)
- [dnigro@blm.gov](mailto:dnigro@blm.gov)
- [lbryant@blm.gov](mailto:lbryant@blm.gov)
- [sfritz@blm.gov](mailto:sfritz@blm.gov)
- [angela\\_matz@fws.gov](mailto:angela_matz@fws.gov)

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account [joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov) because you are subscribed for invitations on calendar [joanna\\_fox@fws.gov](mailto:joanna_fox@fws.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

**To:** Wendy Loya[wendy\_loya@fws.gov]  
**From:** Crane, Drew  
**Sent:** 2018-06-01T16:24:33-04:00  
**Importance:** Normal  
**Subject:** Re: FWS Workshop on Alternatives for Coastal Plain Leasing EIS/Seismic EA  
**Received:** 2018-06-01T16:25:29-04:00

Ah, sorry, I missed that :)

Drew Crane  
Regional Endangered Species Coordinator  
Alaska Region  
U.S. Fish and Wildlife Service  
1011 E. Tudor Road  
Anchorage, AK 99503  
907-786-3323

On Fri, Jun 1, 2018 at 11:37 AM, Wendy Loya <[wendy\\_loya@fws.gov](mailto:wendy_loya@fws.gov)> wrote:

Hi Angela,

Thanks for the info. I realized I did not include the "physical" sciences after I sent this out, but your feedback will help me as I adjust the agenda to ensure your participation. I'll send out tele/web info before the meeting.

Drew...first draft agenda is below, it is in the calendar invite info.

Thank you,  
Wendy

**Tuesday June 19th**

|                                           |             |
|-------------------------------------------|-------------|
| Welcome and Purpose                       | 8:30-8:45   |
| Intro to NPRA Alternatives & Stipulations | 8:45-9:30   |
| Vegetation/soils/permfrost/snow           | 9:30-10:00  |
| break                                     |             |
| Fish and Water resources                  | 10:15-11:15 |
| Caribou                                   | 11:15-11:45 |
| Lunch & informal discussions              | 11:45-1:00  |
| Polar bears/bears                         | 1:00-2:00   |
| Migratory birds                           | 2:00-3:00   |
| Break                                     |             |
| Other mammals/all species                 | 3:15-4:15   |
| Meet for group dinner                     | 5:30 pm     |

**Wednesday June 20th**

|                               |           |
|-------------------------------|-----------|
| Wilderness/Recreation/Hunting | 8:30-9:30 |
| Unique features/WSR/Marine PA | 930-1030  |

|                                |             |
|--------------------------------|-------------|
| break                          | 1030-1045   |
| Cultural/Archaeological        | 10:45-11:45 |
| Lunch & informal discussions   | 11:45-1:00  |
| Subsistence                    | 1:00-2:00   |
| Operations not already covered | 2:00-3:00   |
| Wrap up/action items /adjourn  | 3:00-3:30   |
| POC Meet on next steps         | 3:30-5:00   |

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

On Fri, Jun 1, 2018 at 11:03 AM Angela Matz <[angela\\_matz@fws.gov](mailto:angela_matz@fws.gov)> wrote:

Hi Wendy and Drew,

I will only be able to attend the first day of this workshop, and only by phone. I'm sorry but [REDACTED] that I must attend.

However, I looked at the agenda and I think most of the topics that I would be able to contribute to are in the first day anyway. So if the agenda is similar I think you should get all you need out of me :)

Thanks, Angela

On Fri, May 25, 2018 at 1:08 PM <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

--

Angela Matz, Ph.D.  
U.S. Fish and Wildlife Service  
4700 BLM Road Anchorage, AK 99507 2546  
[angela\\_matz@fws.gov](mailto:angela_matz@fws.gov)  
Phone: 907 271 2778 Cell: 907 750 8527  
Fax: 907 271 2786 Toll Free: 1 800 272 4174

**To:** John Trawicki[john\_trawicki@fws.gov]; Steve Berendzen[steve\_berendzen@fws.gov]; Joanna Fox[joanna\_fox@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-01T18:22:57-04:00  
**Importance:** Normal  
**Subject:** Draft Plan of Approvals for 1002 Deliverables.docx  
**Received:** 2018-06-01T18:55:51-04:00  
Draft Plan of Approvals for 1002 Deliverables.docx

Hi Steve, Joanna, John T,

Attached is my first draft of our operations plan for review of future information that will be submitted to BLM. Please edit with tracked changes and if you can get comments back to me COB today, I'll finish up after hours and still send as a draft to ARDs and RD for further work.

Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**To:** Gregory Siekaniec[greg\_siekaniec@fws.gov]; Karen Clark[karen\_clark@fws.gov]; Mitch Ellis[mitch\_ellis@fws.gov]; Sara Boario[sara\_boario@fws.gov]; Wendy Loya[wendy\_loya@fws.gov]; Joanna Fox[joanna\_fox@fws.gov]; Steve Berendzen[steve\_berendzen@fws.gov]  
**Cc:** Sarah Conn[sarah\_conn@fws.gov]; Drew Crane[drew\_crane@fws.gov]; Patrick Lemons[patrick\_lemons@fws.gov]  
**From:** Colligan, Mary  
**Sent:** 2018-06-01T18:25:39-04:00  
**Importance:** Normal  
**Subject:** MMPA and ESA Communications  
**Received:** 2018-06-01T18:32:36-04:00  
[ESA and MMPA Plan 060118.docx](#)

Attached please find a draft plan for MMPA and ESA 1002 related activity. Please let me know if you have comments, need something different, etc.

Otherwise, I will wait to take a look at the EA and EIS plans and we can talk about how to address overlap.

Thanks

--

Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services  
U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Trawicki, John  
**Sent:** 2018-06-01T19:54:00-04:00  
**Importance:** Normal  
**Subject:** Re: Draft Plan of Approvals for 1002 Deliverables.docx  
**Received:** 2018-06-01T19:54:49-04:00  
Draft Plan of Approvals for 1002 Deliverables jt.docx

Mt edits in Track changes- enjoy the sunny weekend.

On Fri, Jun 1, 2018 at 2:22 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Hi Steve, Joanna, John T,

Attached is my first draft of our operations plan for review of future information that will be submitted to BLM. Please edit with tracked changes and if you can get comments back to me COB today, I'll finish up after hours and still send as a draft to ARDs and RD for further work.

Wendy

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)

--

John Trawicki  
Water Resources Branch Chief  
National Wildlife Refuge System, Alaska  
U.S. Fish and Wildlife Service

0000009573

1011 E. Tudor Road  
Anchorage, AK 99503  
Work: (907) 786-3474  
Mobile: (907) 360-1656

"The single biggest problem with communication is the illusion that it has taken place"  
George Bernard Shaw

**To:** Mitch Ellis[mitch\_ellis@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-01T20:12:30-04:00  
**Importance:** Normal  
**Subject:** Draft Plan of Approvals for 1002 Deliverables\_jt.docx  
**Received:** 2018-06-01T20:12:34-04:00  
Draft Plan of Approvals for 1002 Deliverables\_jt.docx

Please take a quick look and I will send to ARDs and RDs

**To:** Wendy Loya[Wendy\_loya@fws.gov]  
**From:** Ellis, Mitch  
**Sent:** 2018-06-01T20:23:56-04:00  
**Importance:** Normal  
**Subject:** Re: Draft Plan of Approvals for 1002 Deliverables\_jt.docx  
**Received:** 2018-06-01T20:24:03-04:00  
Draft Plan of Approvals for 1002 Deliverables jt-mitch edits.docx

Here are my edits overall it looks good. Thanks Wendy!

---

Mitch Ellis  
Chief of Refuges - Alaska  
National Wildlife Refuge System  
US Fish and Wildlife Service  
(907)786-3667 wk  
(907)947-4416 mob

On Fri, Jun 1, 2018 at 4:12 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Please take a quick look and I will send to ARDs and RDs

**To:** Steve Berendzen[steve\_berendzen@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-01T20:35:46-04:00  
**Importance:** Normal  
**Subject:** review by 5pm please :)  
**Received:** 2018-06-01T20:36:01-04:00  
Draft Plan of Approvals for 1002 Deliverables jt-mitch edits.docx

Please edit in tracked changes if you can. Goes up for further review

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**To:** Mary Colligan[mary\_colligan@fws.gov]; Greg Siekaniec[greg\_siekaniec@fws.gov]; Karen Clark[karen\_clark@fws.gov]; Mitch Ellis[mitch\_ellis@fws.gov]; Sara Boario[sara\_boario@fws.gov]; Joanna Fox[joanna\_fox@fws.gov]; Steve Berendzen[steve\_berendzen@fws.gov]  
**Cc:** Sarah Conn[sarah\_conn@fws.gov]; Drew Crane[drew\_crane@fws.gov]; John Trawicki[john\_trawicki@fws.gov]; Stephanie Brady[stephanie\_brady@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-01T21:00:39-04:00  
**Importance:** Normal  
**Subject:** EIS and EA communications  
**Received:** 2018-06-01T21:00:47-04:00  
[Draft Plan of Approvals for 1002 Responses to BLM 060118.docx](#)

b5 - DP

Have a great weekend!  
wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**From:** Colligan, Mary <mary\_colligan@fws.gov>  
**Sent:** Friday, June 1, 2018 2:26 PM  
**To:** Gregory Siekaniec <greg\_siekaniec@fws.gov>; Karen Clark <karen\_clark@fws.gov>; Mitch Ellis <mitch\_ellis@fws.gov>; Sara Boario <sara\_boario@fws.gov>; Wendy Loya <wendy\_loya@fws.gov>; Joanna Fox <joanna\_fox@fws.gov>; Steve Berendzen <steve\_berendzen@fws.gov>  
**Cc:** Sarah Conn <sarah\_conn@fws.gov>; Drew Crane <drew\_crane@fws.gov>; Patrick Lemons <patrick\_lemons@fws.gov>  
**Subject:** MMPA and ESA Communications

Attached please find a draft plan for MMPA and ESA 1002-related activity. Please let me know if you have comments, need something different, etc.

Otherwise, I will wait to take a look at the EA and EIS plans and we can talk about how to address overlap.

Thanks

--  
Mary Colligan  
Assistant Regional Director  
Fisheries and Ecological Services

0000009578

U.S. Fish and Wildlife Service, Alaska Region  
1011 E. Tudor Road, MS-361  
Anchorage, AK 99503  
907-786-3505  
cell: 907-223-5945

**To:** Scott Guyer[sguyer@blm.gov]; Elizabeth Powers[elizabeth\_powers@fws.gov]; Paul Leonard[paul\_leonard@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-01T21:21:04-04:00  
**Importance:** Normal  
**Subject:** 1002-LandCoverMapSOW-Draft\_MAY30updates (wml).docx  
**Received:** 2018-06-01T21:21:26-04:00  
[1002-LandCoverMapSOW-Draft\\_MAY30updates \(wml\).docx](#)

Here are my further edits. I think it generally looks good, I put in pretty basic language about a data management plan for deliverable A3, please take a look at that at least.

It has been a crazy week here again, but I will try to follow up with Contracting on Monday about next steps.

Thanks,  
Wendy

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications -Arctic Program  
US Fish and Wildlife Service  
Anchorage, Alaska  
907.786.3532 (office)  
907.277.2942 (mobile)

**To:** Lanctot, Richard[richard\_lanctot@fws.gov]  
**From:** Wendy Loya  
**Sent:** 2018-06-02T12:18:52-04:00  
**Importance:** Normal  
**Subject:** Re: Request for Scoping Comments from FWS Staff for the Arctic Refuge Coastal Plain Leasing EIS  
**Received:** 2018-06-02T12:18:58-04:00

Thanks Rick! Glad to hear you have a SSP idea coming to the table. I feel optimistic that we can find funding for all good projects. Just whether we can get the money in place in time. I hope Chris and Eric have access to your knowledge to help with the Alternatives planning. Will check in by email and hope to reach you if we have gaps.

Have fun out there, think of us stuck in the RO ??

Dr. Wendy M. Loya, Coordinator  
Office of Science Applications- Arctic Program  
Anchorage, Alaska  
907.786.3532 (office)  
907.227.2942 (mobile)

On Jun 2, 2018, at 07:55, Lanctot, Richard <[richard\\_lanctot@fws.gov](mailto:richard_lanctot@fws.gov)> wrote:

Hi Wendy,

I added a section for migratory birds this morning. I am afraid I don't have any more time as I leave again for the field on Monday and will be gone through 30 June. I will be checking e mail and will continue helping as I can.

I spoke with Eric yesterday about a possible SSP project that John Pearce, Dan Ruthrauff (both USGS), Chris Latty and I could conduct. Hopefully he will give it a chance to be considered by the RDT. I think we could definitely improve our PRISM surveys, improve the waterfowl detection ratios, and tag some birds to see movements from breeding to postbreeding areas.

Thanks for your continued support for migratory bird studies.

Cheers, Rick

\*\*\*\*\*

Richard Lanctot, PhD  
Region 7 Shorebird Coordinator  
U.S. Fish and Wildlife Service  
1011 East Tudor Road, MS 201  
Anchorage, Alaska 99503  
Ph: 907-786-3609  
Fax: 907-786-3641  
Cell: 907-440-9733  
E-mail: [richard\\_lanctot@fws.gov](mailto:richard_lanctot@fws.gov)

\*\*\*\*\*

"Hockey is Life - Keep your stick on the ice!" Unknown author

On Thu, May 10, 2018 at 1:28 PM, Wendy Loya <[Wendy\\_loya@fws.gov](mailto:Wendy_loya@fws.gov)> wrote:

Dear colleagues,

Thank you to those of you that were able to participate in the BLM Scoping meeting for Cooperating Agencies on May 3<sup>rd</sup>, and for sharing your expertise with the EIS Project Manager (Nicole Hayes) and contractor (EMPSi) and sub-contractors (ABR, Steven R Braund & Assoc, Northern Economics, ABR, HDR and DOWL).

Although the contractor took notes, including detailed notes on a laptop and more generalized notes on flip charts, the FWS has decided to submit written scoping comments. We invite you to submit concise, substantive comments on issues within or related to your area of expertise that should be considered for evaluation in the EIS. We especially want to highlight the most pressing issues and unique nature of the Arctic Refuge that should be described and evaluated. See the google doc for more info.

Please enter your comments in the following Google Doc (please do not delete others' comments):

[https://docs.google.com/document/d/1sZhCAKBC7m0E6HUF\\_60kSCVJY7xn6lANn1hwZUxW-y4/edit#heading\\_h.gjdgxs](https://docs.google.com/document/d/1sZhCAKBC7m0E6HUF_60kSCVJY7xn6lANn1hwZUxW-y4/edit#heading_h.gjdgxs)

**Please have your comments entered by June 1.** Let your division point of contact know ASAP if that date is unattainable and we'll try to make alternative plans for receiving your comments. The program points of contact will review entries for duplication or clarity and submit to the Regional Director for signature and submission by the June 19<sup>th</sup> scoping deadline.

For your information the Service provided the BLM and EMPSi a PDF binder of the Resource Assessments and Select FWS Bibliography, which you can access here: [https://drive.google.com/file/d/1\\_124q-WQ6QnPehIZa84yENIxM4UPnzp-/view?usp\\_sharing](https://drive.google.com/file/d/1_124q-WQ6QnPehIZa84yENIxM4UPnzp-/view?usp_sharing)

Again, thank you all!

Wendy (Regional POC)

Steve & Joanna (Arctic Refuge)

John Trawicki (NWRS)

Drew Crane (FES)

Carl Johnson (OSM)

Eric Taylor (MBM)

Dr. Wendy M. Loya, Coordinator

Office of Science Applications -Arctic Program

US Fish and Wildlife Service

Anchorage, Alaska

907.786.3532 (office)

907.277.2942 (mobile)