

--

**Aimee M. Devaris**  
Regional Director  
U.S. Geological Survey  
[4210 University Drive](#)  
[Anchorage, Alaska](#)  
[907-786-7055](#)

**"Applegate, David" <applegate@usgs.gov>**

---

**From:** "Applegate, David" <applegate@usgs.gov>  
**Sent:** Wed Feb 14 2018 14:36:27 GMT-0700 (MST)  
**To:** "Lukas, William" <wlukas@usgs.gov>  
**CC:** William Werkheiser <whwerkhe@usgs.gov>, Judy Nowakowski <jnowakowski@usgs.gov>, Joanne Taylor <jctaylor@usgs.gov>, Aimee Devaris <adevaris@usgs.gov>  
**Subject:** Re: Action items from W&S biweekly with Dep Sec

Bill L.,

Thanks for the heads-up on this additional request. I'm looping in Aimee Devaris who did such a nice job pulling the spreadsheet together. We will look to her help with how to meet Tim's request.

Thanks, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Wed, Feb 14, 2018 at 1:18 PM, Lukas, William <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)> wrote:

Dave and Bill

Tim talked some with me about this spreadsheet and is asking that we are a bit more specific on the timeline, particularly in regard to publications or other data products that may be released before the EIS's that BLM (and perhaps others?) are working on are completed. The value in knowing when new USGS information is released, that may be instructive to the EIS, is critical in order to prevent delays or even forcing the EIS process to restart. He acknowledges that it is difficult to nail down when a paper or report might be published, but hopes we can provide more detail on anticipated products and dates for their release.

Let me know if that makes sense or if you need more information.

\* \* \* \* \*

Bill Lukas | 202-208-4457  
USGS Liaison to Water & Science  
[asws\\_liaison@usgs.gov](mailto:asws_liaison@usgs.gov)

On Tue, Feb 13, 2018 at 5:21 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
Andrea/Tim,

Attached is the requested spreadsheet on studies related to the 1002 area.

Regards, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](https://www.usgs.gov/locations/national-office) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Sun, Feb 11, 2018 at 1:04 PM, Travnicek, Andrea <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)>  
wrote:

Dave-

Another follow up in regards to the information below. By COB Tuesday this week (2/13) can we get a spreadsheet with all studies (partners, timelines, funding, etc) currently being conducted and or in process in the 1002 area? Send to Tim and I so we both have since I am on travel this week.

Thanks.  
Andrea

Andrea Travnicek, Ph.D.  
Deputy Assistant Secretary for Water and Science  
Office of the Secretary  
U.S. Department of the Interior  
work: 202-208-0969  
cell: 202-897-7220

On Fri, Feb 9, 2018 at 9:54 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
Tim and all,

Some additional follow-up from the meeting with the Deputy Secretary specifically on Alaska matters.

Our Alaska Regional Director, Aimee Devaris, has confirmed that we have shared the earlier 2002 literature review with BLM and FWS contacts in Alaska. Here is the link to share with the Deputy Secretary (we'd be happy to provide in hard copy as well):

Douglas, D.C., Reynolds, P.E., and Rhode, E.B., 2002, Arctic Refuge coastal plain terrestrial wildlife research summaries, USGS Biological Science Report 2002-0001, 76 p.  
<https://alaska.usgs.gov/products/pubs/2002/2002-USGS-BRD-BSR-2002-0001.pdf>

Along these lines, Aimee just heard that FWS is putting some previously unpublished reports from the refuge on the web, so that would be material we did not include in our literature review, but Aimee has asked to get a listing of them.

Deputy Secretary Bernhardt also asked about USGS liaisons to large projects, and in particular whether that might prove useful for the ANWR permitting process. Aimee reports that we already have John Pearce from our USGS Alaska Science Center in that role. Early on, Aimee and her FWS and BLM regional director counterparts saw the need to assign a liaison/POC for each of our Bureaus to ensure good coordination and communication at the "working level." John's counterpart for BLM is Nicole Hayes (their ANWR project manager), and for FWS it is Wendy Loya (who oversees the Arctic LCC). For energy assessments, Dave Houseknecht is the USGS lead, and as you know, he is a well-connected resource for all involved.

I also relayed the Dep Sec's question about (b) (5)

(b) (5)

(All this is probably just hip-pocket material for you should the question be raised again.)

Hope all that helps! Aimee is happy to brief any time.

Regards, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Thu, Feb 8, 2018 at 11:43 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
Tim and all,

A few follow-ups from the Deputy Secretary meeting this afternoon.

I checked, and we do not have any QFR's in arrears. The only ones currently in our hands are from last week's Senate Energy & Natural Resources Committee hearing on natural hazards and aren't due for a couple more weeks. (By the way, I just saw this nice [summary](#) that the American Institute of Physics did of the hearing, emphasizing the level of support conveyed for the USGS role in the hazards arena.)

I wanted to follow up on the discussion of the infrastructure package. Although the focus at the meeting was on BOR, I did want to make the pitch that USGS has potentially a significant role to play both in terms of investments in our own scientific infrastructure and in the need for resource availability and hazard assessments to inform the larger suite of investments. I think you were at the Senate briefing we did back in March 2017 on how USGS could participate -- I'm attaching the one-pager prepared for that. We have lots more material to share.

Regarding Alaska activities, I wasn't sure what follow-up was needed on Bernhardt's question about (b) (5)

(b) (5)

I am looking into getting hold of the 2002 USGS report that is the predecessor to the new literature review of ecological research in ANWR and will circle back on that.

We will work on the requested briefing paper about USGS overhead rates charged on reimbursable agreements, due next Friday 2/16.

We will provide some examples to you of USGS liaisons to large projects

We can discuss some of these action items at Monday's 1pm tag-up call.

Regards, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](https://www.usgs.gov/locations/national-office) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

---

**"Devaris, Aimee" <[adevaris@usgs.gov](mailto:adevaris@usgs.gov)>**

**From:** "Devaris, Aimee" <[adevaris@usgs.gov](mailto:adevaris@usgs.gov)>  
**Sent:** Wed Feb 14 2018 14:54:57 GMT-0700 (MST)  
**To:** "Applegate, David" <[applegate@usgs.gov](mailto:applegate@usgs.gov)>  
**CC:** William Werkheiser <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>, Judy Nowakowski <[jnowakowski@usgs.gov](mailto:jnowakowski@usgs.gov)>, Joanne Taylor <[jctaylor@usgs.gov](mailto:jctaylor@usgs.gov)>  
**Subject:** Re: Action items from W&S biweekly with Dep Sec

Dave: (I took Bill Lucas off this message, in case you want to keep this answer "internal.")

This is an area of active discussion among myself, Karen Mouritsen, and Greg Siekaniec. Specifically, I am working to understand the BLM and FWS timelines in terms of their needs for our information, because that has implications on how we approach our work and how to resource it. As an example, we will likely have to contract for some statistical consulting work to aid in the completion of our PB model formulation for the 1002 population abundance estimate, and we will also likely need "priority" service for super-computing resources when the time comes. I have been working with Kevin Gallagher to assure that. We have also been discussing the fastest way to publish the material (open file report) while still adhering to our FSP. In this example, the soonest a PB population abundance estimate would be released is this fall.

I can try to provide some time frames as things gel up a bit more on this end. For now, the simple answer is we will turn products out as soon as humanly possible -- following our FSP.

Aimee

On Wed, Feb 14, 2018 at 12:36 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
Bill L.,

Thanks for the heads-up on this additional request. I'm looping in Aimee Devaris who did such a nice job pulling the spreadsheet together. We will look to her help with how to meet Tim's request.

Thanks, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](mailto:applegate@usgs.gov) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Wed, Feb 14, 2018 at 1:18 PM, Lukas, William <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)> wrote:

Dave and Bill

Tim talked some with me about this spreadsheet and is asking that we are a bit more specific on the timeline, particularly in regard to publications or other data products that may be released before the EIS's that BLM (and perhaps others?) are working on are completed. The value in knowing when new USGS information is released, that may be instructive to the EIS, is critical in order to prevent delays or even forcing the EIS process to restart. He acknowledges that it is difficult to nail down when a paper or report might be published, but hopes we can provide more detail on anticipated products and dates for their release.

Let me know if that makes sense or if you need more information.

\* \* \* \* \*

Bill Lukas | 202-208-4457  
USGS Liaison to Water & Science  
[asws\\_liaison@usgs.gov](mailto:asws_liaison@usgs.gov)

On Tue, Feb 13, 2018 at 5:21 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:

Andrea/Tim,

Attached is the requested spreadsheet on studies related to the 1002 area.

Regards, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](mailto:applegate@usgs.gov) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Sun, Feb 11, 2018 at 1:04 PM, Travnicek, Andrea <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)> wrote:

Dave-

Another follow up in regards to the information below. By COB Tuesday this week (2/13) can we get a spreadsheet with all studies (partners, timelines, funding, etc) currently being conducted and or in process in the 1002 area? Send to Tim and I so we both have since I am on travel this week.

Thanks.  
Andrea

Andrea Travnicek, Ph.D.

Deputy Assistant Secretary for Water and Science  
Office of the Secretary  
U.S. Department of the Interior  
work: 202-208-0969  
cell: 202-897-7220

On Fri, Feb 9, 2018 at 9:54 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
Tim and all,

Some additional follow-up from the meeting with the Deputy Secretary specifically on Alaska matters.

Our Alaska Regional Director, Aimee Devaris, has confirmed that we have shared the earlier 2002 literature review with BLM and FWS contacts in Alaska. Here is the link to share with the Deputy Secretary (we'd be happy to provide in hard copy as well):

Douglas, D.C., Reynolds, P.E., and Rhode, E.B., 2002, Arctic Refuge coastal plain terrestrial wildlife research summaries, USGS Biological Science Report 2002-0001, 76 p.  
<https://alaska.usgs.gov/products/pubs/2002/2002-USGS-BRD-BSR-2002-0001.pdf>

Along these lines, Aimee just heard that FWS is putting some previously unpublished reports from the refuge on the web, so that would be material we did not include in our literature review, but Aimee has asked to get a listing of them.

Deputy Secretary Bernhardt also asked about USGS liaisons to large projects, and in particular whether that might prove useful for the ANWR permitting process. Aimee reports that we already have John Pearce from our USGS Alaska Science Center in that role. Early on, Aimee and her FWS and BLM regional director counterparts saw the need to assign a liaison/POC for each of our Bureaus to ensure good coordination and communication at the "working level." John's counterpart for BLM is Nicole Hayes (their ANWR project manager), and for FWS it is Wendy Loya (who oversees the Arctic LCC). For energy assessments, Dave Houseknecht is the USGS lead, and as you know, he is a well-connected resource for all involved.

I also relayed the Dep Sec's question about (b) (5)

(b) (5)

(All this is probably just hip-pocket material for you should the question be raised again.)

Hope all that helps! Aimee is happy to brief any time.

Regards, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Thu, Feb 8, 2018 at 11:43 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
Tim and all,

A few follow-ups from the Deputy Secretary meeting this afternoon.

I checked, and we do not have any QFR's in arrears. The only ones currently in our hands are from last week's Senate Energy & Natural Resources Committee hearing on natural hazards and aren't due for a couple more weeks. (By the way, I just saw this nice [summary](#) that the American Institute of Physics did of the hearing, emphasizing the level of support conveyed for the USGS role in the

hazards arena.)

I wanted to follow up on the discussion of the infrastructure package. Although the focus at the meeting was on BOR, I did want to make the pitch that USGS has potentially a significant role to play both in terms of investments in our own scientific infrastructure and in the need for resource availability and hazard assessments to inform the larger suite of investments. I think you were at the Senate briefing we did back in March 2017 on how USGS could participate -- I'm attaching the one-pager prepared for that. We have lots more material to share.

Regarding Alaska activities, I wasn't sure what follow-up was needed on Bernhardt's question about (b) (5)

(b) (5)

I am looking into getting hold of the 2002 USGS report that is the predecessor to the new literature review of ecological research in ANWR and will circle back on that.

We will work on the requested briefing paper about USGS overhead rates charged on reimbursable agreements, due next Friday 2/16.

We will provide some examples to you of USGS liaisons to large projects

We can discuss some of these action items at Monday's 1pm tag-up call.

Regards, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

--  
**Aimee M. Devaris**  
Regional Director  
U.S. Geological Survey  
4210 University Drive  
Anchorage, Alaska  
907-786-7055

**David Applegate** <[applegate@usgs.gov](mailto:applegate@usgs.gov)>