

# Referred to OS

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**Kerry Rae**

Chief of Staff for Water & Science  
U.S. Department of the Interior  
Phone: 202-513-0535  
Mobile: 202-494-4101  
Email: [Kerry\\_Rae@ios.doi.gov](mailto:Kerry_Rae@ios.doi.gov)

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

**From:** "Applegate, David" <[applegate@usgs.gov](mailto:applegate@usgs.gov)>  
**Sent:** Sun Mar 11 2018 22:59:17 GMT-0600 (MDT)  
**To:** "Lukas, William" <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)>  
**CC:** William Werkheiser <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>, Joanne Taylor <[jctaylor@usgs.gov](mailto:jctaylor@usgs.gov)>, Judy Nowakowski <[jnowakowski@usgs.gov](mailto:jnowakowski@usgs.gov)>  
**Subject:** Re: ACTION -- Slides - Monthly update, Due Monday 10 a.m.

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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 Mon, Mar 12, 2018 at 12:37 AM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:

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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 Fri, Mar 9, 2018 at 2:41 PM, Lukas, William <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)> wrote:

Just a follow up that agenda items for the Wednesday AS meeting are due to ASWS Monday morning at 10am

\* \* \* \* \*

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

On Thu, Mar 8, 2018 at 4:39 PM, Rae, Kerry <[kerry\\_rae@ios.doi.gov](mailto:kerry_rae@ios.doi.gov)> wrote:

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On Thu, Mar 8, 2018 at 2:55 PM, Lukas, William <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)> wrote:

it's moved a couple more times since I sent my last email, but is currently resting at April 3 at 2:30pm.

\* \* \* \* \*

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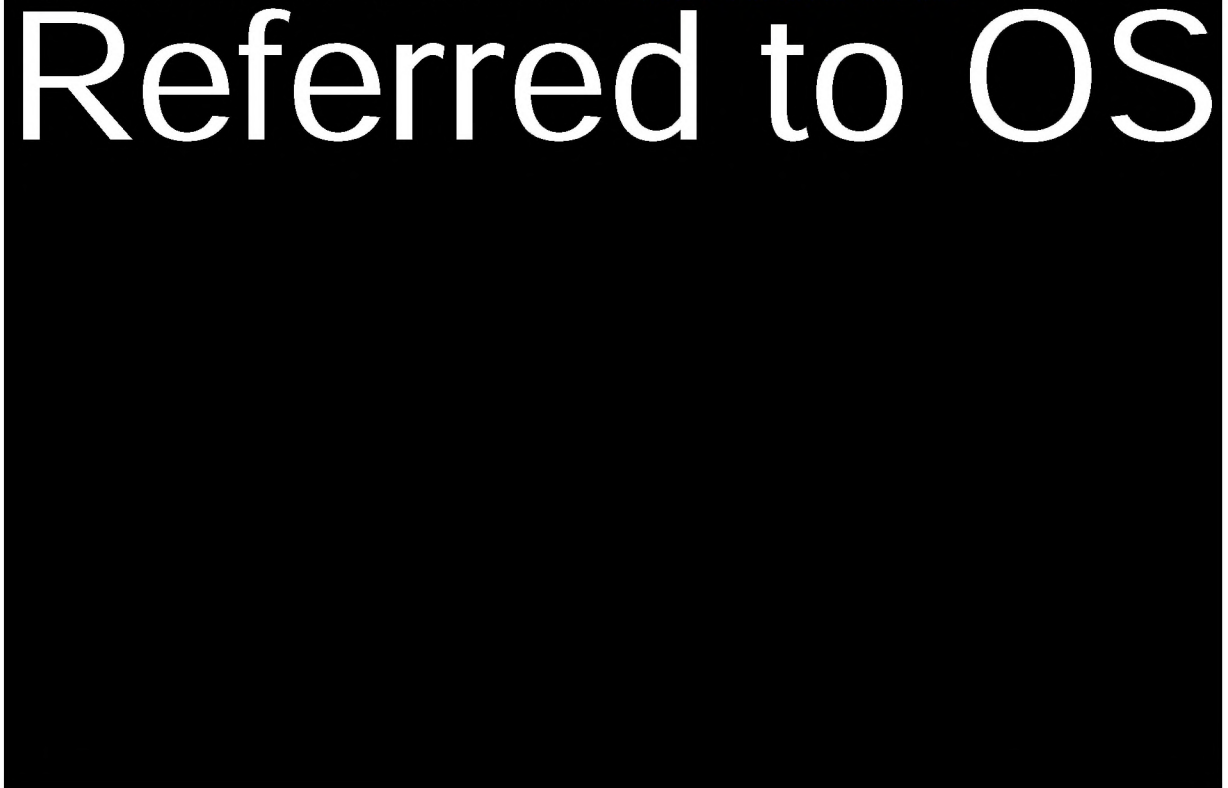
On Thu, Mar 8, 2018 at 2:34 PM, Lukas, William <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)> wrote:

Looks like this just got rescheduled for April 4 at 4pm.

\* \* \* \* \*

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

On Thu, Mar 8, 2018 at 1:29 PM, Rae, Kerry <[kerry\\_rae@ios.doi.gov](mailto:kerry_rae@ios.doi.gov)> wrote:



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**From:** "Lukas, William" <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)>  
**Sent:** Mon Mar 12 2018 06:43:25 GMT-0600 (MDT)  
**To:** William Werkheiser <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>, Joanne Taylor <[jctaylor@usgs.gov](mailto:jctaylor@usgs.gov)>, Judy Nowakowski <[jnowakowski@usgs.gov](mailto:jnowakowski@usgs.gov)>, "Applegate, David" <[applegate@usgs.gov](mailto:applegate@usgs.gov)>  
**Subject:** Re: ACTION -- Slides - Monthly update, Due Monday 10 a.m. Monthly Meeting with Secretary.20180314.docx FINAL-Sec.monthly.ASWS.ANWR.20180314.docx Monthly ASWS Meeting.20180314 critical minerals update final 3-9-18.docx  
**Attachments:**

I got some input from Dave for the USGS section of the slides for this meeting. I don't know if something else was shared with Kerry or not, so I've gone ahead and produced the attached outline based on Kerry's original draft and Dave's feedback. I will share this with Kerry this morning along with the two write ups that Judy shared. Also attached.

Thanks.

\* \* \* \* \*  
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**"Lukas, William" <wlukas@usgs.gov>**

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**From:** "Lukas, William" <wlukas@usgs.gov>  
**Sent:** Mon Mar 12 2018 06:51:58 GMT-0600 (MDT)  
**To:** "Rae, Kerry" <kerry\_rae@ios.doi.gov>, Timothy Petty <timothy\_petty@ios.doi.gov>, Andrea Travnicek <andrea\_travnicek@ios.doi.gov>, Austin Ewell <austin\_ewell@ios.doi.gov>  
**CC:** William Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>, Judy Nowakowski <jnowakowski@usgs.gov>, Joanne Taylor <jctaylor@usgs.gov>  
**Subject:** Re: ACTION -- Slides - Monthly update, Due Monday 10 a.m.  
**Attachments:** Monthly Meeting with Secretary.20180314.docx FINAL-Sec.monthly.ASWS.ANWR.20180314.docx FINAL-Sec.Monthly.ASWS.Critical Minerals.20180314.docx

Kerry

Attached is the updated outline for the USGS slides and two write ups on Critical Minerals and ANWR Energy Assessments. Please let us know if you have any questions.

\* \* \* \* \*

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## "Rae, Kerry" <kerry\_rae@ios.doi.gov>

**From:** "Rae, Kerry" <kerry\_rae@ios.doi.gov>  
**Sent:** Mon Mar 12 2018 07:21:55 GMT-0600 (MDT)  
**To:** "Lukas, William" <wlukas@usgs.gov>  
Timothy Petty <timothy\_petty@ios.doi.gov>, Andrea Travnicek <andrea\_travnicek@ios.doi.gov>, Austin Ewell <austin\_ewell@ios.doi.gov>, William Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>, Judy Nowakowski <jnowakowski@usgs.gov>, Joanne Taylor <jctaylor@usgs.gov>  
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Kerry

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