From: Wiechman, Lief
To: Morton, Jennifer
Subject: Re: GRSG Disturbance & Monitoring Team Assignment (Due Date Oct 30)
Date: Monday, October 28, 2013 10:51:34 AM

Just holler at me when you get in and get set up and I'll come up. I've got a meeting at 1100a.

Lief Wiechman
Sage-Grouse Energy Biologist
U.S. Fish & Wildlife Service
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5353 Yellowstone Road
Cheyenne, WY 82009
307.772.2374
lief_wiechman@fws.gov

On Mon, Oct 28, 2013 at 10:48 AM, Morton, Jennifer <j75morto@blm.gov> wrote:

> Tomorrow morning should work.
>
> On Mon, Oct 28, 2013 at 9:52 AM, Wiechman, Lief <lief_wiechman@fws.gov> wrote:
>
> > I can take a closer look at it tomorrow morning, and may have some time (30 min?) to come up before lunch...?
> > (I'm working in FC today). If you want/need to get it done sooner, go ahead without me.
> >
> > LW
> >
> >
> > ***Lief Wiechman***
> > **Sage-Grouse Energy Biologist**
> > **U.S. Fish & Wildlife Service**
> > **Mountain-Prairie Region**
> > **5353 Yellowstone Road**
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> >
> >
> > On Fri, Oct 25, 2013 at 4:29 PM, Morton, Jennifer <j75morto@blm.gov> wrote:
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> > > Want to work on it together again?
> > >
> > > ---------- Forwarded message ----------
> > > From: **Quamen, Frank** <fquamen@blm.gov>
> > > Date: Fri, Oct 25, 2013 at 4:25 PM
> > > Subject: GRSG Disturbance & Monitoring Team Assignment (Due Date Oct 30)

To: John Carlson <jccarlso@blm.gov>, Jennifer Morton <j75morto@blm.gov>, Robin Sell <rsell@blm.gov>, Renee Chi <rchi@blm.gov>, "Earl (Tom) Rinkes" <erinkes@blm.gov>, "Melvin (Joe) Tague" <jtague@blm.gov>, Glenn Frederick <gfrederick@blm.gov>, Michael Pellant <mpellant@blm.gov>, Douglas Havlina <dhavlina@blm.gov>, Emily Kachergis <ekachergis@blm.gov>, "Wood, David" <dwood@blm.gov>
Cc: Vicki Herren <vherren@blm.gov>, "Toevs, Gordon R" <gtoevs@blm.gov>, Lauren Mermejo <lmermejo@blm.gov>, Johanna Munson <jmunson@blm.gov>, Joan Suther <jsuther@blm.gov>, Brent Ralston <bralston@blm.gov>, Quincy Bahr <qfbahr@blm.gov>, Erin Jones <erjones@blm.gov>, Caleb Hiner <chiner@blm.gov>, John Thompson <jthompso@blm.gov>, Matthew Bobo <mbobo@blm.gov>, Michael Karl <mkarl@blm.gov>

[NOTE: Planning Leads are cc'd on this, but we are not looking for input from anyone that is not officially part of this team. If you would like others to provide input, comments need to be filtered through your team member in their worksheets. They will not be accepted otherwise.]

Dear BLM Disturbance & Monitoring Team Member:

Attached you will find a spreadsheet/worksheet that we need you to fill out for your state or center by **COB Wednesday, October 30th.**

Our goal is to create a base vegetation layer which will enable us to calculate "*percent sagebrush*" at the broad and mid-scales - one of the measures we will be required to report to the FWS. Additionally, this base layer will be used in establishing a denominator in the equation we use to calculate "percent anthropogenic disturbance" at the broad and mid-scales - another measure we will be required to report to the FWS.

The spreadsheet contains a list of Terrestrial Ecological Systems from LANDFIRE. The Ecological Systems in this list all have the capability of supporting sagebrush vegetation.

What we need you to do (in the attached worksheet):

1. **Indicate which Ecological Systems in this list should be included as suitable sage-grouse habitat (i.e. which have habitat characteristics that likely support sage-grouse breeding, brood-rearing, and/or winter habitat).**
2. **Indicate which Ecological Systems in this list should be included as sage-grouse movement corridor/connectivity (or marginal) habitat (i.e. which allow movement of sage-grouse and may have birds, but should NOT be considered suitable sage-grouse breeding, brood-rearing, or winter habitat).**
3. **Indicate which Ecological Systems in this list should NOT be included as sage-grouse habitat (i.e. they likely do NOT provide seasonal habitat or movement corridor/connectivity habitat for sage-grouse).**

Please use the MapServices (instructions attached) to view these Ecological Systems in a GIS. Also feel free to use additional data layers you may have (e.g. lek data, telemetry data, etc.), and other resources you may have available (e.g. Field Office/Forest biologists' and state wildlife biologists' input) to make an inclusion determination on each of these Ecological Systems. And please call if you have questions.

Two supplementary documents on our methodology and on LANDFIRE and included for your

information. All we need returned is a completed worksheet (one worksheet per team member).

Thanks!
Frank

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Frank Quamen, Wildlife Biologist
BLM National Operations Center
Denver Federal Center Building 50
303-236-6310

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