From:	Jon Schmidt <Jon.Schmidt@trow.com>
To:	"Charlene_Bessken@fws.gov"
Cc:	"john_cochnar@fws.gov"; "LNoel@entrix.com"; "Martha_Tacha@fws.gov"; "Scott_Larson@fws.gov"
Subject:	Re: Keystone XL and Sage Grouse in South Dakota
Date:	Monday, November 08, 2010 2:28:41 PM
Attachments:	graycol.gif

Westech is Keystone's consultant who has been working on sage grouse issues in MT and SD. I'll get them to summarize where we are with the data and assessments.

The March 2010 CL I'll get sent to you for SD tomorrow. J

Jon A. Schmidt, Vice President
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O: 850-385-5441
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From: Charlene_Bessken@fws.gov [mailto:Charlene_Bessken@fws.gov]
Sent: Monday, November 08, 2010 04:17 PM
To: Jon Schmidt
Cc: 'john_cochnar@fws.gov' <john_cochnar@fws.gov>; 'LNoel@entrix.com' <LNoel@entrix.com>; 'Martha_Tacha@fws.gov' <Martha_Tacha@fws.gov>; 'Scott_Larson@fws.gov' <Scott_Larson@fws.gov>
Subject: Re: Keystone XL and Sage Grouse in South Dakota

1. Are you using the March 2010 project centerline and footprint sent out this summer? I don't see that I have any new electronic map information except for Tripp County and American burying beetles. And I have some paper aerial maps of the entire pipeline that came in sometime in May 2010.

2. Are you using the revised dataset from SD? Westech has been working with SD and have addressed some of the issues with their database. I do not recognize the name Westech and so I'm not sure who they are or what they would have sent. Were they working with Nebraska Field Office asNebraska has the lead for USFWS?

It certainly is possible that I'm working with old data. So anything new would be great to have. Thanks.

Charlene "Charlie" Bessken
Fish and Wildlife Biologist / TWS Certified Wildlife Biologist
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Inactive hide details for Jon Schmidt <Jon.Schmidt@trow.com>Jon Schmidt <Jon.Schmidt@trow.com>

Jon Schmidt <Jon.Schmidt@trow.com>

11/08/2010 02:48 PM

[IMAGE]
To
[IMAGE]
'"Charlene_Bessken@fws.gov'" <Charlene_Bessken@fws.gov>
[IMAGE]
cc
[IMAGE]
'"LNoel@entrix.com'" <LNoel@entrix.com>, '"Scott_Larson@fws.gov'" <Scott_Larson@fws.gov>, '"Martha_Tacha@fws.gov'" <Martha_Tacha@fws.gov>, '"john_cochnar@fws.gov'" <john_cochnar@fws.gov>
[IMAGE]
Subject
[IMAGE]
Re: Keystone XL and Sage Grouse in South Dakota

[IMAGE]
[IMAGE]

I'll get someone to address, but some questions:

1. Are you using the March 2010 project centerline and footprint sent out this summer?
2. Are you using the revised dataset from SD? Westech has been working with SD and have addressed some of the issues with their database.

Thanks, Jon
Jon A. Schmidt, Vice President
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From: Charlene_Bessken@fws.gov [mailto:Charlene_Bessken@fws.gov]
Sent: Monday, November 08, 2010 03:32 PM
To: Jon Schmidt
Cc: LNoel@entrix.com <LNoel@entrix.com>; Scott_Larson@fws.gov <Scott_Larson@fws.gov>; Martha_Tacha@fws.gov <Martha_Tacha@fws.gov>; John_Cochnar@fws.gov <John_Cochnar@fws.gov>
Subject: Keystone XL and Sage Grouse in South Dakota

Hi Jon,

I recently received a request from Electrical Consultants, Inc on behalf of Grand Electric Cooperative, Inc for powerlines for a segment of the Keystone XL pipeline in northwest South Dakota.

The first attached map was part of the Electrical Consultants information packet and the second map is one I generated with the pipeline route and sage

grouse lek information for 2009 from SDGFP.

I have to admit I was concerned when I saw the pipeline, pump station and electric substation are in and/or very near sage grouse leks, in fact, running through the "no build zone" and the "restricted building zone" around the leks. Maybe it's just the scale of the map that makes it look like construction is actually going through a lek. Could I get a better GIS layer of the pipeline path, pipe yards, contractor yards and pump stations in Meade County? Looking at paper maps prepared by TROW in May 2010, some of the pipe yards and constractor yards look to be in or very near sage grouse leks also.

The powerline map refers to "sage grouse survey points". What exactly are these? Was the aerial sage grouse survey report referenced as "Keystone 2009c" in the DEIS made available to USFWS - maybe to the Nebraska office? I don't have a copy of the report and would greatly appreciate receiving one.

Sage grouse are a candidate species and are addressed in the draft EIS (pages 3.8-8 to 3.8-13). The DEIS contains information about the placement of Keystone XL facilities near sage grouse leks and their effects in Montana. I may be missing it, but I don't see the same type of information for South Dakota in the DEIS.

Thanks for any additional information you are able to send me.

(See attached file: KeystoneXL_Power_GrouseLeks.jpg)(See attached file: KeystoneXL_GrouseLeks.jpg)

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