From: Turner, Ed
To: McPherron, Heather
Cc: Lara Juliusson
Subject: Re: GRSG Draft Numbers Surface Streets MgmtZ 3, 4, 5
Date: Wednesday, March 11, 2015 2:28:37 PM

Sounds good Heather. I spoke with Jim and he gave me a list of the pipeline types he used and I will actually look at the new data today. Get a list of the classes he didn't use. I planned to send those to you, Jim, and Amy. That way we can determine if they are infrastructure related that should be used. Know more on that later.

Working on the surface streets still, but hope those will be ready for the model run process in a day or so.

By chance, can you go in and fill out an infrastructure request for numbers and maps. Just a simple record that you need stuff for the chapter and I'm working on it. Here is the link: https://portal.doi.net/usfws/SG/Lists/GISwrk/Item/newifs.aspx?List=b8924412-9f29-42db-b7c8-6d8cfacc13fe&RootFolder=&Web=e4a2315b-1b54-4426-a4cf-f5b30a25cc44

Just your info and something like "maps and numbers of direct impact to current range within management zones". Something like that if you can. Seems I can't save the requests because I'm not a writer maybe??

We plan to use the FCC 2012 data, so good there and hope we will have that soon too.

Also, there are some data in with the pipeline stuff that are point data sets represent electric plants and such, but I don't think we need to deal with those. My assumption is the urban work should be covering the hard plant / facility structures. Plus, if it's just a point we have no way of knowing the actual footprint of the facility. We can talk more about this maybe/ if needed.

Thanks, Ed

On Wed, Mar 11, 2015 at 2:17 PM, McPherron, Heather <heather_mcpherron@fws.gov> wrote:

> No apologies necessary. The text piece of the infrastructure chapter is under review, so we've got time to clean up the analyses before there's a rush to insert them.
>
> As for the pipelines, Jim was on the writers call the other day and said he had used the pipeline data that you shared for the Oil and Gas chapter. So it sounds like we don't need to do anything there.
>
> Amy is setting up a meeting for the authors of the overlapping chapters regarding infrastructure (oil&gas, solar, wind, etc.) to make sure we've addressed everything and not left anything out. I imagine she'll invite the GIS team as well, but I'll look out for that discussion.

Thanks again for all your hard work,

-hm

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On Tue, Mar 10, 2015 at 4:40 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello Heather, Sorry the draft numbers took so long. The surface street data was a bear to work with, but I have it down now and once Lara's Model builder process if ready I will rerun all the infrastructure data to get better numbers.

On that note; the numbers I rushed out last week are quite a bit over estimated, so don't worry if they differ greatly right now from what you have seen. I'm sure even after we run the model builder, the number will still differ BLM's 2013 stuff, but that's due to our updated range data and any recent base data we are using.

To clarify a bit, I gave you the numbers prior to dissolving our outputs, so we got a bit of double dipping on the Acreage/Hectare values where those threat footprint buffers overlapped.

I'm in the process of dissolving everything down to it's specific threat (railroad, high/low voltage, etc) to eliminate any overlapping buffer areas. Once that is done the clean data will be ready for the process and better numbers. The maps will still look close to what they are now, and at the scale you can't really see overlay anyway. I will be updating those for final and at that time with the clean outputs, so everything will be spot-on.

Hope that helps a bit and please let me know if you have any questions.

Note: the surface streets number are based on dissolving any overlap, so I don't think they will change that much. We will see though.

Thanks, Ed

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