From: DElia, Jesse
Cc: Pat Deibert; Lief Wiechman; Dawn Davis; Steve Abele; Kevin Doherty
Subject: Re: GRSG: BLM ADPP and No-Action spatial data received
Date: Monday, March 23, 2015 4:35:17 PM
Attachments: BLM-FS data GIS analysis needs.xlsx

Lief, Dawn, and I discussed next steps for this data and I volunteered to mock up some tables that we would need filled in for our analysis. I've attached a spreadsheet that captures that effort. Basically, I just took the maps that BLM produced for the Federal Family meetings and assumed that the allocation categories hadn't changed (e.g., open, closed, avoidance, etc.). The jist of these tables is that we need acres and percentages by MZ, separated by within PAC and outside PAC - for both the no action and the final allocative decision. We also need to know what the acres and percentages are for range, distribution, and numbers (which I've separated by tabs in the spreadsheet). Range and distribution are pretty straightforward (assuming we can give the GIS team a binary map of each). Numbers is a bit more complicated. Kevin - we'll need your advice on the best way to approach this.

I put this together pretty quickly so we could have something to throw darts at. Maybe we can add to the agenda on Wed?

Thanks,
Jesse

On Fri, Mar 20, 2015 at 2:42 PM, Juliusson, Lara <lara_juliusson@fws.gov> wrote:

> Hi everyone,
>
> Just confirming that BLM emailed ALL of the layers for ADPP and no-action to us this afternoon.
>
> With a quick review, I'd say it looks complete to me, and the data loads into ArcGIS. I'm attaching here the delivery memo and list of datasets .PDFs for you.
>
> I've put the data up on ScienceBase,
> here: https://www.sciencebase.gov/catalog/folder/550c909be4b02e76d759d771
>
> Thanks,
> Lara
>
> Lara Juliusson, Geographer/Ecologist
> Sage-grouse Energy Team
> U.S. Fish and Wildlife Service,
> Region 6, Lakewood, CO
> Lara_Juliusson@fws.gov
> 303-236-9876
> http://www.fws.gov/mountain-prairie/
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> ***Join me on LinkedIn***
> http://www.linkedin.com/pub/lara-juliusson/5/918/7a4

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BLM/FS Allocation Analyses

*Note: Acres and percent calculated with respect to the sage-grouse range withir

Land Tenure

	In PACS 2010 (No Action) - acres			
	Retention	*%*	*Disposal*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS 2010 (No Action) - acres			
	Retention	*%*	*Disposal*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

Rights of Way

	In PACS 2010 (No Action) - acres			
	Exclusion	*%*	*Avoidance*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS 2010 (No Action) - acres			
	Exclusion	*%*	*Avoidance*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				

MZ6
MZ7

Wind Energy

	In PACS 2010 (No Action) - acres			
	Exclusion	*%*	*Avoidance*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS 2010 (No Action) - acres			
	Exclusion	*%*	*Avoidance*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

Solar Energy

	In PACS 2010 (No Action) - acres			
	Exclusion	*%*	*Avoidance*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS 2010 (No Action) - acres			
	Exclusion	*%*	*Avoidance*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				

MZ6
MZ7

Oil and Gas (Fluid Minerals)

	In PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Major Stips*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Major Stips*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

Geothermal

	In PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Major Stips*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Major Stips*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				

MZ6
MZ7

Coal

	In PACS 2010 (No Action) - acres			
	Unsuitable	*%*	*Dev Potential*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS 2010 (No Action) - acres			
	Unsuitable	*%*	*Dev Potential*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

Locatable Minerals

	In PACS 2010 (No Action) - acres			
	Existing Withdrawals	*%*	*Rec Withdrawa*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS 2010 (No Action) - acres			
	Existing Withdrawals	*%*	*Rec Withdrawa*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				

MZ6
MZ7

Salable Mineral Materials

	In PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Open*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Open*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

Non-Energy Leasable Minerals

	In PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Open*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Open*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				

MZ6
MZ7

Trails and Travel Management

	In PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Limited*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS			
	2010 (No Action) - acres			
	Closed	*%*	*Limited*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

Livestock

	In PACS			
	2010 (No Action) - acres			
	Unavailable	*%*	*Avail w mod*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				
MZ6				
MZ7				

	Outside of PACS			
	2010 (No Action) - acres			
	Unavailable	*%*	*Avail w mod*	*%*
MZ1				
MZ2				
MZ3				
MZ4				
MZ5				

MZ6
MZ7

n each MZ.

2015 (Final EIS) - acres			
Retention	*%*	*Disposal*	*%*

2015 (Final EIS) - acres			
Retention	*%*	*Disposal*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Exclusion*	*%*	*Avoidance*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Exclusion*	*%*	*Avoidance*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Exclusion*	*%*	*Avoidance*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Exclusion*	*%*	*Avoidance*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Exclusion*	*%*	*Avoidance*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Exclusion*	*%*	*Avoidance*	*%*

				2015 (Final EIS) - acres	
Moderate Stips	*%*	*Standard Stips*	*%*	*Closed*	*%*

				2015 (Final EIS) - acres	
Moderate Stips	*%*	*Standard Stips*	*%*	*Closed*	*%*

				2015 (Final EIS) - acres	
Moderate Stips	*%*	*Standard Stips*	*%*	*Closed*	*%*

				2015 (Final EIS) - acres	
Moderate Stips	*%*	*Standard Stips*	*%*	*Closed*	*%*

				2015 (Final EIS) - acres	
Designated Suitable	*%*	*Coal Leases*	*%*	*Unsuitable*	*%*

				2015 (Final EIS) - acres	
Designated Suitable	*%*	*Coal Leases*	*%*	*Unsuitable*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Existing Withdrawal*	*%*	*Rec Withdrawal*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Existing Withdrawal*	*%*	*Rec Withdrawal*	*%*

2015 (Final EIS) - acres

Closed	*%*	*Open*	*%*

2015 (Final EIS) - acres

Closed	*%*	*Open*	*%*

2015 (Final EIS) - acres

Closed	*%*	*Open*	*%*

2015 (Final EIS) - acres

Closed	*%*	*Open*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Closed*	*%*	*Limited*	*%*

		2015 (Final EIS) - acres			
Open	*%*	*Closed*	*%*	*Limited*	*%*

		2015 (Final EIS) - acres			
Available	*%*	*Unavailable*	*%*	*Avail w mod*	*%*

		2015 (Final EIS) - acres			
Available	*%*	*Unavailable*	*%*	*Avail w mod*	*%*

Open *%*

Open *%*

Open *%*

Open *%*

Open *%*

Open *%*

Major Stips *%* *Moderate S %* *Standard Si %*

Major Stips *%* *Moderate S %* *Standard Si %*

Major Stips *%* *Moderate S %* *Standard Si %*

Major Stips *%* *Moderate S %* *Standard Si %*

Dev Potential *%* *Designated* *%* *Coal Leases* *%*

Dev Potential *%* *Designated* *%* *Coal Leases* *%*

Open *%*

Open *%*

Open *%*

Open *%*

Available *%*

Available *%*