

From: [Juliussan, Lara](#)
To: [Ed Turner](#); [James Lindstrom](#); [Rich Young](#)
Subject: GRSG Fwd: EA info request
Date: Tuesday, January 20, 2015 5:01:32 PM
Attachments: [SMA_byPAC_IPA_PHMA.xlsx](#)

FYI - forgot to forward.

Lara Juliussan, Geographer/Ecologist
Sage-grouse Energy Team
U.S. Fish and Wildlife Service,
Region 6, Lakewood, CO
Lara_Juliussan@fws.gov
303-236-9876
<http://www.fws.gov/mountain-prairie/>

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<http://www.linkedin.com/pub/lara-juliussan/5/918/7a4>

----- Forwarded message -----

From: **Juliussan, Lara** <lara_juliussan@fws.gov>
Date: Tue, Jan 20, 2015 at 4:55 PM
Subject: Re: EA info request
To: "Stein, Theodore" <theodore_stein@fws.gov>

Hi Theo,

Here are the habitat acreage calculations by surface ownership (fed/state/private) as you requested. I included local government along with state. Included are calculations for both the Service's PAC and IPA habitat designations, as well as the BLM's PHMA. I also provided you a description of what each of these represent. Pat reviewed the descriptions for me.

I hope these will work well for your fact sheets. As the field reviews them, please draw their attention to the source of each layer. If they use different layers to verify, they will get different numbers.

Thanks,
Lara

Lara Juliussan, Geographer/Ecologist
Sage-grouse Energy Team
U.S. Fish and Wildlife Service,
Region 6, Lakewood, CO
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<http://www.fws.gov/mountain-prairie/>

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<http://www.linkedin.com/pub/lara-juliussan/5/918/7a4>

On Tue, Jan 20, 2015 at 11:16 AM, Stein, Theodore <theodore_stein@fws.gov> wrote:

Wonderful!
thank you

Theo Stein
Public Affairs Specialist
Region 6 External Affairs
US Fish and Wildlife Service
134 Union St.
Lakewood CO 80228
(303) 236-4336 o
(303) 859-4930 - c
Theodore_Stein@fws.gov

On Tue, Jan 20, 2015 at 10:41 AM, Juliusson, Lara <lara_juliusson@fws.gov> wrote:

I am working on this today and hope to have a table for each state.

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/>

Join me on LinkedIn

<http://www.linkedin.com/pub/lara-juliusson/5/918/7a4>

On Fri, Jan 9, 2015 at 2:04 PM, Stein, Theodore <theodore_stein@fws.gov> wrote:

Hey Lara
Happy Friday

Wondering if you could give me a rough ETA on the info request?
I do have a 1/20 deadline for those state fact sheets and I'll need to get them out to the field for review prior.

Thanks much~!

Theo Stein
Public Affairs Specialist
Region 6 External Affairs
US Fish and Wildlife Service
134 Union St.
Lakewood CO 80228
(303) 236-4336 o
(303) 859-4930 - c

Theodore_Stein@fws.gov

Greater Sage-grouse Habitat Designations and Surface Management by State

Priority Areas for Conservation (PAC):

In development of the 2013 COT report, PACs were identified in each state by our State partners as key habitats necessary for long-term sage-grouse persistence and conservation in their state. A range-wide PAC map was subsequently compiled and reviewed by the entire COT team to determine the adequacy of these areas in cumulatively ensuring long-term sage-grouse persistence and conservation on a range-wide basis. The final PAC map released in the 2013 COT report reflects their determination. The State of Montana has designated an additional state-determined PAC since completion of the COT report. After review of the biological information used to support Montana's new state area, FWS has also identified the new state area as a PAC as defined by the COT report.

Important Priority Areas (II)

The best available information regarding the status of the land has been updated since completion of the COT report. Information FWS is designating Important Priority Areas for purposes of completing analyses of

	Acres*	*rounded to the nearest hundred	
California (original PAC)	1,692,800		California (IPA revision)
Federal	1,622,200 (695,700 bi-state)		Federal
Local and State Government	70,600 (59,300 bi-state)		Local and State Government
Private	0		Private
Undetermined	449,600 (94,700 bi-state)		Undetermined
Colorado	2,365,300		Nevada (IPA revision)
Federal	954,300		Federal
Local and State Government	217,400		Local and State Government
Private	1,193,600		Private
Idaho	9,779,800		Undetermined
Federal	7,666,600		Utah (IPA addition)
Local and State Government	586,400		Federal
Private	1,526,800		Local and State Government
Montana	9,599,800		Private
Federal	3,521,000		
Local and State Government	854,200		
Private	5,213,200		
Undetermined	11,500		
Nevada (original PAC)	20,459,400		
Federal	17,703,000 (458,900 bi-state)		

Local and State Government	1,000
Private	2,595,800 (63,100 bi-state)
Undetermined	159,600
North Dakota	461,200
Federal	98,800
Local and State Government	24,700
Private	332,800
Undetermined	4,900
Oregon	6,568,000
Federal	4,888,000
Local and State Government	156,200
Private	1,523,200
Undetermined	600
South Dakota	621,600
Federal	96,800
Local and State Government	93,900
Private	430,400
Undetermined	500
Utah (original PAC)	7,489,700
Federal	4,190,000
Local and State Government	715,500
Private	2,584,200
Washington	2,700,400
Federal	809,800
Local and State Government	197,700
Private	1,688,500
Undetermined	4,400
Wyoming	15,280,200
Federal	8,570,800
Local and State Government	1,098,100
Private	5,551,700

Undetermined

59,600



PA):

guarding important areas for sage-grouse conservation
on of the 2013 COT report. Based on this new
important Priority Areas (IPAs) in UT and NV for the
for our status review of the Greater sage-grouse.

Priority Habitat Management Areas and General Habitat Areas (PHMA/GHMA):

PHMA and GHMA are GrSG habitat designations used by the BLM to ma
regard to their Resource Management Plan (RMP) revisions. PHMA and
defined by the BLM in collaboration with their respective state fish and
PHMA acreages provided here are based on area designations current w
plan revisions. (Note, PHMA should be consistent with USFWS PAC area
except for those that include IPA areas.)

Acres* *rounded to the nearest hundred	PHMA ONLY	Acres* *rounded to the nearest hundred
1,719,500	California	550,700
1,240,700	Federal	413,000
28,800	Local and State	
0	Government	9,700
450,000	Undetermined	128,000
25,600,200	Colorado	2,363,900
	Federal	954,200
21,332,400	Local and State	
	Government	216,800
13,600	Private	1,192,900
4,120,300	Idaho	6,018,000
133,900	Federal	4,782,000
	Local and State	
237,000	Government	363,500
157,200	Private	872,500
13,800	Montana	9,683,900
66,000	Federal	3,494,200
	Local and State	
	Government	864,200
	Private	5,314,100
	Undetermined	11,400
	Nevada	11,507,600
	Federal	9,683,200
	Local and State	
	Government	1,900

Private	1,741,200
Undetermined	81,300
North Dakota	461,200
Federal	98,800
Local and State Government	24,700
Private	332,800
Undetermined	4,900
Oregon	6,556,100
Federal	4,885,300
Local and State Gov	156,200
Private	1,514,000
Undetermined	600
South Dakota	983,400
Federal	129,400
Local and State Government	131,100
Private	721,500
Undetermined	1,400
Utah	5,612,500
Federal	2,927,400
Local and State Government	570,400
Private	2,114,600
Wyoming	15,107,100
Federal	8,254,500
Local and State Government	1,118,600
Private	5,689,600
Undetermined	44,400

Management

like decisions with
l GHMA areas were
wildlife agencies. The
with BLM's Proposed
as for most states

Surface Ownership

PAC

IPA

PHMA

Surface ownership is based on Surface Management Agency data provided by the BLM/NOC on 1/16/2015 and is the BLM's official SMA (<http://www.geocommunicator.gov/GeoComm/services.htm#Download>). These data had significant gaps in California and Nevada. These gaps were coded as "Undetermined" to allow full habitat PAC data is current as of 1/20/15. These data include the original CA, NV, and UT PAC designations from the 2013 IPA data is current as of 1/20/15. These data include proposed revisions to CA, NV, and UT. As of this date, these revisions have not been made official.

PHMA data was provided by the BLM/NOC on 1/14/2015. These data represent the BLM's Proposed Priority habitat from the RMP revisions, and is the best available at this time.

COT report.