

Forest Service Greater Sage-grouse Monitoring Annual Report
October 2015-September 2019



January 21, 2020

To: Director WFWRP

From: John Shvik, Special Assistant to the Regional Forester, Sage-grouse Coordinator

Date: January 6, 2020

Re: Annual Sage-grouse Report for Headquarters

Page 206 (in the Monitoring Appendix) of the 2015 Greater Sage-grouse Record of Decision for the Great Basin and page 132 of the Rocky Mountain Record of Decision state:

“These actions and authorizations, as well as progress toward completing and implementing activity-level plans, will be monitored consistently across all planning units and will be reported to BLM and Forest Service headquarters annually, with a summary report every 5 years, for the planning area.”

In order to fulfill the annual reporting requirement in the sage-grouse plans, I have compiled information about each item to be monitored (as detailed in the plans’ Monitoring Appendix). I have also supplied additional information that will assist the Forest Service in assessing the effectiveness of sage-grouse plans through time. This report is based on current databases and information available at the time of writing. All data are provisional, and some figures may be revised in later years as more complete information is compiled.

Background

The Greater Sage-Grouse ROD Monitoring Appendix lists major items for monitoring during the implementation of the Amendment:

Implementation (Decision) Monitoring.

Habitat Monitoring.

 Measure 1: Sagebrush Availability (percent of sagebrush per unit area)

 Measure 2: Habitat Degradation (percent of human activity per unit area)

 Measure 3: Energy and Mining Density (facilities and locations per unit area)

Population (Demographics) Monitoring.

Effectiveness Monitoring

Effectiveness Monitoring identifies various land agency contributions to habitat loss and calculates the trend of the above metrics over time by posing a series of additional questions:

Sagebrush Availability and Condition:

- What is the amount of sagebrush availability (existing vegetation) and the change in the amount and condition of sagebrush at large and mid to small scales?
- What is the existing amount of sagebrush on the landscape and the change in the amount relative to the pre-EuroAmerican historical, and potential, distribution of sagebrush (Biophysical potential)?
- What is the trend and condition of the indicators describing sagebrush characteristics important to sage-grouse?

Habitat Degradation and Intensity of Activities:

- What is the amount of habitat degradation and the change in that amount?
- What is the intensity of activities and the change in the intensity?
- What is the amount of reclaimed energy-related degradation and the change in the amount?
- What is the population estimation of sage-grouse and the change in the population estimation?
- How are the BLM and the Forest Service contributing to changes in the amount of sagebrush?
- How are the BLM and the Forest Service contributing to disturbance?
- Is the Amendment effective?
- Is this plan meeting the sage-grouse habitat objectives?
- Are sage-grouse areas within the LUP meeting, or making progress toward meeting, land health standards, including the Special Status Species/wildlife habitat standard?
- Is the plan meeting the disturbance objective(s) within sage-grouse areas?
- Are the sage-grouse populations within this plan boundary and within the sage-grouse areas increasing, stable, or declining?

To satisfy these monitoring requirements, Region 4, in collaboration with Regions 2 and 1, has collected required information from various sources, with particularly close cooperation with the BLM. The results follow in tabular form, referencing the above items. Additional, related information, when available, will be added within appendices to this document. This document will be updated annually and will build into a comprehensive report for the Fish and Wildlife Service review in 2020. Because of the ongoing nature of projects and modifications of GIS and other databases, all figures in this report may be revised in future versions. For comments and corrections contact John Shivik (john.shivik@usda.gov).

Important Summary Tables

Table S1. Implementation Monitoring (from Table 1).

R4 FS Lands:	Total Unit Decisions	Decisions in PHMA, AMMA	Number (%) with added conditions#	Decisions in GHMA	Number (%) with added conditions#	Decisions in IHMA	Number (%) with added conditions#	Number of Mineral Exceptions	Number of decisions in MAs (% of total)	Number (%) consistent with plans
Ashley	42	11	9 (82)	1	0 (0)	0	0 (0)	0	12 (29)	12 (100)
Beaverhead-Deerlodge	72	2	0 (0)	9	0 (0)	0	0 (0)	0	10 (14)	10 (100)
Boise NF	55	1	0 (0)	2	0 (0)	0	0 (0)	0	3 (5)	3 (100)
Bridger-Teton	68	19	7 (37)	19	4 (21)	0	0 (0)	0	34 (50)	34 (100)
Caribou-Targhee	53	1	0 (0)	0	0 (0)	7	0 (0)	0	8 (15)	8 (100)
Dixie	38	NA	NA	NA	NA	0	0 (0)	0	NA	NA
Fishlake	31	3	3 (100)	3	3 (100)	0	0 (0)	0	6 (19)	6 (100)
Humboldt-Toiyabe	77	22	17 (77)	21	14 (67)	0	0 (0)	0	33 (43)	33 (100)
Manti-La Sal	43	4	1 (25)	0	0 (0)	0	0 (0)	0	4 (9)	4 (100)
Medicine-Bow Routt*	123	10	10 (100)	32	18 (56)	0	0 (0)	0	37 (30)	37 (100)
Salmon-Challis	89	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sawtooth	45	4	3 (75)	5	2 (40)	4	1 (25)	0	10	10 (100)
UWC	177	19	4 (21)	0	0	0	0 (0)	0	19	19 (100)
Provisional Total	672	83	45 (54)	82	41 (50)	11	1 (9)	0	165 (25)	165 (100)

#Conditions such as waivers, exceptions, modifications, additional stipulations, conditions, or added requirements (e.g., timing or other restrictions or mitigation through Avoidance, Minimization, or Compensatory Mitigation) were applied to the decision.

*Includes Thunder Basin Grassland

¹NA: data not available

Table S2. Habitat Degradation 2015-2018 (from Table 5).

BSU Acres	Acres of HMA in BSU		PHMA + IHMA	Disturbance Estimate - 2015		Disturbance Estimate - 2016		Disturbance Estimate - 2017		Disturbance Estimate - 2018		Overall Change - 2015 to 2018	
	PHMA	IHMA		PHMA / IHMA- Acres	PHMA / IHMA- %	Acres	%						
91,578,420	58,380,886	3,367,003	61,747,889	421,070	0.68%	432,451	0.70%	435,972	0.71%	436,528	0.71%	15,458	0.03%

Table S3. Summary of male greater sage-grouse counted within Idaho, Montana, Nevada, Wyoming, and Utah 2014-present. From Table 6a as determined from state agency reporting.

Year	2014	2015	2016	2017	2018	2019
Total	70671	112052	146378	129411	106841	77939

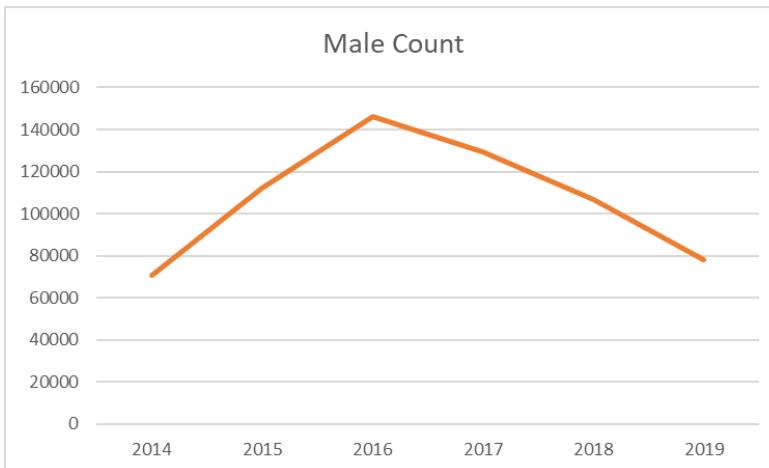


Table S4. Sage-Grouse Habitat Improvement (approximate acres and projects, pending revision), Fiscal Years 2016-2019 reported for the Northern, Intermountain, and Rocky Mountain Regions. From Appendix A.

	Dollars spent	Amount
Acres Improved	\$6,541,596	478,767
Linear Miles Improved	\$1,070,292	169
Total Dollars	\$7,611,888	

Table S5. Adaptive Management Trigger summary by state. From Appendix B.

	Hard	Soft
Colorado	0	0
Idaho	5	1
Montana	0	0
Nevada	TBD	TBD
Utah	1	2
Wyoming	0	2

Table S6. Acres of GRSG habitat burned in 2016-2019 on National Forest System lands by state. Details in Appendix C.

State	USFS GRSG Acres Burned 2019	USFS GRSG Acres Burned 2018	USFS GRSG Acres Burned 2017	USFS GRSG Acres Burned 2016	4-year Total
Colorado	0	216	0	0	216
Idaho	0	28,175	1,064	176	29,415
Montana	0	NA	4,982	NA	NA
Nevada	20,025	155,898	4,056	3	179,982
Utah	0	8,389	35,164	4,077	47,630
Wyoming	691	1,926	0	2,138	4,755
Total	20,716	194,604	40,284	6,394	261,998[#]

[#]Data from Montana not included, information not available at National Interagency Fire Center, January 2020:
<https://www.nifc.gov/fireandsagegrouse/mapsData.html>

Table 1. Implementation Monitoring (Item A)

Number of authorizations (NEPA decisions) and associated conditions or restrictions (e.g., waivers, exceptions, modifications, additional stipulations, conditions, added requirements and efforts to avoid, minimize, or use compensatory mitigation) in PHMA and GHMA September 2017-Sept 2019; information provided by each listed National Forest.

Ashley National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11040101 - Flaming Gorge Ranger District	Bighorn Sheep Habitat Improvement Project	01/14/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11040104 - Duchesne Ranger District	Honeycomb Mine Project	05/11/2016	- Minerals and Geology	NA	NA	NA
11040102 - Vernal Ranger District	Whiterocks Canyon Hazardous Fuels Reduction Project	06/10/2016	- Forest products - Vegetation management - Fuels management	NA	NA	NA
11040104 - Duchesne Ranger District	Amber Onyx Mine Project	06/27/2016	- Minerals and Geology	NA	NA	NA
11040100 - Ashley National Forest All Units	Whiterocks Canyon Existing Water System Permit Renewal	07/26/2016	- Special use management	NA	NA	NA
11040100 - Ashley National Forest All Units	East Park Reservoir and Little Brush Creek Waterline	09/07/2016	- Special use management	NA	NA	NA

11040102 - Vernal Ranger District	Highway 191 Barrier Rock Project	10/17/2016	- Minerals and Geology	NA	NA	NA
11040100 - Ashley National Forest All Units	Dutch John Basin and Dowd Mountain Wildlife Water Guzzlers	03/15/2017	- Wildlife, Fish, Rare plants	PHMA	Yes	No modifications. Incorporated Standard-006 No noise activities above 10dB ambient near lek perimeter from March 1-April 30 between 6 p.m. and 9 a.m.
11040100 - Ashley National Forest All Units	Lambson Draw Allotment Livestock Conversion	04/24/2017	- Grazing management	NA	NA	NA
11040104 - Duchesne Ranger District	Strawberry Peak Livestock Conversion	05/25/2017	- Grazing management	NA	NA	NA
11040100 - Ashley National Forest All Units	Strata Networks Fiber Optic Cable Project	06/16/2017	- Special use management	PHMA (portions of the project)	Yes	No modifications. Followed plan components.
11040102 - Vernal Ranger District	Greater Sage-Grouse Habitat Improvement Project	07/10/2017	- Wildlife, Fish, Rare plants	PHMA	Yes	No modifications. Standard 006- Lekking Noise Restriction (March 1-April 30 6 p.m. to 9 a.m.); Guideline 007-Disruptive Activity Restriction (March 15-June 15); Fencing restriction of 1.2 miles from lek without design features
11040104 - Duchesne Ranger District	Smokey Spring Landslide Reroute	07/12/2017	- Recreation management - Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA

11040101 - Flaming Gorge Ranger District	Half Whiskey Moon Lookout Forest Restoration Project	08/07/2017	- Wildlife, Fish, Rare plants - Forest products - Fuels management - Watershed management	NA	NA	NA
11040102 - Vernal Ranger District	Backlog Lodgepole Timber Stand Improvement (TSI) Project	08/17/2017	- Vegetation management (other than forest products)	NA	NA	NA
11040102 - Vernal Ranger District	D2 Range Improvement Projects	08/25/2017	- Grazing management	PHMA	YES	No modifications. Standard 006- Lekking Noise Restriction (March 1- April 30 6 p.m. to 9 a.m.); Guideline 007-Disruptive Activity Restriction (March 15-June 15); Fencing restriction of 1.2 miles from lek without design features
11040100 - Ashley National Forest All Units	Special Use Permit Renewals on the Ashley National Forest	08/29/2017	- Special use management	NA	NA	NA
11040100 - Ashley National Forest All Units	Government Creek Meadow Stabilization and Restoration	09/03/2017	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA
11040104 - Duchesne Ranger District	Milk Lake Dam Stabilization	09/25/2017	- Heritage resource management - Watershed management - Facility management	NA	NA	NA

11040101 - Flaming Gorge Ranger District	Spirit Lake Forest Restoration Project	10/17/2017	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11040100 - Ashley National Forest All Units	Berry Petroleum Lease Reinstatement Project - UTU77328	11/03/2017	- Minerals and Geology	AHMA - Anthro	Yes	No modifications - Followed plan components.
11040101 - Flaming Gorge Ranger District	Manila Office Construction Project	11/20/2017	- Facility management	NA	NA	NA
11040100 - Ashley National Forest All Units	Special Use Permit Renewals on the Ashley National Forest	05/22/2018	- Special use management	NA	NA	NA
11040100 - Ashley National Forest All Units	Lake Fork Fuels Reduction and Wildlife Habitat Improvement Project	06/15/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	GHMA - Portions of project	Yes	No modifications. Followed plan components.
11040104 - Duchesne Ranger District	Avintaquin Lop and Scatter Project	06/22/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products)	NA	NA	NA

11040104 - Duchesne Ranger District	South Fork Rock Creek - Blind Stream Hazard Tree Removal Project	06/27/2018	- Recreation management - Forest products - Fuels management - Road management	NA	NA	NA
11040103 - Roosevelt Ranger District	Duchesne/Roosevelt District Wide Range Improvement Project	07/27/2018	- Grazing management	AHMA - Anthro	Yes	No modifications. Followed plan components.
11040100 - Ashley National Forest All Units	Riverview Campground Bank Stabilization CE	08/17/2018	- Watershed management - Facility management	NA	NA	NA
11040102 - Vernal Ranger District	Lake Mountain Guzzlers	09/12/2018	- Wildlife, Fish, Rare plants - Grazing management - Vegetation management (other than forest products)	PHMA	YES	No modifications. Incorporated Guideline 007-Disruptive Activity Restriction (March 1-June 15)
11040100 - Ashley National Forest All Units	Ubar Ranch Restoration Project	10/15/2018	- Special use management	NA	NA	NA
11040101 - Flaming Gorge Ranger District	Antelope Flat Vegetation Management Project	10/23/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products)	PHMA	Yes	No modifications. Incorporated Standard-006 No noise activities above 10dB ambient near lek perimeter from March 1-April 30 between 6 p.m. and 9 a.m.

11040102 - Vernal Ranger District	Uinta Mountain Meadow Restoration (Conifer Lop and Scatter)	10/24/2018	- Vegetation management (other than forest products)	PHMA	Yes	No modifications. Incorporated Guideline 007-Disruptive Activity Restriction (March 15-June 15)
11040100 - Ashley National Forest All Units	Special use permit for access road to Fisher Ranch	10/30/2018	- Special use management	NA	NA	NA
11040101 - Flaming Gorge Ranger District	Cedar Springs Marina Powerline (Special Use Permit)	02/14/2019	- Special use management	NA	NA	NA
11040101 - Flaming Gorge Ranger District	Dutch John Mountain Communications Tower (Special Use Permit)	02/14/2019	- Special use management	PHMA	Yes	No Modifications. Followed plan components.
11040101 - Flaming Gorge Ranger District	Lucerne Marina Dock (Special Use Permit)	02/14/2019	- Special use management	NA	NA	NA
11040104 - Duchesne Ranger District	Yellowstone Trail (057) Cut Bank Reroute	02/26/2019	- Recreation management	NA	NA	NA
11040102 - Vernal Ranger District	South Slope Vegetation Restoration	03/21/2019	- Grazing management - Vegetation management (other than forest products)	PHMA	YES	No modifications. Incorporated Guideline 007-Disruptive Activity Restriction (March 1-June 15)
11040100 - Ashley National Forest All Units	Oaks Park Water Well & Pump House Special Use Permit Renewal	03/26/2019	- Special use management	NA	NA	NA

11040102 - Vernal Ranger District	NF Ashley Creek Fish Habitat Enhancement Project	04/15/2019	- Wildlife, Fish, Rare plants	NA	NA	NA
11040100 - Ashley National Forest All Units	Forest-wide Hazard Tree Project	05/02/2019	- Forest products - Vegetation management (other than forest products) - Road management	NA	NA	NA
11040104 - Duchesne Ranger District	Uinta Beaver Dam Trail Reroute	07/17/2019	- Recreation management	NA	NA	NA

Beaverhead-Deerlodge National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11010000 - R1 - Northern Region All Units	KNF Communication Site Designation	03/22/2016	- Special use management	NA	NA	NA
11010000 - R1 - Northern Region All Units	KNF Communication Site Designations: Garver Mountain, Lost Horse Mountain	11/16/2016	- Special use management	NA	NA	NA
11010000 - R1 - Northern Region All Units	R1 2018 Mushroom Harvest Program	05/03/2018	- Special use management	NA	NA	NA
11010000 - R1 - Northern Region All Units	Smart Creek Minerals Exploration	04/30/2018	- Minerals and Geology	NA	NA	NA
11010200 - Beaverhead-Deerlodge National Forest All Units	Fleecer Mountains Project - Supplemental EA / Fleecer Mountains Project Decision Notice 2018	2/1/2018	- Wildlife, Fish, Rare plants - Forest products - Vegetation management (other than forest products)	GHMA	Y	NA
11010200 - Beaverhead-Deerlodge National Forest All Units	BDNF Aspen Project	08/04/2016	- Vegetation management (other than forest products)	GHMA and PHMA	Y	NA

11010200 - Beaverhead- Deerlodge National Forest All Units	Circle S Pasture Special Use Permit Renewal	11/07/2016	- Grazing management - Special use management	GHMA	Y	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Discovery Ski Area Special Use Ammendment	02/17/2017	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Donald R. Communication Site SUP Renewal	07/13/2016	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Flat Iron Small Tracts Act Conveyance and Private Road Permit	07/21/2016	- Land ownership management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Flint Foothills Vegetation Management Project	08/04/2016	- Forest products - Vegetation management (other than forest products)	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Forest Plan Supplemental EIS and New Information Review - Bighorn Sheep	10/26/2018	- Land management planning	NA	NA	NA

11010200 - Beaverhead- Deerlodge National Forest All Units	Forest Plan Supplemental EIS and New Information Review - Bighorn Sheep / ROD for BDNF Land & Resource Management Plan (Bighorn Sheep - MOU)	10/26/2018	- Land management planning	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Gruchow Private Road Special Use Permit	04/11/2017	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Master SUP Amendments to bury power & phone lines under Stony Creek Road / Special Use Permit Amendments	06/08/2016	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	McGraw-Mammoth, LLC, Small Tracts Act	09/13/2017	- Land ownership management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Montana Resources Small Tracts Act Conveyance	07/19/2016	- Land ownership management	NA	NA	NA

11010200 - Beaverhead- Deerlodge National Forest All Units	Moosehorn Ditch Hazard Removal Project	11/23/2016	- Vegetation management (other than forest products) - Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Murphy Private Road and Buried Powerline Special Use Permit	08/01/2016	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	NCRS SNOTEL Sites Conversion Project	07/06/2017	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Nissler Junction Power Pole Replacement	07/15/2016	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	O'Dell Lookout Trail Reconstruction	06/23/2016	- Recreation management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Ramshorn Creek Reciprocal Trail Access	02/29/2016	- Special use management	NA	NA	NA
11010200 - Beaverhead- Deerlodge	Ruby River Winter Habitat	03/30/2018	- Wildlife, Fish, Rare plants - Vegetation	GHMA	Y	NA

National Forest All Units	Improvement Project		management (other than forest products)			
11010200 - Beaverhead- Deerlodge National Forest All Units	Supplemental EIS - BDNF Land & Resource Management Plan to comply with District of Mont Court Order	10/11/2016	- Land management planning	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Tendoy Lake Dam Removal / Tendoy Dam Removal	09/27/2017	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA
11010200 - Beaverhead- Deerlodge National Forest All Units	Vipond Water Development	08/30/2016	- Grazing management	GHMA	Y	NA
11010201 - Dillon Ranger District	Carroll Hill Spring Special Use Permit	05/23/2017	- Grazing management	GHMA	Y	NA
11010201 - Dillon Ranger District	Goldstone Fire Area Trails Repair and Relocation	08/13/2019	- Recreation management	NA	NA	NA
11010201 - Dillon Ranger District	Pfleiger Private Road Special Use Permit	11/07/2016	- Special use management	NA	NA	NA
11010201 - Dillon Ranger District	Selway Creek Fish Barrier	08/14/2019	- Wildlife, Fish, Rare plants	NA	NA	NA

11010201 - Dillon Ranger District	Selway Diversions Project	11/16/2016	- Grazing management - Watershed management - Facility management	NA	NA	NA
11010201 - Dillon Ranger District	Selway Gravel Pits Expansion	06/20/2019	- Facility management - Road management	NA	NA	NA
11010201 - Dillon Ranger District	Selway Meadows Hardened Stream Crossings	02/15/2019	- Watershed management	NA	NA	NA
11010201 - Dillon Ranger District	Snowline Cow Camp Special Use Permit Renewal	11/07/2016	- Special use management	PHMA	Y	NA
11010201 - Dillon Ranger District	Tash Pasture Special Use Permit	11/07/2016	- Grazing management - Special use management	GHMA	Y	NA
11010201 - Dillon Ranger District	West Selway Meadows Irrigation Diversions Repair	09/27/2017	- Grazing management - Watershed management	NA	NA	NA
11010202 - Wise River Ranger District	Clementine Exploration Drilling Project	07/08/2016	- Minerals and Geology	NA	NA	NA
11010202 - Wise River Ranger District	Schwinegar Lake Trail #2259 Reroute	06/01/2017	- Recreation management	NA	NA	NA
11010203 - Wisdom Ranger District	Bender Creek Fish Barrier	08/08/2017	- Wildlife, Fish, Rare plants	NA	NA	NA

11010203 - Wisdom Ranger District	Chief Joseph Cross Country Ski Trail Hazard Tree Project	04/19/2016	- Recreation management	NA	NA	NA
11010203 - Wisdom Ranger District	North and West Big Hole Allotment Management Plans	03/25/2016	- Grazing management	GHMA	NA	NA
11010203 - Wisdom Ranger District	Roadside Hazard Tree Removal #9	07/31/2018	- Road management	NA	NA	NA
11010204 - Butte Ranger District	Butte Highland Mine Haul Road	10/09/2015	- Minerals and Geology	NA	NA	NA
11010204 - Butte Ranger District	CDNST Pipestone Pass Trailhead Project	08/01/2018	- Recreation management	NA	NA	NA
11010204 - Butte Ranger District	Eagle's Nest Trail Extension	07/26/2016	- Recreation management	NA	NA	NA
11010204 - Butte Ranger District	East Fork Divide Creek Beaver Analog	04/16/2019	- Watershed management	NA	NA	NA
11010204 - Butte Ranger District	Red Rocks Vegetation Project	08/27/2019	- Forest products - Vegetation management (other than forest products)	NA	NA	NA
11010204 - Butte Ranger District	S Fk N Fk Divide Creek Channel Restoration	09/14/2018	- Wildlife, Fish, Rare plants	NA	NA	NA
11010204 - Butte Ranger District	Sheepshead Spring Development	09/09/2019	- Grazing management	NA	NA	NA
11010204 - Butte Ranger District	Wilson Gulch Trough Relocation	09/09/2019	- Grazing management	NA	NA	NA

11010206 - Madison Ranger District	Antelope Basin Storage Tank Project	09/02/2016	- Grazing management	GHMA	Y	NA
11010206 - Madison Ranger District	Hill Reservoir Dam Decommisioning Revise	08/03/2017	- Watershed management	NA	NA	NA
11010206 - Madison Ranger District	Klatt (Kelly) Reservoir Dam Decommissioning	08/03/2017	- Watershed management	NA	NA	NA
11010206 - Madison Ranger District	Monument Fire Whitebark Pine Planting	06/21/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products)	NA	NA	NA
11010206 - Madison Ranger District	MT58_Voigt Plan of Operations / Decision Memo for MT58 Voigt Plan of Operations.	07/21/2017	- Minerals and Geology	NA	NA	NA
11010207 - Jefferson Ranger District	Canyon Trail #7077 Maintenance and Construction	01/13/2016	- Recreation management	NA	NA	NA
11010207 - Jefferson Ranger District	Little Gem Mine	09/29/2017	- Minerals and Geology	NA	NA	NA
11010207 - Jefferson Ranger District	Moss Water Transmission Line	07/07/2016	- Special use management	NA	NA	NA
11010208 - Pintler Ranger District	Cornish Gulch Exploration	07/03/2018	- Minerals and Geology	NA	NA	NA

11010208 - Pintler Ranger District	Dennis Hewitt Private Road Special Use Permit	11/02/2016	- Special use management	NA	NA	NA
11010208 - Pintler Ranger District	Echo Lake Cross Country Ski Area Parking and Trail Access	11/14/2016	- Recreation management	NA	NA	NA
11010208 - Pintler Ranger District	Echo Lake Ski Trail Warming Hut	10/27/2017	- Recreation management	NA	NA	NA
11010208 - Pintler Ranger District	Finley Basin Minerals Exploration Project	11/13/2015	- Minerals and Geology	NA	NA	NA
11010208 - Pintler Ranger District	Goldberg Water System Decommission	08/05/2019	- Watershed management - Facility management	NA	NA	NA
11010208 - Pintler Ranger District	Little Hogback - Meyers Salvage Project / Little Hogback Salvage Project Decision Notice	08/16/2019	- Forest products	NA	NA	NA
11010208 - Pintler Ranger District	Little Hogback - Meyers Salvage Project / Meyers Salvage Project Decision Notice	08/16/2019	- Forest products	NA	NA	NA
11010208 - Pintler Ranger District	NorthWestern Energy Georgetown Lake Underground Powerline Installation	07/22/2017	- Special use management	NA	NA	NA

11010208 - Pintler Ranger District	Rfwave Communications Use Lease for Rural Broadband Internet	07/07/2016	- Special use management	NA	NA	NA
11010208 - Pintler Ranger District	Smart Creek Mineral Exploration Project 2017 / Smart Creek Mineral Exploration Project	02/23/2017	- Minerals and Geology	NA	NA	NA
11010208 - Pintler Ranger District	T-Mobile Lease for Cellular Equipment / T-Mobile Communication Use Lease for Cellular Equipment	07/07/2016	- Special use management	NA	NA	NA
11010208 - Pintler Ranger District	Whetstone Ridge Trail #8020 Relocation	11/03/2016	- Recreation management	NA	NA	NA

Boise NF National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11040200 - Boise National Forest All Units	Boise Basin Experimental Forest Project	07/30/2019	- Forest products - Vegetation management (other than forest products) - Fuels management - Road management - Research and Development	NA	NA	NA
11040200 - Boise National Forest All Units	CenturyLink Special Use Permit	10/04/2017	- Special use management	NA	NA	NA
11040200 - Boise National Forest All Units	Hazel #1 Minerals Exploration Project	08/11/2017	- Minerals and Geology	NA	NA	NA
11040200 - Boise National Forest All Units	South Zone Easements/Special Use Permits for Private Landowner Access	12/19/2016	- Special use management - Road management	GHMA	Y	NA

11040201 - Mountain Home Ranger District	Bogus Basin Forest Health Project		- Recreation management - Forest products - Vegetation management (other than forest products) - Fuels management - Special use management	NA	NA	NA
11040201 - Mountain Home Ranger District	Bogus Basin Recreation Area Special Use Permit Amendment Snowmaking Phase 1	08/17/2018	- Special use management	NA	NA	NA
11040201 - Mountain Home Ranger District	BOR Grape Mountain Telecommunication Site Special Use Permit Project	02/01/2018	- Special use management	NA	NA	NA
11040201 - Mountain Home Ranger District	BOR Shafer Equipment Building Expansion	03/27/2019	- Facility management	NA	NA	NA
11040201 - Mountain Home Ranger District	BSU Dry Creek Experimental Watershed Weather Station Decision Memo	06/26/2019	- Research and Development	NA	NA	NA

11040201 - Mountain Home Ranger District	Cottonwood II Fuels Reduction Project	09/08/2016	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11040201 - Mountain Home Ranger District	Day Wireless Propane Tank and Generator Installation	09/20/2019	- Facility management	NA	NA	NA
11040201 - Mountain Home Ranger District	Dog Creek Campground Powerline Maintenance	03/28/2019	- Special use management	NA	NA	NA
11040201 - Mountain Home Ranger District	Henry Clay Exploration Project	10/11/2017	- Minerals and Geology	NA	NA	NA
11040201 - Mountain Home Ranger District	Little Camas Rural Telephone Line	09/30/2019	- Special use management	PHMA	Y	NA
11040201 - Mountain Home Ranger District	Stack Rock Trail Construction	04/11/2019	- Recreation management	NA	NA	NA
11040201 - Mountain Home Ranger District	Wilson Flat Trail Reconstruction Project	02/22/2018	- Recreation management	GHMA	Y	NA
11040203 - Idaho City Ranger District	B and M Exploration Project Decision Memo	05/17/2016	- Minerals and Geology	NA	NA	NA

11040203 - Idaho City Ranger District	Becker Integrated Resource Project Record of Decision	06/22/2016	- Recreation management - Wildlife, Fish, Rare plants - Forest products - Vegetation management (other than forest products) - Fuels management - Watershed management - Road management	NA	NA	NA
11040203 - Idaho City Ranger District	Boise County Road & Bridge Department Storage Yard	11/16/2018	- Special use management	NA	NA	NA
11040203 - Idaho City Ranger District	Buckley Road Permit	09/06/2018	- Special use management	NA	NA	NA
11040203 - Idaho City Ranger District	Buckskin Restoration Project	02/16/2017	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11040203 - Idaho City Ranger District	Century Link Fiber Optic Cable Project 2018 DM	06/27/2018	- Special use management	NA	NA	NA

11040203 - Idaho City Ranger District	Heart of Gold Exploration Project	08/25/2017	- Minerals and Geology	NA	NA	NA
11040203 - Idaho City Ranger District	South Pioneer Fire Salvage and Reforestation Project	07/10/2017	- Recreation management - Forest products - Vegetation management (other than forest products) - Fuels management - Watershed management - Road management - Research and Development	NA	NA	NA
11040203 - Idaho City Ranger District	Swanholm Repeater Site Project Decision Memo	04/19/2016	- Facility management	NA	NA	NA
11040204 - Cascade Ranger District	Assessment to Address Valley County's Request for Snowmobile Grooming Routes	02/21/2017	- Recreation management	NA	NA	NA
11040204 - Cascade Ranger District	Dollar Creek Road Obliteration	02/17/2017	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA

11040204 - Cascade Ranger District	French Hazard WUI	10/15/2018	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11040204 - Cascade Ranger District	Ice Hole Campground Project	01/25/2017	- Recreation management - Watershed management - Facility management	NA	NA	NA
11040204 - Cascade Ranger District	Idaho Power Meteorological Station Deployment	01/10/2017	- Special use management	NA	NA	NA
11040204 - Cascade Ranger District	IDP Westside Consolidated SUP Renewal	08/10/2018	- Special use management	NA	NA	NA
11040204 - Cascade Ranger District	National Forest System (NFS) 427/474 Roads Project and the Communications Upgrade of Telephone Facilities within the footprint of NFS 427 Road	05/31/2019	- Watershed management - Special use management - Road management	NA	NA	NA
11040204 - Cascade Ranger District	No Business Mountain Communication Site Special Use Permit Renewals	08/20/2018	- Special use management	NA	NA	NA

11040204 - Cascade Ranger District	Paradise Valley Homeowners Association Dock Permit	07/16/2019	- Special use management	NA	NA	NA
11040204 - Cascade Ranger District	Rainbow Point and Amanita Campground Forest Health and Safety Improvement Project (Rainbow-Amanita)	02/10/2017	- Recreation management - Facility management	NA	NA	NA
11040204 - Cascade Ranger District	Section 31 Subdivision Waterline - Special Use Permit Renewal	08/14/2019	- Special use management	NA	NA	NA
11040204 - Cascade Ranger District	Snowbank Mountain Communication Site Permit Renewals	08/20/2018	- Special use management	NA	NA	NA
11040204 - Cascade Ranger District	South Fork Salmon River GRAIP Sediment Monitoring Plots	01/11/2017	- Watershed management	NA	NA	NA
11040204 - Cascade Ranger District	Valley County Quarry Development	02/28/2019	- Minerals and Geology - Special use management	NA	NA	NA
11040204 - Cascade Ranger District	Valley County Snowmobile Groomer Shed Special Use Permit Renewal	04/06/2018	- Special use management	NA	NA	NA

11040204 - Cascade Ranger District	Valley County Transfer Stations Special Use Permit Renewal	04/06/2018	- Special use management	NA	NA	NA
11040204 - Cascade Ranger District	Warm Lake Recreational Water Users District - Special Use Permit Renewal	08/14/2019	- Special use management	NA	NA	NA
11040204 - Cascade Ranger District	Yellow Pine Blowdown	06/01/2017	- Recreation management - Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11040204 - Cascade Ranger District	Yellow Pine Fire Station Special Use Permit Renewal	04/06/2018	- Special use management	NA	NA	NA
11040205 - Lowman Ranger District	Avalanche Mitigation-Highway 21 Special Use Permit Renewal	06/14/2019	- Special use management	NA	NA	NA
11040205 - Lowman Ranger District	Carlin Mineral Exploration Project Decision Memo	06/23/2017	- Minerals and Geology	NA	NA	NA

11040205 - Lowman Ranger District	North Fork Pioneer Fire Salvage and Reforestation Project	06/23/2017	- Recreation management - Forest products - Vegetation management (other than forest products) - Fuels management - Watershed management - Road management - Research and Development	NA	NA	NA
11040205 - Lowman Ranger District	West Lowman Natural Fuels Reduction Project	12/11/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11040206 - Emmett Ranger District	Boise County Road and Bridge Department Pine Flats Stock pile on the Banks- Lowman Road	06/15/2018	- Special use management	NA	NA	NA

11040206 - Emmett Ranger District	Cottonwood Project	07/24/2019	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11040206 - Emmett Ranger District	High Valley Integrated Restoration Project	09/22/2016	- Forest products - Fuels management - Watershed management	NA	NA	NA
11040206 - Emmett Ranger District	Horseshoe Bend to Garden Valley 34.5kV Distribution Line Project	07/24/2018	- Special use management	NA	NA	NA
11040206 - Emmett Ranger District	Idaho Power South Fork Powerline Relocation Special Use Permit Amendment	06/02/2016	- Special use management	NA	NA	NA
11040206 - Emmett Ranger District	Lodgepole Springs Restoration Prescribed Burn Project	04/12/2018	- Fuels management	NA	NA	NA
11040206 - Emmett Ranger District	Silver Creek Bank Stabilization	08/19/2019	- Watershed management	NA	NA	NA

Bridger-Teton National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11040306 - Buffalo Ranger District	Buffalo Fork Bank Stabilization Project	10/13/2015	- Special use management	NA	NA	NA
11040302 - Big Piney Ranger District	Horse Creek Winter Trailhead Parking Lot Extension	11/03/2015	- Recreation management	GHMA	Y	Non-habitat. Although the current parking lot is located in GHMA - the area is not sage grouse habitat. It is located adjacent to a major county road as well as tree cover; primarily used for snowmobile parking in the winter.
11040300 - Bridger-Teton National Forest All Units	Wyoming Game and Fish Commission Alkali Creek Feedground / Long Term Special Use Authorization for the Wyoming Game & Fish Commission	12/01/2015	- Special use management	PHMA	Y	NA
11040301 - Kemmerer Ranger District	LaBarge Vegetation Restoration Project	12/14/2015	- Vegetation management (other than forest products)	NA	NA	NA

11040301 - Kemmerer Ranger District	Shafer Creek and LaBarge Creek Fish Passage Culvert Replacement Project	12/15/2015	- Wildlife, Fish, Rare plants - Watershed management - Road management	NA	NA	NA
11040304 - Jackson Ranger District	Karn - domestic water well and water transmission pipeline reauthorization.	02/03/2016	- Special use management	GHMA	Y	
11040306 - Buffalo Ranger District	Grand Teton National Park - Reauthorization of Spread Creek Gravel Pit	02/03/2016	- Special use management	PHMA	Y	Timing restriction; operations restricted to June 30-October 31. A start date 14 days earlier may be approved based on credible data showing no impact to leks and nesting habitat.
11040303 - Greys River Ranger District	Star Valley Ranch Bark Beetle Mitigation and Wildland Urban Interface Maint	03/28/2016	- Fuels management	NA	NA	NA
11040304 - Jackson Ranger District	Recreation event reauthorization	03/31/2016	- Special use management	PHMA GHMA	Y	Outfitter-guides are authorized to only use existing permitted roads, trails, areas and assigned camps. Progressive and assigned camps comply with GYA Outfitter Policy. Forest food storage regulations apply.

11040304 - Jackson Ranger District	Snow King West & Jackson Hole Mountain Resort - Communications Sites reauthorization	04/05/2016	- Special use management	GHMA	Y	Non-habitat.
11040304 - Jackson Ranger District	Livestock area reauthorization for Robert Gill	06/27/2016	- Special use management	NA	NA	NA
11040306 - Buffalo Ranger District	Dime and Mystery Lake Snake River Cutthroat Trout Restoration Project	07/07/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11040301 - Kemmerer Ranger District	LaBarge Creek Watershed Fish Passage and Culvert Replacement Project	07/28/2016	- Wildlife, Fish, Rare plants - Watershed management - Road management	NA	NA	NA
11040304 - Jackson Ranger District	Davidson Road Right-of-Way authorization	08/30/2016	- Special use management	GHMA	Y	NA
11040307 - Pinedale Ranger District	Skyline Wildland Urban Interface Fuels Reduction	09/13/2016	- Fuels management	PHMA	NA	Avoided. Sagebrush habitat was excluded from project treatment area
11040304 - Jackson Ranger District	PowWow Communications Site Reauthorization	09/20/2016	- Special use management	NA	NA	NA
11040302 - Big Piney Ranger District	Middle Piney Dam and Road Reconstruction	11/04/2016	- Facility management	NA	NA	NA

11040306 - Buffalo Ranger District	Heart 6 Ranch, LLC Livestock Area	12/02/2016	- Special use management	GHMA	Y	NA
11040300 - Bridger-Teton National Forest All Units	Rocky Mountain International Stage Stop Sled Dog Race Reauthorization	12/23/2016	- Special use management	PHMA GHMA	Y	NA
11040300 - Bridger-Teton National Forest All Units	One Year Re-Authorization to Operate Forest Park and Dell Creek Feedgrounds	01/03/2017	- Special use management	NA	NA	NA
11040302 - Big Piney Ranger District	Oil and Gas Leasing in Portions of the Wyoming Range in the Bridger-Teton National Forest	01/17/2017	- Minerals and Geology	PHMA GHMA	Y	The "No Lease" alternative was selected so there will be no actions associated with this project.
11040303 - Greys River Ranger District	Maple Trail Construction	01/17/2017	- Recreation management	NA	NA	NA
11040304 - Jackson Ranger District	Breakneck Flat Base Camp	01/31/2017	- Special use management	PHMA	Y	Timing restriction for access, and a travel restriction between June 1 and June 30, annually. Travel during this period will be restricted to established roads and trails, which are also open to the public during this period.
11040304 - Jackson Ranger District	Cowboy Tough Adventure Race	04/03/2017	- Special use management	PHMA GHMA	Y	NA

11040304 - Jackson Ranger District	Lower Valley Energy Powerline Burial	04/04/2017	- Special use management	GHMA	Y	NA
11040306 - Buffalo Ranger District	Spread Creek Gravel Pit Permit Re- Issuance	04/26/2017	- Special use management	PHMA	Y	Timing restriction; operations restricted to June 30-October 31. A start date 14 days earlier may be approved based on credible data showing no impact to leks and nesting habitat.
11040304 - Jackson Ranger District	North Fork Fall Creek Base Camp	05/24/2017	- Special use management	NA	NA	NA
11040304 - Jackson Ranger District	Jackson Hole Mountain Resort Recreation Enhancements Project - Phase 2	07/03/2017	- Special use management	NA	NA	NA
11040304 - Jackson Ranger District	Coburn Meadow Recreation Improvement	07/07/2017	- Recreation management	NA	NA	NA
11040304 - Jackson Ranger District	Chapdelaine to Bauknight Permit Reissuance -- Spring and Water Line / Water Transmission Line Authorization -- Bauknight	07/18/2017	- Special use management	GHMA	Y	NA

11040304 - Jackson Ranger District	Teton to Snake Fuels Management Project	07/21/2017	- Fuels management	GHMA	Y	Although one burn unit partially falls within mapped GHMA - that area is mainly a mix of aspen and conifer interspersed with some sagebrush but is not mapped seasonal habitat (nesting or summer). Nearest mapped seasonal habitat is ~7 mi. NE of this area. As a wildlife design feature for sagebrush - Prescribed fire units that overlap sagebrush patches greater than 100 acres in size, will maintain a burn mosaic pattern (as much as possible), that converts less than 50% of the mature sagebrush in the unit-portion of the patch to early succession.
11040306 - Buffalo Ranger District	Hawks Rest Bridge Project	08/01/2017	- Recreation management	NA	NA	NA
11040307 - Pinedale Ranger District	Green River Boat Access Improvement Project	08/07/2017	- Recreation management - Wildlife, Fish, Rare plants - Watershed management	PHMA	Y	NA
11040304 - Jackson Ranger District	Upper Gros Ventre River Ranch Restoration	09/15/2017	- Watershed management	NA	NA	NA

11040306 - Buffalo Ranger District	Turpin Meadow Ranch - Phase 1, MDP	11/16/2017	- Special use management	NA	NA	NA
11040304 - Jackson Ranger District	Esther Pump Station Permit Modification / Pump House Replacement Project -- Teton Village Water and Sewer District	12/13/2017	- Special use management	NA	NA	NA
11040304 - Jackson Ranger District	Jackson District Outfitter/Guide Permit Renewals / Recreation Special Use Permit Renewals	12/13/2017	- Special use management	PHMA GHMA	Y	Outfitter-guides are authorized to only use existing permitted roads, trails, areas and assigned camps. Progressive and assigned camps comply with GYA Outfitter Policy. Forest food storage regulations apply.
11040304 - Jackson Ranger District	4U Outfitters Transfer Corral Relocation	01/06/2018	- Special use management	GHMA	Y	NA
11040304 - Jackson Ranger District	Dew Place/Bacon Creek Area OHV Trail Project	01/06/2018	- Recreation management	PHMA	Y	NA
11040302 - Big Piney Ranger District	North Piney Post and Pole Commercial Thinning Project	01/29/2018	- Forest products	NA	NA	NA
11040306 - Buffalo Ranger District	Triangle X Ski Trail Grooming / Triangle X Ranch	01/30/2018	- Special use management	GHMA	Y	NA

11040307 - Pinedale Ranger District	Pinedale Winter Recreation Event Permits / Authorization of two Winter Recreation Events on Nat. Forest System Lands	02/05/2018	- Special use management	PHMA GHMA	Y	NA
11040306 - Buffalo Ranger District	Guided Bank Fishing Project	02/13/2018	- Special use management	PHMA GHMA	Y	NA
11040304 - Jackson Ranger District	Snow King Resort Vault Toilet	05/17/2018	- Special use management	GHMA	Y	NA

11040302 - Big Piney Ranger District	Final DN and FONSI for True Oil LLC - Lander Peak Area Exploratory Proposal	06/05/2018	- Minerals and Geology	PHMA GHMA	Y	Proposed Well Pad 23-15 is located approximately 530 feet within the outer delineated limits of designated PHMA. Construction would remove 0.18 acres of Mountain Big Sagebrush but the area would not provide nesting or brood-rearing habitat because 1) the habitat is unsuitable (the proposed well pad site is surrounded by Spruce/Subalpine coniferous forest), the closest occupied lek to the well pad is over 6.5 miles away and no sage-grouse activity has been reported in the Project Area. Disturbance Density is less than one pad per 640 acres and the DDCT evaluation area, totals 63.87 acres in disturbance, which would be much less than the 5% or 114.6 acres disturbance threshold.
11040304 - Jackson Ranger District	Final DN and FONSI Bridge Creek Land Exchange	06/15/2018	- Land ownership management	PHMA	Y	Land exchange resulted in a net-gain of 50.4 acres of priority connectivity habitat which will be added to the NFS.
11040301 - Kemmerer Ranger District	Bear Trap Trail Reconstruction	06/27/2018	- Recreation management	NA	NA	NA

11040306 - Buffalo Ranger District	Buffalo Valley Fiber Optic Installation by Silver Star Communications / Buffalo Valley Fiber Optic	08/17/2018	- Special use management	GHMA	Y	NA
11040306 - Buffalo Ranger District	Jackson and Blackrock Forest Road and Camping Project / Decision Memo Forest Road and Camping Project	09/20/2018	- Recreation management	PHMA GHMA	Y	NA
11040307 - Pinedale Ranger District	White Pine Communication Site Upgrade- Sublette County Sheriff's Office	10/15/2018	- Special use management	GHMA	Y	NA
11040300 - Bridger-Teton National Forest All Units	Alkali Creek Feedground: 2018-2019 Special Use Permit / Letter to File--Alkali Creek Feedground: 2018-2019 Special Use Permit	11/28/2018	- Special use management	PHMA	Y	NA
11040303 - Greys River Ranger District	Phillips Canyon Snowmobile Hill Climb permit authorization	01/31/2019	- Special use management	NA	NA	NA
11040306 - Buffalo Ranger District	Togwotee Lodge Vegetation Management	02/14/2019	- Fuels management	NA	NA	NA

11040303 - Greys River Ranger District	Middle Greys Motorized Travel	02/21/2019	- Recreation management	NA	NA	NA
11040303 - Greys River Ranger District	Tribasin Salvage Commercial Timber Project	02/28/2019	- Forest products	NA	NA	NA
11040304 - Jackson Ranger District	Sheep Gulch Trail Reconstruction, Snake National Wild & Scenic River	03/11/2019	- Recreation management	NA	NA	NA
11040304 - Jackson Ranger District	Decision Memo Big Munger Trail Reroute	04/15/2019	- Recreation management	NA	NA	NA
11040306 - Buffalo Ranger District	Decision Memo Continental Divide National Scenic Trail Relocation Project	04/15/2019	- Recreation management	NA	NA	NA
11040304 - Jackson Ranger District	WGFD Game Creek Ditch Permit	05/03/2019	- Special use management	GHMA	Y	NA
11040304 - Jackson Ranger District	Anchor Ranch Sign permit authorization / D4 Anchor Ranch Sign	05/10/2019	- Special use management	NA	NA	NA
11040306 - Buffalo Ranger District	Heart 6 Ranch, LLC - Barns and Cabins Replacement	06/19/2019	- Special use management	GHMA	Y	NA
11040303 - Greys River Ranger District	TriBasin Culvert Replacements	06/28/2019	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA

11040303 - Greys River Ranger District	Star Valley Half- Marathon	07/08/2019	- Special use management	NA	NA	NA
11040304 - Jackson Ranger District	Jackson Hole Mountain Resort Lower Valley Energy Power Line Installation	07/11/2019	- Special use management	NA	NA	NA
11040304 - Jackson Ranger District	DM for Jackson Hole Mountain Resort Tram Snow Drift Mitigation Project	07/11/2019	- Special use management - Facility management	NA	NA	NA
11040302 - Big Piney Ranger District	Riley Ridge Natural Gas Development (Forest Service Portion)	07/26/2019	- Minerals and Geology	NA	NA	NA
11040304 - Jackson Ranger District	Permit Reissuance for WGFD Facilities at Horse Creek	08/09/2019	- Special use management - Facility management	GHMA	Y	NA
11040301 - Kemmerer Ranger District	Salt Creek Restoration	08/19/2019	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA

Caribou-Targhee National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11041500 - Caribou-Targhee National Forest All Units	Big Bend Ridge Communication Site	07/24/2019	- Special use management	NA	NA	NA
11041500 - Caribou-Targhee National Forest All Units	Caribou-Targhee National Forest Plan Monitoring Transition	05/16/2016	- Land management planning	NA	NA	NA
11041500 - Caribou-Targhee National Forest All Units	Kilgore Gold Ridge and Mine Ridge Project	07/11/2017	- Minerals and Geology	NA	NA	NA
11041500 - Caribou-Targhee National Forest All Units	Kirkham Hollow Aspen Retention Project	04/08/2019	- Wildlife, Fish, Rare plants	NA	NA	NA
11041500 - Caribou-Targhee National Forest All Units	Salisbury Estates Emergency Escape Route	03/31/2017	- Special use management - Road management	NA	NA	NA
11041551 - Dubois Ranger District	Buckboard Gulch Sage-Grouse Habitat Improvement	08/07/2018	- Wildlife, Fish, Rare plants	PHMA	Y	NA

11041551 - Dubois Ranger District	Idaho Power SUP Reissuance	05/23/2016	- Special use management	IHMA	Y	NA
11041551 - Dubois Ranger District	Kilgore Project	08/20/2018	- Minerals and Geology	NA	NA	NA
11041551 - Dubois Ranger District	West Birch Creek Conifer Encroachment Project	06/30/2016	- Wildlife, Fish, Rare plants	IHMA	Y	NA
11041552 - Ashton/Island Park	Black Mountain Blowdown	05/20/2019	- Forest products - Fuels management	NA	NA	NA
11041552 - Ashton/Island Park	BPA Sawtell Tower Construction Project	12/11/2017	- Special use management	NA	NA	NA
11041552 - Ashton/Island Park	Cave Falls Road Culvert Replacement	05/17/2017	- Facility management	NA	NA	NA
11041552 - Ashton/Island Park	Fall River Electric Feeder Line Replacement Project	08/11/2016	- Special use management	NA	NA	NA
11041552 - Ashton/Island Park	Fremont County Solid Waste Transfer Site Project	11/13/2017	- Special use management	NA	NA	NA
11041552 - Ashton/Island Park	Henry's Lake Flat Driveway	07/11/2016	- Special use management	NA	NA	NA
11041552 - Ashton/Island Park	Island Park Land Acquisition / Duck Creek Purchase	02/14/2017	- Land ownership management	NA	NA	NA

11041552 - Ashton/Island Park	T-Mobile Communications Use Lease	05/08/2018	- Special use management	NA	NA	NA
11041552 - Ashton/Island Park	Trumpeter Swan Habitat Improvement Project	05/11/2017	- Wildlife, Fish, Rare plants	NA	NA	NA
11041552 - Ashton/Island Park	Yale Creek Fuels Reduction Project	10/13/2017	- Fuels management	NA	NA	NA
11041553 - Montpelier Ranger District	Bloomington Cattle Association Corral	08/18/2017	- Grazing management		NA	NA
11041553 - Montpelier Ranger District	Little Smoky Creek Reroute	08/21/2017	- Special use management	NA	NA	NA
11041553 - Montpelier Ranger District	Minnetonka Overflow Parking Lot DN-FONSI	06/16/2017	- Recreation management	NA	NA	NA
11041553 - Montpelier Ranger District	Montpelier Ranger District Designated Route Use Changes	11/13/2015	- Road management	NA	NA	NA
11041553 - Montpelier Ranger District	Paris Creek Stream Restoration	05/23/2016	- Watershed management	NA	NA	NA
11041554 - Palisades Ranger District	Interagency Management of Special Use Permits and Designated Camping in Snake River Planning Area	03/22/2018	- Land management planning - Special use management	NA	NA	NA

11041554 - Palisades Ranger District	Kelly Canyon Ski Hill Mountain Bike Trails and Ski Runs	08/18/2017	- Recreation management	NA	NA	NA
11041554 - Palisades Ranger District	Kelly Mountain Communication Site Lease Re-issue	10/20/2016	- Special use management	NA	NA	NA
11041554 - Palisades Ranger District	RAINEY CREEK HABITAT IMPROVEMENT PROJECT	07/25/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11041555 - Soda Springs Ranger District	Caribou Loop Connector	06/19/2017	- Recreation management - Special use management	NA	NA	NA
11041555 - Soda Springs Ranger District	Record of Decision John Wood Forest Management Project	08/15/2019	- Forest products - Vegetation management (other than forest products) - Fuels management - Road management	NA	NA	NA
11041555 - Soda Springs Ranger District	Rasmussen Valley Mine	01/13/2017	- Minerals and Geology	NA	NA	NA
11041555 - Soda Springs Ranger District	South Soda Sheep Allotments / DN/FONSI for the South Soda Sheep	11/19/2018	- Grazing management	NA	NA	NA

11041555 - Soda Springs Ranger District	DM Tincup Creek Stream Restoration	01/13/2017	- Wildlife, Fish, Rare plants - Grazing management - Watershed management	NA	NA	NA
11041555 - Soda Springs Ranger District	Winschell Dugway Motorized Trail Project	04/23/2018	- Recreation management	NA	NA	NA
11041556 - Teton Basin Ranger District	Nelson Spring-Pinnacle Road Trail Extension Project	05/31/2016	- Recreation management	NA	NA	NA
11041556 - Teton Basin Ranger District	Southern Valley Recreation Project Decision Notice	03/23/2017	- Recreation management	NA	NA	NA
11041556 - Teton Basin Ranger District	Spring Creek Trail Reroute (Teton Basin Ranger District)	07/09/2018	- Recreation management - Watershed management	NA	NA	NA
11041556 - Teton Basin Ranger District	Teton Canyon Hazardous Fuels Reduction Project	06/29/2018	- Fuels management	NA	NA	NA
11041556 - Teton Basin Ranger District	Teton Canyon Trailhead, Campground and Dispersed Recreation Improvement Project	09/24/2018	- Recreation management - Watershed management	NA	NA	NA

11041557 - Westside Ranger District	Curlew Wet Meadow Restoration Protection	09/30/2019	- Grazing management - Watershed management	IHMA	Y	NA
11041557 - Westside Ranger District	Deep Creek Watershed Improvement Project	09/15/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management - Watershed management	IHMA	Y	NA
11041557 - Westside Ranger District	First Timer Run Improvement and Parking Expansion	08/01/2017	- Special area management	NA	NA	NA
11041557 - Westside Ranger District	Gibson Jack Municipal Watershed Fence	11/28/2017	- Grazing management	NA	NA	NA
11041557 - Westside Ranger District	Gibson Jack Trailhead Relocation	10/02/2015	- Recreation management	NA	NA	NA
11041557 - Westside Ranger District	Lead Draw Fence Construction	03/28/2019	- Watershed management	NA	NA	NA
11041557 - Westside Ranger District	Malad Summit ATC Fiber Optic Line	08/08/2016	- Recreation management	NA	NA	NA

11041557 - Westside Ranger District	Mormon Canyon Motorized Trail Upgrade / Mormon Canyon Trail (FST#195) Widening	09/21/2017	- Recreation management	NA	NA	NA
11041557 - Westside Ranger District	Rock Creek Restoration and Recreation-Wildlife Enhancement	06/08/2017	- Wildlife, Fish, Rare plants - Watershed management	IHMA	Y	NA
11041557 - Westside Ranger District	Rock Springs Riparian Enhancement Project	02/06/2017	- Wildlife, Fish, Rare plants - Watershed management	IHMA	Y	NA
11041557 - Westside Ranger District	Rowley Canyon Wildlife Habitat Enhancement	06/17/2019	- Fuels management	NA	NA	NA
11041557 - Westside Ranger District	Sheep Creek Sage- grouse Habitat Enhancement Project	08/23/2017	- Wildlife, Fish, Rare plants	IHMA	Y	NA
11041557 - Westside Ranger District	Toponce Habitat Enhancement	05/01/2018	- Wildlife, Fish, Rare plants - Fuels management	NA	NA	NA
11041557 - Westside Ranger District	Twin Springs Interpretative Trail and Kiosk	08/23/2017	- Recreation management	NA	NA	NA

Dixie National Forest

Data not available

Fishlake National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11040800 - Fishlake National Forest All Units	Beaver City Hydro Plant #3	08/29/2017	- Special use management	No	NA	NA
11040800 - Fishlake National Forest All Units	Crater Vegetation Treatment Project	10/18/2017	- Forest products - Vegetation management (other than forest products)	No	NA	NA
11040800 - Fishlake National Forest All Units	Fishlake National Forest & Boulder Mountain Wildlife Habitat Improvement Project	07/06/2017	- Wildlife, Fish, Rare plants	No	NA	NA
11040800 - Fishlake National Forest All Units	Mytoge-Tidwell Sage Grouse Habitat Improvement Project	02/02/2017	- Wildlife, Fish, Rare plants	PHMA	Y	Proposed Action and Design Features were purposefully designed to be aligned with Forest Plan and be consistent with Standards and Guides as it relates to sage-grouse. Timing restriction for treatment applied.

11040800 - Fishlake National Forest All Units	North Fork of North Creek Fish Barrier	09/11/2017	- Wildlife, Fish, Rare plants	No	NA	NA
11040800 - Fishlake National Forest All Units	Pahvant Fuels Reduction Project	07/19/2016	- Fuels management	No	NA	NA
11040800 - Fishlake National Forest All Units	Turner Timber SNOWTEL	09/19/2016	- Special use management	No	NA	NA
11040801 - Fillmore Ranger District	Fool Creek Wildlife Water Improvement Project	10/11/2018	- Wildlife, Fish, Rare plants	No	NA	NA
11040801 - Fillmore Ranger District	Richfield Non- Motorized Trail System (Mountain Bike Emphasis)	02/28/2019	- Recreation management	No	NA	NA
11040801 - Fillmore Ranger District	Transmission Line Trail, Oak Creek Road and Chalk Creek Road Travel Management Project	09/19/2018	- Recreation management	No	NA	NA
11040801 - Fillmore Ranger District	USGS Thermo- Volcanic Geologic Study	09/12/2018	- Minerals and Geology	No	NA	NA

11040801 - Fillmore Ranger District	Watts Mountain Wildlife Habitat Improvement Project	02/07/2017	- Wildlife, Fish, Rare plants - Grazing management - Vegetation management (other than forest products) - Fuels management	No	NA	NA
11040802 - Fremont River Ranger District	Bowery Haven Resort Expansion Project	08/15/2017	- Special use management	No	NA	NA
11040802 - Fremont River Ranger District	Bowery Haven Resort Expansion Project 51695	08/15/2017	- Special use management	No	NA	NA
11040802 - Fremont River Ranger District	Butterfield Meadows Vegetation Treatment Project	10/09/2018	- Forest products - Vegetation management (other than forest products)	No	NA	NA
11040802 - Fremont River Ranger District	Fish Lake Basin SCC Fiber Optic Line	07/12/2019	- Special use management	No	NA	NA
11040802 - Fremont River Ranger District	Fish Lake Marinas and Recreation Improvements Project	07/01/2019	- Recreation management - Facility management	No	NA	NA

11040802 - Fremont River Ranger District	Fish Lake Resorts Lakeside Expansion Project	12/27/2016	- Special use management	No	NA	NA
11040802 - Fremont River Ranger District	Last Chance Wildlife Habitat Improvement Project	05/02/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products)	PHMA	Y	Proposed Action and Design Features were purposefully designed to be aligned with Forest Plan and be consistent with Standards and Guides as it relates to sage-grouse. Timing restriction for treatment applied.
11040802 - Fremont River Ranger District	Porcupine Aspen Improvement Project	04/04/2019	- Vegetation management (other than forest products) - Fuels management	PHMA	Y	Proposed Action and Design Features were purposefully designed to be aligned with Forest Plan and be consistent with Standards and Guides as it relates to sage-grouse. Design feature to minimize impacts to sagebrush during prescribed fire treatment.
11040802 - Fremont River Ranger District	Teasdale Front Range Fuels Reduction Project	03/22/2016	- Fuels management	No	NA	NA
11040802 - Fremont River Ranger District	UM Creek Access Management Project	08/15/2016	- Recreation management - Wildlife, Fish, Rare plants - Watershed management - Road management	No	NA	NA

11040803 - Beaver Ranger District	Big Flat Vegetation Management	02/08/2016	- Forest products - Vegetation management (other than forest products) - Fuels management	No	NA	NA
11040803 - Beaver Ranger District	Gold Nugget Plan of Exploration	02/11/2019	- Minerals and Geology	No	NA	NA
11040803 - Beaver Ranger District	North Fork North Creek Mineral Material Pit Management Plan	10/23/2018	- Minerals and Geology	No	NA	NA
11040803 - Beaver Ranger District	South Beaver Vegetation Management Project	05/14/2018	- Wildlife, Fish, Rare plants - Forest products - Vegetation management (other than forest products) - Fuels management	GHMA	Y	Proposed Action and Design Features were purposefully designed to be aligned with Forest Plan and be consistent with Standards and Guides as it relates to sage-grouse. Timing restriction for treatment applied.
11040804 - Richfield Ranger District	Greenwich Creek Wildlife Habitat Improvement Project	11/08/2018	- Wildlife, Fish, Rare plants	No	NA	NA

11040804 - Richfield Ranger District	Monroe Mountain Aspen Ecosystems Restoration	12/14/2015	- Wildlife, Fish, Rare plants - Forest products - Vegetation management (other than forest products) - Fuels management - Watershed management	No	NA	NA
11040804 - Richfield Ranger District	Pine Canyon to Koosharem Creek Wildlife Habitat Improvement Project	07/14/2016	- Land management planning	No	NA	NA
11040804 - Richfield Ranger District	South Fork Lease Modification Project	10/04/2018	- Minerals and Geology	GHMA	Y	Proposed Action and Design Features were purposefully designed to be aligned with Forest Plan and be consistent with Standards and Guides as it relates to sage-grouse. No surface disturbing activities.
11040804 - Richfield Ranger District	Sufco 2017 Geophysical Survey Project	08/16/2017	- Minerals and Geology	GHMA	Y	Proposed Action and Design Features were purposefully designed to be aligned with Forest Plan and be consistent with Standards and Guides as it relates to sage-grouse. Timing restriction; No surface facilities allowed design features.

Humboldt-Toiyabe National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11041700 - Humboldt-Toiyabe National Forest All Units	B2Gold Rockland Exploration Drilling Project	07/23/2018	- Minerals and Geology	NA	NA	NA
11041700 - Humboldt-Toiyabe National Forest All Units	Cold Creek Ponds Treatment Project	07/31/2018	- Wildlife, Fish, Rare plants	NA	NA	NA
11041700 - Humboldt-Toiyabe National Forest All Units	Cottonwood Dam #1 J-81 Breach Project	08/11/2016	- Watershed management	NA	NA	NA
11041700 - Humboldt-Toiyabe National Forest All Units	Eastern Sierra ATV & UTV Jamboree / Bridgeport & Carson Ranger Districts 5 Year Recreation Event - ATV Jamboree	09/05/2017	- Recreation management - Special use management	NA	NA	NA
11041700 - Humboldt-Toiyabe National Forest All Units	Falls Canyon Creek Treatment Project	09/22/2017	- Wildlife, Fish, Rare plants	GHMA, OHMA	Y	NA

11041700 - Humboldt- Toiyabe National Forest All Units	Greater Sage Grouse Bi-State Distinct Population Segment Forest Plan Amendment	05/16/2016	- Land management planning	NA	NA	NA
11041700 - Humboldt- Toiyabe National Forest All Units	Hilltop Campground Reconstruction Project	06/27/2018	- Recreation management	NA	NA	NA
11041700 - Humboldt- Toiyabe National Forest All Units	LEE CANYON HILLSIDE BUILDING	06/27/2018	- Recreation management	NA	NA	NA
11041700 - Humboldt- Toiyabe National Forest All Units	Radio Repeater Installation - Job's Peak	04/09/2018	- Facility management	NA	NA	NA
11041700 - Humboldt- Toiyabe National Forest All Units	Restoration and Soil Erosion Control for Harris Springs Area	03/28/2019	- Watershed management	NA	NA	NA
11041700 - Humboldt- Toiyabe National Forest All Units	Ruby Mountains Oil and Gas Leasing Availability Analysis	05/07/2019	- Minerals and Geology	PHMA, GHMA, OHMA, Non- habitat	Y	No Action was selected and leases not available
11041700 - Humboldt- Toiyabe National Forest All Units	Sardine/Cloudburst Meadow Restoration	03/01/2018	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA

11041700 - Humboldt- Toiyabe National Forest All Units	Sonora Bridge River Crossing MCMWTC	03/12/2018	- Special use management	NA	NA	NA
11041700 - Humboldt- Toiyabe National Forest All Units	Water Treatment Plant	09/17/2018	- Facility management	NA	NA	NA
11041701 - Carson Ranger District	TEMPORARY SPECIAL USE PERMIT ARROWCREEK GEOPHYSICAL TESTING	10/16/2018	- Special use management	NA	NA	NA
11041701 - Carson Ranger District	Bordertown to California 120kV Transmission Line	06/14/2019	- Special use management	NA	NA	NA
11041701 - Carson Ranger District	California Integrated Weed Management	06/22/2018	- Vegetation management (other than forest products)	NA	NA	NA
11041701 - Carson Ranger District	Carson city Paleoearthquake Study	03/11/2019	- Minerals and Geology	NA	NA	NA
11041701 - Carson Ranger District	Chedic Graphite Mine Exploration Drilling Project	12/04/2017	- Minerals and Geology	NA	NA	NA
11041701 - Carson Ranger District	Clear Creek Trail Extension	11/08/2017	- Recreation management	NA	NA	NA

11041701 - Carson Ranger District	Education Land Grant Act Transfer of National Forest System Land to Washoe County School District	09/21/2018	- Land ownership management	NA	NA	NA
11041701 - Carson Ranger District	Monitor Pass Habitat Restoration Project	03/01/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products)	NA	NA	NA
11041701 - Carson Ranger District	Ollie Won Exploration Project	06/15/2016	- Minerals and Geology	NA	NA	NA
11041701 - Carson Ranger District	Tamarack Lake Trail	01/30/2017	- Recreation management	NA	NA	NA
11041701 - Carson Ranger District	West Carson Habitat Restoration Project	09/06/2019	- Recreation management - Wildlife, Fish, Rare plants - Vegetation management (other than forest products)	NA	NA	NA
11041702 - Bridgeport Ranger District	American Endurance Project Trail Permit	08/01/2016	- Special use management	NA	NA	NA

11041702 - Bridgeport Ranger District	Bridgeport Warehouse Construction	09/10/2018	- Facility management	NA	NA	NA
11041702 - Bridgeport Ranger District	Fiber Optic Service to North Bridgeport Communication Site	08/09/2019	- Special use management	NA	NA	NA
11041702 - Bridgeport Ranger District	Four Mile Hill Habitat improvement Project	04/21/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11041702 - Bridgeport Ranger District	Highway 395/Buckeye Road Fiber Optic/Copper Reroute	09/17/2019	- Special use management	NA	NA	NA
11041702 - Bridgeport Ranger District	Marietta Target 4 Mineral Exploration	10/19/2015	- Minerals and Geology	NA	NA	NA
11041702 - Bridgeport Ranger District	Mountain Warfare Training Center Communications Infrastructure Upgrades Environmental Assesment	07/12/2016	- Special use management	NA	NA	NA
11041702 - Bridgeport Ranger District	Mountain Warfare Training Center Operations Training Project	05/29/2018	- Special use management	NA	NA	NA
11041702 - Bridgeport Ranger District	Pine Grove 5 Auger Exploration Project	08/21/2017	- Minerals and Geology	NA	NA	NA

11041702 - Bridgeport Ranger District	Pinegrove Communication Site Amendment	11/13/2018	- Special use management	NA	NA	NA
11041702 - Bridgeport Ranger District	Rough Creek Sage- Grouse Habitat Improvement Project	04/17/2017	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041702 - Bridgeport Ranger District	Spring Peak Exploration Drilling Project	09/05/2017	- Minerals and Geology	NA	NA	NA
11041703 - Austin Ranger District	Austin-Tonopah Pine Nut CE 2018	08/08/2018	- Forest products	PHMA, GHMA, OHMA,	Y	Non-habitat
11041703 - Austin Ranger District	Blackbird Fence Project	08/09/2016	- Special use management	Non-habitat	Y	Implementation to occur outside breeding season (Mar 1- July 15)
11041703 - Austin Ranger District	Buffalo-Everson Exploration	02/23/2017	- Minerals and Geology	GHMA, OHMA	Y	Seasonal restriction (Feb 1- July 31), Speed limit of 20 mph, Surveys will be completed w/in 4 mile radius of project area,
11041703 - Austin Ranger District	DAP Mineral Exploration Project	07/13/2017	- Minerals and Geology	GHMA	Y	
11041703 - Austin Ranger District	Gold Park/Star of the West Mine	03/19/2018	- Minerals and Geology	OHMA	Y	

11041703 - Austin Ranger District	Highway 50 Gold (US) Corporation Golden Brew Mineral Exploration Project	04/27/2017	- Minerals and Geology	PHMA, GHMA	Y	Seasonal restriction (Feb 1- July 31),
11041703 - Austin Ranger District	Hickison Wild Burro Territory Appropriate Management Levels and Management Actions Project	08/27/2018	- Grazing management - Watershed management	PHMA, GHMA, OHMA, Non- habitat	Y	Seasonal restriction (Feb 15 -Jun 30); temporary holding corrals be located outside of contiguous sagebrush habitat; water based traps not used as permanent source;
11041703 - Austin Ranger District	Quito_2016_Explor ation_Project	02/27/2018	- Minerals and Geology	GHMA	Y	Seasonal restriction (Feb 15 -Jun 30); speed limit on roads (20 mph)
11041703 - Austin Ranger District	T-Mobile Co- Location / AT&T Communication Lease Amendment; Austin Communication Site	09/24/2018	- Special use management	GHMA, OHMA	Y	
11041704 - Tonopah Ranger District	Corcoran Canyon Exploration Project	05/07/2018	- Minerals and Geology	GHMA	Y	Seasonal restriction (Feb 15 -Jun 30); speed limit on roads (20 mph)
11041704 - Tonopah Ranger District	Goldwedge 2014 Exploration Project CE	06/01/2016	- Minerals and Geology	OHMA, Non- habitat	Y	speed limit 25 mph, no dogs off leash or firearms, protect seeps/springs, land clearing to be done outside of breeding season
11041704 - Tonopah Ranger District	Keystone Jumbo	11/28/2018	- Minerals and Geology	Non-habitat	Y	speed limit 25 mph

11041705 - Spring Mountains National Recreation Area	Harris Springs Telephone Line Removal	03/14/2019	- Special use management	NA	NA	NA
11041705 - Spring Mountains National Recreation Area	Potosi Hazardous Fuels Reduction Project	09/03/2019	- Wildlife, Fish, Rare plants - Fuels management	NA	NA	NA
11041706 - Mountain City Ranger District	2019 Newcrest Mineral Exploration	06/27/2019	- Minerals and Geology	SFA, PHMA, GHMA, OHMA, Non-habitat	Y	Seasonal restrictions for lekking and nesting season, March 1 - June 30.
11041706 - Mountain City Ranger District	Big Springs Gold Mine Project	01/27/2017	- Minerals and Geology	PHMA	Y	Limited mine traffic during morning before 1000 in lekking season and reduced speed limit.
11041706 - Mountain City Ranger District	Shantytown Telephone/Powerline Relocation Project	05/30/2019	- Special use management	PHMA, GHMA, OHMA, Non-habitat	Y	Within an established community. Perch deterrents.

11041706 - Mountain City Ranger District	South Sugarloaf Fire Rehabilitation Project	10/12/2018	- Wildlife, Fish, Rare plants - Grazing management - Vegetation management (other than forest products) - Fuels management - Watershed management	SFA, PHMA, GHMA, OHMA, Non- habitat	Y	Sage-grouse seed mix. Meadow restoration.
11041707 - Ruby Mountains Ranger District	Harrison Pass #1- Harmon WUI Fuels Reduction Project DM	04/27/2017	- Wildlife, Fish, Rare plants - Fuels management	PHMA, GMHA, OHMA, and Non-habitat	Y	Seasonal restrictions for lekking and nesting season, March 1 - June 30.
11041707 - Ruby Mountains Ranger District	Scanland Cabin Rebuild	09/27/2019	- Special use management	OHMA	Y	Non-habitat
11041708 - Jarbidge Ranger District	Bear Creek No.1 Hazardous Fuels Project	07/08/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management - Watershed management	SFA, PHMA, GHMA, OHMA, Non- habitat	Y	Seasonal restrictions for lekking and nesting season, March 1 - June 30.

11041708 - Jarbridge Ranger District	Pole Creek Pipeline Extension project	03/08/2019	- Special use management	SFA, PHMA	Y	Seasonal restrictions for lekking and nesting season, March 1 - June 30.
11041709 - Ely Ranger District	2018 Pine Nut Harvest 2018	07/26/2018	- Forest products	PHMA, GHMA, OHMA, Non- habitat	Y	Outside of lekking/nesting period. Limitations on cross country travel.
11041709 - Ely Ranger District	Bird Creek Campground Renovation Project	02/01/2018	- Recreation management	GHMA	Y	
11041709 - Ely Ranger District	Cave Mountain Communication Site SmartSky, LLC Ground Lease	05/13/2019	- Special use management	Non-habitat	NA	NA
11041709 - Ely Ranger District	Currant-Ellison Watershed Restoration Project	03/29/2017	- Recreation management - Heritage resource management - Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management - Watershed management - Road management	PHMA, GHMA, OHMA, Non- habitat	Y	Seasonal restrictions to avoid lekking/nesting season. Hand work for P-J removal. Weed treatments, road removals. Riparian restoration and exclosures, pipe rail fences instead of barb-wire.

11041709 - Ely Ranger District	Elderberry and Ice Plant Dam Removal Project	05/03/2017	- Watershed management - Facility management	Non-habitat	NA	NA
11041709 - Ely Ranger District	Elk Springs Fuels Reduction and Restoration Project	09/23/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	OHMA, Non-habitat	Y	Seasonal restrictions to avoid nesting season. WUI thinning at private land boundary.
11041709 - Ely Ranger District	Green Utah Juniper Fuelwood Harvest	06/27/2017	- Forest products - Special use management	PHMA, GHMA, OHMA, Non-habitat	Y	Limitations on cross country travel.
11041709 - Ely Ranger District	Mount Moriah Cave Gate Project	07/29/2016	- Wildlife, Fish, Rare plants - Minerals and Geology	Non-habitat	NA	NA
11041709 - Ely Ranger District	Sagebrush Habitat Restoration Project	07/02/2018	- Wildlife, Fish, Rare plants	PHMA, GHMA, OHMA, Non-habitat	Y	Seasonal restriction to avoid lekking/nesting season. Hand work for P-J removal.
11041709 - Ely Ranger District	Ward Mountain OHV Connector Trail Project	06/19/2017	- Recreation management	Non-habitat	NA	NA

11041709 - Ely Ranger District	Ward Mountain Road Decommissioning Project	06/28/2017	- Wildlife, Fish, Rare plants - Watershed management - Road management	Non-habitat	NA	NA
11041709 - Ely Ranger District	White River Road Repairs	06/27/2017	- Watershed management - Road management	PHMA, GHMA, OHMA, Non-habitat	Y	
11041710 - Santa Rosa Ranger District	Fort McDermitt Cooperative Domestic Horse Removal Project	11/09/2018	- Wildlife, Fish, Rare plants - Grazing management - Watershed management	SFA, PHMA, GHMA	Y	Seasonal restrictions for lekking and nesting season. March 1- June 30 within 4 miles from lek.
11041710 - Santa Rosa Ranger District	Granite Peak - Willow Creek Fence Project	08/12/2016	- Grazing management	SFA, PHMA	Y	Seasonal restrictions for lekking and nesting season. March 1- June 30 within 4 miles from lek. Flight diverters.
11041710 - Santa Rosa Ranger District	Hinkey Summit Radio Repeater Site	02/20/2018	- Facility management	SFA, PHMA	Y	
11041710 - Santa Rosa Ranger District	Long Valley Creek Fence Exclosure Project	07/10/2018	- Heritage resource management	SFA, PHMA	Y	Seasonal restrictions for lekking and nesting season. March 1- June 30 within 4 miles from lek. Flight diverters.

11041710 - Santa Rosa Ranger District	North Fork Little Humboldt River Meadow Headcut Repair Project	07/10/2018	<ul style="list-style-type: none"> - Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management 	SFA, PHMA	Y	Seasonal restrictions for lekking and nesting season. March 1- June 30
11041710 - Santa Rosa Ranger District	Santa Rosa Fences 2018	02/22/2019	<ul style="list-style-type: none"> - Wildlife, Fish, Rare plants - Grazing management - Watershed management 	SFA, PHMA	Y	Seasonal restrictions for lekking and nesting season. March 1- June 30 within 4 miles from lek. Flight diverters.

Manti-La Sal National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11041000 - Manti-La Sal National Forest All Units	Blanding Dry Wash Water Pipeline Project	12/13/2017	- Special use management	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Canyon Fuel - Skyline James Canyon Permit Reissue PRI-1604	03/30/2016	- Special use management	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Canyon Fuel/Fossil Rock Water Monitoring Wells SUP	08/22/2016	- Special use management	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Deer Creek Mine Closure Water Pipeline	07/06/2017	- Watershed management - Minerals and Geology	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Emery Telecom - Bald Mesa	10/28/2016	- Special use management	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Empire Electric Powerline Replacement and Emery Telcom Communications at Abajo Peak	09/19/2016	- Special use management	NA	NA	NA

11041000 - Manti-La Sal National Forest All Units	Fossil Fuels IIC Special Use Permit, Cottonwood Tract Lease	06/15/2016	- Minerals and Geology	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Liberty Pioneer Energy Source, Inc. Middle Mountain Unit #1. O and G lease UT-8735	11/15/2017	- Minerals and Geology	PHMA	Y	This project area is mapped as a Priority Habitat Management Area (PHMA) but is not suitable habitat for sage grouse based on vegetation (pinyon/juniper, oak, and conifer/aspen), and being immediately adjacent to a main travel route. We wrote the state and received waiver stating that it should be classified as non-habitat. AVOIDED, MINIMIZED
11041000 - Manti-La Sal National Forest All Units	PacifiCorp North Zone Special Use Permit Reissuances	01/28/2016	- Special use management	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	UDOT Monument Peak Weather Station Special Use Permit	09/26/2016	- Special use management	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Utah Parks Snowcat Shed Special Use Permit Adendment	07/20/2016	- Special use management	NA	NA	NA
11041000 - Manti-La Sal National Forest All Units	Wasatch Academy Special Use Permit Renewal	01/28/2016	- Special use management	NA	NA	NA

11041001 - Sanpete Ranger District	Canyons Project	07/15/2019	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041001 - Sanpete Ranger District	CentraCom South Levan Peak Fiber Line Project	09/27/2017	- Special use management	NA	NA	NA
11041001 - Sanpete Ranger District	Drive 4 Food Five Year Special Use Permit	04/04/2017	- Special use management	NA	NA	NA
11041001 - Sanpete Ranger District	Twelve Mile Restoration	01/26/2018	- Recreation management - Heritage resource management - Watershed management - Road management	NA	NA	NA
11041001 - Sanpete Ranger District	Willow Fuels Project	08/15/2017	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041002 - Ferron Ranger District	2019 NZ O/G Priority Permit Renewals	09/10/2019	- Special use management	NA	NA	NA

11041002 - Ferron Ranger District	Des-B-Dove Trail Project	05/13/2016	- Recreation management	NA	NA	NA
11041002 - Ferron Ranger District	Emery County Priority and Elements Traverse special use permits	05/22/2018	- Recreation management - Special use management	NA	NA	NA
11041002 - Ferron Ranger District	Record of Decision Greens Hollow Federal Coal Lease Tract UTU-84102	10/05/2015	- Minerals and Geology	PHMA	Y	Stipulations for sage grouse protections were part of the decision and when state agency permitting process occurs, it was stated that there would be no placement of surface facilities related to existing underground mines in priority habitat management areas. AVOIDED, MINIMIZED
11041002 - Ferron Ranger District	Horseshoe Quarry	05/21/2019	- Minerals and Geology	NA	NA	NA
11041002 - Ferron Ranger District	Joe's Valley Recreation and Bouldering Area	10/02/2017	- Recreation management	NA	NA	NA
11041002 - Ferron Ranger District	Joes Valley Pavilion	04/17/2017	- Recreation management	NA	NA	NA
11041002 - Ferron Ranger District	McCadden Hollow Water Trough Project	09/25/2018	- Grazing management	NA	NA	NA

11041002 - Ferron Ranger District	Potters Canyon Veratrum Project	05/17/2017	- Forest products - Vegetation management (other than forest products)	NA	NA	NA
11041002 - Ferron Ranger District	Reederview Gravel Pit	04/26/2017	- Minerals and Geology	PHMA	Y	This project area is mapped as a Priority Habitat Management Area (PHMA) but is not suitable habitat for sage grouse based on vegetation (pinyon/juniper, ponderosa pine, Douglas fir, and being immediately adjacent to a main travel route. We wrote the state and received waiver stating that it should be classified as non-habitat. AVOIDED, MINIMIZED
11041002 - Ferron Ranger District	South Horn Wildlife Habitat Improvement Project	04/12/2017	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	Yes—PHMA?	Y	The purpose and need for this project was to restore sage grouse habitat by removing woodlands and large shrubs (pinyon/juniper and serviceberry) from the areas within a certain proximity of the leks. RESTORED

11041002 - Ferron Ranger District	Trail Mountain Wildlife Habitat Enhancement and Aspen Regeneration Project	04/11/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management - Watershed management	NA	NA	NA
11041002 - Ferron Ranger District	USBR Joes Valley Seismic Trenches Research Permit #FER1701	08/25/2017	- Special use management	NA	NA	NA
11041003 - Price Ranger District	Joes Valley Boat Ramp	05/03/2018	- Recreation management - Special use management	NA	NA	NA
11041003 - Price Ranger District	Tucker Quarry	02/05/2018	- Minerals and Geology	NA	NA	NA
11041004 - Moab Ranger District	2019 Spring Land Special-Use Reissuances	05/22/2019	- Special use management	NA	NA	NA
11041004 - Moab Ranger District	Cottonwood Fence Extensions	10/26/2017	- Grazing management	NA	NA	NA

11041004 - Moab Ranger District	La Sal Springs Protection and Water Developments	05/26/2016	- Grazing management - Vegetation management (other than forest products) - Watershed management	NA	NA	NA
11041004 - Moab Ranger District	North End Habitat Improvement project	08/03/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041004 - Moab Ranger District	Recreation Special Use Permits Spring 2019 (5-year Permanent/Priority)	04/30/2019	- Recreation management - Special use management	NA	NA	NA
11041004 - Moab Ranger District	Renewal Priority Special Use Permits and Amemdmnts (Fall 2018)	12/19/2018	- Recreation management - Special use management	NA	NA	NA
11041004 - Moab Ranger District	Recreation Special Uses for Renewal permits for up to 5 years	04/27/2018	- Recreation management - Special use management	NA	NA	NA

11041005 - Monticello Ranger District	Dark Canyon- Woodenshoe Repeater	02/18/2019	- Regulations, Directives, Orders	NA	NA	NA
11041005 - Monticello Ranger District	La Sal Mines Complex	02/23/2018	- Minerals and Geology	NA	NA	NA
11041005 - Monticello Ranger District	Mormon Pasture Mountain Wildlife Habitat Improvement Project	02/23/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management - Watershed management	NA	NA	NA
11041005 - Monticello Ranger District	Shingle Mill Vegetation Management Project	06/13/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	NA	NA	NA

Medicine-Bow Routt National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11020600 - Medicine Bow-Routt National Forest All Units	Wildlife Habitat Improvement Bird Nest Boxes Installation	12/11/2015	- Wildlife, Fish, Rare plants	GHMA, PHMA	Y	Timing Restrictions
11020600 - Medicine Bow-Routt National Forest All Units	Butte Pipeline Co. Rocky Point Road Crossing Pipeline Repair	11/24/2015	- Minerals and Geology - Special use management	PHMA	Y	Timing Restrictions
11020600 - Medicine Bow-Routt National Forest All Units	NRCS Training Program - Soil Test Pits	09/16/2019	- Special use management	NA	NA	NA
11020600 - Medicine Bow-Routt National Forest All Units	US Air Force Helicopter Training / Department of the Air Force	03/01/2016	- Special use management	NA	NA	NA
11020600 - Medicine Bow-Routt National Forest All Units	Wyoming Pipeline Co.-WRC Pipeline, Dept. of Transportation service change / Memo to File Wyoming Pipeline Co. WRC Line DOT Change of Service	11/12/2015	- Minerals and Geology - Special use management	PHMA	Y	Timing Restrictions

11020601 - Yampa Ranger District	Bucking Rainbow Permit Amendment	05/28/2019	- Special use management	NA	NA	NA
11020601 - Yampa Ranger District	Coal Creek Reclamation Decision Memo	08/12/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11020601 - Yampa Ranger District	Coberly-Maudlin Water Improvement Project	06/15/2018	- Grazing management	NA	NA	NA
11020601 - Yampa Ranger District	Conversion of National Forest System Road 272.1 to a Non-Motorized Trail	05/18/2018	- Recreation management - Wildlife, Fish, Rare plants - Watershed management - Road management	NA	NA	NA
11020601 - Yampa Ranger District	Decision Memo Crosho Lake (Simon #1) Outlet Replacement Special Use Permit	09/16/2016	- Special use management	NA	NA	NA
11020601 - Yampa Ranger District	Deadman Gulch Fish Barrier Project	09/09/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11020601 - Yampa Ranger District	NFSR 100/ Tributary of Franz Creek Culvert Replacement Project	04/18/2016	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA
11020601 - Yampa Ranger District	Gill Reservoir Permit Re-Issuance	06/14/2019	- Special use management	NA	NA	NA

11020601 - Yampa Ranger District	Morrison II	03/24/2016	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020601 - Yampa Ranger District	Morrison II / Re- issued Morrison II	04/06/2017	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020601 - Yampa Ranger District	Rangeland Management in the Pagoda Area / Pagoda AMP	09/27/2017	- Grazing management	NA	NA	NA
11020601 - Yampa Ranger District	Red Vista Fuels Reduction Project Decision Memo	02/01/2019	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020601 - Yampa Ranger District	Rich Ditch Permit Re-Issuance	06/14/2019	- Special use management	NA	NA	NA
11020601 - Yampa Ranger District	Saylor Spring (Homer Groesbeck Spring) Special Use Permit Reissuance	08/04/2017	- Special use management	NA	NA	NA

11020601 - Yampa Ranger District	Tonopas Creek Fish Barrier	09/20/2017	- Wildlife, Fish, Rare plants	NA	NA	NA
11020601 - Yampa Ranger District	Town of Yampa, CO Fireworks and Star Permit Reissuance	11/23/2015	- Special use management	NA	NA	NA
11020601 - Yampa Ranger District	Upper Yampa Water Conservancy District Yamcolo Reservoir Permit Reissue / Decision Memo Re-issue of Yamcolo Reservoir Special Use Permit	07/11/2016	- Special use management	NA	NA	NA
11020601 - Yampa Ranger District	Yampa Progeny Site Maintenance	07/17/2017	- Vegetation management (other than forest products)	NA	NA	NA
11020602 - Brush Creek/Hayden Ranger District	Battle Creek Ditch and Stream Enhancement	08/01/2018	- Special use management	NA	NA	NA
11020602 - Brush Creek/Hayden Ranger District	C & C Cattle Company: Livestock Grazing Pasture Permit Re-Issue	11/28/2018	- Special use management	GHMA	Y	NA
11020602 - Brush Creek/Hayden Ranger District	Dewey Lode Access	03/27/2017	- Special use management	NA	NA	NA
11020602 - Brush Creek/Hayden Ranger District	Hughes Power Line Decision Memo	07/15/2019	- Forest products - Vegetation management (other than forest products)	NA	NA	NA

			- Fuels management			
11020602 - Brush Creek/Hayden Ranger District	North Savery Project	05/25/2018	- Forest products - Vegetation management (other than forest products) - Fuels management - Watershed management - Road management	Duplicate of project below (recommend delete this row).	NA	NA
11020602 - Brush Creek/Hayden Ranger District	North Savery Project Vegetation and Travel Management Actions ROD	05/25/2018	- Forest products - Vegetation management (other than forest products) - Fuels management - Watershed management - Road management	PHMA, GHMA	Y	Obliterate 1.8 miles of user-created ORV routes, restore sage-grouse habitat
11020602 - Brush Creek/Hayden Ranger District	Ostlind-Parsekian Access Easement / Ostlind-Parsekian Access Easement	12/10/2018	- Special use management	NA		

11020602 - Brush Creek/Hayden Ranger District	Ryan Park Vegetation and Fuels Project	05/01/2018	- Forest products - Vegetation management (other than forest products) - Fuels management	GHMA	Y	When polygon design final, vegetation management in GHMA will avoid sagebrush habitats or meet GRGS-GRSGH-DC-002 and Table 1 Desired Conditions for breeding and nesting habitat.
11020602 - Brush Creek/Hayden Ranger District	SourceGas Distribution, LLC Pipeline Permit Re-Issue	03/26/2018	- Special use management - Facility management	NA	NA	NA
11020602 - Brush Creek/Hayden Ranger District	Union Telephone Co. Buried Fiber Optic Line	11/16/2018	- Special use management	NA	NA	NA
11020602 - Brush Creek/Hayden Ranger District	Union Wireless Barrett Ridge Cellular Tower Servicing Ryan Park	12/08/2017	- Special use management	NA	NA	NA
11020602 - Brush Creek/Hayden Ranger District	West Sheep Mountain Allotment Improvement	06/03/2019	- Grazing management	NA	NA	NA
11020602 - Brush Creek/Hayden Ranger District	William Williams Water Pipeline Permit Re-Issue	11/01/2017	- Special use management	NA	NA	NA

11020602 - Brush Creek/Hayden Ranger District	Carbon Cty Commissioners Re-Issue of Communications Use Lease for Blackhall Lookout Tower Repeater	05/22/2018	- Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Decision Notice Big Red Timber Management Analysis	08/25/2016	- Forest products - Fuels management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Buffalo Pass Trails	08/29/2016	- Recreation management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Burgess Creek Culvert Replacement	04/15/2016	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	City of Steamboat Springs Special Use Permit Decision Memo	03/19/2019	- Special use management - Facility management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Dry Lake Campground and Parking Area - Expansion and Refurbishment	10/19/2018	- Recreation management	NA	NA	NA

11020603 - Hahns Peak/Bears Ears Ranger District	First Creek Restoration Project Final Decision Notice	12/29/2017	- Wildlife, Fish, Rare plants - Watershed management	GHMA	Y	1) Minimize impacts to breeding or rearing young- Restoration activites begin after Aug. 1. 2) Restoration fencing designed to meet wildlife friendly specifications outlined by the Colorado Parks and Wildlife (CPW). All fence designs will be approved by the wildlife biologist and CPW
11020603 - Hahns Peak/Bears Ears Ranger District	Fish Creek Falls Transportation Services	05/24/2017	- Recreation management - Special use management	NA		
11020603 - Hahns Peak/Bears Ears Ranger District	Hahns Peak/ Bears Ears RD Precommercial Thinning	12/14/2017	- Forest products	NA		
11020603 - Hahns Peak/Bears Ears Ranger District	Little Snake Culvert Replacements Project	05/15/2016	- Wildlife, Fish, Rare plants - Watershed management	NA		
11020603 - Hahns Peak/Bears Ears Ranger District	Perry Lynn Spring Development (Wood Spring and Pipeline) Special Use Permit Issuance	05/12/2017	- Special use management	NA		
11020603 - Hahns Peak/Bears Ears Ranger District	Pushover Project - First Creek Restoration	03/21/2019	- Wildlife, Fish, Rare plants	NA		

11020603 - Hahns Peak/Bears Ears Ranger District	Rangeland Management in the Black Mountain Planning Area	01/18/2018	- Wildlife, Fish, Rare plants - Grazing management - Vegetation management (other than forest products) - Watershed management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Rangeland Management in the Black Mountain Planning Area DN	01/18/2018	- Wildlife, Fish, Rare plants - Grazing management - Vegetation management (other than forest products) - Watershed management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Recreation Event CE	05/15/2018	- Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Routt County Communications Wind Turbine Installation	06/27/2018	- Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Steamboat Front Hazardous Fuels Reduction Project	10/01/2015	- Fuels management	NA	NA	NA

11020603 - Hahns Peak/Bears Ears Ranger District	Steamboat Powdercat trails and thinning CE / Steamboat Powdercats 2018 CE	05/11/2018	- Special area management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Steamboat Ski Area FY18 Projects	05/15/2018	- Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Steamboat Ski Area Improvements Final ROD	09/10/2018	- Recreation management - Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Steamboat Ski Area Thunderhead Zone and Spur Run Snowmaking	05/13/2019	- Recreation management - Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Decision Memo 2016 Storm Peak Hang Gliding Association Permit Reissuance	09/21/2016	- Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	West Prong Falls Project	09/21/2018	- Wildlife, Fish, Rare plants	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Decision Memo 2016 Wild West Relay Event 5 Year Permit	09/21/2016	- Special use management	NA	NA	NA
11020603 - Hahns Peak/Bears Ears Ranger District	Yampa Valley Electric Association, Columbine North, Powerline Realignment	07/25/2018	- Special use management	NA	NA	NA

11020604 - Parks Ranger District	Bear Draw Vegetation Management Project	02/09/2018	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020604 - Parks Ranger District	Camp Creek Tributary Headcut Stabilization	05/10/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management	NA	NA	NA
11020604 - Parks Ranger District	Darcy Ditch Pipe Installation	08/22/2018	- Special use management	NA	NA	NA
11020604 - Parks Ranger District	Illinois River Vegetation Management Project	04/23/2018	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020604 - Parks Ranger District	Littrell Spring (Broken Spring) Special Use Permit Reissuance	07/21/2017	- Special use management	NA	NA	NA
11020604 - Parks Ranger District	Middle Fork Prescribed Fire Project	08/20/2019	- Vegetation management (other than forest products)	NA	NA	NA

			- Fuels management			
11020604 - Parks Ranger District	National Forest System Roads 660.1, 669.1, and 609.1 Restoration Project	04/17/2018	- Recreation management - Wildlife, Fish, Rare plants - Watershed management - Road management	NA	NA	NA
11020604 - Parks Ranger District	Parks Ranger District Outfitter/Guide Priority Permits 2015 / Permit Issuance for Priority Outfitter-Guide Summer and Fall Operations	04/11/2016	- Special use management	NA	NA	NA
11020604 - Parks Ranger District	Parkview Creek Vegetation Management Project	06/12/2019	- Forest products - Fuels management	NA	NA	NA
11020604 - Parks Ranger District	Slack Weiss Project Decision Notice	03/22/2016	- Recreation management - Forest products - Vegetation management (other than forest products) - Fuels management - Watershed	NA	NA	NA

			management - Road management			
11020604 - Parks Ranger District	Wheatley Vegetation Management	08/08/2017	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020604 - Parks Ranger District	Wheatley Vegetation Management Project	08/08/2017	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020605 - Laramie Ranger District	Centennial Ridge Unauthorized Route Rehabilitation	07/26/2018	- Recreation management - Special area management - Road management	NA	NA	NA
11020605 - Laramie Ranger District	Collins Creek Wetland Restoration	12/15/2016	- Vegetation management (other than forest products)	NA	NA	NA

			- Watershed management			
11020605 - Laramie Ranger District	Fox Creek Vegetation Management Project	05/03/2018	- Forest products - Fuels management	NA	NA	NA
11020605 - Laramie Ranger District	Laramie Plains Antenna TV Association Communications Use Lease Re-Issue	06/13/2019	- Special use management	NA	NA	NA
11020605 - Laramie Ranger District	Morgan Unauthorized Route Rehabilitation	03/27/2019	- Recreation management - Watershed management	NA	NA	NA
11020605 - Laramie Ranger District	Owen Timber Sale Additional Treatment in Cheyenne BoPU Catchments	01/26/2018	- Forest products - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11020605 - Laramie Ranger District	Paul Allred Locatable Minerals Project	09/05/2019	- Minerals and Geology	NA	NA	NA
11020605 - Laramie Ranger District	Pole Mountain Travel Management	07/18/2017	- Recreation management - Watershed management - Road management	NA	NA	NA

11020605 - Laramie Ranger District	Pole Mountain Travel Management Decision Notice	07/18/2017	- Recreation management - Watershed management - Road management	NA	NA	NA
11020605 - Laramie Ranger District	Pole Mountain Unauthorized Route Restoration / Vedauwoo Unauthorized Route Restoration	06/02/2016	- Recreation management - Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management - Road management	NA	NA	NA
11020605 - Laramie Ranger District	Re-Issue of Communications Use Lease for VRE Towers, LLC	10/06/2018	- Special use management	NA	NA	NA
11020605 - Laramie Ranger District	Douglas Creek Unauthorized ATV Route Rehabilitation	09/23/2016	- Recreation management - Watershed management	NA	NA	NA
11020605 - Laramie Ranger District	Rule Communications Re-Issue of Communications Use Lease	04/19/2019	- Special area management	NA	NA	NA
11020605 - Laramie Ranger District	Snowy Range Ski and Recreation Area: Magic Carpet Replacement	07/31/2019	- Recreation management - Special use management	NA	NA	NA

11020605 - Laramie Ranger District	Southeast Snowy Range Crucial Deer and Elk Winter Range Seasonal Closures	04/27/2016	- Wildlife, Fish, Rare plants - Road management	NA	NA	NA
11020605 - Laramie Ranger District	Tie City Summer Trail Improvements	06/16/2017	- Recreation management - Watershed management	NA	NA	NA
11020605 - Laramie Ranger District	University Amateur Radio, Inc. Communications Use Lease Re-Issue	04/19/2019	- Special use management	NA	NA	NA
11020609 - Douglas Ranger District and Thunder Basin National Grassland	34.5-kilovolt Power Line and Right-of- Way at Antelope Mine	09/17/2018	- Special use management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	69-kV and 230-kV Power Line Relocations at North Antelope Rochelle Mine	12/10/2018	- Special use management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Amendment to Sale Contract for Mineral Materials for Use at Black Thunder Mine / Amendment for Modification of Stipulations to Mineral Material Contract	01/31/2018	- Minerals and Geology	GHMA	Y	Timing Restrictions

11020609 - Douglas Ranger District and Thunder Basin National Grassland	Antelope Coal Special Use Authorization (DGL423)	10/13/2017	- Minerals and Geology - Special use management	GHMA	Y	Timing Restrictions
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Antelope Mine Mineral Material Contract Renewal / Mineral Material Contract Renewal for Antelope Coal, LLC	07/22/2016	- Minerals and Geology	GHMA	Y	Timing Restrictions
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Ballard Petroleum Holdings LLC Application for Permit to Drill, USFS Fed 14-22 TH and 14-23 TH wells / Ballard Petroleum Holdings LLC APDs for USFS Fed 14- 22TH and 14-23TH Wells	12/21/2017	- Minerals and Geology	GHMA	Y	Timing Restrictions, Mitigation
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Beaux Federal and Blue Federal Oil and Gas Developments and Associated Uses	09/09/2019	- Minerals and Geology	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin	Charybdis 3D Seismic Survey	08/07/2019	- Minerals and Geology	GHMA, PHMA	Y	Timing Restrictions, Avoidance

National Grassland						
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Hartland Subdivision Road Access / Special Use Authorization - Use of NFSR 1325.E for Access to Subdivision	11/20/2017	- Special use management - Road management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Inyan Kara Riders Motorcycle Enduro Event	07/27/2017	- Special use management	GHMA	Y	Avoidance
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Jibilian Federal Oil and Gas Development - True Oil LLC	06/20/2018	- Minerals and Geology	GHMA	Y	Mitigation
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Special Use Authorization Judd and Grout Spring Development	08/16/2016	- Special use management	NA	NA	NA
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Laramie Peak Unit Timber and Fuels Management	09/30/2019	- Forest products - Vegetation management (other than forest products)	GHMA	Y	Timing Restrictions, Avoidance

			- Fuels management			
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Livestock water development - Birkley Well / Birkley Well and Johnson Well	12/07/2018	- Grazing management	PHMA	Y	Timing Restrictions, Avoidance
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Livestock water development - Johnson Well / Birkley Well and Johnson Well	12/07/2018	- Grazing management	GHMA	Y	Timing Restrictions, Avoidance
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Mineral Material Contract Renewal for Peabody Powder River Mining, LLC	05/02/2017	- Minerals and Geology	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	National Forest System Road 1414 Road Use Authorization and Travel Management	01/31/2019	- Special use management - Road management	PHMA	Y	Timing Stipulations, Avoidance
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Paragon Geophysical Services, Inc. North York 3D Seismic Survey	12/08/2017	- Minerals and Geology	PHMA	Y	Timing Restrictions

11020609 - Douglas Ranger District and Thunder Basin National Grassland	Northeast Laramie Range Fuels and Vegetation Project	06/03/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	GHMA	Y	Timing Restrictions
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Peabody Powder River Mining, LLC Special Use Permit Amendment DGL314	10/13/2017	- Special use management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Powder River Energy Corporation (PRECorp) 69 kV Powerline Relocation at Black Thunder Mine / 69- kilovolt Powerline Relocation at Black Thunder Mine	04/15/2016	- Special use management	GHMA	Y	Mitigation
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Powerline to Petro- Hunt Oil Well / Amendment to Special Use Authorization, PRE Corp. 14.4 and 24.9kV	01/30/2017	- Special use management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin	Public Road Easement to Campbell County for Mackey Road Relocation	06/20/2016	- Road management	GHMA	Y	Avoidance

National Grassland						
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Railgun 3D Seismic Survey	08/12/2019	- Minerals and Geology	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Raptor Nesting Platform Establishment - Esterbrook Campground	09/21/2018	- Wildlife, Fish, Rare plants	GHMA	Y	Timing Restrictions
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Raptor Nesting Platform Establishment - Spring Creek	11/21/2018	- Wildlife, Fish, Rare plants	PHMA	Y	Timing Restrictions
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Reauthorization for 230kV and 69kV Transmission Lines / Reauthorization of 230-kV and 69-kV Power Lines and Rights-of-Way	06/14/2018	- Special use management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Reprise 2D Seismic Survey	08/29/2018	- Minerals and Geology	GHMA, PHMA	Y	Timing Restrictions

11020609 - Douglas Ranger District and Thunder Basin National Grassland	SUA Amendment for Use and Occupancy of NFS Lands at Black Thunder Mine	11/09/2018	- Special use management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Thunder Basin Coal Company (Black Thunder Mine) - Mineral Materials (Scoria) Contract Renewal / Thunder Basin Coal Company, LLC Mineral Materials Contract Renewal	04/22/2016	- Minerals and Geology	GHMA	Y	Timing Restrictions
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Use of National Forest System Road 1240.C for Access to Private Property	02/21/2017	- Special use management	GHMA	Y	None
11020609 - Douglas Ranger District and Thunder Basin National Grassland	Water Development Maintenance in Haystack Allotment No. 622	09/14/2016	- Grazing management	NA	NA	NA
11020609 - Douglas Ranger District and Thunder Basin National Grassland	White Hound Allotment #652 Water Tank Renovation	10/06/2017	- Grazing management	NA	NA	NA

Salmon-Challis National Forest

Data not available.

Sawtooth National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11041400 - Sawtooth National Forest All Units	Boise & Sawtooth Forest-wide Invasive Plant Species Treatments / Boise National Forest Invasive Plant Species Project	06/19/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management	NA	NA	NA
11041401 - Minidoka Ranger District	Albion-Raft River Aspen Habitat Restoration Project	02/11/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management	NA	Y	Not located in GRSG habitat on the ground.
11041401 - Minidoka Ranger District	Black Pine Exploration Plan of Operations	12/12/2018	- Minerals and Geology - Special use management	GHMA	Y	Limited operating periods, buffer zones around leks, survey of leks required annually prior to operations commencing by operator.

11041401 - Minidoka Ranger District	Black Pine Shrub Planting Project	04/12/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products)	GHMA	Y	None-restoration project.
11041401 - Minidoka Ranger District	Cabin-Harry Neil Springs Restoration Project	06/05/2018	- Wildlife, Fish, Rare plants - Grazing management - Vegetation management (other than forest products) - Watershed management	PHMA	Y	Fencing marking of enclosure fences, floating of troughs to maintain riparian habitat.
11041401 - Minidoka Ranger District	Coal Pit Boundary Fence	09/01/2016	- Grazing management	IHMA	N/A	Completed NEPA and required fence marking but permittee opted not to build fence after NEPA was completed.
11041401 - Minidoka Ranger District	Cotton Ridge RAWs	03/02/2017	- Fuels management - Facility management	IHMA	Y	None

11041401 - Minidoka Ranger District	Goose Creek Sage-Grouse Habitat Restoration Project	01/29/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management	IHMA	Y	GRSG habitat restoration project- Limited operating periods on activity during breeding season and fence marking required.
11041401 - Minidoka Ranger District	Hadley Small Tracts Act	03/19/2018	- Land ownership management	NA	Y	No habitat on the ground-house/buildings on 1 acre tract.
11041401 - Minidoka Ranger District	Johnson Creek Aquatic Habitat Project	01/31/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management - Road management	PHMA	Y	Non-habitat. Mapped as priority habitat however project site is in juniper and willow dominated riparian communities.
11041401 - Minidoka Ranger District	Lynn Bench Sage-Grouse Habitat Restoration Project	07/27/2016	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Watershed management	PHMA	Y	Limited operating periods during breeding and nesting season.

11041401 - Minidoka Ranger District	Lynn Springs Quarry Expansion	07/14/2017	- Minerals and Geology	PHMA	Y	Required reseeding and reclaiming of mined areas.
11041401 - Minidoka Ranger District	Minidoka Trail Improvements	08/21/2017	- Recreation management	N/A	No	Dropped trails in GRSG habitat per ROD direction.
11041401 - Minidoka Ranger District	Rock Creek Fuels & Vegetation Project	02/16/2016	- Vegetation management (other than forest products) - Fuels management	GHMA and IHMA	Y	Non-habitat. Primarily a timber/aspen project-minimize contiguous burned acres of mountain bg sagebrush.
11041401 - Minidoka Ranger District	Sublett Warming Shelter	11/24/2015	- Recreation management	NA	Y	Not in habitat.
11041403 - Ketchum Ranger District	Deer Creek Bridge Replacement and Road Realignment	06/14/2019	- Wildlife, Fish, Rare plants - Watershed management - Road management	NA	NA	NA
11041403 - Ketchum Ranger District	Deer Creek Post Fire Restoration	02/01/2016	- Recreation management - Wildlife, Fish, Rare plants - Watershed management - Road management	NA	NA	NA

11041403 - Ketchum Ranger District	Deer Creek Road Realignment and Riparian Restoration Project	07/01/2016	- Watershed management - Road management	NA	NA	NA
11041403 - Ketchum Ranger District	Eagle Creek Diversion and Ditch Special Use Permit	09/06/2019	- Special use management	NA	NA	NA
11041403 - Ketchum Ranger District	Greenhorn, Warm Springs, Corral Creek Vault Toilet Replacement and Installation	03/17/2017	- Recreation management	NA	NA	NA
11041403 - Ketchum Ranger District	Summer Use of Pioneer Yurt Special Use Amendment	01/07/2016	- Recreation management - Special use management	NA	NA	NA
11041403 - Ketchum Ranger District	Sun Valley Heliski Guides SUP Reissuance / Issuance of 10-Year Special Use Authorization Sun Valley Helicopter Ski	01/12/2018	- Recreation management	NA	NA	NA
11041403 - Ketchum Ranger District	Sun Valley Ski Area (Cold Springs) Project	04/18/2018	- Recreation management - Vegetation management (other than forest products) - Special use management	NA	NA	NA

11041403 - Ketchum Ranger District	Sun Valley Super Enduro & Cross- Country Mountain Bike Race	05/06/2016	- Recreation management - Special use management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Big Wood Travel Management Plan	08/30/2018	- Recreation management - Wildlife, Fish, Rare plants - Watershed management - Road management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Elk Mountain East Vegetation Management	05/31/2018	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Elk Mountain East Vegetation Management Phase II	03/08/2019	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Hemingway- Boulders and White Clouds Wilderness Management Plan	08/21/2018	- Land management planning - Recreation management - Special area management	NA	NA	NA

11041404 - Sawtooth National Recreation Area	Howdyville Wetland Restoration	07/26/2016	- Vegetation management (other than forest products)	NA	NA	NA
11041404 - Sawtooth National Recreation Area	MMW Acquisition Land Treatments	05/09/2018	- Road management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Pole Creek Meadow Historic Channel Reconnect	07/15/2016	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Redfish Lake Lodge Water Tank	08/18/2016	- Recreation management - Special use management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Redfish Sockeye Collection Facility and Weir	05/11/2017	- Wildlife, Fish, Rare plants - Special use management - Research and Development	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Replacement of Road 205 Crossing of Cabin Creek	12/11/2018	- Recreation management - Wildlife, Fish, Rare plants - Facility management	NA	NA	NA

11041404 - Sawtooth National Recreation Area	Silva Livestock Load/Unload Area Special Use Permit	12/02/2015	- Special use management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Silver King Mine Road Access Special Use Permit	08/01/2016	- Special use management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Stanley Ranch, LLC - Access across NFS lands	08/12/2016	- Special use management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Stanley to Redfish Lake Trail	06/06/2017	- Recreation management	GHMA	Y	
11041404 - Sawtooth National Recreation Area	Valley Creek Road (NFS Road-70304) Rehabilitation	08/08/2018	- Wildlife, Fish, Rare plants - Road management	NA	NA	NA
11041404 - Sawtooth National Recreation Area	Warm Springs Placer Mining Plan of Operations	11/23/2015	- Minerals and Geology	NA	NA	NA
11041405 - Fairfield Ranger District	Free Gold - Bridge Pasture Division Fence	09/11/2017	- Grazing management	GHMA	Y	Fence was marked with visibility markers

11041405 - Fairfield Ranger District	Over-Snow Vehicle Travel Management in the Northern Portion of the Fairfield Ranger District	12/18/2018	- Recreation management	NA	NA	NA
11041405 - Fairfield Ranger District	Salt Bowns Vegetation Management Project	05/16/2017	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041405 - Fairfield Ranger District	Salt Bowns Whitebark Pine Daylighting Project	05/16/2017	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041405 - Fairfield Ranger District	Soldier Mountain Ski Area Storage Building and Summer Bike Trail Proposal	04/17/2017	- Recreation management - Special use management	NA	NA	NA

Uinta-Wasatch-Cache National Forest

Lead Management Unit	Project Name	Date of Decision	PALS Project Purpose	GRSG Management Area	Confirm Plan Consistency	Modifications or aspects for plan alignment
11041900 - Uinta-Wasatch-Cache All Units	Allwest Communications Fiber Optic Line Upgrade	06/29/2017	- Special use management		NA	NA
11041900 - Uinta-Wasatch-Cache All Units	Alta Master Development Plan Improvement Projects	12/04/2018	- Recreation management - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch-Cache All Units	Alta Ski Area East Baldy Remote Avalanche Mitigation Project	12/15/2017	- Recreation management - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch-Cache All Units	Alta Ski Area Modern Garbage Collection System	08/09/2016	- Recreation management - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch-Cache All Units	Alta Ski Area Snowmaking System Improvements	08/17/2016	- Recreation management - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch-Cache All Units	Alta Ski Area Water Tank Replacement Project	09/12/2016	- Recreation management - Special use management	NA	NA	NA

11041900 - Uinta-Wasatch- Cache All Units	Alta Supreme Lift Replacement Project	02/06/2017	- Recreation management - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	American Fork Culinary Water Pipeline Replacement Project	06/12/2018	- Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	BWA Hazard Tree Removal	06/20/2019	- Recreation management - Vegetation management (other than forest products) - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	CenturyLink Fiber Optic project Cardiff Fork	05/10/2019	- Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Diamond Fork Phosphate Project	09/06/2018	- Minerals and Geology	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Emery Telecom Fiber Optic	07/29/2019	- Special use management		NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Energy Gateway South 500 kV Powerline (EGS) / Energy Gateway South Transmission Project	05/31/2017	- Special use management		NA	NA

11041900 - Uinta-Wasatch- Cache All Units	Farmington Equalizing Reservoir Fence Replacement	10/19/2017	- Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Kays Creek irrigation special use permit	03/31/2016	- Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Mapleton City Waterline	08/29/2018	- Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Neff's Overflow Pipe	07/03/2019	- Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Rankin Water Development Permit Reissue	01/06/2016	- Special use management		NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Red Pine Dam special use permit	03/31/2016	- Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache Spanish Fork	Sheep Creek Amendment	09/05/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	NA	NA	NA

11041900 - Uinta-Wasatch- Cache All Units	Ski Resort Snow Fence Install	08/05/2019	- Recreation management - Special use management - Facility management - Road management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Snowbasin Master Development Plan Improvement Projects	01/27/2017	- Recreation management - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Snowbird Ski and Summer Resort Beginner Terrain Enhancement Project	08/08/2016	- Recreation management - Special use management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Sunset Campground decommission	05/21/2018	- Recreation management - Facility management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Syringa Networks Fiber Optics Line	03/20/2018	- Special use management		NA	
11041900 - Uinta-Wasatch- Cache All Units	T-Mobile Bald Mountain Repeater Replacement	08/19/2019	- Special use management	NA	NA	NA

11041900 - Uinta-Wasatch- Cache All Units	UDOT SR210 Avalanche Control Project	08/09/2016	- Recreation management - Special use management - Road management	NA	NA	NA
11041900 - Uinta-Wasatch- Cache All Units	Uinta-Wasatch-Cache Phase 1 Pinyon/Juniper Treatments	05/04/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	PHMA	Y	Project NEPA to facilitate removal of pinyon-juniper to improve sagebrush habitats at the Forest Level
11041900 - Uinta-Wasatch- Cache All Units	Wasatch-Cache National Forest - Forest Plan - Wilderness Opportunity Class Administrative Change	08/31/2018	- Land management planning - Special area management	NA	NA	NA
11041901 - Salt Lake Ranger District	Albion Basin Trail Reroutes - Upper Section	04/08/2019	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Albion Meadows Trail Reroute	08/18/2016	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Alta Ski Lifts Parking Improvement	10/26/2018	- Recreation management	NA	NA	NA

11041901 - Salt Lake Ranger District	Alta Ski Resort Avalauncher Relocation	05/31/2018	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Amateur Tower Radio Install	05/10/2019	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Big Cottonwood Canyon Climbing Route Trail Access	03/29/2019	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Big Cottonwood Canyon Pinetree Spring Water System	08/24/2017	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Big Water Connector Trail	11/03/2016	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Bountiful City Water System	06/28/2017	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Bountiful Lions Gun Range permit renewal	01/18/2017	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Brighton area sewer project	08/17/2016	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Cardiff Trail Pedestrian Bridge	06/26/2019	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Cottonwood Campground Toilet Replacement	01/06/2017	- Recreation management	NA	NA	NA

11041901 - Salt Lake Ranger District	Dog Lake Trail Re-route	04/13/2018	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Donut Falls new trail extension	10/04/2016	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Fernwood/Snoqualmie Firebreak Road Maintenance	05/09/2017	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041901 - Salt Lake Ranger District	Lake Solitude trail reroute	07/13/2016	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Lambs Canyon Gate Installation	10/24/2016	- Recreation management - Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Margetts Reciprocal road easement	05/23/2017	- Land ownership management - Land acquisition	NA	NA	NA
11041901 - Salt Lake Ranger District	Mill D #3 cabin addition	02/09/2017	- Recreation management - Special use management	NA	NA	NA

11041901 - Salt Lake Ranger District	Millcreek Riparian Improvements	02/03/2017	- Recreation management - Vegetation management (other than forest products)	NA	NA	NA
11041901 - Salt Lake Ranger District	NEON Domain 15 Project in Utah	09/13/2016	- Special use management - Research and Development	NA	NA	NA
11041901 - Salt Lake Ranger District	Porter Fork Lot 7 Deck Modification	05/15/2017	- Recreation management - Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Rattlesnake Trailhead Improvement	06/24/2019	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Red Pine Lake Trail Reroute	10/22/2018	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Ski Utah outfitter guide permit renewal	02/23/2016	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Solitude Mountain Resort Terrain and Snowmaking Improvements Project	05/23/2018	- Land management planning	NA	NA	NA
11041901 - Salt Lake Ranger District	Solitude ski trail realignment	09/21/2017	- Special use management	NA	NA	NA

11041901 - Salt Lake Ranger District	Travel Management Plan Amendment and Motor Vehicle Use Map Update	04/13/2018	- Road management	NA	NA	NA
11041901 - Salt Lake Ranger District	UDOT explosives cache installation	08/31/2017	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Upper Pipeline Trail	03/29/2019	- Recreation management	NA	NA	NA
11041901 - Salt Lake Ranger District	Wasatch Front 100 mile endurance run	05/11/2016	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Wasatch Front Winter Range Bitterbrush Augmentation	10/24/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11041901 - Salt Lake Ranger District	Wasatch Powderbird Guides Permit Renewal	12/15/2017	- Special use management	NA	NA	NA
11041901 - Salt Lake Ranger District	Whitmore Pavilion removal	07/13/2016	- Recreation management - Watershed management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	American Fork Canyon Fiber Optics Project	09/05/2019	- Special use management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Anderson Cabin Remodel	07/14/2017	- Recreation management - Special use management	NA	NA	NA

11041902 - Pleasant Grove Ranger District	Battle Creek Canyon Culinary Water Pipeline Project	05/12/2016	- Special use management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Cascade Springs toilet replacement	09/01/2016	- Recreation management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Echo Picnic Site Hardening	08/21/2017	- Recreation management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Kimball Land Exchange	10/07/2015	- Land ownership management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Provo City Utility Project	08/09/2017	- Special use management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Silver Lake parking lot expansion and restroom relocation	03/21/2019	- Facility management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Snowbird Avalanche 5- year Testing Permit	09/05/2017	- Special use management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Tibble Fork Dam	03/11/2016	- Special use management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Tibble Fork Mastication	01/04/2018	- Recreation management - Fuels management	NA	NA	NA

11041902 - Pleasant Grove Ranger District	Tibble Fork Recreation Residence Tract: Lot #12 Total Cabin Demolition and Complete Rebuild	07/25/2018	- Recreation management - Special use management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Tibble Fork Recreation Residence Tract: Water Tank Replacement	09/18/2018	- Recreation management - Special use management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Tibble Fork Trail Reroute	03/21/2017	- Recreation management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Timpanogos Mine Closure Decision Memo	12/27/2016	- Wildlife, Fish, Rare plants - Minerals and Geology	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Timpanogos Mine Closure Site 4070317HO001	05/09/2017	- Wildlife, Fish, Rare plants - Minerals and Geology	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Upper Falls picnic site pedestrian bridge	01/30/2017	- Recreation management	NA	NA	NA
11041902 - Pleasant Grove Ranger District	Wasatch Front guzzler replacements	07/25/2016	- Wildlife, Fish, Rare plants	NA	NA	NA

11041903 - Heber-Kamas Ranger District	Chicken Creek East Boat Ramp	09/05/2018	- Recreation management	PHMA	Y	Project will decommission & rehab two underutilized day use sites & roads (GRSG-RT-GL-071-Guideline), then combine their footprint to build a boat ramp that will not result in the loss of habitat to sage grouse (GRSG-R-ST-062-STANDARD).
11041903 - Heber-Kamas Ranger District	Crystal Lake Trailhead Expansion	05/13/2019	- Recreation management	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Currant Creek separation fence	09/09/2016	- Grazing management	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Dock Flat Pipeline	02/28/2017	- Grazing management	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Heber wildlife prescribed burn	09/23/2016	- Wildlife, Fish, Rare plants - Fuels management	PHMA	Y	Project area is within PHMA, but project activity will be focused on conifer encroached aspen stands, which are higher on the slope (outside of PHMA). Holding lines may incorporate the sagebrush/aspen edge. If so, all appropriate S&G's will be followed.
11041903 - Heber-Kamas Ranger District	Hoy Hollow Pipeline	02/28/2017	- Grazing management	NA	NA	NA

11041903 - Heber-Kamas Ranger District	Low Pass fence relocation	09/09/2016	- Wildlife, Fish, Rare plants - Grazing management - Watershed management - Road management	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Mirror Lake Booth Replacement	05/24/2017	- Facility management	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Mud Creek boat ramp maintenance at Strawberry Reservoir	04/05/2017	- Recreation management - Wildlife, Fish, Rare plants - Watershed management	PHMA	Y	Activity was conducted all within previously disturbed area footprint and outside of the breeding/nesting period (needed reservoir to have a low water level)
11041903 - Heber-Kamas Ranger District	Oakley Water Tank Trails	07/11/2018	- Recreation management	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Range Improvement Projects on the Heber-Kamas Ranger District	07/01/2019	- Grazing management	PHMA	Y	New permanent corral is approx. 4 miles from occupied lek, which complies with guideline GRSG-LG-GL-041
11041903 - Heber-Kamas Ranger District	Soapstone Summer Home #19	09/11/2017	- Recreation management - Land ownership management	NA	NA	NA

11041903 - Heber-Kamas Ranger District	Squaw and Steeper Creek Road Relocation Project	04/03/2017	- Recreation management - Wildlife, Fish, Rare plants - Road management	PHMA	Y	Relocating Squaw Creek Road and its associated disperse campsites out of the riparian/sagebrush area to the ridge (Aspen stands/sagebrush community) complies with GRSG-R-GL-064-Guideline by resulting with a conservation gain to sage grouse habitat. Construction of Squaw Cr. road started in Sept to avoid nesting/breeding season
11041903 - Heber-Kamas Ranger District	State of Utah Snow Cat Shed Relocation	07/05/2017	- Recreation management - Facility management	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Strawberry Bay Recreation Expansion Project	07/07/2017	- Recreation management	PHMA	Y	Eleven Standards and Guidelines were used to build mitigation measures and design features within the Strawberry Bay Rec. Expansion Project EA for compliance with the GSG ROD
11041903 - Heber-Kamas Ranger District	Strawberry pipeline extension	09/09/2016	- Grazing management - Vegetation management (other than forest products)	NA	NA	NA
11041903 - Heber-Kamas Ranger District	Upper Provo Fuels Addition 2	07/30/2019	- Fuels management	NA	NA	NA

11041903 - Heber-Kamas Ranger District	Upper Provo Watershed Fuels Project - Addition	05/08/2018	- Fuels management	NA	NA	NA
11041904 - Evanston- Mountain View RD	Burnt-Beaver Restoration	03/28/2019	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041904 - Evanston- Mountain View RD	Johnson Meadow Water Development	04/12/2018	- Grazing management	NA	NA	NA
11041904 - Evanston- Mountain View RD	Platte Petroleum Environmental Assessment	08/18/2016	- Minerals and Geology - Road management	NA	NA	NA
11041904 - Evanston- Mountain View RD	Roughneck Vegetation Restoration Project Decision Notice and FONSI	03/18/2016	- Forest products - Fuels management	NA	NA	NA
11041904 - Evanston- Mountain View RD	Decision Memo Telephone Hollow and Willow Park Lop and Scatter	01/03/2017	- Wildlife, Fish, Rare plants	NA	NA	NA

11041904 - Evanston- Mountain View RD	Whitney Tall Forb Exclosures	11/07/2016	- Grazing management	NA	NA	NA
11041904 - Evanston- Mountain View RD	Wildlife Buffer Regeneration	11/15/2016	- Wildlife, Fish, Rare plants	NA	NA	NA
11041906 - Ogden Ranger District	Bluff Spring Horse Corral	10/12/2017	- Recreation management	NA	NA	NA
11041906 - Ogden Ranger District	Eli Ridge Pipeline	09/15/2017	- Grazing management	NA	NA	NA
11041906 - Ogden Ranger District	Endurance Utah	08/18/2017	- Special use management	NA	NA	NA
11041906 - Ogden Ranger District	Huntsville Town Water Line Reconstruction	04/24/2017	- Special use management	NA	NA	NA
11041906 - Ogden Ranger District	Jefferson Hunt Campground Decommission	07/16/2018	- Recreation management	NA	NA	NA
11041906 - Ogden Ranger District	Monte Cristo WUI	12/04/2017	- Fuels management	NA	NA	NA
11041906 - Ogden Ranger District	North Fork Bicentennial Trail Reroute	10/03/2017	- Recreation management	NA	NA	NA
11041906 - Ogden Ranger District	Record of Decision Ogden Ranger District Travel Plan Revision November 2015	11/06/2015	- Road management	Y	Y	Closed to Motorized use, Close and reclaim, Administrative use only.

11041906 - Ogden Ranger District	Ogden/Pineview Yacht Club permit reissuance	11/01/2016	- Special use management	NA	NA	NA
11041906 - Ogden Ranger District	Pineview Open Swim Area	10/23/2017	- Recreation management	NA	NA	NA
11041906 - Ogden Ranger District	Pineview Reservoir Deep Water Structure Enhancement	05/14/2018	- Wildlife, Fish, Rare plants	NA	NA	NA
11041906 - Ogden Ranger District	Pineview Yacht Club Breakwater	05/02/2018	- Recreation management	NA	NA	NA
11041906 - Ogden Ranger District	Snowbasin Ski Resort Gazex Proposal	07/27/2016	- Special use management	NA	NA	NA
11041906 - Ogden Ranger District	South Fork WUI	12/04/2017	- Fuels management	NA	NA	NA
11041906 - Ogden Ranger District	Spring Creek Trailhead Parking Expansion	10/23/2017	- Recreation management	NA	NA	NA
11041906 - Ogden Ranger District	Sprout Spring Storage Tank	09/14/2017	- Grazing management	NA	NA	NA
11041906 - Ogden Ranger District	Three Creeks Grazing Allotment Consolidation	04/24/2018	- Grazing management	Y—PHMA?	Y	All the GRSG S&G applied to the project was included. Bedding sheep and placing camp restrictions during lekking, trailing restrictions during breeding and nesting, fence should be marked within 1.2 miles of leks and meeting habitat requirements.

11041906 - Ogden Ranger District	Wheeler Creek Diversion	05/28/2019	- Special use management	NA	NA	NA
11041906 - Ogden Ranger District	Woodruff-Dairy Ridge Allotment Pipeline Extension	08/01/2016	- Grazing management	NA	NA	NA
11041906 - Ogden Ranger District	XTERRA/TEAM Unlimited LLC	08/31/2017	- Special use management	NA	NA	NA
11041907 - Logan Ranger District	Arctic Breed Rescue 5- Year Permit / 5-Year Special Use Permits	07/12/2018	- Special use management	NA	NA	NA
11041907 - Logan Ranger District	Bear 100	09/19/2017	- Special use management	NA	NA	NA
11041907 - Logan Ranger District	Bear Lake WUI Hazardous Fuels Reduction & Wildlife Habitat Improvement	02/19/2016	- Fuels management	NA	NA	NA
11041907 - Logan Ranger District	Beaver Flow Devices and Beaver Dam Analogues	03/17/2017	- Wildlife, Fish, Rare plants - Watershed management	NA	NA	NA
11041907 - Logan Ranger District	Blacksmith Fork River Trail	10/04/2016	- Recreation management	NA	NA	NA
11041907 - Logan Ranger District	Chicken Creek - Mud Flat Fence Relocation	06/01/2016	- Grazing management	NA	NA	NA
11041907 - Logan Ranger District	Deweysville Spring Improvement	12/31/2015	- Special use management	NA	NA	NA

11041907 - Logan Ranger District	First Practice Wall Trail	06/21/2019	- Recreation management	NA	NA	NA
11041907 - Logan Ranger District	Green Canyon Wildlife Habitat Improvement & Providence Canyon Watershed Wildlife Habitat Improvement	08/16/2018	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041907 - Logan Ranger District	Guinavah-Malibu Campground Improvements	12/06/2018	- Recreation management	NA	NA	NA
11041907 - Logan Ranger District	Logan Peak Trail	02/21/2019	- Recreation management	NA	NA	NA
11041907 - Logan Ranger District	5-Year Special Use Permits	07/12/2018	- Special use management	NA	NA	NA
11041907 - Logan Ranger District	Old Juniper Trail Reconstruction	02/13/2019	- Recreation management	NA	NA	NA
11041907 - Logan Ranger District	Pleasant Valley Juniper Treatment II	09/05/2017	- Wildlife, Fish, Rare plants	Y—Non habitat	Y	Removing Junipers encroached into sagebrush
11041907 - Logan Ranger District	Pleasant Valley Springs Juniper Treatment	06/14/2016	- Wildlife, Fish, Rare plants	Y—Non- habitat	Y	Removing Junipers encroached into sagebrush

11041907 - Logan Ranger District	Red Ryder Vegetation Management Project	06/25/2018	- Forest products - Vegetation management (other than forest products) - Fuels management	Y—PHMA?	Y	Restrict road construction or maintenance activities within 2 miles of lek from March 1 to April 30 from 6 pm to 9 am
11041907 - Logan Ranger District	Society for Creative Anachronism 5 Year Permit / 5-Year Special Use Permits	07/12/2018	- Special use management	NA	NA	NA
11041907 - Logan Ranger District	South Cache Allotment Fence	07/03/2018	- Grazing management	NA	NA	NA
11041907 - Logan Ranger District	Spring Hollow Trail Reroute	01/28/2018	- Recreation management	NA	NA	NA
11041907 - Logan Ranger District	Staker-Parsons Powerline Relocation & Non-Significant Forest Plan Amendment	08/12/2016	- Special use management	NA	NA	RO Project
11041907 - Logan Ranger District	Tony Grove Winter Trailhead Expansion and Bunchgrass Trail Connector	05/18/2018	- Recreation management	NA	NA	NA
11041907 - Logan Ranger District	University of Kansas Fossil Request	07/19/2017	- Research and Development	NA	NA	NA
11041907 - Logan Ranger District	Upper Bunchgrass Trail Reroute	05/18/2018	- Recreation management	NA	NA	NA

11041907 - Logan Ranger District	Worm Fence ATV Trail	06/08/2016	- Recreation management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Benmore Allotment Range Improvements	03/15/2017	- Grazing management - Vegetation management (other than forest products)	PHMA	Y	PHMA
11041908 - Spanish Fork Ranger District	Devils Kitchen toilet replacement	01/20/2017	- Recreation management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Diamond Fork Campground Prescribed Fuels Treatment	07/11/2016	- Vegetation management (other than forest products) - Fuels management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Diamond Fork Guard Station toilet installation	06/03/2016	- Facility management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Diamond Fork Tree Planting and Installation of Post Assisted Log Structures	04/30/2019	- Vegetation management (other than forest products) - Watershed management	NA	NA	NA

11041908 - Spanish Fork Ranger District	Diamond Fork/Hollows Pasture Boundary Relocation	03/15/2017	- Recreation management - Grazing management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Elderberry Springs Watershed Restoration Initiative Project	07/27/2018	- Wildlife, Fish, Rare plants - Grazing management	PHMA	Y	Troughs with overflow areas for sage-grouse
11041908 - Spanish Fork Ranger District	Little Valley pipeline reroute	03/15/2017	- Grazing management	PHMA	Y	No impact on sage-grouse habitat.
11041908 - Spanish Fork Ranger District	Loop Springs Trough Relocation	03/15/2017	- Grazing management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Lower Payson Canyon WUI	09/08/2016	- Fuels management	NA	NA	NA
11041908 - Spanish Fork Ranger District	McCune Canyon fuels prescription	07/11/2016	- Fuels management	NA	NA	NA
11041908 - Spanish Fork Ranger District	McKlinmans (Elderberry) Lop and Scatter	05/19/2017	- Wildlife, Fish, Rare plants - Fuels management	PHMA	Y	Removing Junipers encroached into sagebrush
11041908 - Spanish Fork Ranger District	McPherson Water Development	09/25/2018	- Grazing management	PHMA		
11041908 - Spanish Fork Ranger District	Montague road use and gate permit authorization	01/06/2016	- Special use management	NA	NA	NA

11041908 - Spanish Fork Ranger District	Nebo Creek Corral	03/15/2017	- Grazing management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Nebo Creek Post Fire Rehabilitation	04/30/2019	- Watershed management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Packard Trailhead Relocation	03/08/2018	- Recreation management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Pole Canyon Dispersed Camping Maintenance	05/19/2017	- Recreation management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Red Hollow Water Development	03/15/2017	- Grazing management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Spanish Fork Ranger District proposed travel plan revisions	04/01/2016	- Road management	NA	NA	NA
11041908 - Spanish Fork Ranger District	Tie Fork Beaver Dam Analogs	06/09/2017	- Wildlife, Fish, Rare plants	NA	NA	NA
11041908 - Spanish Fork Ranger District	Vernon Beaver Dam Analogs	06/09/2017	- Wildlife, Fish, Rare plants	PHMA	Y	BDAs put into streams to slow the water down so that it spreads out and makes wider moist areas available for sage-grouse use

11041908 - Spanish Fork Ranger District	Vernon ecosystem restoration	02/06/2017	- Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Fuels management	PHMA	Y	Removing Junipers encroached into sagebrush
11041908 - Spanish Fork Ranger District	Vernon Non-system road closure	05/25/2016	- Recreation management - Wildlife, Fish, Rare plants - Vegetation management (other than forest products) - Road management	PHMA	Y	Closed to Motorized use, Close and reclaim, Administrative use only.
11041908 - Spanish Fork Ranger District	Vernon Water Projects (Little Valley and Range Water)	02/15/2019	- Grazing management	PHMA	Y	Working with ranchers to provide water from troughs to enclosures for wildlife use
11041908 - Spanish Fork Ranger District	West Government Fire - Sage-grouse habitat rehabilitation	12/01/2016	- Wildlife, Fish, Rare plants	PHMA	Y	Removing Junipers encroached into sagebrush

Table 3. Habitat Monitoring and Effectiveness Monitoring (Items B and D)

Measure 1: Current (1a) and Potential (1b) Sagebrush Habitat, through time on NFS Lands (1c)

Availability and Capability of lands using Priority Conservation Area boundaries in ROD as they intersect with FS Lands. Data for EVT and BPS are from Landfire coverages. This table is updated when Landfire coverages are updated and annual updates are not possible.

NFS Region	PAC (FS)	BPS	EVT2012	% of BPS	EVT2013	% of BPS	EVT2014	% of BPS
1	229,555	170,997	149,571	87	149,471	87	149,447	87
2	228,394	218,105	191,215	88	190,721	87	190,712	87
3	NA	NA	NA	NA	NA	NA	NA	NA
4	4,810,089	3,182,794	1,878,528	59	1,871,627	59	1,871,162	59
5	417,036	314,180	239,960	76	239,746	76	239,307	76
6	66,051	33,675	15,989	47	15,989	47	15,989	47
Total	5,751,125	3,919,751	2,475,263	63	2,467,554	63	2,466,617	63

*EVT Landfire Existing Vegetation Type

** BPS BioPhysical Setting Historical Vegetation Landfire

Table 4 –Habitat Availability and Capability (Items B and D)

Forest-scale analysis using Landfire data. R4 forests augmented with additional data (VCMQ), providing greater precision. This table is updated when Landfire coverages are updated, and annual updates are not possible.

Forest Name	Forest Acres	EVT*(2012)	EVT(2013)	EVT(2014)	BPS **	VCMQ# Data` 2016	All HMAs''	Seasonal Habitat~
Ashley	1,378,346	130,150	130,108	130,124	244,779	187,703	225,190	64,753
Beaverhead-Deerlodge	2,591,721	305,603	305,520	305,517	382,709	NA	396,940	93,517
Boise	2,203,798	238,976	186,938	186,395	428,984	195,586	78,339	58,310
Bridger-Teton	3,418,586	340,486	340,398	340,348	480,840	417,326	328,478	84,299
Caribou-Targhee	2,898,454	561,597	560,536	560,417	700,301	486,243	162,193	107,056
Dixie	1,631,933	96,692	96,696	96,689	403,511	238,829	184,754	79,779
Fishlake	1,706,097	192,660	192,623	192,619	677,380	303,915	180,316	78,025
Humboldt-Toiyabe	6,251,647	1,651,683	1,647,557	1,647,193	3,602,417	1,750,410	2,408,935	1,188,903
Manti-La Sal	1,340,213	138,139	138,094	137,908	307,599	131,474	96,617	29,827
Medicine Bow-Routt	2,892,491	619,175	618,338	618,287	771,665	NA	579,848	154,414
Salmon-Challis	4,353,985	793,724	789,896	789,990	1,033,471	663,720	408,797	318,445
Sawtooth	2,110,414	517,968	497,507	497,436	780,513	582,446	514,145	250,800
Uinta-Wasatch-Cache	2,156,644	313,925	312,760	312,400	490,175	213,503	201,564	55,608

*EVT Landfire Existing Vegetation Type

** BPS BioPhysical Setting Historical Vegetation Landfire

#VCMQ Vegetation Classification Mapping and Quantitative Inventory

``Habitat Management Area (Filtered by the Record of Decision HMA for Greater Sage Grouse)

~Preliminary Seasonal Habitat refined area using the VCMQ (Filtered by the Record of Decision Habitat Management Areas)

Table 5. Habitat Degradation 2015-2018: Broad scale estimates of the amount and percent per unit area (Item B, Item D). Underlying map layers used were those revised by BLM in Nevada and Wyoming in 2019. Maps match state of Wyoming Version 4 maps and 2019 state/BLM modeling of habitats in Nevada and may vary from 2015 map versions. Information may change. All data provided by Anthony Titolo, BLM, National Operations Center. See footnotes for detailed information on sources and calculations.

State	BSU ID	BSU Acres	Acres of HMA in BSU			Disturbance Estimate - 2015		Disturbance Estimate - 2016		Disturbance Estimate - 2017		Disturbance Estimate - 2018		Overall Change - 2015 to 2018	
			PHMA	IHMA	PHMA + IHMA	PHMA / IHMA-Acres	PHMA / IHMA- %	PHMA / IHMA-Acres	PHMA / IHMA- %	PHMA / IHMA-Acres	PHMA / IHMA- %	PHMA / IHMA-Acres	PHMA / IHMA- %	Acres	%
Colorado	Meeker/White River - CO	47,606	13,034	0	13,034	148	1.14%	149	1.15%	149	1.15%	152	1.17%	4	0.03%
	Middle Park - CO	262,035	207,983	0	207,983	3,557	1.71%	3,610	1.74%	3,613	1.74%	3,604	1.73%	46	0.02%
	North Eagle/South Routt - CO	148,377	101,260	0	101,260	1,985	1.96%	1,998	1.97%	1,999	1.97%	1,971	1.95%	-14	-0.01%
	North Park - CO	420,865	384,115	0	384,115	6,850	1.78%	6,862	1.79%	6,881	1.79%	6,859	1.79%	9	0.00%
	Northwest Colorado - CO	2,588,324	1,437,377	0	1,437,377	19,830	1.38%	19,917	1.39%	20,040	1.39%	19,776	1.38%	-54	0.00%
	Parachute/Piceance /Roan - CO	364,622	220,215	0	220,215	3,888	1.77%	3,890	1.77%	4,174	1.90%	4,158	1.89%	269	0.12%
Idaho	Idaho Desert Conservation Area - Important	726,862	0	726,862	726,862	5,414	0.74%	5,440	0.75%	5,490	0.76%	5,527	0.76%	113	0.02%
	Idaho Desert Conservation Area - Priority	963,230	963,230	0	963,230	4,555	0.47%	4,560	0.47%	4,556	0.47%	4,513	0.47%	-41	0.00%
	Idaho Mountain Valleys Conservation Area - Important	1,016,488	0	1,016,488	1,016,488	5,898	0.58%	6,149	0.60%	6,240	0.61%	6,242	0.61%	344	0.03%
	Idaho Mountain Valleys Conservation Area - Priority	1,733,249	1,733,249	0	1,733,249	10,754	0.62%	10,894	0.63%	10,922	0.63%	10,923	0.63%	169	0.01%

	Idaho Southern Conservation Area - Important	1,053,553	0	1,053,553	1,053,553	6,147	0.58%	6,176	0.59%	6,191	0.59%	6,193	0.59%	46	0.00%
	Idaho Southern Conservation Area - Priority	784,958	784,958	0	784,958	4,449	0.57%	4,492	0.57%	4,497	0.57%	4,508	0.57%	59	0.01%
	Idaho West Owyhee Conservation Area - Important	570,089	0	570,089	570,089	2,284	0.40%	2,290	0.40%	2,291	0.40%	2,293	0.40%	9	0.00%
	Idaho West Owyhee Conservation Area - Priority	1,656,318	1,656,318	0	1,656,318	3,187	0.19%	3,198	0.19%	3,198	0.19%	3,198	0.19%	11	0.00%
Montana	Dakotas	1,444,236	1,444,125	0	1,444,125	14,895	1.03%	14,949	1.04%	15,234	1.05%	15,115	1.05%	220	0.02%
	Northern Montana	2,369,723	2,369,708	0	2,369,708	14,761	0.62%	14,760	0.62%	14,131	0.60%	14,130	0.60%	-631	-0.03%
	Powder River Basin	78,971	78,970	0	78,970	652	0.83%	654	0.83%	655	0.83%	655	0.83%	4	0.00%
	SW Montana Conservation Area	1,356,953	1,356,953	0	1,356,953	8,073	0.59%	8,145	0.60%	8,281	0.61%	8,306	0.61%	233	0.02%
	Wyoming Basin	310,640	310,640	0	310,640	3,360	1.08%	3,348	1.08%	3,417	1.10%	3,428	1.10%	68	0.02%
	Yellowstone Watershed	5,224,902	5,224,827	0	5,224,827	22,933	0.44%	23,226	0.44%	23,194	0.44%	23,175	0.44%	242	0.00%
	Battle Mountain North	5,530,299	1,526,970	0	1,526,970	8,174	0.54%	9,553	0.63%	9,790	0.64%	9,975	0.65%	1,801	0.12%
Nevada / California	Battle Mountain South	7,408,089	1,579,878	0	1,579,878	6,094	0.39%	6,035	0.38%	6,105	0.39%	6,086	0.39%	-8	0.00%
	Carson City	7,733,558	2,871,651	0	2,871,651	10,041	0.35%	10,085	0.35%	10,086	0.35%	10,086	0.35%	45	0.00%
	Elko East	5,430,947	2,877,665	11	2,877,676	13,578	0.47%	14,136	0.49%	14,146	0.49%	14,228	0.49%	649	0.02%
	Elko West	2,864,208	1,492,470	0	1,492,470	7,187	0.48%	7,442	0.50%	7,618	0.51%	7,624	0.51%	436	0.03%
	Ely	10,116,163	1,523,083	0	1,523,083	9,071	0.60%	10,094	0.66%	9,984	0.66%	9,986	0.66%	915	0.06%
	Winnemucca	1,681,866	806,614	0	806,614	2,833	0.35%	2,849	0.35%	2,849	0.35%	2,849	0.35%	16	0.00%
	Bald Hills	326,404	326,404	0	326,404	3,208	0.98%	3,214	0.98%	3,312	1.01%	3,312	1.01%	104	0.03%
Utah	Box Elder	1,227,447	1,227,447	0	1,227,447	6,869	0.56%	7,100	0.58%	7,098	0.58%	7,096	0.58%	227	0.02%
	Carbon	301,681	259,561	0	259,561	5,660	2.18%	5,725	2.21%	5,718	2.20%	5,717	2.20%	57	0.02%
	Emery	85,568	85,568	0	85,568	665	0.78%	666	0.78%	667	0.78%	666	0.78%	0	0.00%
	Hamlin Valley	143,612	143,612	0	143,612	832	0.58%	832	0.58%	851	0.59%	851	0.59%	18	0.01%
	Ibapah	88,756	88,756	0	88,756	631	0.71%	632	0.71%	633	0.71%	633	0.71%	2	0.00%
	Panguitch	344,074	344,074	0	344,074	4,040	1.17%	4,190	1.22%	4,272	1.24%	4,293	1.25%	253	0.07%
	Parker Mtn	741,775	741,757	0	741,757	6,411	0.86%	6,420	0.87%	6,424	0.87%	6,561	0.88%	151	0.02%
	Rich County	1,016,173	1,016,173	0	1,016,173	10,386	1.02%	10,547	1.04%	10,523	1.04%	10,516	1.03%	130	0.01%
	Sheeprocks	646,947	646,837	0	646,837	6,470	1.00%	6,480	1.00%	6,494	1.00%	6,496	1.00%	27	0.00%

	Strawberry	161,593	161,593	0	161,593	2,633	1.63%	2,650	1.64%	2,661	1.65%	2,635	1.63%	2	0.00%
	Uintah-Diamond Mtn	565,734	565,734	0	565,734	4,959	0.88%	6,727	1.19%	7,220	1.28%	7,415	1.31%	2,456	0.43%
Wyoming	Bear River	18,707	18,665	0	18,665	131	0.70%	131	0.70%	131	0.70%	131	0.70%	0	0.00%
	Blacks Fork	179,430	167,486	0	167,486	1,000	0.60%	998	0.60%	1,016	0.61%	1,016	0.61%	16	0.01%
	Buffalo	357,148	357,148	0	357,148	2,804	0.79%	2,826	0.79%	2,786	0.78%	2,778	0.78%	-26	-0.01%
	Buffalo Connectivity	243,711	243,709	0	243,709	2,609	1.07%	2,893	1.19%	2,922	1.20%	2,804	1.15%	195	0.08%
	Continental Divide	172,263	172,263	0	172,263	717	0.42%	702	0.41%	682	0.40%	672	0.39%	-45	-0.03%
	Daniel	515,661	515,661	0	515,661	3,629	0.70%	4,697	0.91%	4,736	0.92%	4,717	0.91%	1,088	0.21%
	Douglas g	66,894	66,894	0	66,894	650	0.97%	606	0.91%	664	0.99%	688	1.03%	38	0.06%
	Elk Basin East	35,692	35,689	0	35,689	297	0.83%	292	0.82%	318	0.89%	318	0.89%	21	0.06%
	Elk Basin West	10,420	10,409	0	10,409	76	0.73%	71	0.68%	73	0.70%	87	0.84%	11	0.10%
	Fontenelle	254,859	254,859	0	254,859	2,084	0.82%	2,082	0.82%	2,108	0.83%	2,112	0.83%	28	0.01%
	Grass Creek	163,243	154,694	0	154,694	641	0.41%	665	0.43%	663	0.43%	670	0.43%	29	0.02%
	Greater South Pass	4,723,022	4,610,716	0	4,610,716	29,480	0.64%	32,268	0.70%	33,197	0.72%	33,215	0.72%	3,735	0.08%
	Hanna	722,924	722,920	0	722,920	7,292	1.01%	7,281	1.01%	7,240	1.00%	7,240	1.00%	-52	-0.01%
	Heart Mountain	128,126	128,126	0	128,126	553	0.43%	557	0.43%	612	0.48%	615	0.48%	62	0.05%
	Hyattville	143,869	143,869	0	143,869	743	0.52%	775	0.54%	763	0.53%	758	0.53%	15	0.01%
	Jackson	133,292	48,343	0	48,343	340	0.70%	343	0.71%	343	0.71%	343	0.71%	3	0.01%
	Little Mountain	49,153	47,919	0	47,919	286	0.60%	286	0.60%	286	0.60%	286	0.60%	0	0.00%
	Natrona	2,409,477	2,409,472	0	2,409,472	16,294	0.68%	16,336	0.68%	16,318	0.68%	16,327	0.68%	33	0.00%
	Newcastle	109,648	109,648	0	109,648	1,546	1.41%	1,861	1.70%	1,844	1.68%	1,838	1.68%	292	0.27%
	North Gillette	121,799	121,799	0	121,799	1,260	1.03%	1,274	1.05%	1,287	1.06%	1,280	1.05%	19	0.02%
	North Gillette Connectivity	132,023	131,978	0	131,978	1,429	1.08%	1,371	1.04%	1,391	1.05%	1,421	1.08%	-9	-0.01%
	North Glenrock	125,866	125,866	0	125,866	1,052	0.84%	1,085	0.86%	1,109	0.88%	1,146	0.91%	94	0.07%
	North Laramie	204,181	204,181	0	204,181	597	0.29%	597	0.29%	600	0.29%	600	0.29%	3	0.00%
	Oregon Basin	608,769	608,769	0	608,769	7,046	1.16%	7,097	1.17%	7,660	1.26%	8,093	1.33%	1,047	0.17%
	Powder	60,434	60,419	0	60,419	93	0.15%	90	0.15%	86	0.14%	86	0.14%	-7	-0.01%
	Sage	635,067	635,008	0	635,008	6,532	1.03%	6,516	1.03%	6,495	1.02%	6,490	1.02%	-42	-0.01%
	Salt Wells	392,060	392,060	0	392,060	1,907	0.49%	1,883	0.48%	2,103	0.54%	2,100	0.54%	193	0.05%
	Seedskadee	54,711	54,711	0	54,711	871	1.59%	866	1.58%	907	1.66%	911	1.67%	41	0.07%
	Shell	36,396	35,566	0	35,566	99	0.28%	99	0.28%	99	0.28%	99	0.28%	0	0.00%
	South Rawlins	928,057	928,049	0	928,049	7,919	0.85%	8,121	0.88%	8,141	0.88%	8,118	0.87%	199	0.02%
	Thermopolis	24,543	11,954	0	11,954	61	0.51%	61	0.51%	61	0.51%	61	0.51%	0	0.00%
	Thunder Basin	848,444	848,152	0	848,152	8,286	0.98%	8,196	0.97%	8,246	0.97%	8,253	0.97%	-33	0.00%

	Uinta	234,380	233,888	0	233,888	1,278	0.55%	1,279	0.55%	1,293	0.55%	1,298	0.56%	20	0.01%
	Washakie	641,194	641,193	0	641,193	3,247	0.51%	3,259	0.51%	3,265	0.51%	3,271	0.51%	24	0.00%
Grand Total		91,578,420	58,380,886	3,367,003	61,747,889	421,070	0.68%	432,451	0.70%	435,972	0.71%	436,528	0.71%	15,458	0.03%

Analysis Details and Notes:

Source Disturbance Data and Acquisition Date:

All Disturbance -

T:\OC\Wildlife\Projects\2018\GRSG_Disturbance_2018\Data\Threat_Data_Finals\Dist_2018_MSF_int_dis_Merges.gdb\Dist_2018_MSF_int_dis_ALL_Zones_mer Energy (Oil & Gas) Wells - IHS, AFMSS extracts. August - November 2015 & September - October 2016 & September 2017 & September-October 2018.

Energy (Oil & Gas) Power Plants - Platts. September 2015 & September 2016 & September 2017 & August 2018. Energy (Coal) Mines - BLM, USFS, OSM. August - September 2015 & August 2016 & November 2017 & September 2018. Energy (Coal) Power Plants - Platts. September 2015 & September 2016 & September 2017 & August 2018.

Energy (Wind) Wind Turbines - FAA. September 2015 & August 2016 & September 2017, August 2018. Energy (Wind) Power Plants - Platts. September 2015 & September 2016 & September 2017 & August 2018. Energy (Solar) Fields/Power Plants - Platts. September 2015 & September 2016 & September 2017 & August 2018. Energy (Geothermal) Wells - IHS extract. September 2015 & September 2016 & September 2017 & August 2018. Energy (Geothermal) Power Plants - Platts. September 2015 & September 2016 & September 2017 & August 2018. Mining Locatable Developments - InfoMine Active Producers. September 2015 & August 2016 & October 2017 & September 2018.

Infrastructure (Roads) Surface Streets (Minor Roads) - ESRI StreetMap. September 2015 & September 2016 & April 2017 & June 2018.

Infrastructure (Roads) Major Roads - ESRI StreetMap. September 2015 & September 2016 & April 2017 & June 2018.

Infrastructure (Roads) Interstate Highways - ESRI StreetMap. September 2015 & September 2016 & April 2017 & June 2018. Infrastructure (Power Lines) 1 - 199 kV Lines - Platts. September 2015 & September 2016 & September 2017 & August 2018. Infrastructure (Power Lines) 200 - 399 kV Lines - Platts. September 2015 & September 2016 & September 2017 & August 2018. Infrastructure (Power Lines) 400 - 699 kV Lines - Platts. September 2015 & September 2016 & September 2017 & August 2018. Infrastructure (Power Lines) 700+ kV Lines - Platts. September 2015 & September 2016 & September 2017 & August 2018.

Infrastructure (Communication Towers) - FCC. August 2015 & September 2016 & September 2017 & August 2018. Infrastructure (Other Vertical Structures) - FAA. September 2015 & August 2016 & September 2017 & August 2018.

Source Summary: Biologically Significant Units (BSU): Provided by each Plan/EIS between Nov 2015 - Apr 2019. Priority & Important Habitat Management Areas (PHMA & IHMA): Provided by each Plan/EIS between 2015 - Apr 2019

For all areas where PHMA and/or BSU delineations changed via the 2019 Records of Decision, all previous year's data was reanalyzed using the updated information. All analyses performed with the following datum, coordinate system and projection:

Geographic Coordinate System: GCS_North_American_1983 Datum: D_North_American_1983 Projected Coordinate System: NAD_1983_Albers Projection: Albers

Table 6a. Population Monitoring (Item C)

Data collected and reported by state wildlife agencies. Contact individual states for additional information.

	GRSG Male Bird Counts on Leks					
	2014	2015	2016	2017	2018	2019
Colorado [#]	3147	4097	2,245	3904		
Idaho [*]	4916	5379	6254	5288	4107	3081
Nevada [^]	9,063	12,551	13,366	11,027	9,184	7,098
Montana ^{**}	31,625	51,797	77,787	72,106	59,951	43,887
Utah ^{^^}	4,851	5,783	5,672	4,423	3883	2268
Wyoming ^{***}	20,216	36,542	43,299	36,567	29,716	21,605

[#]Northwest Colorado and North Park males counted on leks

^{*}Total males on lek counts for habitat management areas in Idaho; Sage-grouse Population Triggers Analysis, Ann Moser, August 30, 2019

[^] Number of males counted, statewide summary. From Nevada Department of Wildlife, Nevada Sage-grouse Conservation project, Final Performance Report, September 2019

^{**} Estimated greater sage-grouse population in Montana; From Montana Fish, Wildlife, and Parks; Montana Greater Sage-grouse Population Report, September 3, 2019

^{^^} Total male grouse counted on strutting grounds

^{***} Wyoming male counts on leks (leks containing > 1male); Data supplied by Nyssa Whitford

Figure 6a. Male Lek Attendance trends, Idaho, 1996-2019.

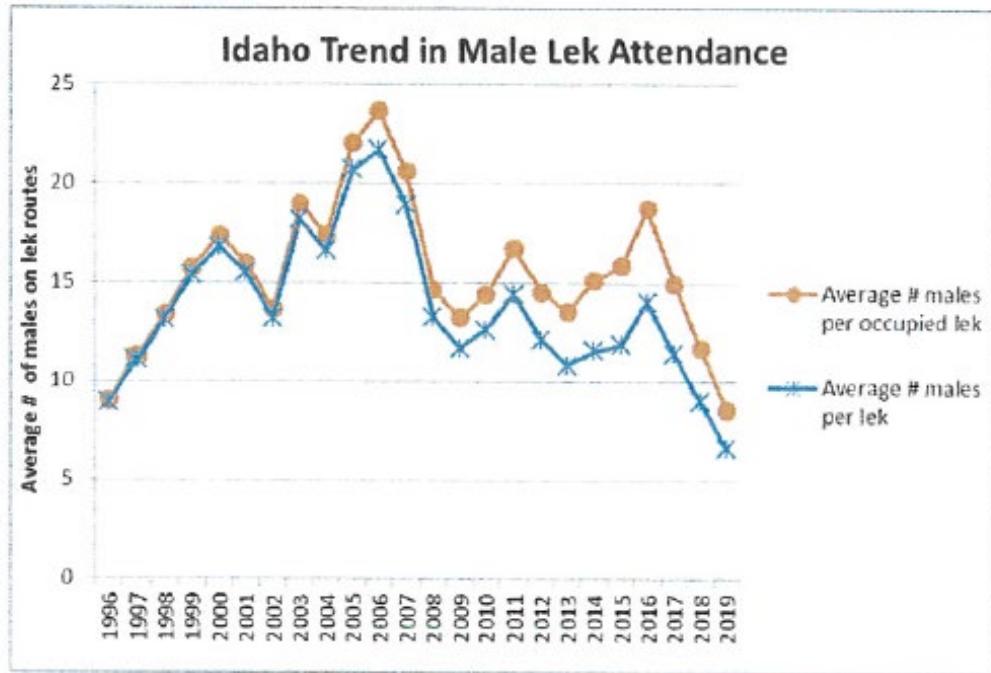


Figure 6b. Male sage-grouse trends, Nevada, 2000-2019.

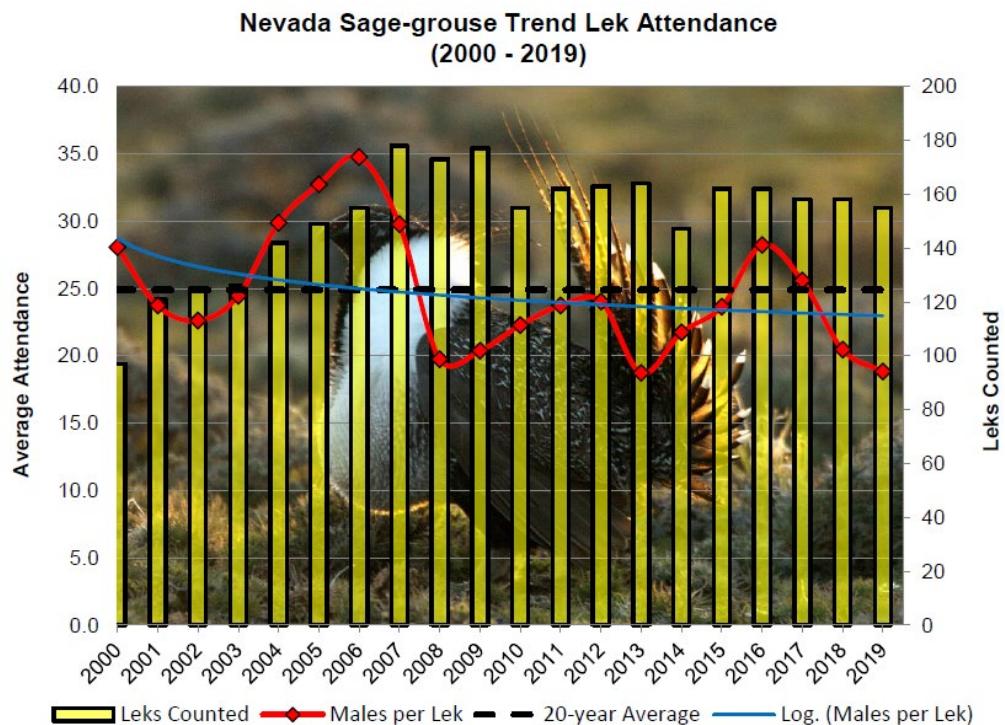


Figure 6c. Male sage-grouse trends, Utah, 2000-2019.

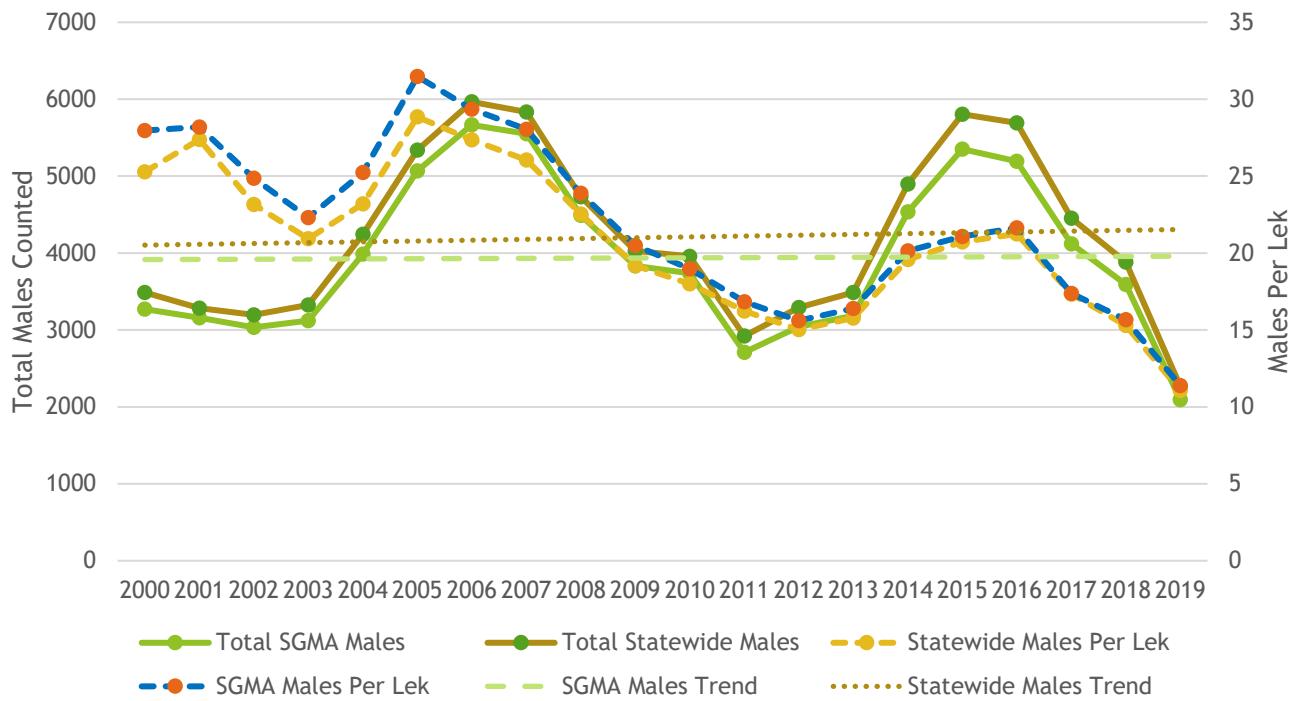


Figure 6d. Male lek attendance trends, Wyoming, 1996-2019

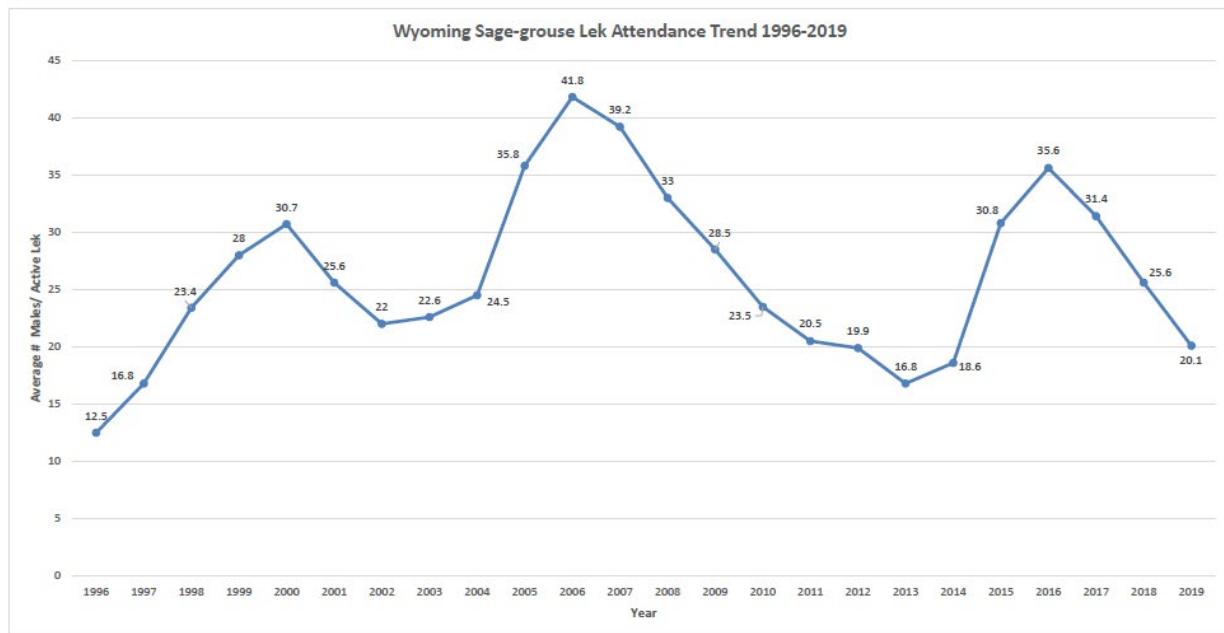


Table 7. Effectiveness Monitoring (Item D)

Estimated Broad Scale Habitat Monitoring Trend (EVT) through time (derived from Table 3). This table is updated when Landfire coverages are updated and cannot be updated every year.

Forest Name	EVT*(2012)	EVT(2013)	1-Year Trend	EVT(2014)	1-Year Trend
Ashley	130,150	130,108	-42	130,124	16
Boise	238,976	186,938	-52,038	186,395	-543
Beaverhead Deerlodge	305,603	305,520	-83	305,517	-3
Bridger-Teton	340,486	340,398	-88	340,348	-50
Caribou-Targhee	561,597	560,536	-1,061	560,417	-119
Dixie	96,692	96,696	4	96,689	-7
Fishlake	192,660	192,623	-37	192,619	-4
Humboldt-Toiyabe	1,651,683	1,647,557	-4,126	1,647,193	-364
Manti-La Sal	138,139	138,094	-45	137,908	-186
Medicine Bow-Routt	619,175	618,338	-837	618,287	-51
Salmon-Challis	793,724	789,896	-3,828	789,990	94
Sawtooth	517,968	497,507	-20,461	497,436	-71
Uinta-Wasatch-Cache	313,925	312,760	-1,165	312,400	-360
		Trend Totals	-83,807		-1,648

Appendices: Auxiliary Sage-Grouse Related Information

Appendix A. Sage-Grouse Habitat Improvement (approximate acres and projects, pending revision), Fiscal Years 2016-2019
Habitat Improvements Benefiting Sage-Grouse on National Forest System Lands, as summarized from the Watershed Improvement Tracking database.

NATIONAL FOREST SYSTEM UNIT	ACTIVITY	FUNDING	DATE ACCOMPLISHED	AMOUNT	UNITS
BEAVERHEAD-DEERLODGE NATIONAL FOREST	2017 Trapper Unit 16B Cut	\$11,550	10/10/17	77	Acres
BEAVERHEAD-DEERLODGE NATIONAL FOREST	010202 Canyon Creek Weeds Aerial	\$10,800	10/27/17	216	Acres
BEAVERHEAD-DEERLODGE NATIONAL FOREST	010202 Cattle Gulch Weeds Aerial	\$8,000	10/27/17	201	Acres
BEAVERHEAD-DEERLODGE NATIONAL FOREST	010202 Dry Gulch Weeds Spray	\$4,320	10/27/17	108	Acres
BEAVERHEAD-DEERLODGE NATIONAL FOREST	2018 Trapper Unit 4 Broadcast	\$29,750	5/15/18	238	Acres
	B-D FOREST/ REGION 1 SUBTOTAL	\$64,420		840	ACRES
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_MileMarker35_00001	\$18,738	9/30/16	38	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Downs Lek Mowing	\$1,400	2/15/17	3124	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Spring Creek_ConiferRemoval	\$3,360	3/15/17	169.67	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Spring Creek Weed Spraying	\$7,709	6/25/17	1365.92	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	Spring Creek Fence Clips	\$3,200	7/25/17	5486.46	Acres

MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Brown Reservoir Fence Clips	\$1,500	8/15/17	1166.15	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_SagebrushPlantMM35_00001		4/26/18	15.3	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Escape Ramp02_TBNG	\$100	8/1/18	1	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Escape Ramp04_TBNG	\$100	8/1/18	1	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Escape Ramp05_TBNG	\$100	8/1/18	1	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Escape Ramp06_TBNG	\$100	8/1/18	1	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Escape Ramp07_TBNG	\$100	8/1/18	1	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020609_Escape Ramp08_TBNG	\$100	8/1/18	1	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	Escape Ramp01_TBNG_StockTank		8/1/18	1	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020602_2018CheatgrassPoly1_0001		9/14/18	55	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020602_2018CheatgrassPoly2_0001		9/14/18	11	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020602_2018CheatgrassPoly3_0001		9/14/18	17	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020602_2018CheatgrassPoly4_0001		9/14/18	22	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020602_2018CheatgrassPoly5_0001		9/14/18	20	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020602_2018CheatgrassPoly6_0001		9/14/18	34	Acres
MEDICINE BOW-ROUTT NATIONAL FOREST	020602_2018CheatgrassPoly7_0001		9/14/18	48	Acres
MB-R FOREST SUBTOTAL		\$36,507		11579.5	ACRES

	REGION 2 SUBTOTAL	\$100,927		12419.5	ACRES
ASHLEY NATIONAL FOREST	2016 Diamond Mountain Sage-Grouse		7/20/16	563	Acres
ASHLEY NATIONAL FOREST	040104AnthroMtnRxBurns		10/16/16	1122	Acres
ASHLEY NATIONAL FOREST	040104		6/1/17	1080	Acres
ASHLEY NATIONAL FOREST	DiamondMtnDivisionFenceMarkers	\$700	7/16/17	53	Acres
ASHLEY NATIONAL FOREST	DiamondMtnFenceMarkers	\$3,000	7/16/17	314.64	Acres
ASHLEY NATIONAL FOREST	040102AMSETSGrouse2017		9/1/17	1978	Acres
ASHLEY NATIONAL FOREST	040104 - Anthro Lop Scatter		7/10/18	324	Acres
ASHLEY NATIONAL FOREST	Anthro Lop and Scatter 2018		7/10/18	364	Acres
ASHLEY NATIONAL FOREST	SageBurnL&S2019		6/1/19	1015	Acres
ASHLEY NATIONAL FOREST	040101_BMSC_LS	\$187,400	6/30/19	1873	Acres
ASHLEY NATIONAL FOREST	040104SUGuzzlers2019		7/1/19	1351	Acres
ASHLEY NATIONAL FOREST	Antelope Flat Fence Markers		7/19/19	174	Acres
ASHLEY NATIONAL FOREST	040119WeedsTreatments2	\$82,000	9/30/19	2750	Acres
	ASHLEY FOREST SUBTOTAL	\$273,100		12961.64	ACRES
BOISE NATIONAL FOREST	040201-SageGrsHabImprove		6/30/16	731	Acres
BOISE NATIONAL FOREST	040201-SageGrsHabImprv2016		6/30/16	69	Acres
BOISE NATIONAL FOREST	040201-NoxiousWeeds2016_A		9/30/16	1236	Acres
BOISE NATIONAL FOREST	040201 2017 Noxious Weeds		7/25/17	1473	Acres
BOISE NATIONAL FOREST	040201_NoxiousWeeds2018		9/26/18	2340	Acres
	BOISE FOREST SUBTOTAL	\$0		5849	ACRES
BRIDGER-TETON NATIONAL FOREST	040304-South Fall Cr RX		4/18/16	298	Acres
BRIDGER-TETON NATIONAL FOREST	040304-East Miners Fence Rem. #2		7/16/16	245	Acres
BRIDGER-TETON NATIONAL FOREST	040304-East Miners Fence Reml #1		7/16/16	335	Acres
BRIDGER-TETON NATIONAL FOREST	040304-Cottonwood Spur Removal AZ		8/23/16	2875	Acres
BRIDGER-TETON NATIONAL FOREST	2016 Breakneck Flat Rd Oliterat	\$6,000	8/23/16	4350	Acres
BRIDGER-TETON NATIONAL FOREST	040302-WagonCreekWetland		9/12/16	1	Acres
BRIDGER-TETON NATIONAL FOREST	040302-FishermanCreekFence		9/22/16	40	Acres
BRIDGER-TETON NATIONAL FOREST	040302-SageGrouseFenceTags		9/30/16	1056	Acres

BRIDGER-TETON NATIONAL FOREST	040306-Buffalo Valley Fence Remove	\$1,150	8/1/17	123.58	Acres
BRIDGER-TETON NATIONAL FOREST	040307 Cheatgrass Trtmt Study 2017		8/1/17	20	Acres
BRIDGER-TETON NATIONAL FOREST	040304-Sheep Creek Spur Decom 2017		8/3/17	401.7	Acres
BRIDGER-TETON NATIONAL FOREST	040304-Dry Cottonwood Decom 2017		8/5/17	159.1	Acres
BRIDGER-TETON NATIONAL FOREST	040304-Crystal Crk Fence Rem 2017	\$1,150	9/1/17	117.26	Acres
BRIDGER-TETON NATIONAL FOREST	040304-Crystal Crk fence 2017		9/1/17	130.14	Acres
BRIDGER-TETON NATIONAL FOREST	040304-Game Crk Fence 2017		9/1/17	106.1	Acres
BRIDGER-TETON NATIONAL FOREST	040306-Toppings area road decom		9/1/17	2739.81	Acres
BRIDGER-TETON NATIONAL FOREST	0403-SageGrouse_WeedTrt_2017		9/30/17	57	Acres
BRIDGER-TETON NATIONAL FOREST	040304-Dew Place Rx		10/10/17	0.5	Acres
BRIDGER-TETON NATIONAL FOREST	0403-SageGrouse_WeedTrt_2018		9/15/18	918	Acres
BRIDGER-TETON NATIONAL FOREST	040307 Cheatgrass Trtmt Study 2018		9/15/18	20	Acres
BRIDGER-TETON NATIONAL FOREST	0403 SageGrouse Weed Trt 2019		9/15/19	9513	Acres
BRIDGER-TETON NATIONAL FOREST	040307 Cheatgrass Trtmt Study 2019		9/15/19	100	Acres
BRIDGER-TETON NATIONAL FOREST	0403 Fence Removal 2019		9/28/19	496	Acres
BRIDGER-TETON NATIONAL FOREST	040304-South Fall Cr RX		4/18/16	2.5	Miles
BRIDGER-TETON NATIONAL FOREST	040304-Cottonwood Spur Removal AZ		8/23/16	1	Miles
BRIDGER-TETON NATIONAL FOREST	2016 Breakneck Flat Rd Oliterat	\$6,000	8/23/16	2.55	Miles
	B-T FOREST SUBTOTAL	\$8,300		24102.19	ACRES
	B-T FOREST SUBTOTAL	\$6,000		6.05	MILES
DIXIE NATIONAL FOREST	0407 D3 Johns Valley GRSG	\$180,000	9/1/16	4513	Acres
DIXIE NATIONAL FOREST	0407 D3 Johns Valley WL Contract	\$83,000	9/1/16	1663	Acres
DIXIE NATIONAL FOREST	040703 Snake springs pond		8/30/17	2008	Acres
DIXIE NATIONAL FOREST	040703 Johns valley harrow		9/29/17	709	Acres
DIXIE NATIONAL FOREST	040703 Prospect Harrow		11/15/17	991	Acres
DIXIE NATIONAL FOREST	040703 Prospect Seeding		11/15/17	991	Acres
DIXIE NATIONAL FOREST	R4F7D2_Brian Head Wildlife Seeding	\$234,560	8/1/18	6143	Acres
DIXIE NATIONAL FOREST	040703 - Mud Springs Mastication19	\$107,160	3/1/19	896	Acres
DIXIE NATIONAL FOREST	40703 - Mud Springs Lop scatter 19	\$554,760	3/1/19	7165	Acres
	DIXIE FOREST SUBTOTAL	\$1,159,480		25079	ACRES

FISHLAKE NATIONAL FOREST	040802-2017MytogeSGHabImprovement	\$315,733	9/30/17	7969	Acres
FISHLAKE NATIONAL FOREST	244BluePeakGuzzler	\$15,500	6/23/18	1100	Acres
FISHLAKE NATIONAL FOREST	244WoodHollowGuzler	\$15,500	6/23/18	1100	Acres
FISHLAKE NATIONAL FOREST	040802-2018MytogeSGHabImprovement	\$196,851	9/30/18	5637	Acres
FISHLAKE NATIONAL FOREST	040802-2019MytogeSGHabImprovement	\$187,161	5/30/19	3983	Acres
FISHLAKE FOREST SUBTOTAL		\$730,745		19789	ACRES
MANTI-LASAL NATIONAL FOREST	041002-2016 Swasey 7 Habitat	\$86,100	8/1/16	1	Acres
MANTI-LASAL NATIONAL FOREST	041002- 2017 South Horn Habitat	\$20,000	8/25/17	663.49	Acres
MANTI-LASAL NATIONAL FOREST	041002- 2018 South Horn GRSG	\$71,500	8/1/18	501.74	Acres
M-L FOREST SUBTOTAL		\$177,600		1166.23	ACRES
SALMON-CHALLIS NATIONAL FOREST	041302_2016_SZSageGrouseWeeds1	\$56,704	8/18/16	493	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2016_SZSageGrouseWeeds7	\$28,160	8/18/16	220	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2016_SZSageGrouseWeeds2	\$94,720	8/18/16	740	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2016_SZSageGrouseWeeds3	\$57,600	8/18/16	450	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2016_SZSageGrouseWeeds4	\$1,024	8/18/16	8	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2016_SZSageGrouseWeeds5	\$26,752	8/18/16	209	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2016_SZSageGrouseWeeds6	\$26,880	8/18/16	210	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2016_DaughteryWildlifeRamp	\$150	8/22/16	10	Acres
SALMON-CHALLIS NATIONAL FOREST	041308_2016_LeeCrConiferRemoval	\$28,913	9/7/16	317	Acres
SALMON-CHALLIS NATIONAL FOREST	041308_2016_LeeCreekConiferRemoval	\$29,000	9/30/16	100	Acres
SALMON-CHALLIS NATIONAL FOREST	041301_2017_SalmonArealnvPlantTrt	\$28,032	7/26/17	12	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2017_BigHillFuelReduction	\$279,120	8/1/17	499	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2017_GrousePeakVegMgmt	\$49,345	8/1/17	71	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2017_MammothRdDecomEntrnce		8/7/17	528	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2017_LostRiverRgInvPlantTrt	\$50,816	8/14/17	102	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2017_LRRDSawmillInvPlantTrt	\$71,808	8/17/17	52	Acres
SALMON-CHALLIS NATIONAL FOREST	041308_2017_LeadoreRDInvPlantTrt	\$40,576	8/23/17	228	Acres

SALMON-CHALLIS NATIONAL FOREST	041308_2017_LeeCreekConiferRemoval		8/27/17	18	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2017_BigLostRivInvPlantTrt	\$80,768	9/6/17	312	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2017_CYFLemhiRgInvPlantTrt	\$56,448	9/13/17	69	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2017_CYFWestAreaInvPlantTrt	\$158,720	9/14/17	152	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2017_WhiteKnobRxBurn	\$28,350	9/30/17	189	Acres
SALMON-CHALLIS NATIONAL FOREST	041308_2018_LeeCrConifFallPileBurn	\$66,900	10/7/17	162	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2018_HerdCrAllotmentClosure	\$10,000	12/11/17	31421	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2018_InvasivePlantTrtCYFRD	\$225,800	9/4/18	277	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2018_InvasivePlantTrtmtLRRD	\$97,300	9/18/18	324	Acres
SALMON-CHALLIS NATIONAL FOREST	041301_2018_InvasivePlantTrtmtSCRD	\$112,100	9/27/18	39	Acres
SALMON-CHALLIS NATIONAL FOREST	041308_2019_LeeCreekConiferRemoval	\$13,700	9/9/19	135	Acres
SALMON-CHALLIS NATIONAL FOREST	041302_2019_CYRDInvasivePlantTrtmt	\$147,200	9/12/19	146	Acres
SALMON-CHALLIS NATIONAL FOREST	041304_2019_LRRDInvasivePlantTrtmt	\$16,256	9/23/19	118	Acres
SALMON-CHALLIS NATIONAL FOREST	041301_2017_SalmonArealInvPlantTrt	\$28,032	7/26/17	1	Miles
SALMON-CHALLIS NATIONAL FOREST	041304_2017_LostRiverRgInvPlantTrt	\$50,816	8/14/17	5.7	Miles
SALMON-CHALLIS NATIONAL FOREST	041304_2017_LRRDSawmillInvPlantTrt	\$71,808	8/17/17	5.9	Miles
SALMON-CHALLIS NATIONAL FOREST	041308_2017_LeadoreRDInvPlantTrt	\$40,576	8/23/17	2.9	Miles
SALMON-CHALLIS NATIONAL FOREST	041304_2017_BigLostRivInvPlantTrt	\$80,768	9/6/17	4.9	Miles
SALMON-CHALLIS NATIONAL FOREST	041302_2017_CYFLemhiRgInvPlantTrt	\$56,448	9/13/17	6.8	Miles
SALMON-CHALLIS NATIONAL FOREST	041302_2017_CYFWestAreaInvPlantTrt	\$158,720	9/14/17	27.3	Miles
SALMON-CHALLIS NATIONAL FOREST	041302_2018_InvasivePlantTrtCYFRD	\$225,800	9/4/18	27.2	Miles
SALMON-CHALLIS NATIONAL FOREST	041304_2018_InvasivePlantTrtmtLRRD	\$97,300	9/18/18	12.3	Miles
SALMON-CHALLIS NATIONAL FOREST	041301_2018_InvasivePlantTrtmtSCRD	\$112,100	9/27/18	9.3	Miles
SALMON-CHALLIS NATIONAL FOREST	041302_2019_CYRDInvasivePlantTrtmt	\$147,200	9/12/19	31.2	Miles
SALMON-CHALLIS NATIONAL FOREST	041304_2019_LRRDInvasivePlantTrtmt	\$16,256	9/23/19	1.7	Miles
	S-C FOREST SUBTOTAL	\$1,883,142		37611	ACRES
	S-C FOREST SUBTOTAL	\$1,057,792		136.2	MILES
SAWTOOTH NATIONAL FOREST	041405-2016TroughEgressRmp		7/15/16	100	Acres
SAWTOOTH NATIONAL FOREST	041404-2016SVFence Removal		7/31/16	915	Acres
SAWTOOTH NATIONAL FOREST	041405-2016DittoFlatRngFncMark		7/31/16	800	Acres

SAWTOOTH NATIONAL FOREST	041401-2016TroughEgressRmp		8/1/16	800	Acres
SAWTOOTH NATIONAL FOREST	041401-2016BlackPnShrbPlant		8/31/16	800	Acres
SAWTOOTH NATIONAL FOREST	041401-2016GooseCrFncMarking		8/31/16	1920	Acres
SAWTOOTH NATIONAL FOREST	041401-2016LowTroutCrPstrExclMtc		8/31/16	804	Acres
SAWTOOTH NATIONAL FOREST	041401-2016WLGuzzlerMtc		8/31/16	9225	Acres
SAWTOOTH NATIONAL FOREST	041405-2016WardropExclosure		8/31/16	5	Acres
SAWTOOTH NATIONAL FOREST	041401-2016CassiaRipExclrMtc		9/15/16	230	Acres
SAWTOOTH NATIONAL FOREST	041401-2016LynBenchJunip		9/30/16	2300	Acres
SAWTOOTH NATIONAL FOREST	041401-2016NECassiaJunipEncr		9/30/16	750	Acres
SAWTOOTH NATIONAL FOREST	041401-2017LynBenchSeeding	\$25,810	10/31/16	800	Acres
SAWTOOTH NATIONAL FOREST	041401-2017BlackPineShrubPlanting	\$12,500	5/31/17	1000	Acres
SAWTOOTH NATIONAL FOREST	041401-2017LynBenchJuniper		5/31/17	2610	Acres
SAWTOOTH NATIONAL FOREST	041401-Cas-IDFGGates-BigHollow		7/30/17	1875	Acres
SAWTOOTH NATIONAL FOREST	041401-Cas-IDFGGates-EFDryCr		7/30/17	900	Acres
SAWTOOTH NATIONAL FOREST	041401-Cas-IDFGGates-TroutCr		7/30/17	930	Acres
SAWTOOTH NATIONAL FOREST	041401-2017NSRRehab	\$6,500	9/15/17	1726	Acres
SAWTOOTH NATIONAL FOREST	041401-2017RiparianExclMtc	\$6,200	9/30/17	980	Acres
SAWTOOTH NATIONAL FOREST	041401-NECassiaJunprEncrMtc		9/30/17	281	Acres
SAWTOOTH NATIONAL FOREST	041404-2018ConifEncrTmt-SRS	\$5,000	7/31/18	50	Acres
SAWTOOTH NATIONAL FOREST	041401-2018NSRCassia-1		8/16/18	496	Acres
SAWTOOTH NATIONAL FOREST	041401-2018NSRCassia-2		8/16/18	4568	Acres
SAWTOOTH NATIONAL FOREST	041401-2018NSRCassia-3		8/16/18	1750	Acres
SAWTOOTH NATIONAL FOREST	041404-2018InvasiveWeedTmt-SNRA	\$21,030	9/10/18	1917	Acres
SAWTOOTH NATIONAL FOREST	041401-2018Dry-ValleyFenceRemoval	\$1,250	9/15/18	210	Acres
SAWTOOTH NATIONAL FOREST	041405-2018InvasiveWeedTmt-FRD		9/15/18	2250	Acres
SAWTOOTH NATIONAL FOREST	041401-2018InvasiveWeedTmt-MRD		9/30/18	5715	Acres
SAWTOOTH NATIONAL FOREST	041403-2018InvasiveWeedTmt-KRD		9/30/18	2570	Acres
SAWTOOTH NATIONAL FOREST	041401_Black_pine_shrub_planting	\$13,000	11/20/18	480	Acres
SAWTOOTH NATIONAL FOREST	041401Goose Creek Hand Cut_2997 ac		8/30/19	3000	Acres
SAWTOOTH NATIONAL FOREST	041401-2016LowTroutCrPstrExclMtc		8/31/16	3.5	Miles

SAWTOOTH NATIONAL FOREST	041405-2016WardropExclosure		8/31/16	0.33	Miles
SAWTOOTH NATIONAL FOREST	041401-2016CassiaRipExclrMtc		9/15/16	1	Miles
SAWTOOTH NATIONAL FOREST	041401-Cas-IDFGGates-EFDryCr		7/30/17	4.5	Miles
SAWTOOTH NATIONAL FOREST	041401-Cas-IDFGGates-TroutCr		7/30/17	2.6	Miles
SAWTOOTH NATIONAL FOREST	041401-2017NSRRehab	\$6,500	9/15/17	2	Miles
SAWTOOTH NATIONAL FOREST	041401-2018NSRCassia-1		8/16/18	1	Miles
SAWTOOTH NATIONAL FOREST	041401-2018NSRCassia-2		8/16/18	7	Miles
SAWTOOTH NATIONAL FOREST	041401-2018NSRCassia-3		8/16/18	1	Miles
	SAWTOOTH FOREST SUBTOTAL	\$91,290		49277	ACRES
	SAWTOOTH FOREST SUBTOTAL	\$6,500		22.93	MILES
CARIBOU-TARGHEE NATIONAL FOREST	041557-SheepCrkGrsgInvasiveWeedPrj	\$7,000	7/15/16	1500	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041551 Sagebrush Conifer Removal		9/30/16	287.86	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041554_Willow_Springs_2017	\$16,871	6/23/17	339	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041557-CurlewSageGrouseFenceMark17	\$8,000	9/29/17	21861	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041554_Grouse_Fence_Markers_2017		9/30/17	7595	Acres
CARIBOU-TARGHEE NATIONAL FOREST	Conifer Removal in Sagebrush Stepp		9/30/17	767	Acres
CARIBOU-TARGHEE NATIONAL FOREST	Install Fence Markers for GRSG		9/30/17	4166	Acres
CARIBOU-TARGHEE NATIONAL FOREST	Spring Exclosure Fences for GRSG		9/30/17	5	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041555-Caribou Fence Marking 2018		8/15/18	603	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041557_CurlewSageGrouseFenceMark18	\$8,000	8/25/18	21804	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041554_FallCrkBasin_JunipRemov2018		9/30/18	413.26	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041554_GrouseFenceMark_FallCrk2018		9/30/18	400	Acres
CARIBOU-TARGHEE NATIONAL FOREST	Remove Conifer From Sagebrush Step		9/30/18	1224	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041557_SageGrouseFenceMarkingFY19		6/12/19	3117	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041557-Curlew-RockCr-Restore2019-2		8/1/19	182	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041557-Curlew-RockCr-Restore2019-3		8/1/19	161	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041557-CurlewRockCrRestore2019-1		8/1/19	204	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041551-2019 Buckboard Gulch GRSG		9/30/19	387	Acres
CARIBOU-TARGHEE NATIONAL FOREST	041554_GrouseFenceMark_FallCrk2019		9/30/19	2500	Acres

CARIBOU-TARGHEE NATIONAL FOREST	041557-Sweeten Invasive Tree Remov		10/30/16	2	Miles
CARIBOU-TARGHEE NATIONAL FOREST	041557-Curlew-RockCr-Restore2019-2		8/1/19	0.5	Miles
CARIBOU-TARGHEE NATIONAL FOREST	041557-Curlew-RockCr-Restore2019-3		8/1/19	0.5	Miles
CARIBOU-TARGHEE NATIONAL FOREST	041557-CurlewRockCrRestore2019-1		8/1/19	0.5	Miles
	C-T FOREST SUBTOTAL	\$39,871		67516.12	ACRES
	C-T FOREST SUBTOTAL	\$0		3.5	MILES
HUMBOLDT-TOIYABE NATIONAL FOREST	McGinness Hills - Unit 4	\$11,387	4/22/16	193.45	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	McGinness Hills - Unit 9	\$65,145	4/22/16	832.32	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0417 Ely RD Biochar 2016 HABAZ	\$75,000	8/1/16	171	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0417 Ely RD PJ Cutting 2016 HABAZ	\$143,140	8/1/16	2105	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0417 PJ Cuttin Ely RD 2016 HABAZ		8/1/16	1292	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0417 RMEF/NDOW Ely RD 2016 HABAZ	\$27,500	8/1/16	275	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	Danville Creek 1, Units 1-13		8/1/16	717	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0417 Chaining Ely HABAZ	\$13,860	9/1/16	158	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041707-Overland Pass-Phase 1		9/1/16	3654	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710-coldsprings-stocks ck	\$8,000	9/1/16	14	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710-Cold-Springs-2-meadow3		9/15/16	13.1	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710-cold springs 3b	\$1,000	9/16/16	3.03	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710-coldsprings 4c		9/25/16	1.1	Acres

HUMBOLDT-TOIYABE NATIONAL FOREST	041710-coldsprings_4b		9/25/16	2.5	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041706-Merrit Fence Hab AZ		9/28/16	7001	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041701-MonitorPassPJ_FY2016	\$24,000	9/30/16	1000	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702-ChinaCampExclosure FY2016		9/30/16	20	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702-EastWalkerBEast_PJ FY2016		9/30/16	877	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702-EastWalkerD_PJ FY2016	\$25,630	9/30/16	401	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702-EastWalkerPJ_B_C_ForceAcct		9/30/16	1066	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702-FourMilePJ FY2016		9/30/16	3368	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702-RosaschiField FY16	\$7,000	9/30/16	74	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041706-Mountain City FenceMarking1		9/30/16	6516	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 A-T HangingMeadowsExcl 2017		10/12/16	44	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 FY2017 Fire Crew	\$12,000	11/1/16	312	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710 BlackRideAboveLPond2017		11/18/16	0.2	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710 BlackRidgeAboveSecondDam 17		11/18/16	0.02	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710 BlackRidgeMeadowA 2017		11/18/16	2	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710 BlackRidgeRoadStructure2017		11/18/16	1	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710 BlackRidgeWestMeadow2017		11/18/16	1.14	Acres

HUMBOLDT-TOIYABE NATIONAL FOREST	041710-black ridge bow meadow		11/18/16	1	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702 BSSG EtWalkerUnitE_PJ_2017	\$116,106	2/1/17	3138	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702RoughCreekPJRemovalUnit52017	\$8,400	2/1/17	49	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702RoughCreekUnit4PJRemoval2017	\$8,400	2/1/17	26	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041709 CurrantEllisonPJRemoval2017	\$111,013	5/1/17	2114.51	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041709 MoriahChainingPJRemoval2017	\$38,000	5/1/17	462.69	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041701 - Monitor Pass PJ_Unit2_FY2		6/15/17	1050	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 Horse Cyn1&2 Danville 3 PJ	\$42,217	6/15/17	1368	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 McGinness Hills Unit 10	\$45,000	6/23/17	492	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 McGinness Hills Unit 6	\$10,000	6/23/17	185	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 Danville 2 PJRemoval 2017	\$62,000	7/10/17	733	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 McGinness Hills Unit 7 & 15	\$44,000	8/15/17	718	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041706_2017_MC_NCC_FenceMarking	\$8,000	8/27/17	20649	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041706_MtCityFenceRemoval 2017	\$3,000	8/27/17	5192	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702 SweetwaterNCCPJ 2017		9/1/17	37	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702 SweetwaterVolunteerPJ2017		9/25/17	325	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0417 Weed Trmt Hab Improve 2017		9/30/17	5570	Acres

HUMBOLDT-TOIYABE NATIONAL FOREST	041709 CESpringExclosures2017	\$130,830	9/30/17	17.46	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710_2017_MullinexFenceRemoval	\$6,000	9/30/17	10698	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710_2017_SRFenceMarking	\$8,000	9/30/17	40577	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710_long_valley_mdw_colspigns	\$110,000	9/30/17	54	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 Danville Fence Removal		10/21/17	67	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703 FenceMarking_FY2018		10/21/17	0.96	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710-HollowayMeadowRepair_FY2018	\$16,000	10/24/17	20	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702 FourMileHillPJRemoval2017	\$64,011	10/31/17	3369	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702 RoughCreek1_PJRemoval2018	\$53,390	6/1/18	1553	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702 RoughCreek2 PJRemoval2018		6/1/18	1342	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041702 RoughCreek3 PJ Removal 2018		6/1/18	1501	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703_McGinnessPJUnits7_15_FY2018		6/1/18	718	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703_McGinnessPJ_5_8_33_34_FY18		6/1/18	850	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703_PascoPJContract_FY2018		6/1/18	276	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041703_ToiyabeBenchPJ_FY2018		6/1/18	2657	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041709-SagebrushHabitatRest_FY18	\$175,000	6/1/18	3905	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041709-CE_RiparianExclosures_FY18	\$120,000	7/30/18	13	Acres

HUMBOLDT-TOIYABE NATIONAL FOREST	041709_0.309Miles_FY18		9/1/18	222	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	090818_0.154Miles_FY18		9/1/18	175	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	092718_0.304Miles_FY18		9/1/18	223	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	092718_0.811Miles_FY18		9/1/18	379	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	092818_0.092Miles_FY18		9/1/18	155	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	092818_0.127Miles_FY18		9/1/18	231	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	092818_0.154Miles_FY2018		9/1/18	173	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	092818_0.433Miles_FY18		9/1/18	263	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0928518_0.126Miles_FY18		9/1/18	166	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041710-2018 Fence Marking	\$5,000	9/17/18	12002	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041700_NNIPtreatments_FY2108		9/30/18	4427	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041706_NorthCherryPiles_2019		5/1/19	1500	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041709-PJ Removal-3113 Acres-2019		8/15/19	3113	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	041709-Pipe Rail Fence-2019		8/20/19	0.54	Acres
HUMBOLDT-TOIYABE NATIONAL FOREST	0417_2019_WeedTreatments		9/30/19	1637	Acres
	H-T FOREST SUBTOTAL	\$1,598,030		164510.02	ACRES
UINTA-WASATCH-CACHE NATIONAL FOREST	041903 FY16 Trout Ck Reentry		8/30/16	292.7	Acres

UINTA-WASATCH-CACHE NATIONAL FOREST	041904 FY17 TelephoneHollowL &S	\$53,420	2/21/17	229.33	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041903 FY17 Strawberry Fence Remov		8/1/17	17081	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041908 FY17 VernonRoad Closures		8/1/17	18984	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041903 FY18 Squaw Creek Road Decom	\$280,000	7/1/18	15	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041908 FY18 Guzzler Replacement	\$15,538	8/9/18	1099.79	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041903 FY18 Hwy 40 Fence Removal	\$1,100	8/20/18	7334	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041903 FY18 Strawberry Pretreatme	\$24,100	8/23/18	777	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041907FY18WRI_Hardware		8/24/18	1166	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041907 WRI FY19 Route Closure	\$13,680	6/30/19	1453.9	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041907 Hardware lop scatter 2019	\$26,854	9/10/19	1142.76	Acres
UINTA-WASATCH-CACHE NATIONAL FOREST	041908 FY19 VerrnonEcosystem2Phase		9/30/19	8071	Acres
	UWC FOREST SUBTOTAL	\$414,691		57646.48	ACRES
	REGION 4 SUBTOTAL	\$6,376,249		465507.68	ACRES
	REGION 4 SUBTOTAL	\$1,070,292		168.68	MILES

Appendix B. Adaptive Management Annual Evaluations by state.

All Information supplied by state wildlife and/or state BLM offices

Colorado

Triggers Tripped

No triggers were reported to be surpassed 2015-2019.

Adaptive Management Response in Colorado:

For soft trigger responses, the FS would change management to be more restrictive or identify habitat improvement projects to address specific causal or limiting factors based on local knowledge and conditions.

For hard trigger responses, within 14 days of a hard trigger being tripped, the Northwest Colorado Greater Sage-Grouse Statewide Implementation Team will convene to develop an interim response strategy and initiate an assessment to determine the causal factor or factors.

Idaho

Analysis from Moser, Idaho Fish and Game, August 30, 2019:

Conservation Area/HMA	Total males on lek routes											Lambda (λ)			
	2011	2012	2013	2014	2015	2016	2017	2018	2019	Current 3-year avg ^a	% change from 2011 ^b	Route trigger tripped ^c	λ 2017 to 2019	90% confidence interval	λ trigger tripped ^c
Desert Priority	1713	1434	1526	1394	1346	1710	1412	1097	746	1085	-37%	Hard	0.618	0.543 - 0.693	Yes
Desert Important	233	186	194	194	190	241	164	138	98	133	-43%	Hard	0.563	0.459 - 0.666	Yes
Mountain Valleys Priority	1790	1716	1456	1603	1589	1663	1439	1165	874	1159	-35%	Hard	0.583	0.495 - 0.671	Yes
Mountain Valleys Important	336	290	317	334	390	432	370	306	203	293	-13%	Soft	0.514	0.413 - 0.616	Yes
Southern Priority	276	252	249	323	403	436	411	329	319	353	+28%	No	0.692	0.568 - 0.816	Yes
Southern Important	600	508	488	502	624	664	557	455	335	449	-25%	Hard	0.568	0.468 - 0.669	Yes
West Owyhee Priority ^d	548	453	398	456	680	948	793	532	426	584	+7%	No	0.487	0.433 - 0.540	Yes
West Owyhee Important ^d	145	147	129	110	157	160	142	85	80	102	-29%	Hard	0.525	0.479 - 0.571	Yes

^a Current 3-year average.

^b % change in current 3-year average from 2011 total.

^c For a population trigger to trip, both lek route and lambda must meet the trigger requirements.

^d 19 leks in the Browns Creek and Oreana area were reclassified from Priority to Important habitat in the 2019 BLM ARMPA.

Adaptive Management Response in Idaho:

For soft trigger responses, an interagency technical team would assess triggers and causal factors and identify potential management actions.

For hard trigger responses, all PHMA management direction would be applied to IHMA within the same conservation area and the technical team could recommend additional activities to the appropriate agency line officer. A 2019 analysis has been created by Idaho Fish and Game, by Ann Moser.

Montana

No population or habitat triggers were hit in 2016 or 2017.

Adaptive Management Response in Montana:

NA

Nevada

TBD

Adaptive Management Response in Nevada:

Adaptive management response teams will identify appropriate management responses for each trigger and document them in a report. The team may identify management actions that may include season-specific fuels reductions and prioritizing areas for fuel breaks and vegetation treatments, as well as emergency closures and re-prioritizing vegetation treatments.

Utah

In 2019, all counts low, probably from natural cycle, but also largely due to limited observations and access issues.

The winter of 2018-2019 had above average snow pack that persisted later into the spring than normal. The persistent snow pack severely restricted human access to lekking locations, limiting the ability of personnel counting leks to reach lekking locations. As a result of limited access, many leks did not receive the minimum required number of visits during the protocol lekking period. Fewer visits reduces the probability of observing peak counts on each lek. Snow covering traditional lek sites during the lekking period can reduce the proportion of male greater sage-grouse attending leks and shift peak attendance to later in the year outside of protocol dates. The combination of a high proportion lek sites being inaccessible for all or a portion of the counting period and a lower portion of the Utah greater sage-grouse population attending leks resulted in a low bias in the results of the 2019 greater sage-grouse lek counts.

Summary of Utah Population Triggers 2015-2019.

Uinta:

No triggers hit 2015-2019; need to watch in 2020

Panguitch:

No triggers hit 2015-2019

Bald Hills:

No triggers hit 2015-2019; need to watch in 2020

Box Elder:

No triggers hit 2015-2019; need to watch in 2020

Vegetation soft trigger hit in 2018; fire

Carbon:

No triggers hit 2015-2019; need to watch in 2020

Rich:

No triggers hit 2015-2019

Parker:

Soft trigger hit in 2019; conclusion that low count and trigger hit is due to observer error and low counts in 2019.

Emery:

No triggers hit 2015-2019; need to watch in 2020; low population numbers in general

Sheeprocks:

Hard trigger hit in 2016; No triggers hit 2017-2019;

Strawberry:

No triggers hit 2015-2019;

Vegetation soft-trigger hit in 2018; fire

Hamlin Valley:

No triggers hit 2015-2019

Ibapah:

No triggers hit 2015-2019; strong upward trend

Summary of Utah Habitat Triggers

Utah habitat trigger analysis (cumulative 2016-2019) provided by BLM Utah office, habitat reduction due to wildfire.

Uinta:

No triggers met.

Panguitch:

No triggers met.

Bald Hills:

Soft trigger met.

Box Elder:

Soft trigger met.

Carbon:

No triggers met.

Rich:
No triggers met.

Parker:
No triggers met.

Emery:
No triggers met.

Sheeprocks:
No triggers met.

Strawberry:
Soft trigger met.

Hamlin Valley:
No triggers met.

Ibapah:
No triggers met.

Adaptive Management Response in Utah:

Soft Trigger responses will be to prioritize habitat improvement and restoration within PHMA where a trigger was tripped and may include extending seasonal restrictions on surface disturbing activities, temporary travel closures, and applying additional restrictions on discretionary activities.

Hard Trigger response will be to prioritize areas within and adjacent to PHMA for habitat restoration and fuels reduction.

Wyoming

Population Triggers

From Leslie Schreiber, Wyoming Game and Fish

In Wyoming, no triggers were tripped during 2016 and 2017. Technical Teams are being formed to evaluate causal factors for an outstanding soft trigger identified by the Northeast local working group in 2018, and another soft trigger identified by the Jackson local working group in 2019.

No Forest Service lands are associated with the Northeast trigger. However, the Gros Ventre valley (Bridger Teton NF) is associated with the Jackson Core Area and trigger.

Adaptive Management Response in Wyoming:

An Adaptive Management Working Group will consider causal factors and create a response strategy.

Appendix C. Fire Management in Sage-Grouse Habitats

Table 3-1 Cumulative acres of GRSG habitat burned from 2015-2019 by administrative agency¹, across eleven states².

ADMINISTRATIVE AGENCY	2019 GRSG Acres Burned	2018 GRSG Acres Burned	2017 GRSG Acres Burned	2016 GRSG Acres Burned	2015 GRSG Acres Burned	Cumulative Total
Bureau of Indian Affairs	39	53,132	26,792	30,239	0	110,202
Bureau of Land Management	176,586	1,081,035	1,182,871	342,450	366,751	3,149,693
Fish and Wildlife Service	26,999	31,532	1,448	0	200	60,179
Forest Service	44,604	235,029	102,987	14,008	16,121	412,749
National Park Service	789	2	219	1,956	0	2,966
Private Lands	26,833	500,065	651,154	180,017	156,779	1,514,848
State Lands	14,491	118,048	50,878	23,775	22,623	229,815
Other Federal Lands	172,817	81,070	57,510	33,823	260	345,480
TOTAL	463,158	2,099,913	2,073,859	626,268	562,734	5,825,932

¹Data compiled by the National Interagency Fire Center;

<https://www.nifc.gov/fireandsagegrouse/mapsData.html>

² The eleven states include: California, Colorado, Idaho, Montana, Nevada, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming.

Table 3-2. Cumulative acres of GRSG habitat burned from 2015-2019 representing all administrative agencies by states located in states where Forest Service 2015 decisions apply.¹

State	2019 GRSG Acres Burned	2018 GRSG Acres Burned	2017 GRSG Acres Burned	2016 GRSG Acres Burned	2015 GRSG Acres Burned	Total Acres by State
Colorado	1,388	44,487	27,780	3,215	3,359	80,229
Idaho	292,125	503,875	251,443	104,849	260,931	1,413,223
Montana	4,938	37,259	357,934	14,316	12,225	426,672
Nevada	40,404	1,030,305	967,324	215,073	12,233	2,265,339
Utah	30,962	142,986	93,295	33,269	377	300,889
Wyoming	27,260	95,240	69,410	55,152	20,777	267,839
TOTAL	397,077	1,854,152	1,767,186	425,874	309,902	4,754,191

¹Data compiled by the National Interagency Fire Center

Fire and Invasive Species Assessment (FS-FIAT)

The purpose of these assessments is designed to assess threats to greater sage-grouse and its habitat from Wildfire, Invasive Species, and Conifer Encroachment on each Forest in the Great Basin. The Intermountain Region was tasked to complete the assessment for each National Forest and Grassland within the Region in cooperation with Forest Staff. The FS-FIAT effort, undertaken in partnership between Region 4 and the Enterprise Program, began early in 2015. It was conducted by a team of specialists consisting of a Team Leader/Fuels Management Specialist, a Fire Ecologist, a Wildlife Biologist, a GIS/Range Management Specialist, and a Writer/Editor. The assessment development model consisted of the team visiting each Forest twice on average. These visits were to introduce the team, establish relationships, collect information, and then verify information to ensure that the data and information was truthed by the local unit. The team conducted a total of twelve assessments in total; ten in Region 4, one in Region 2, and one in Region 1: Ashley National Forest, Beaverhead-Deerlodge National Forest, Boise National Forest, Bridger-Teton National Forest, Caribou-Targhee

National Forest, Dixie National Forest, Fishlake National Forest, Humboldt-Toiyabe National Forest, Manti-La Sal National Forest, Salmon-Challis National Forest and the Sawtooth National Forest.