

Table A.2 – External Data Sources					
Analysis Dataset	Source	Data File Name	Metadata Link <sup>1</sup>	Download Link <sup>2</sup>	Layer Description
<b>Base and Greater Sage-grouse Habitat</b>					
BLM Land Use Plans (LUP) and EIS Boundaries	BLM Geospatial Strategic Plan (GSSP), provided by BLM LUP Data Steward. EIS Boundaries are made up of the individual LUP boundaries found in the LUP datasets.	LUP_GreatBasin_7_18_12	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts Bureau of Land Management (BLM) Land-use Plan (LUP) boundaries that fall within GRSG EIS boundaries in the Great Basin Region of the GRSG study area.
		LUP_RockyMountain_7_18_12clip	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts BLM LUP boundaries that fall within GRSG EIS boundaries in the Rocky Mountain Region of the GRSG study area.
BLM Subsurface Minerals Administration	BLM State offices: CO, MT, UT, WY	BLM_All_subsurf_rights_dis	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts Federal sub-surface mineral rights for the States of Colorado (CO), Montana (MT), Utah (UT), & Wyoming (WY).
Federal Surface Management Agency	BLM GSSP, provided by BLM SMA Data Steward	BLM_SMA_FS_update	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts surface management within the States that contain greater sage-grouse (GRSG) habitat.
Forest Service Administrative Units	USFS Enterprise Data Warehouse. These data are incorporated into the Federal Surface Management Agency dataset.				
GRSG Planning Regions and EIS Boundaries	Derived from BLM Land Use Plans GSSP. EIS Boundaries are made up of the individual LUP boundaries found in the LUP datasets.				
<b>Conservation</b>					
ACEC	BLM GSSP, SDE download	ACEC_PAD_Cats_1_2_unk	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts BLM Areas of Critical Environmental Concern (ACECs) within the GRSG study area that are intersected with those Protected Areas Database of the United States (PADUS) areas that have a Gap Analysis Program (GAP) status code category of 1, 2 or unknown.
NLCS (National Conservation Areas, Wilderness Study Areas, National Monuments, Cooperative Management and Protection Areas, Outstanding Natural Areas, and Forest Reserves)	BLM GSSP, provided by BLM NLCS Data Steward	Other_NLCS_cat_1_2_unk	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts National Landscape Conservation System (NLCS) areas intersected with GAP status codes 1, 2 or unknown & within the GRSG study area.
Wilderness (BLM)	BLM GSSP, provided by BLM NLCS Data Steward	Wilderness_BLM_FS_NPS_FWS	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts a merge of BLM, Forest Service (FS), & National Park Service (NPS) Wilderness areas across the US, & FWS Wilderness clipped to the GRSG study area.
Wilderness (USFS)	USFS Enterprise Data Warehouse. This data is incorporated into the BLM Wilderness areas dataset.				
<b>Current Threat</b>					
Coal Leases	Individual BLM State, District & Field offices	Coal_Leases_Surface_MT_Update_0102_2013	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts coal leases surface direct from data submitted for MT, ND, & SD on January 2nd 2013.
	Individual BLM State, District & Field offices	Coal_Leases_Underground_MT_Update_01022013	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts consolidated submissions for underground coal lease data from BLM states responding to the WO 300 data call on January 2nd 2013.
Decadal Fires - Fire Perimeters, 2000-2012	Geospatial Multi-Agency Coordination (GeoMAC) Group	Fire_CompiledGeoMAC_2000_to_2011_and_2012	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts fire perimeters provided by the GeoMAC 2000 to 2011 merged with 2012 data.
Fences (BLM) - Grazing Allotments and Pastures	BLM GSSP, SDE download	BLM_FS_Fencing_Potential_Miles	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts, as linear features, BLM & FS allotment & pasture polygons within the GRSG study area.
Fences (USFS) - Grazing Allotments and Pastures	USFS Enterprise Data Warehouse. This data is included in the BLM Fences dataset.				

<sup>1</sup> Click these links to view metadata for the layer; <sup>2</sup> Click these links to download a data package (.lpx or .zip) containing the layer and data files.

Geothermal Leases and Approved Projects	Individual BLM State, District & Field offices	Geothermal_Leases_Approved_Projects	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts geothermal leases & approved renewable energy projects on BLM lands within the GRSG study area.
Grazing (BLM)	1. BLM GSSP grazing allotments & pastures supplemented with 2008 BLM Land Health spreadsheet (Veblen, K.E. et al. 2011, Assal, T.J. et al., 2012) to indicate those allotments not meeting wildlife standards with grazing as the causal factor in the non-achievement.	Allots_NotMeetLHS_Hab_Grazing	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts allotments from the 2008 BLM Land Health data that are not meeting land health standards due to livestock grazing, joined to the GSSP National Allotment database.
	2. Allotments not evaluated	Allots_NotEvaluatedLHS	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Those allotments in which a land health evaluation has not yet been done. These allotments were then joined to the GSSP National Allotment database on 6/28/12. Of the 10623 allotment records from the spreadsheet, 158 were not able to be mapped.
	3. BLM GSSP allotments & FS allotments	BLM_FS_Grazing	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts merged BLM & FS grazing data within the GRSG study area, dissolved to measure total acres.
Grazing (USFS)	USFS Enterprise Data Warehouse. This data is included in the BLM Grazing dataset.				
Mining and Mineral Materials Disposal - Mineral Material Disposal Sites and Locatable Mining Claims	Individual BLM State, District & Field offices				
	1. Mineral Material Disposal Sites	Min_Mat_Disg_Sites_12282012	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts consolidated mineral material disposal site data from BLM states submitted 12282012.
	2. Locatable Mining Claims	Locatable_Mining_Claims_12272012	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts consolidated locatable mining claims from data submitted on 12/27/2012.
Pinyon-Juniper & Conifer Encroachment (derived)		Sagebrush_PJ_Conifer_Interface	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts the combined PJ & Conifer interface within the GRSG study area that is within 120 meters of sagebrush landcover.
Wild Horse and Burro areas (USFS)	USFS Enterprise Data Warehouse	FS_WHB_Direct	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts the FS Wild Horse & Burro (WHB) managed areas in the GRSG study area to measure direct effects.
Wild Horse and Burro Herd Management Areas (BLM )	BLM Wild Horse & Burrows (WHB) data steward.	whb_hma_poly	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts BLM managed Wild Horse & Burro Herd Areas, Herd Management Areas, & Historical Areas, within the GRSG study area.
<b>Valid Existing Rights</b>					
Federal Fluid Minerals - Areas Closed to Oil and Gas Leasing	Individual BLM State, District & Field offices	Closed_to_Oil_and_Gas_Leasing_Update_012013	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts consolidated submissions for locations close to oil & gas development data from BLM states Nov 2011 through May 2012.
Non-energy Minerals & Prospecting Permit Applications	Individual BLM State, District & Field offices	NonEnergy_Min_Prospect_Permit_Apps	<a href="#">Metadata</a>	<a href="#">Download Link</a>	This dataset represents the consolidated submissions for non-energy minerals and prospecting permit application data from BLM states responding to the WO 300 data call during the time period of November 2011 through May 2012.
Oil and Gas leases	Individual BLM State, District & Field offices	Oil_and_Gas_Leases	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts oil & gas leases on BLM lands within the GRSG study area.
Oil and Gas leases - Held by Production	Individual BLM State, District & Field offices	Oil_and_Gas_Leases_Held_by_Production	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts oil & gas leases held by production on BLM lands within the GRSG study area.
Oil Shale Leases	Individual BLM State, District & Field offices	Oil_Shale_R_D_D_Leases_12_2012	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts consolidated submissions for oil shale research, development, & demonstration lease data from 12/20/2012.
Solar Right of Ways - Approved and Authorized	Individual BLM State, District & Field offices	Solar_ROWs_Approv_Auth	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts solar rights-of-way & approved authorizations on BLM lands within the GRSG study area.

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Wind Energy Right of Ways - Approved and Authorized	Individual BLM State, District & Field offices	Wind_Energy_ROWS_Appr_Auth	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts wind energy rights-of-way & approved authorization areas on BLM lands within the GRSG study area.
<b>Potential Threat</b>					
Fire Probability	USFS - Missoula Fire Sciences Laboratory, Fire Program Analysis System, "High" category.	BurnProb_2cat_High_Dissolve_for_CEA	<a href="#">Metadata</a>	<a href="#">Download Link</a>	Depicts areas of high burn (fire) probability in the GRSG study area.

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