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# Appendix B

Stipulations Applicable to Fluid Mineral Leasing and  
Other Surface-disturbing Activities



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# TABLE OF CONTENTS

Chapter

Page

---

<b>B.</b>	<b>STIPULATIONS APPLICABLE TO FLUID MINERAL LEASING AND OTHER SURFACE-DISTURBING ACTIVITIES.....</b>	<b>B-1</b>
B.1	Description of Stipulations .....	B-3
B.1.1	No Surface Occupancy (NSO) or Other Surface-disturbing Activities.....	B-3
B.1.2	Controlled Surface Use (CSU).....	B-4
B.1.3	Timing Limitations (TL).....	B-4
B.1.4	Lease Notice (LN).....	B-4
B.1.5	Condition of Approval (COA).....	B-5
B.1.6	Mitigation and Monitoring .....	B-5
B.2	Exceptions, Modifications, and Waivers.....	B-5
B.2.1	Exception, Modification, or Waiver Process.....	B-5
B.2.2	Standard Exception .....	B-6
B.2.3	Standard Modification .....	B-6
B.2.4	Standard Waiver .....	B-7
B.3	Standard Terms and Conditions for Fluid Mineral Leasing.....	B-7

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## TABLES

Page

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B-1	Summary of No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities <sup>1</sup> .....	B-8
B-2	Summary of Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities <sup>1</sup> .....	B-11
B-3	Summary of Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities <sup>1</sup> .....	B-13
B-4	Summary of Lease Notices (LN) Applicable to Fluid Mineral Leasing <sup>1</sup> .....	B-14
B-5	No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities .....	B-15
B-6	Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities .....	B-36
B-7	Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities.....	B-50
B-8	Lease Notices (LN) and Additional Required Conditions of Approval Applicable to Authorized Ground-disturbing Activities.....	B-57

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# **APPENDIX B**

## **STIPULATIONS APPLICABLE TO FLUID MINERAL LEASING AND OTHER SURFACE-DISTURBING ACTIVITIES**

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This appendix lists the stipulations for fluid mineral leasing (e.g., oil, gas, and geothermal) referred to throughout this Approved RMP. These stipulations will also apply, where appropriate, to all surface-disturbing activities (and occupancy) associated with land use authorizations, permits, and leases issued on BLM lands. The stipulations will not apply to activities and uses where they are contrary to laws, regulations, or specific program guidance. The intent of these stipulations is to consistently mitigate impacts by applying the same stipulation to all land use authorizations across the board. It is BLM's intent to incorporate the same level of restrictions, to the extent practicable, on agency proposed projects.

Stipulations also apply to fluid mineral leasing on lands overlying federal mineral estate, which includes federal mineral estate underlying BLM lands, privately owned lands, and state-owned lands. As such, federal mineral estate acres are greater than BLM surface acres. Within the planning area, the BLM administers 1,061,400 acres of surface estate and 169,800 acres of split-estate (i.e., where the surface rights are in private ownership and the rights to development of the mineral resources are publicly held and managed by the federal government [BLM]). The BLM will coordinate with the surface owner when applying stipulations on split-estate at the leasing phase. Other land management agencies may have their own surface management decisions for oil and gas development; the BLM will apply these decisions with consent and may add additional stipulations in cooperation with the surface-management agency. Acreages in this appendix reflect federal mineral estate overlain by BLM, private, and state-owned land. Acreages for stipulations are calculated based on current information and may be adjusted in the future through plan maintenance as conditions warrant.

Data from GIS was used in developing acreage calculations and for generating many of the figures in Appendix A. Calculations are dependent upon the quality and availability of data and most calculations in this RMP are rounded to the nearest one hundred acres. Given the scale of the analysis, the compatibility constraints between datasets, and lack of data for some resources, all calculations are approximate and serve for comparison and analytic purposes only. Likewise, the figures in Appendix A are provided for illustrative purposes and subject to the limitations discussed above. BLM may receive additional GIS data; therefore, acreages may be recalculated and revised at a later date.

Surface-disturbing activities are those that normally result in more than negligible (i.e., immeasurable, not readily noticeable) disturbance to vegetation and soils on public lands and accelerate the natural erosive process.

Surface disturbances could require reclamation and normally involve use and/or occupancy of the surface, causing disturbance to soils and vegetation. They include, but are not limited to: the use of mechanized earth-moving equipment; truck-mounted drilling and geophysical exploration equipment off designated routes; off-road vehicle travel in areas designated as limited or closed to off road vehicle use; construction of facilities such as oil and gas wells and/or pads; major recreation sites; new trail construction; and use of pyrotechnics and explosives. Surface disturbance is not normally caused by casual-use activities. Activities that are not normally considered surface disturbing include, but are not limited to: livestock grazing, cross country hiking, minimum impact filming, vehicular travel on designated routes, and minimum impact emergency response activities such as construction of fire line using hand tools as a tactic for suppression and management of unplanned fire. Even where stipulations prohibit surface disturbing activities, some surface disturbing activities may be allowed under exceptions from stipulations through the process described under **Section B.2.I.** (Example 1: A livestock fence proposed in an area covered by NSO-35 for Wildlife Emphasis Areas may be excepted from the stipulation if it can be shown that the project will have negligible impacts to wildlife through appropriate mitigation; or example 2: A natural gas well pad proposed in an area covered by CSU-8 for Old Growth Forests and Woodlands may be excepted from the stipulation if it can be shown that the project will have negligible impacts on old growth forests and woodlands through appropriate mitigation.)

The BLM has the discretion to modify surface operations to change or add specific mitigation measures when supported by environmental analysis. All mitigation/conservation measures not already required as stipulations will be analyzed in a site-specific NEPA document, and be incorporated, as appropriate, into conditions of approval of the permit, plan of development, and/or other use authorizations.

## B.1 DESCRIPTION OF STIPULATIONS

**Tables B-1** through **B-4** summarize the stipulations, and **Tables B-5** through **B-8** provide details of the stipulations and protected resources including exceptions, modifications, and waivers. Three types of stipulations could be applied to fluid mineral leasing or to land use authorizations, except for those authorized under the realty program: 1) NSO or other no surface-disturbing activities; 2) CSU; and 3) TL. ROW authorizations are governed by avoidance and exclusion area restrictions. ROW avoidance areas may have corresponding stipulations, as specifically noted in **Tables B-1** through **B-3** and **Tables B-5** through **B-7**. In these cases, denoted as NSO-X (ROWA), CSU-X (ROWA), or TL-X (ROWA), the surface area covered by the stipulation is considered a ROW avoidance area. Where stipulations are noted as *Partial ROWA*, only a portion of the area covered by the stipulation is a ROW avoidance area. See the glossary for descriptions of ROW avoidance and ROW exclusion.

Lease stipulations and lease notices will be applied to all new leases. On existing leases, the BLM will seek voluntary compliance or will develop Conditions of Approval for Applications for Permit to Drill to achieve resource objectives of the RMP (see BLM's Land Use Planning Handbook H-1601-1 at Appendix C, part H), when determined reasonable and consistent with valid existing rights.<sup>1</sup>

### B.1.1 No Surface Occupancy (NSO) or Other Surface-disturbing Activities

Use or occupancy of the land surface for fluid mineral exploration or development and other surface-disturbing activities (as defined above) is prohibited to protect identified resource values. Acreages are provided in these tables for mapped stipulations.

The NSO/No Surface-disturbing Activities stipulation, a major constraint, includes stipulations that may have been worded as “No Surface Use/Occupancy,” “No Surface Disturbance,” “Conditional NSO,” “ground-disturbing activity,” and “Surface Disturbance or Surface Occupancy Restriction (by location).”

Areas identified as NSO/No Surface-disturbing Activities are open to fluid mineral leasing, but surface-disturbing activities cannot be conducted on the surface of the land unless an exception, waiver, or modification is granted (Section B.2). Access to fluid mineral deposits would require directional drilling from outside the boundaries of the NSO/No Surface-disturbing Activities areas.

An NSO/No Surface-disturbing Activities stipulation cannot be applied to operations conducted under the 1872 Mining Law unless the lands have been

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<sup>1</sup> See also 43 CFR 1610.5-3(b): “...the Field Manager shall take appropriate measures, subject to valid existing rights, to make operations and activities under existing permits, contracts, cooperative agreements or other instruments for occupancy and use, conform to the approved plan or amendment within a reasonable period of time.”

withdrawn from mineral entry and the operator has no valid and existing mining claims. A withdrawal is not considered a land use planning decision because it must be approved by the Secretary of Interior. Therefore, unless withdrawn from mineral entry with no pre-existing mining claims, areas identified as NSO/No Surface-disturbing Activities are open to operations conducted under the mining laws, and subject only to TL and CSU stipulations that are consistent with the rights granted under the mining laws. Where only an NSO stipulation exists, and no equivalent CSU or TL stipulations applies to operations conducted under the mining laws, the NSO stipulation will be applied as a CSU stipulation (i.e., the surface-disturbing activity could be shifted more than 200 meters [656 feet] to protect the specified resource or value if consistent with the rights granted under the mining laws).

An NSO/No Surface-disturbing Activities stipulation does not apply to existing facilities and the maintenance of existing facilities, such as, but not limited to, range improvements, oil and gas wells and/or pads, and major recreation sites.

#### **B.1.2 Controlled Surface Use (CSU)**

CSU is a category of moderate constraint stipulations that allows some use and occupancy of public land while protecting identified resources or values. A CSU stipulation allows the BLM to require special operational constraints, or the surface-disturbing activity can be shifted more than 200 meters (656 feet) to protect the specified resource or value. Refer to **Tables B-2** and **B-6**. Acreages are provided in these tables for mapped stipulations.

#### **B.1.3 Timing Limitations (TL)**

Areas identified for TL, a moderate constraint, are closed to fluid mineral exploration and development, surface-disturbing activities, and intensive human activity during identified time frames. This stipulation does not apply to operation and basic maintenance activities, including associated vehicle travel, unless otherwise specified. Construction, drilling, completions, and other operations considered to be intensive in nature are not allowed. Intensive maintenance and routine or scheduled workovers on wells is not permitted. Administrative activities are allowed at the discretion of the Authorized Officer. Refer to **Tables B-3** and **B-7**. Acreages are provided in these tables for mapped stipulations.

#### **B.1.4 Lease Notice (LN)**

A LN provides more-detailed information concerning limitations that already exist in law, lease terms, regulations, or operational orders. A LN also addresses special items that lessees should consider when planning operations but does not impose additional restrictions. Lease Notices apply only to leasable minerals (e.g., oil, gas, and geothermal) and not to other types of leases, such as livestock grazing. Refer to **Tables B-4** and **B-8**.

### **B.1.5 Condition of Approval (COA)**

Conditions of Approval are enforceable conditions or provisions (requirements) under which an Application for Permit to Drill is approved.

### **B.1.6 Mitigation and Monitoring**

Stipulations are designed to provide resource-specific protections. Permit holders shall be responsible for the monitoring and reporting deemed necessary to document and maintain mandated protective measures. Also, the BLM retains the right to modify the operations of all surface and other disturbance activities caused by the presence of humans and to require additional specific or specialized mitigation following the submission of a detailed plan of development or other project proposal, a monitoring report, and an environmental analysis of such.

## **B.2 EXCEPTIONS, MODIFICATIONS, AND WAIVERS**

Stipulations could be excepted, modified, or waived by the Authorized Officer. An exception exempts the holder of the land use authorization document from the stipulation on a one-time basis. A modification changes the language or provisions of a surface stipulation, either temporarily or permanently. A waiver permanently exempts the surface stipulation. Any changes to stipulations will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of stipulations, see BLM Manuals 1624 and 3101.)

### **B.2.1 Exception, Modification, or Waiver Process**

An exception, modification, or waiver may be granted at the discretion of the Authorized Officer if any of the standard exception, modification, or waiver criteria (**Section B.2.2, B.2.3, B.2.4**) are met; or if any of the exception, modification, or waiver criteria specific to the stipulation (**Tables B-5, B-6, B-7**) are met. In order to implement an action that will not normally be allowed because of a stipulation, the proponent must submit a request in writing for an exception, modification, or waiver. The request shall detail which exception, modification, or waiver criteria are met. When requested concurrently with an application, the exception, modification, or waiver is considered as part of the project proposal in RMP and NEPA compliance review. For separate requests, the request is considered as a unique action and is analyzed and documented individually for RMP and NEPA compliance. The Authorized Officer will make the final determination whether to grant an exception, modification, or waiver to stipulations. When use of heavy equipment is necessary for emergency response activities such as wildland fire suppression, management of unplanned fire, and emergency stabilization, the standard exception will be approved verbally by the BLM authorized officer as delegated (e.g., Incident Commander in coordination with Resource Advisor).

### **B.2.2 Standard Exception**

The standard exception applies to all NSO/No Surface-disturbing Activities, CSUs, and TLs, even though the standard exception is not included in the “exception” portion of **Tables B-5** through **B-7**. In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required will be based on the nature and extent of resource values potentially affected by the surface-disturbing activity.

#### ***Fluid Minerals***

An exception is a one-time exemption for a particular site within the leasehold. Exceptions are determined on a case-by-case basis. The stipulation continues to apply to all other sites within the leasehold. The Authorized Officer may grant an exception to a stipulation if it is determined that the factors leading to its inclusion in the lease have changed sufficiently such that:

1. the protection provided by the stipulation is no longer justified or necessary to meet resource objectives established in the RMP; or
2. proposed operations will not cause unacceptable impacts.

The Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and may be required to consult with other government agencies and/or the public in order to make this determination.

#### ***All Programs Except Fluid Minerals***

An exception may be granted by the Authorized Officer if it can be demonstrated that the surface-disturbing activity:

1. will not cause adverse impacts or will have negligible impacts to the resource or resource use that the stipulation was designated to protect; or
2. will improve the protected resource or resource use as defined by RMP objectives, standards, or conditions in the stipulation (e.g., fuels treatment that improves forbs in key wildlife habitat, or trail construction for resource protection in an ACEC or elsewhere);
3. is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation; or
4. is necessary to protect federal mineral estate.

### **B.2.3 Standard Modification**

A modification is a change to the provisions of a lease stipulation, either temporarily or for the term of the lease. Depending on the specific modification, the stipulation may or may not apply to all sites within the leasehold to which the restrictive criteria are applied.

In accordance with the provisions of 43 CFR 3101.1-4, the Authorized Officer may modify a stipulation or the area subject to the stipulation if it is determined that the factors leading to its inclusion in the lease have changed sufficiently. The Authorized Officer may modify a stipulation as a result of new information if:

1. the protection provided by the stipulation is no longer justified or necessary to meet resource objectives established in the RMP;
2. the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the RMP; or
3. proposed operations will not cause unacceptable impacts.

The Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and may be required to consult with other government agencies and/or the public in order to make this determination, and the modification may be subject to public review for at least a 30-day period.

#### **B.2.4 Standard Waiver**

A waiver is a permanent exemption from a lease stipulation. When a waiver is granted, the stipulation no longer applies anywhere within the leasehold.

In accordance with the provisions of 43 CFR 3101.1-4, the Authorized Officer may waive a stipulation if it is determined that the factors leading to its inclusion in the lease no longer exist. The Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and may be required to consult with other government agencies and/or the public in order to make this determination. The waiver may be subject to public review for at least a 30-day period.

No permanent exemptions or waivers are authorized unless the areas mapped as possessing the attributes are field verified by BLM staff to lack those attributes.

### **B.3 STANDARD TERMS AND CONDITIONS FOR FLUID MINERAL LEASING**

Oil and gas development is subject to standard terms and conditions of the lease. Onshore Oil and Gas Order No. 1 (Onshore Oil and Gas Operations; Federal and Indian Oil and Gas Leases; Approval of Operations) regulations (43 CFR 3160) give the BLM the ability to relocate proposed operations up to 200 meters (656 feet) and prohibit surface-disturbing operations for a period not to exceed 60 days.

<b>Table B-1</b>			
<b>Summary of No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities<sup>1</sup></b>			
Stipulation Number	Protected Resource	Fluid Minerals Only	All Surface-disturbing Activities
<b>Water Resources</b>			
<b>HYDROLOGY RIVER NSO CO</b>	Hydrology River		✓
<b>NSO-2 (ROWA)</b>	Streams/Springs Possessing Lotic Riparian Characteristics		✓
<b>NSO-4 (ROWA)</b>	Lentic Riparian Areas (including springs, seeps, and fens)		✓
<b>NSO-5</b>	Palisade and Grand Junction Municipal Watersheds		✓
<b>Soils and Geology</b>			
<b>GEOLOGY SLOPE NSO CO</b>	Geology Slope		✓
<b>GEOLOGY SOIL NSO CO</b>	Geology Soil		✓
<b>Vegetation</b>			
<b>NSO-2 (ROWA)</b>	Streams/Springs Possessing Lotic Riparian Characteristics		✓
<b>NSO-4 (ROWA)</b>	Lentic Riparian Areas (including springs, seeps, and fens)		✓
<b>Special Status Species</b>			
<b>HYDROLOGY RIVER NSO CO</b>	Hydrology River		✓
<b>NSO-2 (ROWA)</b>	Streams/Springs Possessing Lotic Riparian Characteristics		✓
<b>NSO-12 (Partial ROWA)</b>	ACECs		✓
<b>NSO-13 (ROWA)</b>	Current and Historically Occupied Habitat and Critical Habitat of Threatened, Endangered, Proposed, and Candidate Plant and Animal Species		✓
<b>NSO-23 (ROWA)</b>	Golden Eagle Nest Sites		✓
<b>NSO-24 (ROWA)</b>	Bald Eagle Nest Sites		✓
<b>NSO-25 (ROWA)</b>	Sage-grouse Leks, Nesting, and Early Brood-rearing Habitat (6.4 kilometers [4 miles])		✓
<b>NSO-26 (ROWA)</b>	Canyon Treefrog, Midget Faded Rattlesnake, Northern Leopard Frog, Great Basin Spadefoot, Long-nosed Leopard Lizard, Boreal Toad (no buffer)		✓
<b>WILDLIFE BAT</b>	Wildlife Bat		✓

<b>Table B-1</b>			
<b>Summary of No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities<sup>1</sup></b>			
Stipulation Number	Protected Resource	Fluid Minerals Only	All Surface-disturbing Activities
<b>NSO CO</b>			
<b>NSO-30 (ROWA)</b>	Occupied Prairie Dog Towns (no buffer)		✓
	Fish and Wildlife		
<b>NSO-32 (ROWA)</b>	Research Sites		✓
<b>NSO-12 (Partial ROWA)</b>	ACECs		✓
<b>RECREATION PARKS NSO CO</b>	Recreation Parks		✓
<b>NSO-34 (ROWA)</b>	Elk Production Area		✓
<b>WILDLIFE HABITAT NSO CO</b>	Wildlife Habitat		✓
	Wild Horses		
<b>NSO-36 (ROWA)</b>	Little Book Cliffs Wild Horse Range		✓
	Cultural Resources		
<b>NSO-37 (ROWA)</b>	Allocation to Conservation Use Category		✓
<b>NSO-38 (ROWA)</b>	Allocation to Traditional Use Category		✓
<b>NSO-39 (ROWA)</b>	Cultural Resources (Indian Creek)		✓
	Visual Resources		
<b>VISUAL CLASS I NSO CO</b>	Visual Class I		✓
	Lands Managed for Wilderness Characteristics		
<b>LANDS WITH WILDERNESS CHARACTERISTICS NSO CO</b>	Lands with Wilderness Characteristics		✓
	Recreation and Visitor Services		
<b>RECREATION SRMA NSO CO</b>	Recreation SRMA		✓
<b>RECREATION PARKS NSO CO</b>	Recreation Parks		✓
	Fluid Minerals (Oil and Gas and Geothermal Resources)		
<b>RECREATION PARKS NSO CO</b>	Recreation Parks		✓
	ACECs		
<b>NSO-12 (Partial ROWA)</b>	ACECs		✓
	Wilderness Study Areas		
<b>NSO-43</b>	Wilderness Study Areas		✓
	National Trails		

**Table B-1**  
**Summary of No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities<sup>1</sup>**

Stipulation Number	Protected Resource	Fluid Minerals Only	All Surface-disturbing Activities
<b>NSO-45</b> (ROWA)	Old Spanish National Historic Trail (50 meters [164 feet])		✓

<sup>1</sup>Details of these stipulations are provided in Table B-5, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities.

**Table B-2**  
**Summary of Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities<sup>1</sup>**

Stipulation Number	Protected Resource	Fluid Minerals Only	All Surface-disturbing Activities
<b>Water Resources</b>			
<b>CSU-39</b>	Roan and Carr Creeks ACEC		✓
<b>CSU-3 (ROWA)</b>	Definable Streams		✓
<b>CSU-4 (ROWA)</b>	Collbran and Mesa/Powderhorn Source Water Protection Areas, and Jerry Creek Watershed		✓
<b>Soils and Geology</b>			
<b>GEOLOGY SOIL CSU CO</b>	Geology Soil		✓
<b>Vegetation</b>			
<b>PLANT COMMUNITY CSU CO</b>	Plant Community		✓
<b>Special Status Species</b>			
<b>CSU-9 (ROWA)</b>	BLM Sensitive Plant Species Occupied Habitat		✓
<b>CSU-10 (ROWA)</b>	Wildlife Habitat		✓
<b>CSU-13 (ROWA)</b>	Osprey Nest Sites		✓
<b>CSU-14 (ROWA)</b>	Ferruginous Hawk Nest Sites		✓
<b>CSU-15 (ROWA)</b>	Red-tailed Hawk Nest Sites		✓
<b>CSU-16 (ROWA)</b>	Swainson's Hawk Nest Sites		✓
<b>CSU-17 (ROWA)</b>	Peregrine Falcon Nest Sites		✓
<b>CSU-18 (ROWA)</b>	Prairie Falcon Nest Sites		✓
<b>CSU-19 (ROWA)</b>	Other Raptor Species (accipiters, falcons [except kestrel], buteos, and owls)		✓
<b>CSU-22 (ROWA)</b>	Kit Fox Dens		✓
<b>CSU-23 (ROWA)</b>	Occupied Prairie Dog Towns		✓
<b>Fish and Wildlife</b>			
<b>CSU-10 (ROWA)</b>	Wildlife Habitat		✓
<b>WILDLIFE HABITAT CSU CO</b>	Wildlife Habitat		✓
<b>CSU-24 (ROWA)</b>	Deer and Elk Migration and Movement Corridors		✓
<b>Cultural Resources</b>			
<b>CSU-27 (ROWA)</b>	Allocation to Scientific Use Category		✓
<b>CSU-28 (ROWA)</b>	Allocation to Public Use Category		✓
<b>CSU-29 (ROWA)</b>	Sub-surface Inventory		✓
<b>Visual Resources</b>			
<b>CSU-30 (ROWA)</b>	VRM Class II		✓
<b>Recreation and Visitor Services</b>			
<b>CSU-31 (ROWA)</b>	Recreation		✓

Table B-2 Summary of Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities <sup>1</sup>		
Stipulation Number	Protected Resource	Fluid Minerals Only All Surface- disturbing Activities
<b>CSU-32</b>	Recreation Management Areas	✓
	Lands and Realty	
<b>DISPOSAL CSU CO</b>	Disposal	✓
	Coal	
<b>COAL MINE CSU CO</b>	Coal Mine	✓
	ACEC	
<b>CSU-39</b>	Roan and Carr Creeks ACEC	✓
	National and BLM Byways	
<b>CSU-37</b>	Scenic Byways (805 meters [0.5-mile])	✓

<sup>1</sup>Details of these stipulations are provided in Table B-6, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities.

**Table B-3**  
**Summary of Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities<sup>1</sup>**

Stipulation Number	Protected Resource	Fluid Minerals Only	All Surface-disturbing Activities
<b>Special Status Species</b>			
<b>TL-1 (ROWA)</b>	Salmonid and Native, Non-salmonid Fishes (brown, brook, rainbow, and cutthroat trout; bluehead and flannelmouth sucker; roundtail chub; mountain whitefish; Paiute and mottled sculpin; and speckled dace)		✓
<b>TL-3 (ROWA)</b>	Migratory Bird Habitat		✓
<b>WILDLIFE RAPTOR NESTS TL CO</b>	Raptor Nests		✓
<b>WILDLIFE SENSITIVE RAPTOR NESTS TL CO</b>	Sensitive Raptor Nests		✓
<b>TL-13 (ROWA)</b>	Golden Eagle Nest Sites		✓
<b>TL-14 (ROWA)</b>	Bald Eagle Nest Sites		✓
<b>TL-15 (ROWA)</b>	Bald Eagle Winter Roost		✓
<b>TL-16 (ROWA)</b>	Occupied Sage-grouse Winter Habitat		✓
<b>TL-17 (ROWA)</b>	Sage-grouse Leks (6.4 kilometers [4 miles])		✓
<b>TL-19 (ROWA)</b>	Occupied Prairie Dog Towns		✓
<b>Fish and Wildlife</b>			
<b>TL-1 (ROWA)</b>	Salmonid and Native, Non-salmonid Fishes (brown, brook, rainbow, and cutthroat trout; bluehead and flannelmouth sucker; roundtail chub; mountain whitefish; Paiute and mottled sculpin; and speckled dace)		✓
<b>TL-20 (ROWA)</b>	Big Game Winter Range		✓
<b>BIG GAME PRODUCTION TL CO</b>	Big Game Production		✓
<b>TL-22 (ROWA)</b>	Pronghorn Wintering Habitat		✓
<b>Wild Horses</b>			

<sup>1</sup>Details of these stipulations are provided in Table B-7, Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities.

**Table B-4**  
**Summary of Lease Notices (LN)**  
**Applicable to Fluid Mineral Leasing<sup>1</sup>**

<b>Stipulation Number</b>	<b>Protected Resource</b>
	Air Resources
<b>CO-56</b>	Air Resources
	Water Resources
<b>LN-1</b>	Source Water Protection Areas
	Special Status Species
<b>LN-3</b>	Biological Inventories
<b>LN-4</b>	Threatened and Endangered Species / Colorado Hookless Cactus
	Fish and Wildlife
<b>LN-3</b>	Biological Inventories
<b>LN-5</b>	Working in Wildlife Habitat
	Paleontological Resources
<b>LN-6</b>	Class 4 and 5 Paleontological Areas
	Lands and Realty
<b>LN-7</b>	Powderhorn Ski Area

<sup>1</sup>Details of these stipulations are provided in Table B-8, Lease Notices (LN) and Additional Required Conditions of Approval Applicable to Fluid Mineral Leasing.

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
<b>Water Resources</b>	
<b>HYDROLOGY RIVER NSO CO</b>  <i>All Surface-disturbing Activities</i>	<p><b>STIPULATION:</b> No surface occupancy or use is allowed within 400 meters (1312 feet) of the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever area is greatest) on the following major river:</p> <p>Colorado, Gunnison, and Dolores Rivers</p> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect rivers and adjacent aquatic habitat that provide: a) <i>special status</i> or <i>critical</i> fish and wildlife species habitat: b) important riparian values: c) water quality/filtering values: d) waterfowl and shorebird production values: e) valuable amphibian habitat: f) 100-year floodplain, and g) high scenic and recreation values of major rivers. Minimizing potential deterioration of water quality, high scenic and recreation values, maintain natural hydrologic function and condition of stream channels, banks, floodplains, and riparian communities, and preserve wildlife habitat including designated critical habitat for federally listed fish species. The buffers are sized to accommodate the rivers' larger floodplains and wider riparian zones.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is required to minimize potential deterioration of water quality, high scenic and recreation values, maintain natural hydrologic function and condition of stream channels, banks, floodplains, and riparian communities, and preserve wildlife habitat including designated critical habitat for federally listed fish species. The buffers are sized to accommodate the rivers' larger floodplains and wider riparian zones.</p>
<b>NSO-2 (ROWA)</b>  <b>Streams/Springs Possessing Lotic Riparian Characteristics.</b>  <i>All Surface-disturbing Activities</i>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within a minimum distance of 100 meters (328 feet) from the edge of the ordinary high-water mark (bank-full stage). Where the riparian corridor width is greater than 100 meters (328 feet) from bank-full, prohibit surface occupancy and use and surface-disturbing activities within the riparian zone.</p> <p><b>PURPOSE:</b> To protect water quality and aquatic values and prevent channel degradation, as riparian corridors/flood-prone areas are lands adjacent to waterbodies where activities on land are likely to affect water quality.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, exceptions, which are subject to CSU (site-specific relocation) stipulations, are as follows:</p> <ul style="list-style-type: none"> <li>• Necessary site restoration and management as dictated by initial analysis or later</li> </ul>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<p><b>Protected Resource</b></p> <p><b>Acres/Miles Affected</b></p>	<p>evaluation/monitoring.</p> <ul style="list-style-type: none"> <li>• Essential stream crossings associated with linear transportation, and utility crossings.</li> <li>• For actions requiring individual permits through the USACE, require a Licensed Professional Engineer to approve and stamp project design, implementation, and reclamation plans.</li> </ul> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to maintain the natural hydrologic function and condition of mountain and rangeland stream systems. Properly functioning stream channels, stream banks, and floodplains (including the riparian zone) transport and store sediment at a rate which is in balance with each system's typical flow regime. Any alteration of this system can create an imbalance between sediment supply and flow, resulting in accelerated erosion, decreased water quality, and degraded habitat conditions and for special status aquatic wildlife. This stipulation is also essential to protect fish bearing streams in the GJFO.</p>
<p><b>NSO-4 (ROWA)</b></p> <p><b>Lentic Riparian Areas (including springs, seeps, and fens).</b></p> <p><b>All Surface-disturbing Activities</b></p>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within 100 meters (328 feet) from the mapped extent of perennial, intermittent, and ephemeral streams; riparian areas, fens and/or wetlands; and water impoundments. For streams, the buffer will be measured from ordinary high-water mark (bank-full stage), whereas for wetland features, the buffer will be measured from the edge of the mapped extent.</p> <p><b>PURPOSE:</b> To maintain the proper functioning condition, including the vegetation, hydrologic, and geomorphic functionality of wetland features. To protect water quality, riparian zones, fens, fish habitat, and aquatic habitat, and to provide a clean, reliable source of water for downstream users. Buffers are expected to indirectly benefit migratory birds, wildlife habitat, amphibians, and other species.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary because surface disturbance within the minimum 100-meter (328-foot) buffer may impair proper function and condition of springs, seeps, and fens. Source areas (for springs, seeps, and fens) are delicate and susceptible to any alteration of natural flow patterns, soil infiltration rates, or drainages within the contributing watershed. Changes to these variables may dewater lentic riparian areas, greatly impairing the system's ability to properly function.</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<p><b>Protected Resource</b></p> <p><b>Acres/Miles Affected</b></p> <p><b>NSO-5</b></p> <p><b>No Surface Occupancy (Palisade and Grand Junction Municipal Watersheds).</b></p> <p><i>BLM surface/federal minerals:</i> 900 acres</p> <p><i>Private or State surface/federal minerals:</i> 8,300 acres</p> <p><b>All Surface-disturbing Activities</b></p>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and other surface-disturbing activities in the Palisade and Grand Junction municipal watersheds.</p> <p><b>PURPOSE:</b> To protect municipal watersheds providing drinking water to local communities.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, exceptions will require professionally engineered design and construction for a 100-year flood event along strait and stable stream reaches.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to reduce potential for groundwater contamination and/or dewatering of municipal sources.</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
<b>Soils and Geology</b>	
<p><b>GEOLOGY SOIL NSO CO</b></p> <p><i>BLM surface/federal minerals:</i> 54,500 acres</p> <p><i>Private or state surface/federal minerals:</i> 3,100 acres</p> <p><b>All Surface-disturbing Activities</b></p>	<p><b>STIPULATION:</b> No surface occupancy or use is allowed on lands with soils, as mapped in the Resource Management Plan, BLM's GIS database or other maps provided by local, state, federal or tribal agencies that are analyzed and accepted by the BLM, with the following special characteristics:</p> <p>Baxter/Douglas Pass Slump Area and the Plateau Creek Slump Area.</p> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To minimize the risk of mass wasting and sedimentation; reduce reclamation costs; protect soil productivity, rare, or sensitive biota; minimize risk to water bodies, fisheries, and aquatic species habitats; and protect human health and safety (e.g., from landslides and mass wasting).</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> <b>JUSTIFICATION:</b> This stipulation is necessary because accelerated erosion from fragile soils in the GJFO is a major contributor of nonpoint source pollution in rivers and streams. The 25-meter (82-foot) buffer is necessary to adequately protect fragile soils from stormwater runoff and other impacts associated with surface-disturbing actions.</p>
<p><b>GEOLOGY SLOPE NSO CO</b></p> <p><i>BLM surface/federal minerals:</i> 347,700 acres</p> <p><i>Private or State surface/federal minerals:</i> 28,800 acres</p> <p><b>All Surface-disturbing Activities</b></p>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use on lands with steep slopes greater than 40 percent.</p> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To minimize the risk of mass wasting and sedimentation; reduce reclamation costs; protect soil productivity, rare, or sensitive biota; minimize risk to water bodies, fisheries, and aquatic species habitats; and protect human health and safety (e.g., from landslides and mass wasting).</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary because accelerated erosion from soils on steep slopes in the GJFO can be a major contributor of nonpoint source pollution in rivers and</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
			streams.
<b>Vegetation</b>			
<b>NSO-2 (ROWA)</b>	<b>Streams/ Springs Possessing Lotic Riparian Characteristics.</b>		<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within a minimum distance of 100 meters (328 feet) from the edge of the ordinary high-water mark (bank-full stage). Where the riparian corridor width is greater than 100 meters (328 feet) from bank-full, prohibit surface occupancy and use and surface-disturbing activities within the riparian zone.</p> <p><b>PURPOSE:</b> To protect water quality and aquatic values and prevent channel degradation, as riparian corridors/flood-prone areas are lands adjacent to waterbodies where activities on land are likely to affect water quality.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, exceptions, which are subject to CSU (site-specific relocation) stipulations, are as follows:</p> <ul style="list-style-type: none"> <li>• Necessary site restoration and management as dictated by initial analysis or later evaluation/monitoring.</li> <li>• Essential stream crossings associated with linear transportation, and utility crossings.</li> </ul> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to maintain the natural hydrologic function and condition of mountain and rangeland stream systems. Properly functioning stream channels, stream banks, and floodplains (including the riparian zone) transport and store sediment at a rate which is in balance with each system's typical flow regime. Any alteration of this system can create an imbalance between sediment supply and flow, resulting in accelerated erosion, decreased water quality, and degraded habitat conditions and for special status aquatic wildlife. This stipulation is also essential to protect fish bearing streams in the GJFO.</p>
<b>NSO-4 (ROWA)</b>	<b>Lentic Riparian Areas (including springs, seeps, and fens).</b>		<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within a minimum distance of 100 meters (328 feet) from the edge of the riparian zone.</p> <p><b>PURPOSE:</b> To protect water quality and aquatic values and prevent channel degradation.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary because surface disturbance within the minimum 100-meter (328-foot) buffer may impair proper function and condition of springs,</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number Protected Resource Acres/Miles Affected	Stipulation Description
	seeps, and fens. Source areas (for springs, seeps, and fens) are delicate and susceptible to any alteration of natural flow patterns, soil infiltration rates, or drainages within the contributing watershed. Changes to these variables may dewater lentic riparian areas, greatly impairing the system's ability to properly function.
<b>HYDROLOGY</b> <b>RIVER NSO</b> <b>CO</b>  <i>All Surface-disturbing Activities</i>	<p><b>Special Status Species</b></p> <p><b>STIPULATION:</b> No surface occupancy or use is allowed within 400 meters (1312 feet) of the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever area is greatest) on the following major river:</p> <p>Colorado, Gunnison, and Dolores Rivers</p> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect rivers and adjacent aquatic habitat that provide: a) <i>special status</i> or <i>critical</i> fish and wildlife species habitat: b) important riparian values: c) water quality/filtering values: d) waterfowl and shorebird production values: e) valuable amphibian habitat: f) 100-year floodplain, and g) high scenic and recreation values of major rivers. Minimizing potential deterioration of water quality, high scenic and recreation values, maintain natural hydrologic function and condition of stream channels, banks, floodplains, and riparian communities, and preserve wildlife habitat including designated critical habitat for federally listed fish species. The buffers are sized to accommodate the rivers' larger floodplains and wider riparian zones.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is required to minimize potential deterioration of water quality, high scenic and recreation values, maintain natural hydrologic function and condition of stream channels, banks, floodplains, and riparian communities, and preserve wildlife habitat including designated critical habitat for federally listed fish species. The buffers are sized to accommodate the rivers' larger floodplains and wider riparian zones.</p>
<b>NSO-2 (ROWA)</b>  <b>Streams/ Springs Possessing Lotic Riparian</b>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within a minimum distance of 100 meters (328 feet) from the edge of the ordinary high-water mark (bank-full stage). Where the riparian corridor width is greater than 100 meters (328 feet) from bank-full, prohibit surface occupancy and use and surface-disturbing activities within the riparian zone.</p> <p><b>PURPOSE:</b> To protect water quality and aquatic values and prevent channel degradation, as</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<p><b>Protected Resource</b></p> <p><b>Acres/Miles Affected</b></p> <p><b>Characteristics.</b></p> <p><b>All Surface-disturbing Activities</b></p>	<p>riparian corridors/flood-prone areas are lands adjacent to waterbodies where activities on land are likely to affect water quality.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, exceptions, which are subject to CSU (site-specific relocation) stipulations, are as follows:</p> <ul style="list-style-type: none"> <li>• Necessary site restoration and management as dictated by initial analysis or later evaluation/monitoring.</li> <li>• Essential stream crossings associated with linear transportation, and utility crossings.</li> </ul> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to maintain the natural hydrologic function and condition of mountain and rangeland stream systems. Properly functioning stream channels, stream banks, and floodplains (including the riparian zone) transport and store sediment at a rate which is in balance with each system’s typical flow regime. Any alteration of this system can create an imbalance between sediment supply and flow, resulting in accelerated erosion, decreased water quality, and degraded habitat conditions and for special status aquatic wildlife. This stipulation is also essential to protect fish-bearing streams in the GJFO.</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<p><b>Protected Resource</b></p> <p><b>Acres/Miles Affected</b></p> <p><b>NSO-12 (Partial ROWA)</b></p> <p><b>ACECs.</b></p> <p>34,600 acres</p> <p><b>All Surface-disturbing Activities</b></p>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities in the following ACECs to protect threatened, proposed, candidate, and sensitive species:</p> <ul style="list-style-type: none"> <li>• Atwell Gulch (2,900 acres);</li> <li>• Badger Wash (2,200 acres);</li> <li>• Pyramid Rock (1,300 acres);</li> <li>• South Shale Ridge (28,200 acres); and</li> <li>• UnawEEP Seep (85 acres).</li> </ul> <p><b>PURPOSE:</b></p> <ul style="list-style-type: none"> <li>• Atwell Gulch: To protect threatened and sensitive plants.</li> <li>• Badger Wash: To protect sensitive plants.</li> <li>• Plateau Creek: To protect sensitive fish species.</li> <li>• Pyramid Rock: To protect known threatened, proposed, and sensitive plants.</li> <li>• South Shale Ridge: To protect threatened, proposed, and sensitive plants.</li> <li>• UnawEEP Seep: To protect sensitive plants and Great Basin Silverspot Butterfly habitat.</li> </ul> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> This stipulation may be modified to include species listed as threatened, endangered, proposed, candidate, or sensitive in the future. This stipulation may also be modified to account for the change in status of species protected in this stipulation.</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect critical habitat for threatened, proposed, and sensitive plants.</p>
<p><b>NSO-13 (ROWA)</b></p> <p><b>Current and Historically Occupied Habitat and Critical Habitat of Threatened, Endangered, Proposed, and Candidate Plant and Animal</b></p>	<p><b>STIPULATION:</b> Prohibit certain surface uses, as specified below, to protect threatened, endangered, proposed, and candidate plants and animals from indirect impacts, loss of immediately adjacent suitable habitat, or impacts to primary constituent elements of critical habitat as designated by USFWS. Maintain existing buffer distances where pre-existing disturbance exists, and reduce redundancies in roads to minimize fragmentation, and minimize direct impacts from motorized and mechanized users of roads, routes and trails. In undisturbed environments and ACECs, prohibit new disturbance within 200 meters (656 feet) of current and historically occupied and suitable habitat. This stipulation includes emergency closures of roads where damage to T&amp;E habitat has occurred.</p> <p><b>PURPOSE:</b> To protect threatened, endangered, proposed, and candidate species from indirect impacts or loss of immediately adjacent suitable habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the NSO may be altered if</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
	<b>Species.</b>		all of the following conditions are met:
	<b>All Surface-disturbing Activities</b>		<ol style="list-style-type: none"> <li>1. Section 7 consultation with USFWS on threatened or endangered species has been completed;</li> <li>2. Valid current surveys for protected species have been completed and submitted;</li> <li>3. Mitigation has been applied to avoid adverse impacts to protected species and the proponent will submit monitoring reports; and</li> <li>4. The proposed disturbance will occur in unsuitable habitat.</li> </ol> <p>Other surface-disturbing activities may be allowed in suitable habitat if conditions 1 through 3 above are met, and the purpose</p> <p>or the result of the activity will improve habitat conditions for the protected species.</p> <p>Allow occupancy within 200 meters (656 feet) when terrain and topography provide adequate protections</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect threatened, endangered, proposed, and candidate species and ensure the preservation of their habitat (including plant pollinator habitat).</p>
<b>NSO-23 (ROWA)</b>	<b>Golden Eagle Nest Sites.</b>		<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities (beyond that which historically occurred in the area prior to nest establishment) within 402 meters (0.25-mile) of active golden eagle nest sites and associated alternate nests.</p> <p><b>PURPOSE:</b> To protect golden eagle nesting habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the NSO area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect golden eagle nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>NSO-24 (ROWA)</b>			<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities (beyond that which historically occurred in the area prior to nest establishment) within 402 meters (0.25-</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>Bald Eagle Nest Sites.</b>  <i>All Surface-disturbing Activities</i>	mile) of active bald eagle nests.  <b>PURPOSE:</b> To protect bald eagle nesting habitat.  <b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the NSO area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.  <b>MODIFICATION:</b> Standard modifications apply (Section B.2).  <b>WAIVER:</b> Standard waivers apply (Section B.2).  <b>JUSTIFICATION:</b> This stipulation is necessary to protect bald eagle nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors (CPW 2008)</i> .

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
<b>NSO-25</b> (ROWA)	<b>Sage-grouse Leks, Nesting, and Early Brood-rearing Habitat</b> (4 miles).		<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within 6.4 kilometers (4 miles) of an active lek or within sage-grouse nesting and early brood-rearing habitat.</p> <p><b>PURPOSE:</b> To protect breeding, nesting, and brood-rearing habitat for the Gunnison and greater sage-grouse.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the NSO area may be altered depending upon the active status of the lek or the geographical relationship of topographical barriers and vegetation to the lek site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to minimize impacts on Greater and Gunnison Sage-Grouse. The four mile buffer is consistent with current scientific research recommendations (The Parachute-Piceance-Roan (PPR) Greater Sage-Grouse Work Group 2008).</p>
<b>NSO-26</b> (ROWA)	<b>Canyon Treefrog, Midget Faded Rattlesnake, Northern Leopard Frog, Great Basin Spadefoot, Long-nosed Leopard Lizard, Boreal Toad</b> (no buffer).		<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within all identified canyon treefrog, northern leopard frog, midget faded rattlesnake, Great Basin spadefoot, long-nosed leopard lizard (<i>Gambelia wislizenii</i>), and boreal toad breeding and denning sites.</p> <p><b>PURPOSE:</b> To protect breeding habitat for canyon treefrog, northern leopard frog, midget faded rattlesnake, Great Basin spadefoot, long-nosed leopard lizard, and boreal toad. Note: no midget faded rattlesnake or boreal toad breeding locations are currently identified in the GJFO.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect important breeding habitat for these species. The Northern Leopard Frog has been petitioned for listing under the Endangered Species Act of 1973.</p>
<b>WILDLIFE BAT NSO CO</b>			<p><b>STIPULATION:</b> No surface occupancy or use is allowed within a 402 meter (0.25 mile) radius of the entrance of maternity roosts or hibernacula of BLM sensitive bat species, as mapped in the Resource Management Plan, BLM's GIS database or other maps provided by local, state, federal or tribal agencies that are analyzed and accepted by the BLM.</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>Protected Resource</b> <b>Acres/Miles Affected</b> <b>Activities</b>	<SPECIES>  <b>On the following lands:</b> <LEGAL_DESCRIPTION>  <b>PURPOSE:</b> To protect sensitive bat species' maternity roosts and hibernacula. <b>EXCEPTION:</b> Standard exceptions apply (Section B.2). <b>MODIFICATION:</b> Standard modifications apply (Section B.2). <b>WAIVER:</b> Standard waivers apply (Section B.2). <b>JUSTIFICATION:</b> This stipulation is necessary to minimize impacts on important bat areas.
<b>NSO-30 (ROWA)</b>  <b>Occupied Prairie Dog Towns (no buffer).</b>  <b>All Surface-disturbing Activities</b>	<b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities (beyond that which historically occurred in the area) within active white-tailed prairie dog towns in the Prairie Canyon Wildlife Emphasis Area.  <b>PURPOSE:</b> To maintain or improve white-tailed prairie dog habitat and distribution. <b>EXCEPTION:</b> Standard exceptions apply (Section B.2). Additional exception criteria include activities that avoid the center of active towns while maintaining the integrity of the town's social structure. <b>MODIFICATION:</b> Standard modifications apply (Section B.2). <b>WAIVER:</b> Standard waivers apply (Section B.2). <b>JUSTIFICATION:</b> This stipulation is necessary to protect prairie dogs, a keystone species whose population has been declining across the western US.
<b>NSO-32 (ROWA)</b>  <b>Research Sites.</b> 130 acres  <b>All Surface-disturbing Activities</b>	<b>Fish and Wildlife</b> <b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities in approved research sites including, but not limited to, the Ant Research Area (16 Road) and the Owl Banding Station (south of DeBeque).  <b>PURPOSE:</b> To maintain the integrity of ongoing research stations. <b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, exceptions will be granted for work to be done in the research areas consistent with the goals and objectives of the research being conducted on the site. <b>MODIFICATION:</b> Standard modifications apply (Section B.2). <b>WAIVER:</b> Standard waivers apply (Section B.2).

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>Protected Resource</b>  <b>Acres/Miles Affected</b>	<p><b>JUSTIFICATION:</b> This stipulation is necessary to protect long-term, ongoing research sites within the GJFO. If research sites are impacted, they incur the potential for research findings to be negatively affected.</p>
<b>NSO-12 (Partial ROWA)</b>  <b>ACECs.</b>  74,800 acres  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities in the following ACECs to protect threatened, proposed, candidate, and sensitive species and habitat:</p> <ul style="list-style-type: none"> <li>• Atwell Gulch (2,900 acres);</li> <li>• Indian Creek (2,300 acres);</li> <li>• Palisade (32,200 acres);</li> <li>• Rough Canyon (2,800 acres);</li> <li>• Sinbad Valley (6,400 acres); and</li> <li>• South Shale Ridge (28,200 acres).</li> </ul> <p><b>PURPOSE:</b></p> <ul style="list-style-type: none"> <li>• Atwell Gulch: To protect wildlife habitat.</li> <li>• Colorado River Riparian: To protect fisheries values.</li> <li>• Glade Park-Pinyon Mesa: To protect Gunnison Sage-Grouse critical habitat.</li> <li>• Indian Creek: To protect wildlife values.</li> <li>• The Palisade: To protect special status wildlife.</li> <li>• Plateau Creek: To protect fisheries values.</li> <li>• Prairie Canyon: To protect wildlife habitat.</li> <li>• Roan and Carr Creeks: To protect core conservation populations of cutthroat trout.</li> <li>• Rough Canyon: To protect wildlife habitat.</li> <li>• Sinbad Valley: To protect wildlife resources.</li> <li>• South Shale Ridge: To protect wildlife habitat.</li> </ul> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> This stipulation may be modified to include species listed as threatened, endangered, proposed, candidate, or sensitive in the future. This stipulation may also be modified to account for the change in status of species protected in this stipulation.</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect critical habitat for threatened, proposed, and sensitive plants.</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>RECREATION PARKS NSO CO</b>  <i>All Surface-disturbing Activities</i>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use within the boundaries of the following county parks, state parks, state wildlife areas, federal wildlife refuges, and/or National Park Service units:</p> <ul style="list-style-type: none"> <li>• Horsethief Canyon State Wildlife Area (1,400 acres)</li> <li>• Jerry Creek Reservoir State Wildlife Area (870 acres)</li> <li>• Plateau Creek State Wildlife Area (1,400 acres)</li> <li>• Highline State Park (350 acres)</li> <li>• Vega State Park (2,000 acres)</li> </ul> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect the resources of wildlife refuges and park units, such as county parks, state parks, and wildlife areas, and federal parks and wildlife refuges.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to prevent placement of facilities within the state wildlife areas, where BLM manages the fluid mineral rights.</p>
<b>NSO-34 (ROWA) Elk Production Area.</b>  <i>BLM surface/federal minerals:</i> 13,100 acres  <i>Private or State surface/federal minerals:</i> 25,100 acres  <i>All Surface-disturbing Activities</i>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities in elk production areas year-round.</p> <p><b>PURPOSE:</b> To protect elk production areas.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard modifications apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to reduce surface disturbance and habitat fragmentation on BLM lands that CPW has identified as elk calving habitat.</p>
<b>WILDLIFE HABITAT</b>	<p><b>STIPULATION:</b> No surface occupancy or use is allowed within the following wildlife emphasis or priority areas, as identified in the Resource Management Plan:</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
<b>NSO CO</b> <i>All Surface-disturbing Activities</i>			<ul style="list-style-type: none"> <li>• Blue Mesa (wintering habitat for mule deer and elk) (9,300 acres);</li> <li>• Bull Hill (wintering habitat for mule deer and elk) (4,800 acres);</li> <li>• A portion of East Salt Creek (wintering habitat for mule deer and elk) (4,500 acres);</li> <li>• A portion of Prairie Canyon (pronghorn antelope habitat) (5,600 acres);</li> <li>• Sunnyside (wintering and migratory habitat for bighorn sheep, mule deer, elk, and Greater Sage-Grouse) (14,500 acres); and</li> <li>• Timber Ridge (habitat for mule deer, elk, and Gunnison Sage-Grouse) (11,800 acres).</li> </ul> <p><b>On the following lands:</b>            &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect lands identified in the Resource Management Plan as unique and important wildlife habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect the highest priority wildlife habitat for deer, elk, antelope, bighorn sheep, and sage-grouse. Wildlife emphasis areas were identified in coordination with CPW biologists.</p>
<b>Wild Horses</b>			
<b>NSO-36 (ROWA)</b>	Little Book Cliffs Wild Horse Range.	35,200 acres	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities on lands within the LBCWHR.</p> <p><b>PURPOSE:</b> To reduce impacts on wild horses in the LBCWHR.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, exceptions will be granted for gather activities, vegetative treatments, water hauling or the development of springs, catchments, reservoirs, storage tanks, exclosures or fences designed to improve wild horse forage, distribution, containment, or overall management.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard modifications apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to mitigate impacts that could interfere with the protection and management of wild horses in the LBCWHR.</p>
<b>Cultural Resources</b>			
<b>NSO-37 (ROWA)</b>			<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities, including</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<p><b>Protected Resource</b></p> <p><b>Acres/Miles Affected</b></p> <p><b>Allocation to Conservation Use Category.</b></p> <p><i>All Surface-disturbing Activities</i></p>	<p>archaeological excavation, within 100 meters (328 feet) around eligible sites allocated to Conservation Use.</p> <p><b>PURPOSE:</b> To protect unique scientific information in sites allocated to Conservation Use.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> The BLM's Authorizing Officer may modify the site-protection boundary on a case-by-case basis, taking into account topographical barriers, the design of the proposed action, and the characteristics of the cultural resource site and/or area.</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to preserve sites allocated to Conservation Use, where mitigation through data recovery is not an option. This stipulation allows the BLM to mitigate impacts that can cause significant degradation to the site integrity criteria that are applied in the designation of the cultural resource as eligible or potentially eligible for nomination to the NRHP (<i>36 CFR part 800.5(a)(1)</i>).</p>
<p><b>NSO-38 (ROWA)</b></p> <p><b>Allocation to Traditional Use Category.</b></p> <p><i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within 200 meters (656 feet), from the boundary of the following known eligible or potentially eligible sites allocated to Traditional Use. In addition, consider visual impacts that projects may have on sites allocated to this use, and apply appropriate mitigation, which may include redesign.</p> <p><b>PURPOSE:</b> To protect values that contribute to sites allocated to Traditional Use.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> The BLM's Authorizing Officer may modify the site-protection boundary on a case-by-case basis after completion and documentation of Native American Consultation, taking into account topographical barriers, the design of the proposed action, and the characteristics of the cultural resource site and/or area.</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to address indirect or secondary impacts that can occur to cultural resources that have been identified by the Ute Indian Tribe and Ute Mountain Ute Indian Tribe. This stipulation buffer has been established through consultation conducted with the Ute Indian Tribe for the Orchard GAP (shared CRVFO-GJFO MDP) and during the RMP Ute Ethnohistory project with the Ute Indian Tribe and the Ute Mountain Ute Tribe. Impacts to Traditional Use sites are typically not mitigated through data recovery. This stipulation allows the BLM to mitigate impacts that can cause significant degradation to the site integrity criteria that are applied in the designation of the cultural resource as eligible or potentially eligible for nomination to the NRHP (<i>36 CFR part 800.5(a)(1)</i>).</p>

**Table B-5  
No Surface Occupancy (NSO) Stipulations Applicable to  
Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number Protected Resource Acres/Miles Affected	Stipulation Description
<p><b>NSO-39</b> (ROWA <b>Cultural Resources</b> <b>(Indian Creek)</b>. 1,700 acres <i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities in the following areas:</p> <ul style="list-style-type: none"> <li>• West Indian Creek (520 acres); and</li> <li>• East Indian Creek (1,200 acres).</li> </ul> <p><b>PURPOSE:</b> To protect cultural resources.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard modifications apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary because data recovery to mitigate adverse effects (for the purposes of compliance with Section 106 of the NHPA) is not an objective for these sites. This stipulation also preserves the site(s) within these areas for long term research projects.</p>
<b>Visual Resources</b>	
<p><b>VISUAL CLASS I NSO CO</b> <i>All Surface-Disturbing Activities</i> 98,700 acres</p>	<p><b>STIPULATION:</b> No surface occupancy or use is allowed in VRM Objective Class I areas, the Goblins, Highway 141 along the Dolores River (55,200 acres), and Unaweep Canyon ROW Corridor (54,000 acres) (Exhibit GJ-IGM).</p> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect the quality of the scenic (visual) values.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard modifications apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to ensure the protection of vital visual features in the GJFO landscape.</p>
<b>Lands Managed for Wilderness Characteristics</b>	
<p><b>LANDS WITH WILDERNESS CHARACTERISTICS NSO CO.</b></p>	<p><b>STIPULATION:</b> No surface occupancy or use is allowed on identified lands being managed to protect inventoried wilderness characteristics, in accordance with the Resource Management Plan:</p> <ul style="list-style-type: none"> <li>• Bangs Canyon (19,600 acres);</li> <li>• Maverick (17,800 acres);</li> <li>• Unaweep Canyon (6,700 acres)</li> </ul>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
44,100 acres	<i>All Surface-disturbing Activities</i>		<p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect inventoried wilderness characteristics and their locally, regionally, or nationally significant recreational, social, economic, and environmental values.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard modifications apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to ensure lands with identified wilderness characteristics remain in their current undeveloped state.</p>
<b>Recreation and Visitor Services</b>			
<b>RECREATION SRMA NSO CO</b>	<i>All Surface-disturbing Activities</i>	87,000 acres	<p><b>STIPULATION:</b> No surface occupancy or use is allowed within the following Special Recreation Management Areas (SRMAs) as identified in the Resource Management Plan:</p> <ul style="list-style-type: none"> <li>• Bangs;</li> <li>• Dolores River Canyon;</li> <li>• North Fruita Desert; and</li> <li>• Palisade Rim.</li> </ul> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect specific recreation-tourism visitors and/or community customer markets to be served, and maintain the specific setting character and/or service delivery system conditions that are essential to achievement of the experiences and benefits identified in management objectives for the SRMA.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect areas important to recreation users which may also include large facility investments. Protection of RMZs is necessary to meet desired recreation outcomes.</p>
<b>RECREATION PARKS NSO CO</b>			<p><b>STIPULATION:</b> Prohibit surface occupancy and use within the boundaries of the following county parks, state parks, state wildlife areas, federal wildlife refuges, and/or National Park Service units:</p>

**Table B-5  
No Surface Occupancy (NSO) Stipulations Applicable to  
Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number Protected Resource Acres/Miles Affected	Stipulation Description
<b>All Surface-disturbing Activities</b>	<ul style="list-style-type: none"> <li>• Horsethief Canyon State Wildlife Area (1,400 acres)</li> <li>• Jerry Creek Reservoir State Wildlife Area (870 acres)</li> <li>• Plateau Creek State Wildlife Area (1,400 acres)</li> <li>• Highline State Park (350 acres)</li> <li>• Vega State Park (2,000 acres)</li> </ul> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect the resources of wildlife refuges and park units, such as county parks, state parks, and wildlife areas, and federal parks and wildlife refuges.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to prevent placement of facilities within the state wildlife areas, where BLM manages the fluid mineral rights.</p>
<b>RECREATION PARKS NSO CO</b>	<p align="center"><b>Fluid Minerals (Oil and Gas and Geothermal Resources)</b></p> <p><b>STIPULATION:</b> Prohibit surface occupancy and use within the boundaries of the following county parks, state parks, state wildlife areas, federal wildlife refuges, and/or National Park Service units:</p> <ul style="list-style-type: none"> <li>• Horsethief Canyon State Wildlife Area (1,400 acres)</li> <li>• Jerry Creek Reservoir State Wildlife Area (870 acres)</li> <li>• Plateau Creek State Wildlife Area (1,400 acres)</li> <li>• Highline State Park (350 acres)</li> <li>• Vega State Park (2,000 acres)</li> </ul> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect the resources of wildlife refuges and park units, such as county parks, state parks, and wildlife areas, and federal parks and wildlife refuges.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to prevent placement of facilities within the</p>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource Acres/Miles Affected	Stipulation Description
		state wildlife areas, where BLM manages the fluid mineral rights.
<b>ACECs</b>		
<b>NSO-12</b> ( <i>Partial ROWA</i> )	<b>ACECs.</b> 89,800 acres <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use (for fluid minerals only in Alternative A), and prohibit surface occupancy and use and surface-disturbing activities, within the following ACECs:</p> <ul style="list-style-type: none"> <li>• Atwell Gulch (2,900 acres);</li> <li>• Badger Wash (2,200 acres);</li> <li>• Dolores River Riparian (7,400 acres);</li> <li>• Indian Creek (2,300 acres);</li> <li>• Juanita Arch (1,600 acres);</li> <li>• Mt. Garfield (2,400 acres);</li> <li>• Palisade (32,200 acres);</li> <li>• Pyramid Rock (1,300 acres);</li> <li>• Rough Canyon (2,800 acres);</li> <li>• Sinbad Valley (6,400 acres);</li> <li>• South Shale Ridge (28,200 acres); and</li> <li>• Unaweep Seep (85 acres).</li> </ul> <p><b>PURPOSE:</b> To protect and prevent irreparable damage to resources described in the relevance and importance criteria for which the ACEC was established.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> This stipulation may be waived or reduced in scope if circumstances change, or if the lease can demonstrate that operations can be conducted without causing unacceptable impacts on the concern(s) identified. If this stipulation is waived or reduced in scope, any of the other attached stipulations (if any) may impact operations on this lease.</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect areas that contain highly important resources requiring special protections.</p>
<b>Wilderness Study Areas</b>		
<b>NSO-43</b>	<b>Wilderness Study Areas.</b>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities in WSAs in accordance with BLM Manual 6330, Management of Wilderness Study Areas.</p> <ul style="list-style-type: none"> <li>• Demaree Canyon (22,700 acres);</li> <li>• Little Book Cliffs (29,300 acres);</li> </ul>

**Table B-5**  
**No Surface Occupancy (NSO) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
96,500 acres	All Surface-disturbing Activities	96,500 acres	<ul style="list-style-type: none"> <li>• The Palisade (26,700 acres);</li> <li>• Sewemup Mesa (17,800 acres).</li> </ul> <p><b>PURPOSE:</b> To preserve wilderness characteristics in WSAs in accordance with non-impairment standards as defined by BLM Manual 6330.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to preserve wilderness characteristics in WSAs in accordance with non-impairment standards as defined by BLM Manual 6330.</p>
NSO-45 (ROWA)			
Old Spanish National Historic Trail (50 meters).	All Surface-disturbing Activities	1,000 acres	<p>Wild and Scenic Rivers National Trails</p> <p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within 50 meters (164 feet) either side of the center line of the congressionally designated Old Spanish National Historic Trail.</p> <p><b>PURPOSE:</b> To protect the physical evidence of the trail, associated cultural and historic resources, and integrity of the viewshed associated with the Old Spanish National Historic Trail.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, exceptions will be granted for actions not resulting in long-term adverse impacts to the trail.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect the cultural and historic resources along this congressionally designated historic trail.</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
<b>Water Resources</b>	
<p><b>CSU-39</b></p> <p><b>Roan and Carr Creeks ACEC.</b></p> <p>33,600 acres</p> <p><i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required in the Roan and Carr Creeks ACEC (33,600 acres).</p> <p><b>PURPOSE:</b> To protect and prevent irreparable damage to unique riparian habitats, genetically pure populations of cutthroat trout, and Greater Sage-Grouse habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect areas that contain highly important resources requiring special protections.</p>
<p><b>CSU-3 (ROWA)</b></p> <p><b>Definable Streams.</b></p> <p><i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Surface-disturbing actions within a minimum distance of 30 meters (98 feet) from the edge of the ordinary high-water mark (bank-full stage) shall be avoided to the greatest extent practicable and disturbances will be subject to site specific relocation at the discretion of the BLM.</p> <p><b>PURPOSE:</b> To protect watershed resource values and reduce non-point source pollutant contributions to the Colorado River system.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2)</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to carefully plan and appropriately mitigate disturbances near surface water drainages in order to reduce non-point source pollutant contributions from BLM lands to the Colorado River system.</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

<b>Stipulation Number</b> <b>Protected Resource</b> <b>Acres/Miles Affected</b>	<b>Stipulation Description</b>
<p><b>CSU-4 (ROWA)</b>  <b>Collbran and Mesa/ Powderhorn Source Water Protection Areas, and Jerry Creek Watershed.</b>  <i>BLM surface/ federal minerals:</i>                      148,200 acres    <i>Private or State surface/federal minerals:</i>                      30,300 acres    <b>All Surface-disturbing Activities</b></p>	<p><b>STIPULATION:</b> Require that all ground disturbances within source water protection areas and the Jerry Creek watershed avoid interference with watershed resource values.  <b>PURPOSE:</b> To protect watershed resource values.  <b>EXCEPTION:</b> Standard exceptions apply (Section B.2).  <b>MODIFICATION:</b> Standard modifications apply (Section B.2).  <b>WAIVER:</b> Standard waivers apply (Section B.2)  <b>JUSTIFICATION:</b> This stipulation is necessary because land management actions can compromise both water quality and quantity if proper locations, mitigation and construction techniques are not utilized.</p>
<p><b>GEOLOGY SOIL CSU CO</b>    <b>All Surface-disturbing Activities</b></p>	<p><b>Soils and Geology</b>  <b>STIPULATION:</b> Surface occupancy or use may be restricted on lands within mapped soils with the following special characteristics:                      Fragile soils and mapped Mancos shale and saline soils.                      Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to avoid, minimize and mitigate potential effects to soil productivity.  <b>On the following lands:</b>                      &lt;LEGAL_DESCRIPTION&gt;  <b>PURPOSE:</b> To improve reclamation potential, maintain soil stability and productivity of sensitive areas, minimize contributions of salinity, selenium and sediments likely to affect downstream water quality, fisheries and other downstream aquatic habitats.  <b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p>

**Table B-6  
Controlled Surface Use (CSU) Stipulations Applicable to  
Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number Protected Resource Acres/Miles Affected	Stipulation Description
	<p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to decrease potential degradation to soil and watershed resources within the Greater Colorado River Basin. Land use decisions occurring on mapped areas of Mancos Shale (e.g., conversion of native vegetative communities to irrigated hay fields or golf courses) have been documented to mobilize selenium and contaminate ground and surface water resources. The Colorado River Basin Salinity Control Act of 1974 directed the BLM to manage the Colorado River's salinity, including salinity contributed from public lands.</p>
<p><b>PLANT COMMUNITY CSU CO</b></p> <p><i>All Surface-disturbing Activities</i></p>	<p align="center"><b>Vegetation</b></p> <p><b>STIPULATION:</b> Surface occupancy or use may be restricted within occupied habitat that meets BLM's criteria, as established in the Resource Management Plan, for significant and/or relict plant communities:</p> <ul style="list-style-type: none"> <li>• all old growth forests and woodlands and</li> <li>• plant communities that meet BLM's criteria for significant plant communities</li> </ul> <p>Special design, construction and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit a plan of development that will demonstrate that habitat will be preserved to maintain the viability of significant or relict plant communities.</p> <p><b>On the following lands:</b> &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To conserve significant and/or relict plant communities (e.g., old growth forests and Blue Mountain Deciduous Browse/Aspen Communities and woodlands) that are not otherwise protected.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to minimize the loss of old growth trees by adjusting the location of well pads, access roads, and other development; and to limit new disturbance within relic plant communities, thus reducing fragmentation, and the possibility of degradation or loss.</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
	<b>Special Status Species</b>
<b>CSU-9 (ROWA)</b>  <b>BLM Sensitive Plant Species Occupied Habitat.</b>	<p><b>STIPULATION:</b> For plant species listed as sensitive by BLM, special design, construction, and implementation measures within a 100-meter (328 feet) buffer from the edge of occupied habitat may be required. In addition, relocation of operations by more than 200 meters (656 feet) may be required.</p> <p><b>PURPOSE:</b> To protect BLM sensitive plant species from direct and indirect impacts, including loss of habitat. The protection buffer reduces dust transport, weed invasion, chemical and produced-water spills and those effects on BLM sensitive plant populations. It also reduces impacts to important pollinators and their habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to reduce direct impacts to sensitive status species by placing disturbances outside of occupied habitat.</p>
<b>CSU-10 (ROWA)</b>  <b>Wildlife Habitat.</b>  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Require proponents of surface-disturbing activities to implement specific measures to mitigate impacts of operations on wildlife and wildlife habitat within high-value or essential wildlife habitat. Measures will be determined through biological surveys, onsite inspections, effects of previous actions in the area, and BMPs.</p> <p><b>PURPOSE:</b> To reduce impacts of surface disturbing activities and related actions on wildlife and wildlife habitat within high-value or crucial wildlife habitat including, but not limited to, big game winter range and Gunnison and greater sage grouse habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to remain in compliance with current BLM sage grouse direction and allow for protection of essential habitat for wildlife species.</p>
<b>CSU-13 (ROWA)</b>  <b>Osprey Nest Sites.</b>  <b>All Surface-disturbing</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions within 402 meters (0.25-mile) of active osprey nest sites.</p> <p><b>PURPOSE:</b> To protect osprey habitat and nest sites.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
<b>Activities</b>	<p>and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect osprey nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>CSU-14 (ROWA)</b> <b>Ferruginous Hawk Nest Sites.</b> <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions within 805 meters (0.5-mile) of active ferruginous hawk nest sites, and associated alternate nests.</p> <p><b>PURPOSE:</b> To protect ferruginous hawk nesting habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect ferruginous hawk nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>CSU-15 (ROWA)</b> <b>Red-tailed Hawk Nest Sites.</b> <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions within 531 meters (0.33-mile) of active red-tailed hawk nest sites, and associated alternate nests.</p> <p><b>PURPOSE:</b> To protect red-tailed hawk nesting habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect red-tailed hawk nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>Protected Resource</b>  <b>Acres/Miles Affected</b>  <b>CSU-16 (ROWA)</b>  <b>Swainson's Hawk Nest Sites.</b>  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions within 402 meters (0.25-mile) of active Swainson's hawk nest sites and associated alternate nests.</p> <p><b>PURPOSE:</b> To protect ferruginous hawk nesting habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect Swainson's hawk nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>CSU-17 (ROWA)</b>  <b>Peregrine Falcon Nest Sites.</b>  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions within 805 meters (0.5-mile) of active peregrine falcon nest sites.</p> <p><b>PURPOSE:</b> To protect peregrine falcon nesting habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect peregrine falcon nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>CSU-18 (ROWA)</b>  <b>Prairie Falcon Nest Sites.</b>  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions within 805 meters (0.5-mile) of active prairie falcon nest sites.</p> <p><b>PURPOSE:</b> To protect prairie falcon nesting habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect prairie falcon nesting habitat per</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
	<i>CPW's Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors (CPW 2008).</i>
<b>CSU-19 (ROWA)</b>  <b>Other Raptor Species (accipiters, falcons [except kestrel], buteos, and owls).</b>  <i>All Surface-disturbing Activities</i>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions within 201 meters (0.125-mile) of an active nest site of all accipiters, falcons (except kestrel), buteos, and owls not listed in other CSU stipulations. Raptors that are listed and protected by the Endangered Species Act of 1973 and the Bald and Golden Eagle Protection Act are addressed separately.</p> <p><b>PURPOSE:</b> To protect nesting habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect raptor nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors (CPW 2002)</i>.</p>
<b>CSU-22 (ROWA)</b>  <b>Kit Fox Dens.</b>  <i>All Surface-disturbing Activities</i>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to, and require mitigation and minimization measures (as determined by the BLM biologist) of, surface occupancy and use and surface-disturbing activities within 200 meters (656 feet) of active kit fox dens.</p> <p><b>PURPOSE:</b> To protect breeding kit fox. Note: there are currently no known breeding locations for kit fox in the GJFO.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect breeding kit fox, which have become increasingly rare in Colorado and appear to be significantly more susceptible to disturbance than other canids in the GJFO.</p>
<b>CSU-23 (ROWA)</b>  <b>Occupied Prairie Dog Towns.</b>  <i>All Surface-disturbing Activities</i>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to surface-disturbing activities within white-tailed prairie dog towns. Locate permanent above-ground structures outside of prairie dog towns.</p> <p><b>PURPOSE:</b> To maintain white-tailed prairie dog habitat and distribution.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the CSU area may be altered depending upon the type of activity and existing disturbance within or adjacent to white-tailed</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>Protected Resource</b>  <b>Acres/Miles Affected</b>  <b>Activities</b>	prairie dog towns.  <b>MODIFICATION:</b> Standard modifications apply (Section B.2).  <b>WAIVER:</b> Standard waivers apply (Section B.2).  <b>JUSTIFICATION:</b> This stipulation is necessary to protect prairie dogs, a keystone species whose population has been declining in the GJFO and across the western US. This stipulation will help to minimize total abandonment of towns by prairie dog colonies due to disturbance.
<b>Fish and Wildlife</b>	
<b>CSU-10 (ROWA)</b>  <b>Wildlife Habitat.</b>  <b>All Surface-disturbing Activities</b>	<b>STIPULATION:</b> Require proponents of surface-disturbing activities to implement specific measures to mitigate impacts of operations on wildlife and wildlife habitat within high-value or crucial wildlife habitat. Measures will be determined through biological surveys, onsite inspections, effects of previous actions in the area, and BMPs.  <b>PURPOSE:</b> To reduce impacts of surface disturbing activities and related actions on wildlife and wildlife habitat within high-value or crucial wildlife habitat including, but not limited to, big game winter range and Gunnison and greater sage grouse habitat.  <b>EXCEPTION:</b> Standard exceptions apply (Section B.2).  <b>MODIFICATION:</b> Standard modifications apply (Section B.2).  <b>WAIVER:</b> Standard waivers apply (Section B.2).  <b>JUSTIFICATION:</b> This stipulation is necessary to remain in compliance with current BLM sage grouse direction and allow for protection of essential habitat for wildlife species.
<b>WILDLIFE HABITAT CSU CO</b>  <b>All Surface-disturbing Activities</b>	<b>STIPULATION:</b> Surface occupancy or use may be restricted within the following wildlife emphasis or priority areas, as identified in the Resource Management Plan: <ul style="list-style-type: none"> <li>• Beehive (habitat for mule deer and elk) (4,700 acres);</li> <li>• A portion of East Salt Creek (habitat for mule deer and elk) (20,500 acres);</li> <li>• Glade Park (habitat for Gunnison Sage-Grouse, mule deer, and elk) (27,200 acres);</li> <li>• A portion of Prairie Canyon (long billed curlew, long eared owl, pronghorn antelope, white-tailed prairie dog, kit fox, and burrowing owl habitat) (16,500 acres);</li> <li>• A portion of Rapid Creek (wintering and migratory habitat for mule deer and elk) (26,900 acres); and</li> <li>• Winter Flats (deer and elk wintering grounds) (3,500 acres).</li> </ul> <p>Special design, construction and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. A plan of development may be required to</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>Protected Resource</b>  <b>Acres/Miles Affected</b>	<p>demonstrate how potential adverse impacts to wildlife habitat will be mitigated.</p> <p><b>On the following lands:</b>            &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To protect lands identified in the Resource Management Plan as unique and important wildlife habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect the highest priority wildlife habitat for deer, elk, antelope, bighorn sheep, and sage-grouse, Wildlife emphasis areas were identified in coordination with CPW biologists.</p>
<b>CSU-24 (ROWA)</b>  <b>Deer and Elk Migration and Movement Corridors.</b>  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to surface-disturbing activities within migration and movement corridors for deer and elk.</p> <p><b>PURPOSE:</b> To protect deer and elk migration and movement corridors.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to ensure connectivity between summer and winter ranges for deer and elk. Fragmentation is an increasing problem in deer and elk habitat and this stipulation will help to maintain existing corridors on BLM lands.</p>
<b>CSU-27(ROWA)</b>  <b>Allocation to Scientific Use Category.</b>  <b>All Surface-disturbing Activities</b>	<p><b>Wild Horses</b>  <b>Cultural Resources</b></p> <p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to certain surface uses, as specified below, except archaeological documentation and excavation, within 100 meters (328 feet) around eligible or potentially eligible sites allocated to Scientific Use.</p> <p><b>PURPOSE:</b> To protect unique scientific information in sites that may be damaged from inadvertent or unauthorized uses.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> The BLM's Authorizing Officer may modify the site-protection boundary on a case-by-case basis, taking into account topographical barriers, the nature of the proposed</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<p>Protected Resource</p> <p>Acres/Miles Affected</p>	<p>action, and the nature of the cultural resource site and/or area.</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to address indirect or secondary impacts that can occur to cultural resources. Indirect and secondary impacts are typically not mitigated through data recovery by the proponent. Managing properties by addressing only direct impacts can lead to adverse effect and the loss of the resource. This stipulation allows the BLM to mitigate impacts that can cause significant degradation to the site integrity criteria that are applied in the</p> <p>designation of the cultural resource as eligible or potentially eligible for nomination to the NRHP (36 CFR part 800.5(a)(1)).</p>
<p><b>CSU-28 (ROWA)</b></p> <p><b>Allocation to Public Use Category.</b></p> <p><i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to certain surface uses, as specified below, within 100 meters (328 feet) around sites allocated to Public Use. In addition, consider factors such as integrity of setting, recreation opportunity, or visual impacts that projects may have on sites allocated to this use.</p> <p><b>PURPOSE:</b> To protect the values that contribute to sites allocated to Public Use.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> The BLM's Authorizing Officer may modify the site-protection boundary on a case-by-case basis, taking into account topographical barriers, the nature of the proposed action, and the nature of the cultural resource site and/or area.</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect sites allocated to Public Use, including those that may not meet the criteria for the NRHP but are important for heritage tourism as a visual resource of a rural landscape.</p>
<p><b>CSU-29 (ROWA)</b></p> <p><b>Sub-surface Inventory.</b></p> <p>53,500 acres</p> <p><i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Require sub-surface inventory for deep sub-surface-disturbing activities and buried ROW in the following locations and in additional areas where high potential for subsurface resources may be identified in the future:</p> <ul style="list-style-type: none"> <li>• Grand Mesa Slopes (16,000 acres);</li> <li>• Indian Creek (20,200 acres); and</li> <li>• Sunnyside (17,300 acres).</li> </ul> <p><b>PURPOSE:</b> To protect cultural resources.</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
<b>Protected Resource</b>  <b>Acres/Miles Affected</b>	<p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is needed to protect buried cultural resources within areas of high potential for sub-surface activities.</p>
<b>Visual Resources</b>	
<b>CSU-30 (ROWA)</b>  <b>VRM Class II.</b>  392,400 acres  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to fluid mineral leasing and other surface-disturbing activities within all areas designated as VRM Class II. Require that surface-disturbing activities meet the objectives of VRM Class II.</p> <p><b>PURPOSE:</b> To protect visual resources.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, an exception could be granted for bond projects within scenic byways to ensure that visual and reclamation objectives are achieved. Facility design shall incorporate viewshed analysis and modeling to minimize impacts to visual resources. Special mitigation measures such as facility placement and color selection have been proposed to reduce impacts to visual resources.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is needed to maintain the visual integrity within designated Class II VRM areas. A CSU will allow placement of facilities and disturbances outside of the critical view sheds.</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
	<b>Recreation and Visitor Services</b>
<b>CSU-31 (ROWA)</b>  <b>Recreation.</b>  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to surface occupancy and use and surface-disturbing activities to minimize conflicts with developed (and future) recreation sites and to mapped (and future) national/regional trails, local system trails that connect communities, and trailheads and interpretive sites with exceptional recreation values or significant public interest.</p> <p>Apply this stipulation to the following sites that lie outside of designated RMAs:</p> <ul style="list-style-type: none"> <li>• Low Gap Recreation Site;</li> <li>• North Soda Recreation Site;</li> <li>• Miracle Rock Recreation Site;</li> <li>• Mud Springs Campground; and</li> <li>• West Creek Picnic Site.</li> </ul> <p><b>PURPOSE:</b> To minimize conflicts with developed (and future) recreation sites and to mapped (and future) national/regional trails, local system trails that connect communities, and trailheads and interpretive sites with exceptional recreation values or significant public interest.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to assure significant public investment and desired recreation opportunities are protected from surface-disturbing occupancy.</p>
<b>CSU-32</b>  <b>Recreation Management Areas.</b>  227,100 acres  <b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions in the following RMAs:</p> <ul style="list-style-type: none"> <li>• Grand Valley OHV SRMA (9,700 acres)</li> <li>• Barrel Spring ERMA (24,700 acres)</li> <li>• Gateway ERMA (78,100 acres)</li> <li>• Grand Valley Shooting Ranges ERMA (750 acres)</li> <li>• Gunnison River Bluffs ERMA (800 acres)</li>   <li>• Horse Mountain ERMA (5,100 acres)</li> <li>• North Desert ERMA (107,900 acres)</li> </ul> <p><b>PURPOSE:</b> To protect recreation outcomes and setting prescriptions.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p>

**Table B-6  
Controlled Surface Use (CSU) Stipulations Applicable to  
Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number Protected Resource Acres/Miles Affected	Stipulation Description
	<p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect areas important to recreation users which may also include large facility investments. Protection of RMZs is necessary to meet desired recreation outcomes.</p>
<p><b>DISPOSAL CSU CO</b>  <i>All Surface-disturbing Activities</i></p>	<p align="center"><b>Lands and Realty</b></p> <p><b>STIPULATION:</b> Surface occupancy or use may be restricted due to lands identified for disposal in the Resource Management Plan.</p> <p>Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p><b>PURPOSE:</b> To preserve the value of disposal tracts and/or protect facilities or uses for which these tracts of land were identified for disposal.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to preserve the value of disposal tracts and/or protect facilities or uses for which these tracts of land were identified for disposal.</p>
<p><b>COAL MINE CSU CO</b> 9,000 acres <i>Fluid Minerals Only</i></p>	<p align="center"><b>Coal</b></p> <p><b>STIPULATION:</b> Surface occupancy or use (for fluid minerals only) may be restricted due to surface or underground coal mines. Special design, construction and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Operations proposed within the area of an approved surface or underground coal mine will be relocated outside the area to be mined or to accommodate room and pillar mining operations.</p> <p><b>PURPOSE:</b> To protect surface or underground coal mines.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to allow underground coal operations within oil and gas leases while reducing safety concerns.</p>

**Table B-6**  
**Controlled Surface Use (CSU) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
	<b>ACEC</b>
<b>CSU-39</b>	<b>STIPULATION:</b> Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required in the Roan and Carr Creeks ACEC (33,600 acres).
<b>Roan and Carr Creeks ACEC.</b>	<b>PURPOSE:</b> To protect and prevent irreparable damage to unique riparian habitats, genetically pure populations of cutthroat trout, and Greater Sage-Grouse habitat.
33,600 acres	<b>EXCEPTION:</b> Standard exceptions apply (Section B.2).
<b>All Surface-disturbing Activities</b>	<b>MODIFICATION:</b> Standard modifications apply (Section B.2).
	<b>WAIVER:</b> Standard waivers apply (Section B.2).
	<b>Wild and Scenic Rivers</b>
	<b>National Trails</b>
<b>CSU-37</b>	<b>STIPULATION:</b> Apply CSU (site-specific relocation) restrictions to fluid mineral leasing and other surface-disturbing activities within 805 meters (0.5-mile) of either side of centerline of the following scenic byways:
<b>Scenic Byways (0.5-mile).</b>	<ul style="list-style-type: none"> <li>• Dinosaur Diamond Prehistoric Highway (National Scenic Byway and All American Road) (14,300 acres);</li> <li>• Grand Mesa Scenic and Historic Byway (1,200 acres); and</li> <li>• Unaweep-Tabeguache Scenic and Historic Byway (17,000 acres).</li> </ul>
32,500 acres	<b>PURPOSE:</b> To protect the quality of the scenic (visual) values of scenic, historic, or backcountry byways.
<b>All Surface-disturbing Activities</b>	<b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, an exception could be granted if: (a) a viewshed analysis indicates minimal impairment of the visual resources from the driving corridor; or (b) the action is determined to be consistent and compatible with protection or enhancement of the resource values, or the use will provide suitable opportunities for public enjoyment of these resources. An exception could also be granted for bond projects within scenic byways to ensure that visual and reclamation objectives are achieved. Facility design shall incorporate viewshed analysis and modeling to minimize impacts to visual resources. Special mitigation measures such as facility placement and color selection have been proposed to reduce impacts to visual resources.
	<b>MODIFICATION:</b> Standard modifications apply (Section B.2).
	<b>WAIVER:</b> Standard waivers apply (Section B.2).
	<b>JUSTIFICATION:</b> This stipulation is necessary to place surface-disturbing activities along scenic byways in areas that do not affect values associated with the identified scenic byway.

**Table B-7**  
**Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	
Special Status Species	
<p><b>TL-1 (ROWA)</b></p> <p><b>Salmonid and Native Non-salmonid Fishes (brown, brook, rainbow, and cutthroat trout; bluehead and flannelmouth sucker; roundtail chub; mountain whitefish; Paiute and mottled sculpin; and speckled dace).</b></p> <p><i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Prohibit in-channel stream work in all occupied streams during fish spawning, egg incubation, and fry emerging seasons. Fish spawning, egg incubation, and fry emerging seasons vary by elevation and temperatures; however, the following intervals generally apply in Colorado:</p> <ul style="list-style-type: none"> <li>• Cutthroat trout (various subspecies): May 1-September 1</li> <li>• Rainbow trout: March 1-June 15</li> <li>• Brown trout: October 1-May 1</li> <li>• Brook trout: August 15-May 1</li> <li>• Sculpin: May 1-July 31</li> <li>• Bluehead sucker: May 1-July 15</li> <li>• Flannelmouth sucker: April 1-July 1</li> <li>• Roundtail chub: May 15-July 15</li> <li>• Speckled dace: May 1-August 31</li> <li>• Mountain whitefish: October 1-November 30</li> </ul> <p><b>PURPOSE:</b> To protect redds (egg masses) in the gravel and emerging fry of native fish populations.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, this stipulation only applies to construction and drilling and does not apply to operations and maintenance. If competing species are involved, the BLM may select to implement species-specific dates for native fish versus nonnative species.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect important native and game fish breeding.</p>
<p><b>TL-3 (ROWA)</b></p> <p><b>Migratory Bird Habitat.</b></p> <p><i>All Surface-disturbing Activities</i></p>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities, including vegetation-removal projects, in migratory bird habitat during nesting season when nesting birds are present.</p> <p>May 15 to July 15 or as site-specific analysis dictates.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect migratory bird habitat and ensure compliance with the Migratory Bird Treaty Act (Information Bulletin No. 2010-110); BLM</p>

**Table B-7**  
**Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Stipulation Description
Protected Resource	
Acres/Miles Affected	

Memorandum of Understanding with US Fish and Wildlife Service).

<b>WILDLIFE RAPTOR NESTS TL CO</b>	<b>STIPULATION:</b> No surface use is allowed within a 402 meter (0.25-mile) radius of active raptor nests, as mapped in the Resource Management Plan, BLM's GIS database or other maps provided by local, state, federal or tribal agencies that are analyzed and accepted by the BLM, during the following time period(s), or until fledging and dispersal of young:
<i>All Surface-disturbing Activities</i>	<ul style="list-style-type: none"> <li>• Osprey nests: April 1 to August 31.</li> <li>• Red-tailed hawk nests, including any alternate nests: February 15 to July 15.</li> <li>• Swainson's hawk nests and associated alternate nests: April 1 to July 15.</li> <li>• Burrows or burrowing owl nest sites: March 1 to August 15.</li> <li>• Great horned owl nests: February 1 to August 15.</li> <li>• Other owls and raptors: March 1 to August 15.</li> <li>• Cooper's hawk, sharp shinned hawk, and northern harrier nests: April 1 to August 15.</li> </ul> <p><b>On the following lands:</b>                  &lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To prevent disruption of reproductive activity of raptors during the production period.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). This stipulation only applies to construction and drilling, and does not apply to operations and maintenance.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>

<b>WILDLIFE SENSITIVE RAPTOR NESTS TL CO</b>	<b>STIPULATION:</b> No surface use is allowed within an 805 meter (0.5-mile) radius of active or inactive raptor nests, as mapped in the Resource Management Plan, BLM's GIS database or other maps provided by local, state, federal or tribal agencies that are analyzed and accepted by the BLM, during the following time period(s), or until fledging and dispersal of young:
<i>All Surface-disturbing Activities</i>	<ul style="list-style-type: none"> <li>• Ferruginous hawk nests, including any alternate nests: February 1 to July 15.</li> <li>• Goshawk nest sites: March 1 to September 30.</li> <li>• Peregrine and prairie falcon nest cliff(s): March 15 to July 31.</li> </ul> <p><b>On the following lands:</b>                  &lt;LEGAL_DESCRIPTION&gt;</p>

**Table B-7**  
**Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
			<p><b>PURPOSE:</b> To prevent disruption of reproductive activity of raptors during the production period.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). This stipulation only applies to construction and drilling, and does not apply to operations and maintenance.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect ferruginous hawk nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>TL-13 (ROWA)</b>	<b>Golden Eagle Nest Sites.</b>	<b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Prohibit human encroachment within an 805-meter (0.5-mile) radius of active golden eagle nests and associated alternate nests, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, during the following time period, or until fledging and dispersal of young: December 15 to July 15.</p> <p><b>PURPOSE:</b> To prevent disruption of reproductive activity of golden eagles.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the TL area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect golden eagle nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>TL-14 (ROWA)</b>	<b>Bald Eagle Nest Sites.</b>	<b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Prohibit human encroachment within an 805-meter (0.5-mile) radius of active bald eagle nests from November 15 to July 31.</p> <p><b>PURPOSE:</b> To prevent disruption of reproductive activity of bald eagles.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, this stipulation only applies to construction and drilling, and does not apply to operations and maintenance. The TL area may be altered depending on the status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p>

**Table B-7**  
**Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
			<b>JUSTIFICATION:</b> This stipulation is necessary to protect bald eagle nesting habitat per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).
<b>TL-15 (ROWA)</b>	<b>Bald Eagle Winter Roost.</b>	<b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Prohibit activity within 402 meters (0.25-mile) of bald eagle winter roosts from November 15 to March 15. Additional restrictions may be necessary within 805 meters (0.5-mile) of active bald eagle winter roosts if there is a direct line of sight from the roost to the activities.</p> <p><b>PURPOSE:</b> To protect bald eagles from human impacts that could affect winter survival.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the TL area may be altered depending on the status of the roost site or the geographical relationship of topographic barriers and vegetation screening to the roost site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect bald eagle winter roosts per CPW's <i>Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors</i> (CPW 2008).</p>
<b>TL-16 (ROWA)</b>	<b>Occupied Sage-grouse Winter Habitat.</b>	<b>All Surface-disturbing Activities</b>	<p><b>STIPULATION:</b> Prohibit surface occupancy and use, surface-disturbing activities, and intensive human activities in occupied sage-grouse winter habitat from December 1 to March 15.</p> <p><b>PURPOSE:</b> To protect sage-grouse (Gunnison and greater) from human impacts that could affect winter survival.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect sage-grouse from disturbance in a time of year when the added stress from disturbance can lead to death.</p>
<b>TL-17 (ROWA)</b>	<b>Sage-grouse Leks (4)</b>		<p><b>STIPULATION:</b> Prohibit surface occupancy and use, surface-disturbing activities, and intensive human activities within 6.4 kilometers (4 miles) of sage-grouse leks from March 1 to June 30.</p> <p><b>PURPOSE:</b> To protect breeding and nesting sage-grouse (Gunnison and greater) from human</p>

**Table B-7**  
**Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
		miles).	impacts that could affect nest success.
	<b>All Surface-disturbing Activities</b>		<p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, the NSO area may be altered depending upon the active status of the lek or the geographical relationship of topographical barriers and vegetation to the lek site.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect breeding and nesting sage-grouse per current research recommendations (Parachute-Piceance-Roan Greater Sage-grouse Work Group 2008).</p>
<b>TL-19 (ROWA)</b>	<b>Occupied Prairie Dog Towns.</b>		<p><b>STIPULATION:</b> Prohibit surface occupancy and use and surface-disturbing activities within active white-tailed prairie dog towns from April 1 to July 15.</p> <p><b>PURPOSE:</b> To avoid impacts to white-tailed prairie dogs during the pupping season.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect prairie dogs during the breeding season to allow for distribution of young.</p>
	<b>All Surface-disturbing Activities</b>		
			<b>Fish and Wildlife</b>
<b>TL-1 (ROWA)</b>	<b>Sport and Native Fish (brown, brook, rainbow, and cutthroat trout; bluehead and flannelmouth sucker; roundtail chub;</b>		<p><b>STIPULATION:</b> Prohibit in-channel stream work in all occupied streams during appropriate spring and fall spawning periods.</p> <p>Rainbow and cutthroat trout, bluehead and flannelmouth sucker, roundtail chub, and Paiute and mottled sculpin (April 1 to August 1); brown and brook trout (October 1 to November 30).</p> <p><b>PURPOSE:</b> To protect redds (egg masses) in the gravel and emerging fry.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect important native and game fish</p>

**Table B-7**  
**Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
	mountain whitefish; Paiute and mottled sculpin; and speckled dace).		breeding.
	<i>All Surface-disturbing Activities</i>		
<b>TL-20 (ROWA)</b>	<b>Big Game Winter Range.</b>	474,500 acres	<p><b>STIPULATION:</b> Prohibit surface occupancy and use, surface-disturbing activities, and intensive human activities from December 1 to May 1 to protect big game winter range as mapped by the CPW. Certain areas and/or routes within big game winter range may be closed to foot, horse, motorized, and/or mechanized travel from December 1 to May 1.</p> <p><b>PURPOSE:</b> To reduce disruption of big game during the winter season.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, this limitation does not apply to essential maintenance and operation of facilities (e.g., producing wells) and range administration. An exception will be granted only when the proposed action will not cause unacceptable harm to big game based on the following factors:</p> <ol style="list-style-type: none"> <li>1. Winter conditions (such as snow cover and crusting) at the project site and vicinity;</li> <li>2. Predictable, short-term (1 week) storm forecasts for the project area;</li> <li>3. Period of winter in which the exception is requested (e.g., after April 15, before December 15, or the heart of winter);</li> <li>4. Project site location relative to the size and spatial configuration of delineated critical winter range, open roads and trails, and other background disturbance;</li> <li>5. Length of time that activities will encroach on the period of the winter range stipulation;</li> <li>6. Number of vehicle trips per day in and out of the work site;</li> <li>7. Time of day that activity occurs (after dark generally prohibited);</li> <li>8. Actual big game use of the area;</li> <li>9. Cumulative impacts on big game (such as other activities in the area); and</li> <li>10. Additional site-specific or general concerns, as appropriate.</li> </ol> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect big game winter habitat from surface-disturbing and major human activities during the periods of the year when the habitat is occupied. This habitat is critical to the viability of big game herds. These areas will be managed</p>
	<i>All Surface-disturbing Activities</i>		

**Table B-7**  
**Timing Limitation (TL) Stipulations Applicable to**  
**Fluid Mineral Leasing and Other Surface-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
			by BLM to reflect CPW most current big game winter range maps.
<b>BIG GAME PRODUCTION TL CO</b>	<i>All Surface-disturbing Activities</i>		<p><b>STIPULATION:</b> No surface use is allowed during the following time period(s) in big game production areas, as mapped in the Resource Management Plan, BLM's GIS database or other maps provided by local, state, federal or tribal agencies that are analyzed and accepted by the BLM:</p> <p>Prohibit activities, including motorized travel, in elk production areas from May 15 to June 15; in antelope production areas from April 15 to June 30; in Rocky Mountain bighorn sheep production areas from April 15 to June 30; in Moose production areas from April 15 to June 30; and in desert bighorn sheep production areas from February 1 to May 1.</p> <p><b>On the following lands:</b></p> <p>&lt;LEGAL_DESCRIPTION&gt;</p> <p><b>PURPOSE:</b> To reduce disruption of big game during parturition and young rearing period.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). This stipulation only applies to construction and drilling, and does not apply to operations and maintenance.</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation provides for protection of big game production areas from disturbance and displacement by human activities during critical periods.</p>
<b>TL-22 (ROWA)</b>	<b>Pronghorn Wintering Habitat.</b>	23,500 acres	<p><b>STIPULATION:</b> Prohibit surface occupancy and use, surface-disturbing activities, and intensive human activities in pronghorn wintering habitat from January 1 to March 31.</p> <p><b>PURPOSE:</b> To improve pronghorn antelope habitat.</p> <p><b>EXCEPTION:</b> Standard exceptions apply (Section B.2). In addition, this limitation does not apply to essential maintenance and operation of facilities (e.g., producing wells) and range administration (Section B.1).</p> <p><b>MODIFICATION:</b> Standard modifications apply (Section B.2).</p> <p><b>WAIVER:</b> Standard waivers apply (Section B.2).</p> <p><b>JUSTIFICATION:</b> This stipulation is necessary to protect pronghorn winter habitat from surface-disturbing and major human activities during the periods of the year when the habitat is occupied. This habitat is critical to the viability of pronghorn herds. These areas will be managed by BLM to reflect CPW most current pronghorn winter range maps.</p>

**Table B-8**  
**Lease Notices (LN) and Additional Required Conditions of Approval**  
**Applicable to Authorized Ground-disturbing Activities**

Stipulation Number	Protected Resource	Acres/Miles Affected	Stipulation Description
<b>Air Resources</b>			
<b>CO-56</b>	<b>Air Resources.</b>		<p>Due to potential air quality concerns, supplementary air quality analysis may be required for any proposed development of this lease. This may include preparing a comprehensive emissions inventory, performing air quality modeling, and initiating interagency consultation with affected land managers and air quality regulators to determine potential mitigation options for any predicted significant impacts from the proposed development. Potential mitigation may include limiting the time, place, and pace of any proposed development, as well as providing for the best air quality control technology and/or management practices necessary to achieve area-wide air resource protection objectives. Mitigation measures will be analyzed through the appropriate level of NEPA analysis to determine effectiveness, and will be required or implemented as a permit condition of approval (COA). At a minimum, all projects and permitted uses implemented under this lease will comply with all applicable National Ambient Air Quality Standards and ensure Air Quality Related Values are protected in nearby Class I or Sensitive Class II areas that are afforded additional air quality protection under the Clean Air Act (CAA).</p> <p>On the lands described below:</p> <p>&lt;LEGAL_DESCRIPTION&gt;</p>
<b>Water Resources</b>			
<b>LN-1</b>	<b>Source Water Protection Areas.</b>		<p>The lease is within source water protection areas, and the lessee is required to implement special protective measures for water resources and to collaborate with municipalities and comply with applicable municipal watershed plans.</p> <p><b>JUSTIFICATION:</b> This lease notification is necessary because leases within source water protection areas require extensive protection measures to ensure protection of water quality and human health.</p>
<b>Special Status Species</b>			
<b>LN-3</b>	<b>Biological Inventories.</b>		<p>The operator is required to conduct a biological inventory prior to approval of operations in areas of known or suspected habitat of special status species, or habitat of other species of interest such as but not limited to raptor nests, sage-grouse leks, or significant natural plant communities. The operator, in coordination with the BLM, shall use the inventory to prepare mitigating measures to reduce the impacts on affected species or their habitats. These mitigating measures may include, but are not limited to, relocation of roads and other facilities and fencing operations or habitat. Where impacts cannot be mitigated to the satisfaction of the BLM's Authorized Officer, surface occupancy and use on that area is prohibited.</p>

**Table B-8  
Lease Notices (LN) and Additional Required Conditions of Approval  
Applicable to Authorized Ground-disturbing Activities**

Stipulation Number Protected Resource Acres/Miles Affected	Stipulation Description
	<p><b>JUSTIFICATION:</b> This lease notice is necessary to identify current plant and animal populations in order to reduce or avoid impacts to those species.</p>
LN-4	<p><b><i>Threatened and Endangered Species</i></b></p>
<b>Threatened and Endangered Species</b>	<p>This lease contains habitat for threatened and endangered species. Prior to undertaking any activity on the lease, including surveying and staking of well locations, the lessee may be required to perform botanical inventories on the lease. Special design and construction measures may also be required in order to minimize impacts to threatened and endangered species habitat from drilling and producing operations. This applies to the lands described below: &lt;LEGAL_DESCRIPTIONS&gt;.</p> <p><b>EXCEPTION:</b> An exception may be granted depending on current usage of the site or on the geographical relationship to topographic barriers and vegetation screening.</p> <p><b>MODIFICATION:</b> Changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)</p> <p><b>JUSTIFICATION:</b> This lease notice is necessary to identify current cactus populations and habitat in order to reduce or avoid impacts to cactus habitat.</p>
	<p><b>Fish and Wildlife</b></p>
LN-3	
<b>Biological Inventories.</b>	<p>The operator is required to conduct a biological inventory prior to approval of operations in areas of known or suspected habitat of special status species, or habitat of other species of interest such as but not limited to raptor nests, sage-grouse leks, or significant natural plant communities. The operator, in coordination with the BLM, shall use the inventory to prepare mitigating measures to reduce the impacts on affected species or their habitats. These mitigating measures may include, but are not limited to, relocation of roads and other facilities and fencing operations or habitat. Where impacts cannot be mitigated to the satisfaction of the BLM's Authorized Officer, surface occupancy and use on that area is prohibited.</p> <p><b>JUSTIFICATION:</b> This lease notice is necessary to identify current plant and animal populations in order to reduce or avoid impacts to those species.</p>
LN-5	
<b>Working in Wildlife Habitat.</b>	<p>Require operators to establish and submit to the GJFO a set of operating procedures for employees and contractors working in important wildlife habitats. Design such procedures to inform employees and contractors of ways to minimize the effect of their presence on wildlife and wildlife habitats. Procedures may address, but are not limited to, items such as working in bear or snake country, controlling dogs, and understanding and abiding by hunting and firearms</p>

**Table B-8**  
**Lease Notices (LN) and Additional Required Conditions of Approval**  
**Applicable to Authorized Ground-disturbing Activities**

Stipulation Number	Protected Resource Acres/Miles Affected	Stipulation Description
		regulations.
<b>Paleontological Resources</b>		
<b>LN-6</b>	<b>Class 4 and 5 Paleontological Areas.</b>	<p>Have a permitted paleontologist approved by the Authorized Officer perform an inventory of surface-disturbing activities in Class 4 and 5 paleontological areas per Instruction Memorandum No. 2008-009: Potential Fossil Yield Classification (PFYC) System for Paleontological Resources on Public Lands.</p> <p><b>JUSTIFICATION:</b> This lease notice is necessary to ensure an adequate paleontologist is present during surface disturbing activities to protect paleontological resources from direct impacts.</p>
<b>Lands and Realty</b>		
<b>LN-7</b>	<b>Powderhorn Ski Area.</b>	<p>If drilling operations are proposed, the lessee is hereby notified that there are concerns about ski lift structures, other facilities, and ski runs within the Powderhorn ski area. The lessee is hereby notified that special design, construction, and scheduling measures may be required in order to minimize the impacts of drilling and production operations. Proposed drilling and production facilities and operations will be relocated and rescheduled as needed to avoid physical interference with ski area facilities and recreation use. This can include relocations of more than 200 meters (656 feet) or seasonal closures of more than 60 days. This applies to the lands described below: &lt;LEGAL_DESCRIPTIONS&gt;.</p> <p><b>JUSTIFICATION:</b> This lease notification is necessary to protect recreation facilities at Powderhorn Ski Area.</p>

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