

NUMBER	UTAH STIPULATIONS
<p align="center">UT-S-01 2008 RMPs Only (Outside of Moab MLP)</p>	<p align="center">AIR QUALITY</p> <p>All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower shall not emit more than 2 grams of NO_x per horsepower-hour.</p> <p>Exception: This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.</p> <p>Modification: None</p> <p>Waiver: None</p> <p>AND</p> <p>All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gram of NO_x per horsepower-hour.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>
<p align="center">UT-S-17 Monticello</p>	<p align="center">CONTROLLED SURFACE USE – ALKALI RIDGE ACEC</p> <p>Cultural properties eligible for or listed on the National Register of Historic Places shall be surrounded by an avoidance area sufficient to avoid direct and indirect impacts. When siting oil and gas facilities, avoidance may require that a facility be moved farther than allowed under the standard lease terms and conditions.</p> <p>Exceptions: An exception could be granted if the BLM authorized officer determines that avoidance of direct and indirect impacts to historic properties is not feasible (e.g. avoidance may cause unacceptable damage to other public land resources or affect valid existing rights).</p> <p>Modification: None</p> <p>Waiver: None</p>
<p align="center">UT-S-23 Vernal</p>	<p align="center">NO SURFACE OCCUPANCY/CONTROLLED SURFACE USE/TIMING LIMITATIONS – NINE MILE CANYON ACEC</p> <p>No surface occupancy for oil and gas leasing within approximately 17,162 acres, and approximately 209 acres will be open to leasing subject to moderate constraints such as timing limitations and controlled surface use.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>

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<p>UT-S-24 Vernal</p>	<p>NO SURFACE OCCUPANCY/CONTROLLED SURFACE USE/TIMING LIMITATIONS – RED CREEK WATERSHED ACEC No surface occupancy for oil and gas leasing within approximately 162 acres of the Red Creek Watershed ACEC. Approximately 12,362 acres will be open to leasing subject to moderate constraints such as timing limitations and controlled surface use. Exception: None Modification: None Waiver: None</p>
<p>UT-S-44 Monticello</p>	<p>NO SURFACE OCCUPANCY – CEDAR MESA SRMA No surface-disturbing activities allowed within Cedar Mesa SRMA Comb Ridge Management Zone to protect and preserve cultural resources and/or sites of religious significance to Native Americans. Exceptions: An exception could be granted if after an analysis the authorized officer determines that the project would be in the public interest. Modification: None Waiver: None</p>
<p>UT-S-46 Vernal</p>	<p>NO SURFACE OCCUPANCY – PELICAN LAKE SRMA No surface disturbing activities are allowed within the Pelican Lake SRMA. Exception: An exception will be granted if the disturbance were related to recreational infrastructure support. Modification: None Waiver: None</p>
<p>UT-S-47 Vernal</p>	<p>NO SURFACE OCCUPANCY – WHITE RIVER SRMA No surface disturbing activities within line of sight from the centerline of the White River, up to one-half mile on either side of the river, from where the river enters Section 28, T10S R23E to where it leaves Section 18, T10S R23E. Exception: An exception will be granted if the disturbance complemented recreational goals and objectives. No exception for oil and gas leasing. Modification: None Waiver: None</p>
<p>UT-S-50 Vernal</p>	<p>NO SURFACE OCCUPANCY – RECREATION AND PUBLIC PURPOSE LEASES Recreation & Public Purposes (R&PP) lease will be unavailable for leasing or open to leasing subject to NSO stipulations. Exception: Surface use could only occur with the concurrence of the R&PP holder.</p>

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	<p>Modification: None Waiver: None</p>
<p>UT-S-52 Price</p>	<p align="center">NO SURFACE OCCUPANCY – RECREATION AND ADMINISTRATIVE SITES</p> <p>No surface occupancy within developed recreation and administrative sites including those authorized under the Recreation and Public Purpose Act. Exception: An exception could be granted for surface disturbance that supports the recreation or administrative objectives of the site. Modification: None Waiver: None</p>
<p>UT-S-53 Vernal</p>	<p align="center">NO SURFACE OCCUPANCY – DEVELOPED RECREATION SITES</p> <p>No surface disturbing activities, shooting of firearms or grazing will occur within developed recreation sites. Exception: An exception will be granted if the disturbance were related to recreational infrastructure support. Modification: None Waiver: None</p>
<p>UT-S-54 Moab (Outside the MLP)</p>	<p align="center">NO SURFACE OCCUPANCY – DEVELOPED RECREATION SITES</p> <p>No surface-disturbing activities are allowed within 0.5 miles of developed recreation sites (current and planned as Potential Future Facilities). Exception: An exception could be granted if a viewshed analysis indicates no impairment of the visual resources from the recreation site. Also, an exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of the applicable resources. No exception for oil and gas leasing. Modification: None Waiver: None</p>
<p>UT-S-55 Monticello (Outside of MLP)</p>	<p align="center">NO SURFACE OCCUPANCY – DEVELOPED RECREATION SITES</p> <p>No surface-disturbing activities allowed within one quarter mile of campgrounds and within 200 meters of other developed recreation sites. Exception: An exception could be granted if the disturbance is related to recreational infrastructure support or if, after an assessment, it is determined that the visual intrusions and noise can be mitigated so as to not adversely affect the visitor experience. Modification: None Waiver: None</p>

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<p>UT-S-67 Moab</p>	<p>NO SURFACE OCCUPANCY – MOAB LANDFILLS (SAND FLATS) No surface-disturbing activities are allowed within the Moab landfill areas. Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts. Modification: None Waiver: None</p>
<p>UT-S-73 Moab</p>	<p>NO SURFACE OCCUPANCY – CASTLE VALLEY MUNICIPAL WATERSHED No surface-disturbing activities are allowed within the Castle Valley watershed of any public or private water supply. Exception: An exception could be granted for activities where it can be demonstrated that the proposed action would not result in a negative impact to the aquifer. No exception for oil and gas leasing. Modification: None Waiver: None</p>
<p>UT-S-74 Moab</p>	<p>NO SURFACE OCCUPANCY – MILL CREEK-SPANISH VALLEY WATERSHED No surface-disturbing activities are allowed within the Mill Creek-Spanish Valley watershed (Moab area aquifer excluding the WSA). Exception: An exception could be granted for activities where it can be demonstrated that the proposed action would not result in a negative impact to the aquifer. No exception for oil and gas leasing. Modification: None Waiver: None</p>
<p>UT-S-77 Moab</p>	<p>NO SURFACE OCCUPANCY – MOAB CANYON UTILITY CORRIDOR No mineral activities allowed within the utility corridor other than those associated with utilities. Purpose: To prevent future surface use conflicts along Highway 191 and within the utility corridor. Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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. Modification: The Authorized Officer may modify the stipulation as a result of new information if: 1) the protection provided by the stipulation is</p>

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	<p>no longer justified or necessary to meet resource objectives established in the Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-87 Vernal</p>	<p>NO SURFACE OCCUPANCY – WHITE RIVER BLM NATURAL AREA</p> <p>No surface occupancy within the White River BLM Natural Area.</p> <p>Exception: No exceptions for oil and gas activity. When compatible with the goals and objectives for management of BLM Natural Areas, the following activities could be permitted:</p> <ul style="list-style-type: none"> • Vegetation and fuel treatments using prescribed fire, mechanical and chemical treatments, and other actions compatible with the Healthy Lands Initiative (HLI); • Construction of wildlife water and livestock facilities, and minimal recreation facilities; • Authorize reasonable access to non-BLM managed lands. <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-92 Monticello</p>	<p>NO SURFACE OCCUPANCY – ALKALI RIDGE NATIONAL HISTORIC LANDMARK</p> <p>No surface-disturbing activities allowed within Alkali Ridge National Historic Landmark to protect and preserve cultural resources and/or sites of religious significance to Native Americans.</p> <p>Exceptions: An exception could be granted if after an analysis the authorized officer determines that the project would be in the public interest.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-96 Vernal</p>	<p>NO SURFACE OCCUPANCY – FRAGILE SOILS/SLOPES GREATER THAN 40%</p>

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	<p>No surface occupancy for slopes greater than 40 percent.</p> <p>Exception: If after an environment analysis the authorized officer determines that it would cause undue or unnecessary degradation to pursue other placement alternatives; surface occupancy in the NSO area may be authorized. Additionally a plan shall be submitted by the operator and approved by BLM prior to construction and maintenance and include:</p> <ul style="list-style-type: none"> • An erosion control strategy; • GIS modeling; • Proper survey and design by a certified engineer. <p>Modification: Modifications also may be granted if a more detailed analysis, i.e. Order I, soil survey conducted by a qualified soil scientist finds that surface disturbance activities could occur on slopes greater than 40% while adequately protecting the area from accelerated erosion.</p> <p>Waiver: None</p>
<p>UT-S-97 Price</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – FRAGILE SOILS/SLOPES GREATER THAN 40 PERCENT</p> <p>No surface occupancy on slopes greater than 40 percent.</p> <p>Exception: If after an environment analysis the authorized officer determines that it would cause undue or unnecessary degradation to pursue other placement alternatives; surface occupancy in the area may be authorized. In addition, a plan from the operator and BLM’s approval of the plan shall be required before construction and maintenance could begin. The plan would have to include:</p> <ul style="list-style-type: none"> • An erosion control strategy; • GIS modeling; • Proper survey and design by a certified engineer. <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-98 Monticello (Outside of MLP)</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – FRAGILE SOILS/SLOPES GREATER THAN 40 PERCENT</p> <p>No new surface-disturbing activities allowed on slopes greater than 40% to protect soils, avoid erosion, and maintain public health and safety in sloped embankments.</p> <p>Exception: If after an analysis the authorized officer determines that it would cause undue or unnecessary degradation to pursue other placement alternatives; surface occupancy in the NSO may be authorized. Additionally, a plan would be submitted by the operator and approved by BLM prior to construction and maintenance.</p> <p>Modification: None</p> <p>Waiver: None</p>

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<p>UT-S-99 Vernal</p>	<p>CONTROLLED SURFACE USE – FRAGILE SOILS/SLOPES</p> <p>The surface operating standards for oil and gas exploration and development (Gold Book) shall be used as a guide for surface-disturbing proposals on steep slopes/hillsides.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-100 Vernal</p>	<p>CONTROLLED SURFACE USE – FRAGILE SOILS/SLOPES (21%-40%)</p> <p>If surface-disturbing activities cannot be avoided on slopes from 21-40% a plan will be required. The plan will approved by BLM prior to construction and maintenance and include:</p> <ul style="list-style-type: none"> • An erosion control strategy; • GIS modeling; • Proper survey and design by a certified engineer. <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-101 Price</p>	<p>CONTROLLED SURFACE USE – FRAGILE SOILS/SLOPES 20-40 PERCENT</p> <p>In surface disturbing proposals regarding construction on slopes of 20 percent to 40 percent, include an approved erosion control strategy and topsoil segregation/restoration plan. Such construction must be properly surveyed and designed by a certified engineer and approved by the BLM prior to project implementation, construction, or maintenance.</p> <p>Exception: If after an environment analysis the authorized officer determines that it would cause undue or unnecessary degradation to pursue other placement alternatives; surface occupancy in the area may be authorized. In addition, a plan from the operator and BLM’s approval of the plan would be required before construction and maintenance could begin. The plan must include:</p> <ul style="list-style-type: none"> • An erosion control strategy; • GIS modeling; • Proper survey and design by a certified engineer. <p>Modification: Modifications also may be granted if a more detailed analysis is conducted and shows that impacts can be mitigated, e.g., Order I soil survey conducted by a qualified soil scientist, finds that surface disturbance activities could occur on slopes between 20 and 40 percent while adequately protecting areas from accelerated erosion.</p> <p>Waiver: None</p>

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<p>UT-S-102 Richfield</p>	<p align="center">CONTROLLED SURFACE USE – FRAGILE SOILS/SLOPES 30 PERCENT OR GREATER</p> <p>No surface disturbing proposed projects involving construction on slopes greater than 30. If the action cannot be avoided, rerouted, or relocated than a proposed project will include an erosion control strategy, reclamation and a site plan with a detailed survey and design completed by a certified engineer. This proposed project must be approved by the BLM prior to construction and maintenance.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-103 Salt Lake</p>	<p align="center">NO SURFACE OCCUPANCY – SLOPES IN EXCESS OF 25 PERCENT</p> <p>No occupancy or other surface disturbance will be allowed on slopes in excess of 25 percent.</p> <p>Exception: An exception may be granted with written permission from the authorized officer of the BLM. Modification: None Waiver: None</p>
<p>UT-S-104 Salt Lake</p>	<p align="center">NO SURFACE OCCUPANCY – SLOPES IN EXCESS OF 30 PERCENT</p> <p>No surface occupancy or other surface disturbance will be allowed on slopes in excess of 30 percent</p> <p>Exception: An exception may be granted with written permission from the authorized officer of the BLM. Modification: None Waiver: None</p>
<p>UT-S-106 Monticello (Outside of MLP)</p>	<p align="center">CONTROLLED SURFACE USE – FRAGILE SOILS/SLOPES 21-40 PERCENT</p> <p>No new surface disturbance/construction on slopes between 21-40% without a BLM approved site plan that is prepared for any surface disturbing or construction activity. This plan would include an erosion control strategy, survey and design, and reclamation plan.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-108 Moab</p>	<p align="center">TIMING LIMITATION – 30% SLOPES OR GREATER – BOOKCLIFFS</p> <p>No surface-disturbing activities are allowed from November 1 to April 30 where slopes are greater than 30% in the Bookcliffs to minimize watershed</p>

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	<p>damage in fragile soils on steep slopes. This restriction includes heavy equipment traffic on existing roads associated with drilling operations.</p> <p>Exception: An exception could be granted if the operator can provide a plan of development demonstrating that the proposed action would be properly designed and constructed to support the anticipated types and levels of use. Roads must be designed to meet BLM road standards for drainage control and surfaced to support heavy equipment and tractor trailers. Adjustments to the timing restriction could be considered by the authorized officer on a case-by-case basis, depending on current soil and weather conditions.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-109 Moab (Outside of MLP)</p>	<p>TIMING LIMITATION – FRAGILE SOILS – MANCOS SHALE</p> <p>No surface-disturbing activities allowed during December 1 to May 31 to minimize watershed damage including compaction, rutting, and topsoil loss on saline soils derived from the Mancos Shale. This restriction includes heavy equipment traffic on existing roads associated with drilling operations.</p> <p>Exception: An exception could be granted if the operator can provide a plan of development demonstrating that the proposed action would be properly designed and constructed to support the anticipated types and levels of use. Roads must be designed to meet BLM road standards for drainage control and surfaced to support heavy equipment and tractor trailers. Adjustments to the timing restriction could be considered by the authorized officer on a case-by-case basis, depending on current soil and weather conditions.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-111 Richfield</p>	<p>NO SURFACE OCCUPANCY – WETLAND/HYDRIC SOILS</p> <p>No surface occupancy on wetland soils or soils identified as having hydric soil properties.</p> <p>Exception: Consider exceptions to NSO if a site-specific environmental analysis determines that other placement alternatives would cause undue or unnecessary degradation to resources. In addition, require the operator to submit a plan prior to commencing operations that addresses:</p> <ul style="list-style-type: none"> • Erosion control strategies; • Mitigation to protect surface from rutting, compaction, and displacement, and disruption of surface and subsurface hydrologic function; • Mitigation or restoration measures to restore hydrologic function to site; • Proper survey and design by a certified engineer.

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	<p>Modification: None Waiver: None</p>
<p>UT-S-112 Moab</p>	<p>NO SURFACE OCCUPANCY – RIVER CORRIDORS, INCLUDING SUITABLE WILD AND SCENIC RIVER SEGMENTS</p> <p>No surface-disturbing activities within the area of the Three Rivers and Westwater mineral withdrawals which includes suitable Wild and Scenic River segments. Where the NSO area is physically inaccessible to oil and gas drilling by current directional drilling technology (1 mile from outside the NSO area), it will be closed to oil and gas leasing. However, these lands remain NSO for all other surface disturbing activities.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of the applicable resources. No exception for oil and gas leasing. Exceptions could be made on the Colorado River along Highways 128 and 279, along Kane Creek Road, along the Green River from Swasey’s Rapid to Ruby Ranch, and along the Dolores River from Entrada Ranch to the Colorado River confluence to maintain or improve infrastructure. These exceptions (subject to appropriate mitigation to minimize impacts to the applicable resources) could include minor rights-of-way to service private land and temporary use authorizations.</p> <p>Modification: None Waiver: None</p>
<p>UT-S-120 Vernal</p>	<p>NO SURFACE OCCUPANCY – WHITE RIVER CORRIDOR</p> <p>No surface occupancy with the centerline line of site, up to ½ mile along both sides of the river from where the river enters Township 10 South, Range 24 East, to where the river leaves Section 18, Township 10 South, Range 23 East.</p> <p>Exception: Recognized utility corridors are excepted.</p> <p>Modification: None Waiver: None</p>
<p>UT-S-121 Richfield</p>	<p>NO SURFACE OCCUPANCY – RIPARIAN AND WETLAND AREAS</p> <p>No surface disturbance and/or occupancy within buffer zones around natural springs. Base the size of the buffer on hydrological, riparian, and other factors necessary to protect the water quality of the springs. If these factors cannot be determined, maintain a 330-foot buffer zone from outer edge.</p> <p>Exception: Consider exceptions if it can be shown that (1) there are no practical alternatives to the disturbance, (2) all long-term impacts can be fully mitigated, and (3) the activity will benefit and enhance the riparian</p>

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	<p>area. Consider compensatory mitigation where surface disturbance cannot be avoided within riparian wetland habitats on a site-specific basis.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-122 Moab (Outside of MLP)</p>	<p>NO SURFACE OCCUPANCY – FLOODPLAINS, RIPARIAN AREAS, SPRINGS AND PUBLIC WATER RESOURCES</p> <p>No surface-disturbing activities within 100 year floodplains or within 100 meters of riparian areas. Also, no surface-disturbing activities within public water reserves or within 100 meters of springs.</p> <p>Exception: An exception could be authorized if: (a) there are no practical alternatives, (b) impacts could be fully mitigated, or (c) the action is designed to benefit and enhance the resource values.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-123 Vernal</p>	<p>NO SURFACE OCCUPANCY – RIPARIAN, FLOODPLAINS, AND PUBLIC WATER RESERVES</p> <p>No new surface-disturbing activities are allowed within active flood plains, wetlands, public water reserves, or 100 meters of riparian areas. Keep construction of new stream crossings to a minimum.</p> <p>Exception: An exception could be authorized if: (a) there are no practical alternatives (b) impacts could be fully mitigated, or (c) the action is designed to enhance the riparian resources.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-126 Price</p>	<p>NO SURFACE OCCUPANCY – NATURAL SPRINGS</p> <p>No surface disturbance or occupancy will be maintained around natural springs to protect the water quality of the spring. The distance would be based on geophysical, riparian, and other factors necessary to protect the water quality of the springs. If these factors cannot be determined, a 660-foot buffer zone would be maintained.</p> <p>Exception: An exception could be authorized if (a) there are no practical alternatives, (b) impacts could be fully mitigated, or (c) the action is designed to enhance the riparian resources.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-127 Price</p>	<p>NO SURFACE OCCUPANCY – INTERMITTENT AND PERENNIAL STREAMS</p> <p>No new surface disturbance (excluding fence lines) will be allowed in areas within the 100-year floodplain or 100 meters (330 feet) on either side from the centerline, whichever is greater, along all perennial and intermittent streams, streams with perennial reaches, and riparian areas.</p>

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	<p>Exception: The authorized officer could authorize an exception if it could be shown that the project as mitigated eliminated the need for the restriction.</p> <p>An exception could be authorized if (a) there are no practical alternatives, (b) impacts could be fully mitigated, or (c) the action is designed to enhance the riparian resources.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-128 Monticello (Outside of MLP)</p>	<p>NO SURFACE OCCUPANCY – FLOODPLAINS, RIPARIAN AREAS, SPRINGS, AND PUBLIC WATER RESERVES</p> <p>No surface-disturbing activities are allowed in active floodplains, public water reserves or within 100 meters of riparian areas along perennial streams and springs.</p> <p>Exception: An exception could be authorized if: (a) there are no practical alternatives, (b) impacts could be fully mitigated, or (c) the action is designed to enhance the riparian resource values.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-129 Salt Lake</p>	<p>CONTROLLED SURFACE USE – STREAMS, PONDS OR LIVE WATERCOURSE</p> <p>No occupancy or other surface disturbance will be allowed within 400 feet of any stream, pond or live watercourse.</p> <p>Exception: None</p> <p>Modification: This distance may be modified when specifically approved in writing by the authorized officer of the BLM.</p> <p>Waiver: None</p>
<p>UT-S-130 Cedar City</p>	<p>CONTROLLED SURFACE USE – WATER BODIES</p> <p>No occupancy or other surface disturbance will be allowed within 400 feet of the water body.</p> <p>Exception: None</p> <p>Modification: This distance may be modified when specifically approved in writing by the authorized officer of the BLM.</p> <p>Waiver: None</p>
<p>UT-S-132 Salt Lake</p>	<p>NO SURFACE OCCUPANCY – LIVE WATER</p> <p>No occupancy or other surface disturbance will be allowed within 600 feet of live water.</p> <p>Exception: None</p> <p>Modification: This distance may be modified when specifically approved in writing by the authorized officer of the BLM.</p> <p>Waiver: None</p>

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<p>UT-S-133 Salt Lake</p>	<p align="center">CONTROLLED SURFACE USE – LIVE WATER</p> <p>No occupancy will be allowed within 1,200 feet of live water. Exception: None Modification: This distance may be modified when specifically approved in writing by the authorized officer of the BLM. Waiver: None</p>
<p>UT-S-134 Salt Lake</p>	<p align="center">CONTROLLED SURFACE USE – MUD SPRING</p> <p>No drilling or storage facilities will be allowed within 500 feet of Mud Spring unless the activity is below an elevation of 6,420 feet. Exception: None Modification: This distance may be modified when specifically approved in writing by the authorized officer of the BLM. Waiver: None</p>
<p>UT-S-135 Cedar City</p>	<p align="center">CONTROLLED SURFACE USE – LAKE CREEK MARSH COMPLEX</p> <p>No occupancy or other surface disturbance will be allowed within 600 feet of the Lake Creek Marsh Complex. Exception: None Modification: This distance may be modified when specifically approved in writing by the authorized officer of the BLM when it can be shown that the activity would not impact the riparian vegetation and would limit pollution of water sources by over surface flow of damaging sediments or chemicals. Waiver: None</p>
<p>UT-S-155 Salt Lake</p>	<p align="center">CONTROLLED SURFACE USE – RIPARIAN/WETLAND HABITAT AND MUNICIPAL/NON-MUNICIPAL WATERSHED AREAS</p> <p>In order to protect riparian/wetland habitat and municipal and non-municipal watershed areas, no occupancy or other surface disturbance will be allowed within 1,200 feet of live water or within 1,200 feet of wetlands as defined by the USF&WS in "Classification of Wetlands and Deep Water Habitats of the United States," 1979, page 3. This limitation does not apply to maintenance and operation of producing wells. Exception: If the lessee can demonstrate that operations can take place without impact to the resource being protected, an exemption to this stipulation may be granted if approved in writing by the authorized officer in consultation with the District's watershed specialist. For example, exemptions may be allowed where the riparian zone or the hydrologic influence area of phreatophytes exists less than 1,200 feet from live water. Modification: None Waiver: None</p>

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<p>UT-S-156 Price</p>	<p>TIMING LIMITATION – HIGH-COUNTRY WATERSHED AREAS High-country watershed areas (above 7,000 feet) will be closed seasonally from December 1 to April 15. Exception: Upon review and monitoring, the authorized officer may grant exceptions because of climatic conditions if activities would not cause undue damage to soils or roads. Modification: Season may be adjusted depending on climatic and vegetation conditions. Waiver: Activities may be allowed as long as all surface disturbing activities are conducted before seasonal closure.</p>
<p>UT-S-157 Vernal</p>	<p>NO SURFACE OCCUPANCY/CONTROLLED SURFACE USE/TIMING LIMITATION – VISUAL RESOURCES Visual resource management activities will comply with BLM Handbook 8410-1. Within VRM Class I areas, very limited management activity will be allowed, with the objective of preserving the existing character of the landscape, allowing for natural ecological changes. The level of change to the landscape should be very low and shall not attract attention. Within VRM Class II areas, surface-disturbing activities will retain the existing character of the landscape. The level of change to the landscape should be low. Management activities may be seen, but should not attract the attention of the casual observer. Any change to the landscape shall repeat the basic elements of form, line, color and texture found in the predominant natural features of the characteristic landscape. Within VRM Class III areas, surface disturbing activities will partially retain the existing character of the landscape. The allowable level of change will be moderate, may attract attention, but should not dominate the view of the casual observer. Landscape changes should repeat the basic elements of form, line, color and texture found in the predominant natural features of the characteristic landscape. Within VRM Class IV areas, surface disturbing activities are allowed to dominate the view and the major focus of viewer attention. Major modifications to the existing character of the landscape are allowed. But every attempt should be made to minimize and mitigate the impacts. Exception: Exempted are recognized utility corridors. Modification: None Waiver: None</p>
<p>UT-S-158 Moab (Outside of MLP)</p>	<p>CONTROLLED SURFACE USE – VRM II AREAS Surface-disturbing activities must meet the VRM II class objectives. Exception: The level of change to the landscape should be low; management activities may be seen, but should not attract attention of the casual observer. Any change to the landscape must repeat the basic</p>

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	<p>elements of form, line, color, and texture found in the predominant natural features of the characteristic landscape. Surface-disturbing activities that are determined to be compatible and consistent with the protection or enhancement of the resource values are exempted. Also, recognized utility corridors are exempted only for utility projects which would be managed according to VRM III objectives.</p> <p>Modification: None Waiver: None</p>
<p>UT-S-159 Vernal</p>	<p>CONTROLLED SURFACE USE – VISUAL RESOURCES - VRM II Within VRM II areas, surface-disturbing activities will retain the existing character of the landscape. The level of change to the landscape should be low. Management activities may be seen, but should not attract attention of the casual observer. Any change to the landscape must repeat the basic elements of form, line, color, and texture found in the predominant natural features of the characteristic landscape.</p> <p>Exception: Exempted are recognized utility corridors. Modification: None Waiver: None</p>
<p>UT-S-160 Price</p>	<p>CONTROLLED SURFACE USE – VISUAL RESOURCES - VRM II Within VRM II areas, surface disturbing activities will comply with BLM Manual Handbook 8431-1 to retain the existing character of the landscape.</p> <p>Exception: Recognized utility corridors are exempt. Temporary exceedance may be allowed during initial development phases. Modification: None Waiver: None</p>
<p>UT-S-162 Monticello (Outside of MLP)</p>	<p>CONTROLLED SURFACE USE – VRM CLASS II Surface-disturbing activities must meet VRM Class II objectives.</p> <p>Exception: Allow for short term use/activities. Modification: None Waiver: None</p>
<p>UT-S-163 Cedar City</p>	<p>CONTROLLED SURFACE USE – VRM CLASS II AREAS No access or work trail or road, earth cut or fill, structure or other improvement, other than an active drilling rig, will be permitted if it can be viewed from major highway systems. Critical viewpoints (roads) include: Interstate 15, Utah Highway 89 (Circleville Canyon, and Utah Highway 143, and are applied to foreground/middle ground visual zone of VRM Class II areas.</p> <p>Exception: None Modification: None Waiver: None</p>

NUMBER	UTAH STIPULATIONS
<p>UT-S-164 Kanab</p>	<p align="center">CONTROLLED SURFACE USE – VRM CLASS II AREAS</p> <p>Surface disturbing activities will meet the objectives of Visual Resource Management (VRM) Class II.</p> <p>Exception: The level of change to the landscape should be low; management activities may be seen, but should not attract the attention of the casual observer. Any change to the landscape must repeat the basic elements of form, line, color, and texture found in the predominant natural features of the characteristic landscape. Surface disturbing activities that are determined to be compatible and consistent with the protection or enhancement of the resource values are exempted. Also, recognized utility corridors are exempted only for utility projects, which will be managed according to VRM Class III objectives.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-165 Salt Lake</p>	<p align="center">CONTROLLED SURFACE USE – VRM CLASS II AND III AREAS</p> <p>In order to protect important visual resources in VRM Class II and III areas, activities in these areas will be located and designed in a way to meet Class II and III management criteria.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-166 Salt Lake</p>	<p align="center">CONTROLLED SURFACE USE – VISUAL RESOURCE MANAGEMENT (VRM) CLASS II AND III AREAS</p> <p>In order to protect visual resources in Visual Resource Management (VRM) Class II and III areas, activities in these areas will be located and designed in a way to meet Class II and III management criteria. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: If the lessee can demonstrate that operations can take place without impact to the resource being protected, an exception to this stipulation may be granted if approved in writing by the authorized officer in consultation with the District's VRM specialist. For Class II areas, exemptions may be granted whereby changes due to the proposed action repeat the basic elements of form, line, color, and texture found in the predominant natural features of the characteristic landscape. For Class III areas, exemptions may be granted whereby changes due to the proposed action repeat the basic elements found in the predominant natural features of the characteristic landscape. This may be achieved through reclamation, topographic or vegetative screening, construction practices and use of non-reflective paints which blend into the viewscape for buildings, tanks, and pipelines.</p> <p>Modification: None</p> <p>Waiver: None</p>

NUMBER	UTAH STIPULATIONS
<p>UT-S-167 Moab</p>	<p>CONTROLLED SURFACE USE – NORTH US 191 VRM II SCENIC DRIVING HIGHWAYS</p> <p>Surface-disturbing activities within scenic driving corridors must meet VRM II class objectives within 0.5 miles of the scenic driving corridors.</p> <p>Exception: An exception could be granted if: (a) a viewshed analysis indicates no 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 would provide suitable opportunities for public enjoyment of these resources.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-169 Price</p>	<p>CONTROLLED SURFACE USE – CULTURAL RESOURCE INVENTORIES</p> <p>Cultural resources inventories (including point, area, and linear features) will be required for all federal undertakings that could affect cultural resources or historic properties in areas of both direct and indirect impacts.</p> <p>Waiver of Inventory: Although complete Class III inventories will be performed for most land use actions, an authorized officer could waive inventory for any part of an Area of Potential Effect when one or more of the following conditions exist:</p> <ul style="list-style-type: none"> • Previous natural ground disturbance has modified the surface so extensively that the likelihood of finding cultural properties is negligible. (Note: This is not the same as being able to document that any existing sites may have been affected by surface disturbance; ground disturbance must have been so extensive as to reasonably preclude the location of any such sites.) • Human activity within the last 50 years has created a new land surface to such an extent as to eradicate locatable traces of cultural properties. • Existing Class II or equivalent inventory data are sufficient to indicate that the specific environmental situation did not support human occupation or use to a degree that would make further inventory information useful or meaningful. • Previous inventories must have been conducted according to current professionally acceptable standards. • Records are available and accurate and document the location, methods, and results of the inventory. • Class II “equivalent inventory data” includes an adequate amount of acreage distributed across the same specific environmental situation that is located within the study area. • Inventory at the Class III level has previously been performed, and records documenting the location, methods, and results of the

NUMBER	UTAH STIPULATIONS
	<p>inventory are available. Such inventories must have been conducted according to current professionally acceptable standards.</p> <ul style="list-style-type: none"> • Natural environmental characteristics (such as recent landslides or rock falls) are unfavorable to the presence of cultural properties. • The nature of the proposed action is such that no impact can be expected on significant cultural resources. • Conditions exist that could endanger the health or safety of personnel, such as the presence of hazardous materials, explosive ordnance, or unstable structures.
<p>UT-S-170 Monticello</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – CULTURAL</p> <p>Cultural properties eligible for or listed on the National Register of Historic Places shall be surrounded by an avoidance area sufficient to avoid impacts. (Although oil and gas activity must also meet this standard, a CSU lease stipulation is not necessary since this can be accomplished under the terms of the standard lease form.)</p> <p>Exceptions: An exception could be granted if the BLM authorized officer determines that avoidance of direct and indirect impacts to historic properties is not feasible (e.g. avoidance may cause unacceptable damage to other public land resources or affect valid existing rights).</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-172 Vernal</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY/CONTROLLED SURFACE USE/TIMING LIMITATIONS CULTURAL RESOURCES – FOUR MILE WASH (SECTION 18, T. 10 S., R. 19 E.)</p> <p>To protect traditional sacred properties, the area will be open for oil and gas leasing and other surface disturbing activities subject to timing and controlled surface-use stipulations or NSO.</p> <p>Exception: Permit excavation of cultural resources sites in NSO areas.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-174 Vernal</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY/CONTROLLED SURFACE USE/TIMING LIMITATIONS CULTURAL RESOURCES – UINTA FOOTHILLS AREA</p> <p>The area will be open for oil and gas leasing and other surface disturbing activities subject to timing and controlled surface-use stipulations or NSO.</p> <p>Exception: Permit excavation of cultural resources sites in NSO areas.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-175 Vernal</p>	<p style="text-align: center;">CONTROLLED SURFACE USE/TIMING LIMITATIONS CULTURAL RESOURCES – UPPER WILLOW CREEK AREA OF THE BOOK CLIFFS</p>

NUMBER	UTAH STIPULATIONS
	<p>To preserve the unique representation of the Archaic period, the surface disturbing activities will be subject to timing and controlled surface use stipulations.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-176 Price</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – FOSSIL RESOURCES (PRECONSTRUCTION SURVEYS)</p> <p>Preconstruction paleo surveys will be required prior to any surface disturbing activity in the Morrison, Cedar Mountain, Blackhawk, North Horn, or Chinle Formations.</p> <p>Exception: The authorized officer may grant an exception if the area has previously been inventoried within the last three (3) years. Modification: None Waiver: None</p>
<p>UT-S-177 Price</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – FOSSIL RESOURCES</p> <p>A BLM permitted paleontologist will be required to be onsite during surface disturbance in any Potential Fossil Yield Classification (PFYC) 4 or 5 areas.</p> <p>Exceptions: None Modification: None Waiver: None</p>
<p>UT-S-182 Monticello (Outside of MLP)</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – CRITICAL HABITAT OF THE ENDANGERED COLORADO RIVER FISHES</p> <p>Surface-disturbing activities will not be allowed within the 100-year floodplain of the Colorado River and San Juan River or lands within this watershed that contains tributaries with designated critical habitat for the Colorado River fish (bonytail, humpback chub, Colorado pike minnow, and razorback sucker) listed as endangered under the Endangered Species Act. Critical habitat was designated for the four endangered Colorado River fishes on March 21, 1994 (59 FR 13374-13400). Designated critical habitat for all the endangered fishes includes those portions of the 100-year floodplain that contain primary constituent elements necessary for survival of the species. Avoidance or use restrictions may be placed on portions of the lease. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p>

NUMBER	UTAH STIPULATIONS
	<p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All surveys must be conducted by qualified individual(s). 2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Avoid loss or disturbance of riparian habitats. 5. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable riparian habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers. 6. Conduct watershed analysis for leases in designated critical habitat and overlapping major tributaries in order to determine toxicity risk from permanent facilities. 7. Implement the Utah Oil and Gas Pipeline Crossing Guidance (from BLM National Science and Technology Center). 8. Drilling will not occur within 100-year floodplains of rivers or tributaries to rivers that contain listed fish species or critical habitat. 9. In areas adjacent to 100-year floodplains, particularly in systems prone to flash floods, analyze the risk for flash floods to impact facilities, and use closed loop drilling, and pipeline burial or suspension according to the Utah Oil and Gas Pipeline Crossing Guidance, to minimize the potential for equipment damage and resulting leaks or spills. <p>Water depletions from <i>any</i> portion of the Upper Colorado River drainage basin above Lake Powell are considered to adversely affect or adversely modify the critical habitat of the four resident endangered fish species, and must be evaluated with regard to the criteria described in the Upper Colorado River Endangered Fish Recovery Program. Formal consultation with USFWS is required for all depletions. All depletion amounts must be reported to BLM.</p> <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the USFWS between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Exception: An exception may be granted by the authorized officer if: 1) There is no practical alternative, and 2) The development would enhance riparian/aquatic values. This exception would require consultation with the USFWS. The authorized officer may also grant an exception if an</p>

NUMBER	UTAH STIPULATIONS
	<p>environmental analysis indicates that the nature or the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the Endangered Colorado River Fishes.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines a portion of the area is not being used as Critical Habitat.</p> <p>Waiver: A waiver may be granted if the Endangered Colorado River Fishes are de-listed and the Critical Habitat is determined by USFWS as not necessary for the survival and recovery of the Endangered Colorado River Fishes.</p>
<p>UT-S-183 Moab(Outside of MLP)</p>	<p align="center">NO SURFACE OCCUPANCY – CRITICAL HABITAT OF THE ENDANGERED COLORADO RIVER FISHES</p> <p>No surface-disturbing allowed within the 100-year floodplain of the Colorado River, Green River, and at the Dolores/Colorado River confluence or on lands within this watershed that contains tributaries with designated critical habitat for the Colorado River fish (bonytail, humpback chub, Colorado pike minnow, and razorback sucker) listed as endangered under the Endangered Species Act will be allowed. Critical habitat was designated for the four endangered Colorado River fishes on March 21, 1994 (59 FR 13374-13400). Designated critical habitat for all the endangered fishes includes those portions of the 100-year floodplain that contain primary constituent elements necessary for survival of the species. Avoidance or use restrictions may be placed on portions of the lease. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration, of and adherence to these measures will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All Surveys must be conducted by qualified individual(s). 2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Avoid loss or disturbance of riparian habitats. 5. Where technically and economically feasible, use directional drilling

NUMBER	UTAH STIPULATIONS
	<p>or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable riparian habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers.</p> <ol style="list-style-type: none"> 6. Conduct watershed analysis for leases in designated critical habitat and overlapping major tributaries in order to determine toxicity risk from permanent facilities. 7. Implement the Utah Oil and Gas Pipeline Crossing Guidance (from BLM National Science and Technology Center). 8. Drilling will not occur within 100-year floodplains of rivers or tributaries to rivers that contain listed fish species or critical habitat. 9. In areas adjacent to 100-year floodplains, particularly in systems prone to flash floods, analyze the risk for flash floods to impact facilities, and use closed loop drilling, and pipeline burial or suspension according to the Utah Oil and Gas Pipeline Crossing Guidance, to minimize the potential for equipment damage and resulting leaks or spills. <p>Water depletions from <i>any</i> portion of the Upper Colorado River drainage basin above Lake Powell are considered to adversely affect or adversely modify the critical habitat of the four resident endangered fish species, and must be evaluated with regard to the criteria described in the Upper Colorado River Endangered Fish Recovery Program. Formal consultation with USFWS is required for all depletions. All depletion amounts must be reported to BLM.</p> <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the USFWS between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Exception: An exception may be granted by the authorized officer if: 1) There is no practical alternative, and 2) the development would enhance riparian/aquatic values. This exception would require consultation with the USFWS. The authorized officer may also grant an exception if an environmental analysis indicates that the nature or the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the Endangered Colorado River Fishes.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines a portion of the area is not being used as Critical Habitat.</p> <p>Waiver: A waiver may be granted if the Endangered Colorado River Fishes are de-listed and the Critical Habitat is determined by USFWS as not necessary for the survival and recovery of the Endangered Colorado River</p>

NUMBER	UTAH STIPULATIONS
	Fishes.
<p>UT-S-192 Moab</p>	<p>CONTROLLED SURFACE USE – GREATER SAGE-GROUSE LEK SITES</p> <p>No surface disturbing activities will be allowed within 0.5 mile of a lek within Greater Sage-Grouse habitat.</p> <p>Exception: An exception may be granted by the authorized officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if (1) portions of the area do not include lek sites, or (2) the lek site(s) have been completely abandoned or destroyed, or (3) occupied lek site(s) occur outside the current defined area; as determined by the BLM.</p> <p>Waiver: A waiver may be granted if there are no active lek site(s) in the leasehold and it is determined the site(s) have been completely abandoned or destroyed or occur outside current defined area, as determined by the BLM.</p>
<p>UT-S-193 Price</p>	<p>NO SURFACE OCCUPANCY – GREATER SAGE-GROUSE LEK SITES</p> <p>No surface occupancy within 1/2 mile of Greater Sage-Grouse leks found outside of Priority Habitat Management Areas (PHMA).</p> <p>Exception: The authorized officer may grant an exception if an environmental analysis demonstrates that the action will not impair the function or utility of the site for current or subsequent reproductive display, including daytime loafing/staging activities, and/or will not result in development of a permanent aboveground structure within 1/2 mile of a lek.</p> <p>Modification: The authorized officer may modify the NSO area in extent if an environmental analysis finds that a portion of the NSO area is nonessential to site utility or function, or if further analysis shows that the size or location of the lek has changed, or that the proposed action could be conditioned to not impair the function or utility of the site for current or subsequent reproductive display including daytime loafing/staging activities.</p> <p>Waiver: A waiver may be granted if there are no active lek sites and it is determined the sites have been completely abandoned or destroyed or occur outside the initial identified area, as determined by BLM.</p>
<p>UT-S-195 Vernal</p>	<p>NO SURFACE OCCUPANCY – GREATER SAGE-GROUSE LEKS</p> <p>No surface-disturbing activities within 1/4 mile of active Greater Sage-Grouse leks year-round found outside of Priority Habitat Management Areas (PHMA).</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>

NUMBER	UTAH STIPULATIONS
<p>UT-S-198 Salt Lake</p>	<p>TIMING LIMITATION – SAGE-GROUSE STRUTTING GROUNDS In order to protect Greater Sage-Grouse strutting grounds found outside of Priority Habitat Management Areas (PHMA), exploration, drilling, and other development activity will not be allowed during the period from April 1 through June 15. This limitation does not apply to maintenance and operation of producing wells. Exception: Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the BLM. Modification: None Waiver: None</p>
<p>UT-S-199 Salt Lake</p>	<p>TIMING LIMITATION – SAGE-GROUSE STRUTTING GROUNDS In order to protect Greater Sage-Grouse strutting grounds found outside of Priority Habitat Management Areas (PHMA), exploration, drilling, and other development activity will not be allowed during the period from March 1 through May 15. This limitation does not apply to maintenance and operation of producing wells. Exception: Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the BLM. Modification: None Waiver: None</p>
<p>UT-S-200 Salt Lake</p>	<p>CONTROLLED SURFACE USE/TIMING LIMITATION – CRUCIAL SAGE-GROUSE BREEDING COMPLEXES In order to protect Greater Sage-Grouse breeding complexes found outside of Priority Habitat Management Areas (PHMA), exploration, and drilling and other development activity within 0.5 mile radius of the complexes will be allowed from June 16 to March 14. This limitation does not apply to maintenance and operation of producing wells. Exception: Specific exceptions may be granted by the BLM if the proposed activity will not seriously disturb wildlife habitat values being protected. This determination will be made by a BLM wildlife biologist in coordination with the Utah Division of Wildlife Resources (UDWR) and, if appropriate, the USFWS. Such a determination may result if the Greater Sage-Grouse complex has remained inactive over a period of years and it is determined by the BLM and UDWR that the population no longer used the complex and no longer requires protection from disturbing activities for fluid mineral leasing and exploration. Modification: None Waiver: None</p>
<p>UT-S-202 Moab</p>	<p>TIMING LIMITATION – GREATER SAGE-GROUSE NESTING AND BROODING</p>

NUMBER	UTAH STIPULATIONS
	<p>No surface-disturbing activities in mapped nesting and brood rearing habitat within 2.0 miles of a Greater Sage-Grouse lek from March 15 to July 15.</p> <p>Exception: An exception may be granted by the authorized officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the brooding/nesting habitat is not active.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if (1) portions of the area do not include brooding/nesting habitat, or (2) the brooding/nesting habitat has been completely abandoned or destroyed, or (3) occupied brooding/nesting habitat occurs outside the current defined area; as determined by the BLM.</p> <p>Waiver: A waiver may be granted if there is no active brooding/nesting habitat in the leasehold and it is determined the habitat has been completely abandoned or destroyed or occurs outside the current defined area, as determined by the BLM.</p>
<p>UT-S-203 Price</p>	<p>TIMING LIMITATION – GREATER SAGE-GROUSE NESTING AND BROODING</p> <p>No surface disturbing or otherwise disruptive activities within 2 miles of known Greater Sage-Grouse leks found outside of Priority Habitat Management Areas (PHMA) from March 15 to July 15.</p> <p>Exception: The authorized officer may grant an exception if an environmental analysis demonstrates that the action would not impair the function or utility of the habitat for nesting or early brood-rearing activities.</p> <p>Modification: Season may be adjusted depending on climatic and habitat conditions. Disturbance could occur if the activity were proposed to occur within the buffer, but would occur in non-sagebrush habitat, i.e., the activity could be allowed if it was not in Greater Sage-Grouse habitat and did not in some other way disturb nesting or brood-rearing activity.</p> <p>Waiver: This stipulation may be waived if, in cooperation with UDWR, it is determined that the site has been permanently abandoned or unoccupied for a minimum of 5 years.</p>
<p>UT-S-205 Vernal</p>	<p>TIMING LIMITATION – GREATER SAGE-GROUSE BROOD REARING AND NESTING</p> <p>No surface-disturbing activities within 2 miles of active Greater Sage-Grouse leks found outside of Priority Habitat Management Areas (PHMA) within brood rearing and nesting habitat from March 1 - June 15.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-206 Vernal</p>	<p>CONTROLLED SURFACE USE – GREATER SAGE-GROUSE (NOISE REDUCTION)</p>

NUMBER	UTAH STIPULATIONS
	<p>Within ½ mile of known active Greater Sage-Grouse leks found outside of Priority Habitat Management Areas (PHMA) use the best available technology such as installation of multi-cylinder pumps, hospital sound reducing mufflers, and placement of exhaust systems to reduce noise.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-207 Vernal</p>	<p>CONTROLLED SURFACE USE – GREATER SAGE-GROUSE (STRUCTURES)</p> <p>No permanent facilities or structures would be allowed within 2 miles Greater Sage-Grouse leks found outside of Priority Habitat Management Areas (PHMA) when possible.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-208 Salt Lake</p>	<p>TIMING LIMITATION – SAGE-GROUSE BREEDING AND NESTING HABITAT</p> <p>In order to protect important Greater Sage-Grouse breeding and nesting habitat outside of Priority Habitat Management Areas (PHMA), exploration, drilling, and other development activity within two miles of any strutting ground found outside of PHMA will be allowed only during the period from June 16 to February 28. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-211 Moab</p>	<p>TIMING LIMITATION – GREATER SAGE-GROUSE WINTER HABITAT</p> <p>No surface-disturbing activities in mapped Greater Sage-Grouse winter habitat from November 15 to March 14.</p> <p>Exception: An exception may be granted by the authorized officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the habitat is not occupied during the winter season.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if (1) portions of the area do not include winter habitat, or (2) the brooding/nesting habitat has been completely abandoned or destroyed, or (3) occupied winter activity occurs outside the current defined area; as determined by the BLM.</p>

NUMBER	UTAH STIPULATIONS
	<p>Waiver: A waiver may be granted if the winter habitat in the leasehold has been completely abandoned or destroyed or occurs outside the current defined area, as determined by the BLM.</p>
<p>UT-S-212 Price</p>	<p>TIMING LIMITATION – GREATER SAGE-GROUSE WINTER HABITAT</p> <p>No surface disturbing or otherwise disruptive activities within Greater Sage-Grouse winter habitat outside of Priority Habitat Management Areas (PHMA) seasonally from December 1 to March 14.</p> <p>Exception: Upon review and monitoring, the authorized officer may grant exceptions because of climatic and/or habitat conditions if certain criteria are met and if activities would not cause undue stress to wintering Greater Sage-Grouse.</p> <p>Modification: Season may be adjusted depending on climatic and habitat conditions.</p> <p>Waiver: This stipulation may be waived if, in cooperation with the State wildlife agency, it is determined that the site has been permanently abandoned or unoccupied for a minimum of 5 years.</p>
<p>UT-S-214 Salt Lake</p>	<p>TIMING LIMITATION – GREATER SAGE-GROUSE WINTER HABITAT</p> <p>In order to protect important Greater Sage-Grouse winter habitat outside of Priority Habitat Management Areas (PHMA), exploration, drilling, and other development activity will be allowed only during the period from March 1 to November 30. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the BLM.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-215 Moab</p>	<p>CONTROLLED SURFACE USE – GUNNISON SAGE-GROUSE LEK SITES</p> <p>No surface disturbing activities will be allowed within 0.6 mile of a lek where Gunnison sage-grouse leks are discovered within sage-grouse habitat.</p> <p>Exception: An exception may be granted by the authorized officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if (1) portions of the area do not include lek sites, or (2) the lek site(s) have been completely abandoned or destroyed, or (3) occupied lek site(s) occur outside the current defined area, as determined by the BLM.</p>

NUMBER	UTAH STIPULATIONS
	<p>Waiver: A waiver may be granted if there are no active lek site(s) in the leasehold and it is determined the site(s) have been completely abandoned or destroyed or occur outside current defined area, as determined by the BLM.</p>
<p>UT-S-216 Monticello</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – GUNNISON SAGE-GROUSE LEK HABITAT</p> <p>No surface-disturbing activities are allowed within 0.6 miles of an active strutting ground to protect Gunnison sage-grouse and their habitat.</p> <p>Exception: The authorized officer may grant an exception if, after an analysis, the authorized officer determines that the animals are not present in the project area or the activity can be completed so as to not adversely affect the animals.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if a portion of the area is not being used as sage-grouse habitat.</p> <p>Waiver: A waiver may be granted if the habitat is determined as unsuitable for sage-grouse.</p>
<p>UT-S-218 Moab (Outside of MLP), Vernal</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – WHITE-TAILED PRAIRIE DOG</p> <p>No surface-disturbing activities within 660 feet of prairie dog colonies identified within prairie dog habitat. No permanent aboveground facilities are allowed within the 660 feet buffer.</p> <p>Exception: An exception may be granted by the authorized officer if the applicant submits a plan that indicates that impacts of the proposed action can be adequately mitigated or, if due to the size of the town, there is no reasonable location to develop a lease and avoid colonies the authorized officer will allow for loss of prairie dog colonies and/or habitat to satisfy terms and conditions of the lease.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if portions of the area does not include prairie dog habitat or <i>active</i> colonies are found outside current defined area, as determined by BLM.</p> <p>Waiver: May be granted if in the leasehold if it is determined that habitat no longer exists or has been destroyed.</p>
<p>UT-S-219 Salt Lake</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – WHITE-TAILED PRAIRIE DOG TOWNS</p> <p>No occupancy or other surface disturbance will be allowed within White-tailed prairie dog towns, if such activity will result in destruction of the prairie dog town.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>

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<p>UT-S-220 Moab (Outside of MLP)</p>	<p>CONTROLLED SURFACE USE – GUNNISON PRAIRIE DOG</p> <p>No surface-disturbing activities within 660 feet of active prairie dog colonies identified within prairie dog habitat. No permanent aboveground facilities are allowed within the 660 feet buffer.</p> <p>Exception: An exception may be granted by the authorized officer if the applicant submits a plan that indicates that impacts of the proposed action can be adequately mitigated or, if due to the size of the town, there is no reasonable location to develop a lease and avoid colonies the authorized officer will allow for loss of prairie dog colonies and/or habitat to satisfy terms and conditions of the lease.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if portions of the area does not include prairie dog habitat or <i>active</i> colonies are found outside current defined area, as determined by BLM.</p> <p>Waiver: May be granted if it is determined that the habitat no longer exists or has been destroyed within the leasehold.</p>
<p>UT-S-224 Moab (Outside of MLP)</p>	<p>TIMING LIMITATION – PRONGHORN FAWNING GROUNDS</p> <p>No surface-disturbing activities from May 1 to June 15 within Cisco Desert and Hatch Point pronghorn fawning grounds to minimize stress and disturbance during critical pronghorn birthing time.</p> <p>Exception: May be granted to these dates by the authorized officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or if it is determined the habitat is not being utilized for fawning in any given year.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if a portion of the area is not being used as fawning grounds or if habitat is being utilized outside of stipulation boundaries as crucial fawning grounds and needs to be protected.</p> <p>Waiver: May be granted if the fawning grounds are determined to be unsuitable or unoccupied and there is no reasonable likelihood of future use of the fawning grounds.</p>
<p>UT-S-226 Vernal</p>	<p>TIMING LIMITATIONS – ANTELOPE FAWNING AREAS WITHIN ANTELOPE FLAT</p> <p>Do not allow activities that will result in adverse impacts to antelope fawning from May 1 through June 30 within the Antelope Flat area.</p> <p>Exception: An exception will apply if antelope are not present, or impacts could be mitigated through other management actions. Additionally this restriction will not apply to maintenance and operation of existing facilities.</p> <p>Modification: None</p> <p>Waiver: None</p>

NUMBER	UTAH STIPULATIONS
<p>UT-S-228 Salt Lake</p>	<p align="center">TIMING LIMITATION – CRUCIAL ANTELOPE FAWNING AREAS</p> <p>In order to protect crucial antelope fawning areas, exploration, drilling, and other development activity will not allowed from April 15 to July 1. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: Specific exceptions may be granted by the BLM if the proposed activity will not seriously disturb wildlife habitat values being protected. This determination will be made by a BLM wildlife biologist in coordination with the UDWR. Such a determination may result if fawning is completed early and the fawning area is abandoned earlier to allow for disturbing activities for fluid mineral leasing and exploration to start earlier than July 1.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-229 Moab (Outside of MLP)</p>	<p align="center">TIMING LIMITATION – CRUCIAL DEER AND ELK WINTER RANGE</p> <p>No surface disturbing activities from November 15 to April 15 within crucial deer and/or elk winter range to minimize stress and disturbance to deer and elk during critical winter months.</p> <p>Exception: This stipulation does not apply to the maintenance and operation of existing and ongoing facilities. An exception may be granted by the authorized officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the habitat is not being utilized during the winter period for any given year.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area (1) if a portion of the area is not being used as winter range by deer/elk or (2) if habitat is being utilized outside of stipulation boundaries as winter range and needs to be protected or (3) if the migration patterns have changed causing a difference in the season of use.</p> <p>Waiver: May be granted if the winter range habitat is unsuitable or unoccupied during winter months by deer/elk and there is no reasonable likelihood of future winter range use.</p>
<p>UT-S-230 Vernal</p>	<p align="center">TIMING LIMITATION – CRUCIAL DEER AND ELK WINTER RANGE</p> <p>No surface disturbing activities in deer and elk crucial winter range from December 1 - April 30.</p> <p>Exception: This restriction would not apply if and/or elk are not present, or if it is determined through analysis and coordination with UDWR that impacts could be mitigated. Factors to be considered would include snow depth, temperature, snow crusting, location of disturbance, forage quantity and quality, animal condition, and expected duration of disturbance.</p>

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	<p>Modification: The stipulation could be modified based on findings of collaborative monitoring and analysis. For example, the winter range configuration and time frames could be changed if current animal use patterns are determined to be inconsistent with the dates and boundaries established.</p> <p>Waiver: This stipulation could be waived if it is determined through collaborative monitoring and analysis that the area is not crucial winter range or that timing restrictions are unnecessary.</p>
<p>UT-S-231 Vernal</p>	<p align="center">CONTROLLED SURFACE USE – CRUCIAL DEER WINTER RANGE</p> <p>Within crucial deer winter range, no more than 10% of such habitat will be subject to surface disturbance and remain un-reclaimed at any given time.</p> <p>Exception: This stipulation may be excepted if either the resource values change or the lessee/operator demonstrates to BLMs satisfaction that impacts can be mitigated.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-232 Price</p>	<p align="center">TIMING LIMITATION – MULE DEER AND ELK CRUCIAL WINTER RANGE</p> <p>No surface disturbing or otherwise disruptive activities within mule deer and elk crucial winter range from December 1 to April 15.</p> <p>Exception: Upon review and monitoring, the authorized officer may grant exceptions because of climatic and/or range conditions if certain criteria are met and if activities would not cause undue stress to deer and/or elk populations or habitats.</p> <p>Modification: Season may be adjusted depending on climatic and range conditions.</p> <p>Waiver: A waiver may be granted if the winter range habitat is unsuitable for or unoccupied during winter months by deer/elk and there is no reasonable likelihood of future winter range use.</p>
<p>UT-S-233 Richfield</p>	<p align="center">TIMING LIMITATION – CRUCIAL MULE DEER AND ELK WINTER HABITAT</p> <p>Restrict surface disturbing activities in crucial mule deer and elk habitats from December 15 to April 15 to protect winter habitats.</p> <p>Exception: This stipulation does not apply to the maintenance and operation of existing and ongoing facilities. An exception may be granted by the Field Manager if the operator submits a plan that demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the habitat is not being used during the winter period for any given year.</p> <p>Modification: The Field Manager may modify the boundaries of the stipulation area if (1) a portion of the area is not being used as crucial</p>

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	<p>winter range by deer/elk, (2) habitat outside of stipulation boundaries is being used as crucial winter range and needs to be protected, or (3) the migration patterns have changed causing a difference in the season of use.</p> <p>Waiver: A waiver may be granted if the winter range habitat is unsuitable or unoccupied during winter months by deer/elk and there is no reasonable likelihood of future winter range use.</p>
<p>UT-S-234 Monticello (Outside of MLP)</p>	<p>TIMING LIMITATION – CRUCIAL DEER WINTER RANGE</p> <p>No surface-disturbing activities within crucial deer winter range from November 15 to April 15 to minimize stress and disturbance to deer during crucial winter months.</p> <p>Exception: The authorized officer may grant an exception if, after an analysis, the authorized officer determines that the animals are not present in the project area or the activity can be completed so as to not adversely affect the animals. Routine operation and maintenance is allowed.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if a portion of the area is not being used as deer winter range.</p> <p>Waiver: May be granted if the deer winter range is determined to be unsuitable or unoccupied and there is no reasonable likelihood of future use of the deer winter range.</p>
<p>UT-S-237 Salt Lake Randolph MFP</p>	<p>TIMING LIMITATION – CRUCIAL MULE DEER WINTER RANGE</p> <p>In order to protect crucial mule deer winter range, exploration, drilling, and other development activity in will not be allowed from November 15 to April 30. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: This can be excepted by the District Manager</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-242 Monticello (Outside of MLP)</p>	<p>TIMING LIMITATION – CRUCIAL ELK WINTER RANGE</p> <p>No surface-disturbing activities within crucial elk winter range from November 15 to April 15 to minimize stress and disturbance to elk during crucial winter months.</p> <p>Exception: The authorized officer may grant an exception if, after an analysis, the authorized officer determines that the animals are not present in the project area or the activity can be completed so as to not adversely affect the animals. Routine operation and maintenance is allowed.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if a portion of the area is not being used as elk winter range.</p>

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	<p>Waiver: May be granted if the elk winter range is determined to be unsuitable or unoccupied and there is no reasonable likelihood of future use of the elk winter range.</p>
<p>UT-S-246 Moab (Outside of MLP)</p>	<p style="text-align: center;">TIMING LIMITATION – DEER AND ELK FAWNING AND CALVING HABITAT</p> <p>No surface disturbing activities in deer and elk fawning and calving habitat from May 15 to June 30 to minimize stress and disturbance during this critical period.</p> <p>Exception: This stipulation does not apply to the maintenance and operation of existing and ongoing facilities. An exception may be granted by the authorized officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the habitat is not being utilized during the critical period for any given year.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area (1) if a portion of the area is not being used as fawning and calving habitat or (2) if the habitat is being utilized outside of stipulation boundaries and needs to be protected or (3) if the migration patterns have changed causing a difference in the season of use.</p> <p>Waiver: May be granted if the fawning and calving habitat is unsuitable or unoccupied during winter months by deer/elk and there is no reasonable likelihood of future winter range use.</p>
<p>UT-S-247 Vernal</p>	<p style="text-align: center;">TIMING LIMITATION – CRUCIAL ELK CALVING AND DEER FAWNING HABITAT</p> <p>In order to protect crucial elk calving and deer fawning habitat exploration, drilling, and other development activity will not be allowed from May 15 - June 30.</p> <p>Exception: This restriction would not apply to maintenance and operation of existing facilities. This stipulation may be excepted if either the resource values change or the lessee/operator demonstrates to BLMs satisfaction that adverse impact can be mitigated.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-248 Price</p>	<p style="text-align: center;">TIMING LIMITATION – MULE DEER FAWNING AND ELK CALVING AREAS</p> <p>No surface disturbing or otherwise disruptive activities within mule deer fawning and elk calving areas from May 15 to July 5.</p> <p>Exception: Upon review and monitoring, the authorized officer may grant exceptions because of climatic and/or range conditions if certain criteria are met and if activities would not cause undue stress to deer and elk populations or habitats.</p>

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	<p>Modification: Season may be adjusted depending on climatic and range conditions.</p> <p>Waiver: A waiver may be granted if the fawning and calving habitat is unsuitable or unoccupied by deer/elk and there is no reasonable likelihood of future use.</p>
<p>UT-S-249 Salt Lake</p>	<p style="text-align: center;">TIMING LIMITATION – CRUCIAL MULE DEER SUMMER/FAWNING AREAS</p> <p>In order to protect crucial mule deer fawning areas, exploration, drilling and other development activity will be allowed only from August 1 to April 14. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: Specific exceptions may be granted by the BLM if the proposed activity will not seriously disturb wildlife habitat values being protected. This determination will be made by a BLM wildlife biologist in coordination with the UDWR and, if appropriate, the USFS. Such a determination may result if fawning is completed early and the fawning area is abandoned earlier to allow for disturbing activities for fluid mineral leasing and exploration to start earlier than July 31.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-251 Vernal</p>	<p style="text-align: center;">TIMING LIMITATION – DEER MIGRATION CORRIDOR (MONUMENT AND McCOOK RIDGES)</p> <p>No surface-disturbing activities from April 15-May 31 within McCook and Monument Ridge mule deer migration corridors.</p> <p>Exception: This stipulation may be excepted if either the resource values change or the lessee/operator demonstrates to BLM’s satisfaction that adverse impact can be mitigated.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-253 Price</p>	<p style="text-align: center;">TIMING LIMITATION – DESERT AND ROCKY MOUNTAIN BIGHORN SHEEP</p> <p>No surface disturbing or otherwise disruptive activities within Desert bighorn sheep and Rocky Mountain bighorn sheep spring/lambing within crucial yearlong range from April 15 to June 15.</p> <p>Exception: Upon review and monitoring, the authorized officer may grant exceptions because of climatic and/or range conditions if certain criteria are met and if activities would not cause undue stress to Desert bighorn sheep and Rocky Mountain bighorn sheep populations or habitats.</p> <p>Modification: Season may be adjusted depending on climatic and range conditions.</p>

NUMBER	UTAH STIPULATIONS
	<p>Waiver: A waiver may be granted if the habitat is determined to be unsuitable for lambing and there is no reasonable likelihood of future use as bighorn lambing grounds.</p>
<p>UT-S-256 Moab (Outside of MLP)</p>	<p align="center">NO SURFACE OCCUPANCY – DESERT BIGHORN LAMBING AND MIGRATION CORRIDORS</p> <p>No surface-disturbing activities are allowed within desert bighorn lambing grounds and migration corridors.</p> <p>Exception: Within migration corridors, pipeline and road construction and geophysical exploration for oil and gas development would be allowed from June 16 through October 14 and from December 16 through March 31. The authorized officer may also grant an exception if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if a portion of the area is (1) not being used as desert bighorn lambing grounds or migration corridors (2) if habitat is being utilized outside of stipulation boundaries for and needs to be protected.</p> <p>Waiver: A waiver may be granted if the habitat is determined as unsuitable for lambing or migration and there is no reasonable likelihood of future use as desert bighorn lambing and migration corridors.</p>
<p>UT-S-257 Price</p>	<p align="center">TIMING LIMITATION – MOOSE WINTER RANGE</p> <p>No surface disturbing or otherwise disruptive activities within moose winter range from December 1 to April 15.</p> <p>Exception: Upon review and monitoring, the authorized officer may grant exceptions because of climatic and/or range conditions if certain criteria are met and if activities would not cause undue stress to moose populations or habitats.</p> <p>Modification: Season may be adjusted depending on climatic and range conditions.</p> <p>Waiver: A waiver may be granted if the winter range habitat is unsuitable or unoccupied during winter months by moose and there is no reasonable likelihood of future winter range use.</p>
<p>UT-S-259 Monticello (Outside of MLP)</p>	<p align="center">TIMING LIMITATION – DESERT BIGHORN LAMBING AND RUTTING AREAS</p> <p>No surface-disturbing activities or occupancy are allowed from April 1 to June 15 for lambing and from October 15 to December 15 for rutting to minimize disturbance within desert bighorn lambing and rutting grounds.</p> <p>Exception: The authorized officer may grant an exception after an analysis by the authorized officer determines that the animals are not present in the project area or the activity can be completed so as to not adversely affect the animals. Routine operation and maintenance is allowed.</p>

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	<p>Modification: The authorized officer may modify the boundaries of the stipulation area if a portion of the area is not being used as desert bighorn lambing or rutting grounds.</p> <p>Waiver: A waiver may be granted if the habitat is determined as unsuitable for lambing and/or rutting grounds.</p>
<p>UT-S-260 Price</p>	<p style="text-align: center;">TIMING LIMITATION – RAPTOR HABITAT</p> <p>Raptor nesting complexes and known raptor nest sites will be closed seasonally from February 1 to July 15 within ½ mile of occupied nests.</p> <p>Exception: The authorized officer may grant an exception if the raptor nest in question is deemed to be inactive by May 31 and if the proposed activity would not result in a permanent structure or facility that would cause the subject nest to become unsuitable for nesting in future years.</p> <p>Modification: Season may be adjusted depending on climatic and range conditions. Distance may be adjusted if natural features provide adequate visual screening.</p> <p>Waiver: This stipulation may be waived if, in cooperation with the UDWR, it is determined that the site has been permanently abandoned or unoccupied for a minimum of 3 years.</p>
<p>UT-S-261 Vernal</p>	<p style="text-align: center;">TIMING LIMITATION – RAPTOR BUFFERS</p> <p>Raptor management will be guided by the use of "Best Management Practices for Raptors and Their Associated Habitats in Utah" (Utah BLM, 2006, Appendix A), utilizing seasonal and spatial buffers, as well as mitigation, to maintain and enhance raptor nesting and foraging habitat, while allowing other resource uses.</p> <p>Exception: None</p> <p>Modification: Criteria that would need to be met, prior to implementing modifications to the spatial and seasonal buffers in the “<i>Raptor BMPs</i>”, would include the following:</p> <ol style="list-style-type: none"> 1. Completion of a site-specific assessment by a wildlife biologist or other qualified individual. See example (Attachment 1 of the Raptor BMPs in Appendix A) 2. Written documentation by the BLM Field Office Wildlife Biologist, identifying the proposed modification and affirming that implementation of the proposed modification(s) would not affect nest success or the suitability of the site for future nesting. Modification of the “BMPs” would not be recommended if it is determined that adverse impacts to nesting raptors would occur or that the suitability of the site for future nesting would be compromised. 3. Development of a monitoring and mitigation strategy by a BLM biologist, or other raptor biologist. Impacts of authorized activities would be documented to determine if the modifications were implemented as described in the environmental documentation or

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	<p>Conditions of Approval, and were adequate to protect the nest site. Should adverse impacts be identified during monitoring of an activity, BLM would follow an appropriate course of action, which may include cessation or modification of activities that would avoid, minimize or mitigate the impact, or, with the approval of UDWR and the USFWS, BLM could allow the activity to continue while requiring monitoring to determine the full impact of the activity on the affected raptor nest. A monitoring report would be completed and forwarded to UDWR for incorporation into the Natural Heritage Program (NHP) raptor database.</p> <p>Waiver: None</p>
<p>UT-S-264 Salt Lake</p>	<p>TIMING LIMITATION – RAPTOR HABITAT AND NESTING SITES</p> <p>In order to protect Raptor habitat and nesting sites, exploration, drilling, and other development activity will not be allowed during the period from March 1 through May 15. This stipulation does not apply to maintenance and operation of producing wells.</p> <p>Exception: Exceptions to this stipulation in any year may be specifically authorized in writing by the authorized officer of the BLM if it can be shown that the activity would not impact any active raptor nests.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-269 Price</p>	<p>NO SURFACE OCCUPANCY – MEXICAN SPOTTED OWL NESTS</p> <p>No surface occupancy within 1/2 mile of known Mexican Spotted Owl (MSO) nests.</p> <p>Exception: The authorized officers may grant an exception if an environmental analysis demonstrates that the action would not impair the function or utility of the site for nesting or other owl-sustaining activities.</p> <p>Modification: The authorized officers may modify the NSO area in extent if an environmental analysis finds that a portion of the area is nonessential to site utility or function or if natural features provide adequate visual or auditory screening.</p> <p>Waiver: A waiver may be granted if the MSO is de-listed and the area is determined as not necessary for the survival and recovery of the MSO.</p>
<p>UT-S-270 Price</p>	<p>NO SURFACE OCCUPANCY – MEXICAN SPOTTED OWL NESTS</p> <p>No surface occupancy within 1/2 mile of known Mexican Spotted Owl (MSO) nests.</p> <p>Exception: The authorized officers may grant an exception if an environmental analysis demonstrates that the action would not impair the function or utility of the site for nesting or other owl-sustaining activities.</p> <p>Modification: The authorized officers may modify the NSO area in extent if an environmental analysis finds that a portion of the area is nonessential</p>

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	<p>to site utility or function or if natural features provide adequate visual or auditory screening.</p> <p>Waiver: A waiver may be granted if the MSO is de-listed and the area is determined as not necessary for the survival and recovery of the MSO.</p>
<p>UT-S-272 Moab (Outside of MLP)</p>	<p>CONDITIONAL SURFACE USE/TIMING LIMITATION – BURROWING OWL AND FERRUGINOUS HAWK NESTING</p> <p>No surface disturbances or occupancy will be conducted during the breeding and nesting season (March 1 to August 31 for burrowing owl and March 1 – August 1 for ferruginous hawk) within spatial buffers (0.25 mile for burrowing owl and 0.5 mile for ferruginous hawk) of known nesting sites.</p> <p>Exception: An exception would be granted if protocol surveys determine that nesting sites, breeding territories, and winter roosting areas are not occupied.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if portions of the area do not include habitat or are outside the current defined area, as determined by the BLM.</p> <p>Waiver: May be granted if it is determined the habitat no longer exists or has been destroyed.</p>
<p>UT-S-273 Moab (Outside of MLP)</p>	<p>CONDITIONAL SURFACE USE/TIMING LIMITATION – GOLDEN EAGLE NESTING SITES AND TERRITORIES</p> <p>No surface-disturbing activities will be allowed within a 0.5 miles radius of documented Golden Eagle nest sites within nesting territories from February 1 to July 15th or until fledgling and dispersal of young. Any access created by the action will be outside of nesting season and will be eliminated once action is complete.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS and UDWR. The authorized officer may also grant an exception if an environmental analysis indicates that the nature or the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the Golden Eagle.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an environmental analysis indicates and USFWS and UDWR determine a portion of the area is not being used as Golden Eagle nesting territories.</p> <p>Waiver: A waiver may be granted if an individual Golden Eagle nest has been inactive (unoccupied) for at least a period of 3 years. Nest-monitoring data for a 3-year period would be required before the waiver could be granted.</p>
<p>UT-S-275</p>	<p>CONTROLLED SURFACE USE/TIMING LIMITATION – BALD EAGLES</p>

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<p>Moab, Monticello (Outside of MLP)</p>	<p>Bald eagles would be protected as outlined in the Bald Eagle Protection Act of 1940 (16 U.S.C. 668-668d, 54 Stat. 250, as amended). Activities on BLM lands that contain nesting or winter roosting habitat for the bald eagle would be avoided or restricted, depending on the duration and timing of the activity. Bald eagles would be managed according to the Best Management Practices for Raptors and their Associated Habitats in Utah (BLM 2006c). These management requirements would include restrictions and avoidance measures, including required surveys prior to activity, possible monitoring during the activity, implementation of seasonal and spatial buffers during the breeding season (January 1 – August 31), and avoidance of disturbance in riparian areas unless impracticable. No future ground-disturbing activities would be authorized within a 1.0-mile radius of known bald eagle nest sites year-round. Deviations may be allowed only after appropriate levels of consultation and coordination with the USFWS/UDWR. In addition, no permanent above-ground structures would be allowed within a 0.50-mile radius of a winter roost site if the structure would result in the habitat becoming unsuitable for future winter roosting by bald eagles. These requirements would help to mitigate the adverse impacts of human disturbance on bald eagles during breeding and roosting seasons.</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All surveys must be conducted by qualified individual(s), and be conducted according to protocol. 2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures would be evaluated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Temporary activities within 1.0 mile of nest sites will not occur during the breeding season of January 1 to August 31, unless the area has been surveyed according to protocol and determined to be unoccupied. 5. Temporary activities within 0.5 miles of winter roost areas, e.g., cottonwood galleries, will not occur during the winter roost season of November 1 to March 31, unless the area has been surveyed according to protocol and determined to be unoccupied. 6. No permanent infrastructure will be placed within 1.0 mile of nest sites. 7. No permanent infrastructure will be placed within 0.5 miles of winter roost areas. 8. Remove big game carrion within 100 feet of lease roadways occurring within Bald Eagle foraging range. 9. Avoid loss or disturbance to large cottonwood gallery riparian habitats.

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	<p>10. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable habitat. Utilize direction drilling to avoid direct impacts to large cottonwood gallery riparian habitats. Ensure that such direction drilling does not intercept or degrade alluvial aquifers.</p> <p>11. All areas of surface disturbance within riparian areas and/or adjacent uplands should be re-vegetated with native species.</p> <p>Additional measures may also be employed to avoid or minimize effects to the species between the lease stage and lease development stage. These additional measures will be developed and implemented in coordination with the USFWS/UDWR to ensure continued compliance with the Bald Eagle Protection Act.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS/UDWR. The authorized officer may also grant an exception if an analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, would not impair the habitat and physical requirements determined necessary for the survival of the Bald Eagles.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an analysis indicates, and USFWS/UDWR determines that a portion of the area is not being used as Bald Eagle nesting or roosting territories or if additional nesting or roosting territories are identified.</p> <p>Waiver: May be granted if there is no reasonable likelihood of site occupancy over a minimum 10 year period.</p>
<p>UT-S-276 Richfield</p>	<p>CONTROLLED SURFACE USE/TIMING LIMITATIONS – BALD EAGLE</p> <p>The Lessee/Operator is given notice that the lands in this parcel contains nesting/winter roost habitat for the bald eagle, a federally listed species. Avoidance or use restrictions may be placed on portions of the lease. Application of appropriate measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside the bald eagle breeding or roosting season. A temporary action is completed prior to the following breeding or roosting season, leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding or roosting season and/or causes a loss of eagle habitat or displaces eagles through disturbances (e.g., creation of a permanent structure). The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act (ESA). Integration of, and adherence to, these measures will facilitate review and analysis of any submitted permits under the authority of this lease. Following these</p>

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	<p>measures could reduce the scope of ESA Section 7 consultation at the permit stage.</p> <p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations, unless species occupancy and distribution information is complete and available. All surveys must be conducted by qualified individual(s), and be conducted according to protocol. 2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Temporary activities within 1.0 mile of nest sites will not occur during the breeding season of January 1 to August 31, unless the area has been surveyed according to protocol and determined to be unoccupied. 5. Temporary activities within 0.5 miles of winter roost areas, e.g., cottonwood galleries, will not occur during the winter roost season of November 1 to March 31, unless the area has been surveyed according to protocol and determined to be unoccupied. 6. No permanent infrastructure will be placed within 1.0 mile of nest sites. 7. No permanent infrastructure will be placed within 0.5 miles of winter roost areas. 8. Remove big game carrion from within 100 feet from lease roadways occurring within bald eagle foraging range. 9. Avoid loss or disturbance to large cottonwood gallery riparian habitats. 10. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable habitat. Utilize directional drilling to avoid direct impacts to large cottonwood gallery riparian habitats. Ensure that such directional drilling does not intercept or degrade alluvial aquifers. 11. All areas of surface disturbance within riparian areas and/or adjacent uplands should be re-vegetated with native species. <p>Additional measures may also be employed to avoid or minimize effects to the species between the lease sale stage and lease development stage. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the ESA.</p> <p>Exception: None Modification: None</p>

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	Waiver: None
UT-S-278 Vernal	<p>CONTROLLED SURFACE USE – BALD EAGLE WINTER ROOST Protect and restore cottonwood bottoms for bald eagle winter habitat along the Green and White Rivers, at Pelican Lake, and at the Cliff Creek Bald Eagle roost site, as well as any new roost sites discovered in the future.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>
UT-S-281 Salt Lake	<p>CONTROLLED SURFACE USE/TIMING LIMITATION – BALD EAGLE HABITAT/NESTING AREAS In order to protect bald eagle habitat/nesting areas, exploration, and drilling and other development activity within 0.5 mile radius of the sites will not be allowed only from March 16 to November 14. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: Specific exceptions may be granted by the BLM if the proposed activity will not seriously disturb wildlife habitat values being protected. This determination will be made by a BLM wildlife biologist in coordination with the Utah Division of Wildlife Resources and the USF&WS. Such a determination may result if the roost site no longer exists or other roost sites are found to have taken over in importance to the bald eagles present to allow for disturbing activities for fluid mineral leasing and exploration.</p> <p>Modification: None</p> <p>Waiver: None</p>
UT-S-285 Price	<p>TIMING LIMITATION – MIGRATORY BIRD NESTING Migratory bird nesting areas will be closed seasonally from April 15 to August 1. Areas with migratory birds designated as BLM Special Status Species will have the highest priority.</p> <p>Exception: Upon review and monitoring, the authorized officer may grant exceptions because of climatic and/or habitat conditions if activities would not cause undue stress to migratory bird populations.</p> <p>Modification: Season may be adjusted depending on climatic and range conditions. Distance may be adjusted if natural features provide adequate visual screening.</p> <p>Waiver: None</p>
UT-S-288 Monticello (Outside of MLP)	<p>CONTROLLED SURFACE USE/TIMING LIMITATION – MEXICAN SPOTTED OWL In areas that contain suitable habitat for MSO or designated Critical Habitat, actions would be avoided or restricted that may cause stress and disturbance during nesting and rearing of their young. Appropriate measures would depend on whether the action is temporary or permanent</p>

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	<p>and whether it occurs within or outside the owl nesting season. A temporary action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding season and/or causes a loss of owl habitat or displaces owls through disturbances, i.e., creation of a permanent structure. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures, will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p> <p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to implementation of the proposed action. All surveys must be conducted by qualified individual(s) acceptable to the BLM. 2. Assess habitat suitability for both nesting and foraging using accepted habitat models in conjunction with field reviews. Apply the conservation measures below if project activities occur within 0.5 mile of suitable owl habitat. Determine potential effects of actions to owls and their habitat. <ol style="list-style-type: none"> a. Document type of activity, acreage and location of direct habitat impacts, type and extent of indirect impacts relative to location of suitable owl habitat. b. Document if action is temporary or permanent. 3. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated, and, if necessary, Section 7 consultation reinitiated. 4. Any activity that includes water production will be managed to ensure maintenance or enhancement of riparian habitat. 5. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in canyon habitat suitable for MSO nesting. 6. For all temporary actions that may impact owls or suitable habitat: <ol style="list-style-type: none"> a. If the action occurs entirely outside of the owl breeding season from March 1 through August 31, and leaves no permanent structure or permanent habitat disturbance, the action can proceed without an occupancy survey. b. If the action will occur during a breeding season, a survey for owls is required prior to commencing the activity. If owls are found, the activity shall be delayed until outside of the breeding season.

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	<p>c. Rehabilitate access routes created by the project through such means as raking out scars, re-vegetation, gating access points, etc.</p> <p>7. For all permanent actions that may impact owls or suitable habitat:</p> <p>a. Survey two consecutive years for owls according to accepted protocol prior to commencing activities.</p> <p>b. If owls are found, no disturbing actions will occur within 0.5 mile of an identified site. If nest site is unknown, no activity will occur within the designated current and historic Protected Activity Center (PAC).</p> <p>c. Avoid permanent structures within 0.5 mile of suitable habitat unless surveyed and not occupied.</p> <p>d. Reduce noise emissions (e.g., use hospital-grade mufflers) to 45 dBA at 0.5 mile from suitable habitat, including canyon rims. Placement of permanent noise-generating facilities should be contingent upon a noise analysis to ensure noise does not encroach upon a 0.5 mile buffer for suitable habitat, including canyon rims.</p> <p>e. Limit disturbances to and within suitable habitat by staying on designated and/or approved routes.</p> <p>f. Limit new access routes created by the project.</p> <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the U.S. Fish and Wildlife Service between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Modifications to the Surface Use Plan of Operations may be required in order to protect the MSO and/or habitat in accordance with Section 6 of the lease terms, the Endangered Species Act, and the regulations at 43 CFR 3101.1-2.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The authorized officer may also grant an exception if an analysis indicates that the nature or the conduct of the actions would not impair the primary constituent element determined necessary for the survival and recovery of the MSO and USFWS through consultation concurs with this determination.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an analysis indicates and USFWS (through applicable provisions of the ESA) determines a portion of the area is not being used as Critical Habitat.</p> <p>Waiver: A waiver may be granted if the MSO is de-listed and the Critical Habitat is determined by USFWS as not necessary for the survival and recovery of the MSO.</p>
UT-S-290	<p align="center">CONTROLLED SURFACE USE/TIMING LIMITATION – SOUTHWESTERN WILLOW FLYCATCHER</p>

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<p>Monticello (Outside of MLP)</p>	<p>In areas that contain riparian habitat within the range for the Southwestern Willow Flycatcher, actions would be avoided or restricted that may cause stress and disturbance during nesting and rearing of their young. Appropriate measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside the nesting season. A temporary action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding season and/or causes a loss of habitat or displaces flycatchers through disturbances, i.e., creation of a permanent structure. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures, will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p> <p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All surveys must be conducted by qualified individual(s) and be conducted according to protocol. 2. Activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures would be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable riparian habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers. 5. Activities will maintain a 300 feet buffer from suitable riparian habitat year long. 6. Activities within 0.25 mile of occupied breeding habitat would not occur during the breeding season of May 1 to August 15. 7. Ensure that water extraction or disposal practices do not result in change of hydrologic regime that would result in loss or degradation of riparian habitat. 8. Re-vegetate with native species all areas of surface disturbance within riparian areas and/or adjacent land. <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the USFWS between the</p>

NUMBER	UTAH STIPULATIONS
	<p>lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The authorized officer may also grant an exception if an environmental analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the Southwestern Willow Flycatcher and USFWS concurs with this determination.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is not being used as Southwestern Willow Flycatcher habitat.</p> <p>Waiver: May be granted if the Southwestern Willow Flycatcher is delisted and the Critical Habitat is determined by USFWS as not necessary for the survival and recovery of the Southwestern Willow Flycatcher.</p>
<p>UT-S-293 Richfield</p>	<p style="text-align: center;">CONTROLLED SURFACE USE/TIMING LIMITATIONS – CALIFORNIA CONDOR</p> <p>The Lessee/Operator is given notice that the lands located in this parcel contain potential habitat for the California Condor, a federally listed species. Avoidance or use restrictions may be placed on portions of the lease if the area is known or suspected to be used by condors. Application of appropriate measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside potential habitat. A <u>temporary</u> action is completed prior to the following important season of use, leaving no permanent structures and resulting in no permanent habitat loss. This would include consideration for habitat functionality. A <u>permanent</u> action continues for more than one season of habitat use, and/or causes a loss of condor habitat function or displaces condors through continued disturbance (i.e. creation of a permanent structure requiring repetitious maintenance, or emits disruptive levels of noise).</p> <p>The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act (ESA). Integration of, and adherence to these measures will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of ESA, Section 7 consultation at the permit stage. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All Surveys must be conducted by qualified individual(s) approved by the BLM, and must be conducted according to approved protocol.

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	<ol style="list-style-type: none"> 2. If surveys result in positive identification of condor use, all lease activities will require monitoring throughout the duration of the project to ensure desired results of applied mitigation and protection. Minimization measures will be evaluated during development and, if necessary, Section 7 consultation may be reinitiated. 3. Temporary activities within 1.0 mile of nest sites will not occur during the breeding season. 4. Temporary activities within 0.5 miles of established roosting sites or areas will not occur during the season of use, August 1 to November 31, unless the area has been surveyed according to protocol and determined to be unoccupied. 5. No permanent infrastructure will be placed within 1.0 mile of nest sites. 6. No permanent infrastructure will be placed within 0.5 miles of established roosting sites or areas. 7. Remove big game carrion from within 100 feet from lease roadways occurring within foraging range. 8. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable habitat utilize directional drilling to avoid direct impacts to large cottonwood gallery riparian habitats. Ensure that such directional drilling does not intercept or degrade alluvial aquifers. 9. Re-initiation of section 7 consultation with the Service will be sought immediately if mortality or disturbance to California condors is anticipated as a result of project activities. Additional site-specific measures may also be employed to avoid or minimize effects to the species. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the ESA. <p>Additional measures may also be employed to avoid or minimize effects to the species between the lease sale and lease development stages. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the ESA.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-294 Monticello, Moab</p>	<p style="text-align: center;">CONTROLLED SURFACE USE/TIMING LIMITATION – CALIFORNIA CONDOR</p> <p>In areas that contain habitat for California Condors, actions will be avoided or restricted if the area is known or suspected to be used by condors that may cause stress and disturbance to condors. Application of appropriate</p>

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	<p>measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside potential habitat. A temporary action is completed prior to the following important season of use, leaving no permanent structures and resulting in no permanent habitat loss. This would include consideration for habitat functionality. A permanent action continues for more than one season of habitat use, and/or causes a loss of condor habitat function or displaces condors through continued disturbance (i.e. creation of a permanent structure requiring repetitious maintenance, or emits disruptive levels of noise).</p> <p>The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All Surveys must be conducted by qualified individual(s) approved by the BLM, and must be conducted according to approved protocol. 2. If surveys result in positive identification of condor use, all lease activities will require monitoring throughout the duration of the project to ensure desired results of applied mitigation and protection. Minimization measures will be evaluated during development and, if necessary, Section 7 consultation may be reinitiated. 3. Temporary activities within 1.0 mile of nest sites will not occur during the breeding season. 4. Temporary activities within 0.5 miles of established roosting sites or areas will not occur during the season of use, August 1 to November 31, unless the area has been surveyed according to protocol and determined to be unoccupied. 5. No permanent infrastructure will be placed within 1.0 mile of nest sites. 6. No permanent infrastructure will be placed within 0.5 miles of established roosting sites or areas. 7. Remove big game carrion to 100 feet from on lease roadways occurring within foraging range. 8. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable habitat Utilize directional drilling to avoid direct impacts to large cottonwood gallery riparian habitats. Ensure that such directional drilling does not intercept or degrade alluvial aquifers.

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	<p>9. Re-initiation of section 7 consultation with the Service will be sought immediately if mortality or disturbance to California condors is anticipated as a result of project activities. Additional site-specific measures may also be employed to avoid or minimize effects to the species. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the ESA.</p> <p>Additional measures may also be employed to avoid or minimize effects to the species between the lease sale and lease development stages. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the Endangered Species Act.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The authorized officer may also grant an exception if an analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the California Condor and USFWS concurs with this determination.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is not being used as California Condor nesting or roosting territories.</p> <p>Waiver: May be granted (through applicable provisions of the ESA) if there is no reasonable likelihood of site occupancy over a minimum 10-year period.</p>
<p>UT-S-297 Moab, Monticello (Outside of MLP)</p>	<p style="text-align: center;">CONTROLLED SURFACE USE/TIMING LIMITATION – YELLOW-BILLED CUCKOO</p> <p>No surface-disturbing activities will be conducted within 100 meters of Yellow-billed Cuckoo habitat (riparian areas) from May 15th through July 20th.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The authorized officer may also grant an exception if an environmental analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the Yellow-billed Cuckoo and USFWS concurs with this determination.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is not being used as Yellow-billed Cuckoo habitat.</p>

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	<p>Waiver: May be granted if the Yellow-billed Cuckoo is de-listed and if USFWS determines it is not necessary for the survival and recovery of the Western Yellow-billed Cuckoo.</p>
<p>UT-S-298 Moab (Outside of MLP)</p>	<p style="text-align: center;">CONDITIONAL SURFACE USE – KIT FOX</p> <p>No surface disturbances within 200 meters of a kit fox den.</p> <p>Exception: An exception could be granted if protocol surveys determine that kit fox dens are not present.</p> <p>Modification: The authorized officer may modify the stipulation area if portions of the area do not contain habitat.</p> <p>Waiver: A waiver may be granted if it is determined that the habitat no longer exists.</p>
<p>UT-S-299 Vernal</p>	<p style="text-align: center;">CONTROLLED SURFACE USE/TIMING LIMITATIONS – BLACK-FOOTED FERRET – PRIMARY MANAGEMENT ZONE AREA</p> <p>BLM will manage the black-footed ferrets and the black-footed ferret primary management zone (PMZ) consistent with the Black-footed Ferret Reintroduction Plan Amendment (UT-080-1999-02) and those portions of the Cooperative Plan for the Reintroduction and Management of Black-footed Ferret in Coyote Basin, Uintah County, Utah that are consistent with this plan amendment.</p> <p>New power lines constructed through the PMZ will be raptor proof.</p> <p>Management activities within the PMZ will be conducted with the objective of maintaining at least 10,000 acres of prairie dog colonies. According to the US Fish and Wildlife Service (USFWS) and the Utah Division of Wildlife Resources (UDWR), a minimum of 8,000 acres is acceptable as long as the ferret habitat rating (the number of ferret families the habitat can support) does not fall below 50% of the 1989 levels. Whenever possible, such activities will avoid prairie dog habitat. Otherwise, activities will be designed to impact the smallest area possible and/or those areas with the lowest prairie dog densities. The creation of additional prairie dog habitat (e.g. burning vegetation and drilling new holes, etc.) will be required only if the disturbance or development reduces the prairie dog acreage below the 8,000 acre threshold. The period between breeding and emergence of young is a period of "sensitivity" for ferrets. This period extends from March 1 to July 15. The period between birth and emergence of young is a period of "critical" importance for successful ferret productivity. This period extends from May 1 to July 15.</p> <p>Activities involving the development or construction of temporary or permanent surface disturbances will be prohibited within 1/8 mile boundaries of known home ranges of female ferrets during the "critical" period from May 1 thru July 15. The home ranges will be determined from data obtained from radio collared animals. Previously existing or permitted operations which may occur within these boundaries will continue normal</p>

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	<p>operations; however, no new surface disturbances will be initiated at these sites during the "critical" period.</p> <p>If a ferret is discovered at a commercial facility (e.g. Gilsonite mine, well pad, power plant), it will then be decided by the USFWS and UDWR, if removal of the ferret was necessary and, if so, removal will be initiated within 48 hours. If the targeted animal(s) cannot be captured within 72 hours of the commencement of trapping activities, such activities will cease and be replaced by a monitoring program to ascertain the status of the animal(s). Further attempts to remove the subject animal(s) will be based on this monitoring.</p> <p>If ferrets are discovered at the site of a proposed commercial operation, then mitigation in the form of: delay of activities, movement of ferret(s), offsite prairie dog habitat development, redesign of activities, or any combination of the above will be required. The course of events chosen will be determined cooperatively by the operator, UDWR, the USFWS, and land management agencies.</p> <p>Exception: Retrofitting of existing poles and towers to raptor proof standards will not be required. Maintenance or construction of previously existing or permitted operations can continue. Ephemeral surface disturbance (disturbance in prairie dog habitat for less than six months, after which it again becomes or can be made suitable for prairie dog use), such as prescribed fire or herbicide treatment, may be conducted within 1/8 mile of the boundary of the home range of a female from March 1 to May 1.</p> <p>In general, the disturbance should be completed before the critical period begins. The USFWS, UDWR, and the land management agencies will determine if this exemption applies. Normal travel and surveying activities will not be restricted.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-301 Salt Lake</p>	<p>TIMING LIMITATION – SEASONAL WILDLIFE HABITAT</p> <p>In order to protect seasonal wildlife habitat, exploration, drilling, and other development activity will be allowed only during the period from April 16 to November 30. This limitation does not apply to maintenance and operation of producing wells.</p> <p>Exception: Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the BLM.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-305 Price</p>	<p>CONTROLLED SURFACE USE – NOXIOUS WEED</p> <p>Continue implementation of noxious weed and invasive species control actions in accordance with national guidance and local weed management</p>

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	<p>plans, in cooperation with State, federal, affected counties, adjoining private land owners, and other partners or interests directly affected. Implement Standard Operating Procedures and Mitigation Measures for herbicide use as well as prevention measures for noxious and invasive plants identified in the Record of Decision Vegetation Treatments Using Herbicides on Bureau of Land Management Lands in 17 Western States PEIS and associated documents.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-306 Monticello (Outside of MLP)</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – NAVAJO SEDGE</p> <p>In areas that contain habitat for Navajo sedge, actions will be avoided or restricted if that area is known or suspected to be habitat for Navajo sedge and the action may cause stress or disturbance to the plant.</p> <p>The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p> <ol style="list-style-type: none"> 1. Site inventories: <ol style="list-style-type: none"> a. Must be conducted to determine habitat suitability, b. Are required in known or potential habitat for all areas proposed for surface disturbance prior to initiation of project activities, at a time when the plant can be detected, and during appropriate flowering periods, c. Documentation should include, but not be limited to individual plant locations and suitable habitat distributions, and d. All surveys must be conducted by qualified individuals. 2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Project activities must be designed to avoid direct disturbance to populations and to individual plants: <ol style="list-style-type: none"> a. Designs will avoid concentrating water flows or sediments into plant occupied habitat. b. Construction will occur down slope of plants and populations where feasible; if well pads and roads must be sited upslope, buffers of 100 feet minimum between surface disturbances and plants and populations will be incorporated. c. Where populations occur within 200 ft. of well pads, establish a buffer or fence the individuals or groups of individuals during and post-construction.

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	<p>d. Areas for avoidance will be visually identifiable in the field, e.g., flagging, temporary fencing, rebar, etc.</p> <p>e. For surface pipelines, use a 10 foot buffer from any plant locations:</p> <p>f. If on a slope, use stabilizing construction techniques to ensure the pipelines don't move towards the population.</p> <p>4. For riparian/wetland-associated species, e.g. Navajo Sedge, avoid loss or disturbance of riparian habitats:</p> <p>a. Ensure that water extraction or disposal practices do not result in change of hydrologic regime.</p> <p>5. Limit disturbances to and within suitable habitat by staying on designated routes.</p> <p>6. Limit new access routes created by the project.</p> <p>7. Place signing to limit ATV travel in sensitive areas.</p> <p>8. Implement dust abatement practices near occupied plant habitat.</p> <p>9. All disturbed areas will be re-vegetated with native species comprised of species indigenous to the area.</p> <p>10. Post construction monitoring for invasive species will be required.</p> <p>11. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in plant habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers.</p> <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the U.S. Fish and Wildlife Service between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The authorized officer may also grant an exception if an environmental analysis indicated that the nature of the conduct of the actions, as proposed or conditioned, would not impair the survival and recovery of the Navajo Sedge and USFWS concurs with this determination.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is no longer suitable habitat for Navajo Sedge.</p> <p>Waiver: May be granted if the Navajo Sedge is delisted and if USFWS determines it is not necessary for the survival and recovery of the Navajo Sedge.</p>
<p>UT-S-316 Statewide</p>	<p>MATERIAL SITE RIGHTS-OF-WAY:</p> <p>Lessee shall conduct operations in conformity with the following requirements:</p>

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	<ol style="list-style-type: none"> 1. The Utah State Department of Highways will have unrestricted rights of ingress of the property. 2. The lease will not conflict with the right of the Utah State Department of Highways to remove any road-building materials from the property. 3. The Utah State Department of Highways reserves the right to set up, operate, and maintain such facilities as are reasonable to expedite the removal, production, and use of the materials; and the lessee shall not interfere with the Highway Department's use of the property for such purposes.
<p>UT-S-317 Statewide</p>	<p style="text-align: center;">UNIT JOINDER</p> <p>The successful bidder will be required to join the _____ Unit Agreement or show reason why a joinder should not be required.</p>
<p>UT-S-317A Statewide</p>	<p style="text-align: center;">UNIT JOINDER</p> <p>The applicant will be required to join the _____ Unit Agreement or show reason why a joinder should not be required.</p>
<p>UT-S-318 Statewide</p>	<p style="text-align: center;">DRAINAGE</p> <p>All or part of the lands contained in this lease may be subject to drainage by well(s) located adjacent to this lease. The lessee shall be required within 60 days of lease issuance to submit to the authorized officer plans for protecting the lease from drainage. Compensatory royalty will be assessed effective the expiration of this 60-day period, if no plan is submitted. The plan must include either an Application for Permit to Drill (APD), a protective well, or an application to communitize the lease so that it is allocated production from a protective well off the lease. Either of these options may include obtaining a variance to State spacing for the area. In lieu of this plan, the lessee shall be required to demonstrate that a protective well would have little or no chance of encountering oil and gas in quantities sufficient to pay in excess the costs of drilling and operating the well. In absence of either an acceptable plan for protecting the lease from drainage or an acceptable justification why a protective well would not be economical, the lessee shall be obligated to pay compensatory royalty to the Minerals Management Service at a rate to be determined by the authorized officer.</p>
<p>UT-S-322</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – CULTURAL RESOURCES (SITES, STRUCTURES, OBJECTS, AND TRADITIONAL USE AREAS)</p> <p>Protective measures will be established and implemented for sites, structures, objects, and traditional use areas that are important to tribes with historical and cultural connections to the land, in order to maintain the view shed and intrinsic values, as well as the auditory, visual, and esthetic settings of the resources. Protection measures for undisturbed cultural</p>

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	<p>resources and their natural settings will be developed in compliance with regulatory mandates and Native American consultation.</p> <p>Purpose: Protect and preserve cultural resources, sites, structures, objects and traditional use areas of religious significance to Native Americans.</p> <p>Exceptions: An exception could be granted if the BLM authorized officer determines that avoidance of direct and indirect impacts to historic properties is not feasible (e.g. avoidance may cause unacceptable damage to other public land resources or affect valid existing rights).</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-325 (Mnticello?)</p>	<p style="text-align: center;">TIMING LIMITATION – RAPTOR NEST SITES</p> <p>Restrict surface disturbing activities within ½ mile around special status raptor species nest sites during the following time periods: Mar 1–Aug 1: Ferruginous hawk Mar 1–Aug 15: N. Goshawk</p> <p>Restrict surface disturbing activities within ¼ mile around special status raptor species nest sites during the following time periods: Mar 1–Aug 1: Short-eared owl Mar 1–Aug 31: Burrowing owl</p> <p>Exception: An exception could be granted if surveys determine that nesting sites are not occupied.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if portions of the area do not include habitat or are outside the current defined area, as determined by the BLM.</p> <p>Waiver: A waiver may be granted if it is determined the habitat no longer exists or has been destroyed.</p>
<p>UT-S-326 Vernal</p>	<p style="text-align: center;">LOWER GREEN RIVER EXPANSION</p> <p>No Surface Occupancy will be allowed within line of sight or up to one-half mile from the centerline of the river, whichever is less.</p> <p>Exception: An exception will be granted if the disturbance complemented recreational goals and objectives.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-329 Moab (Outside of MLP)</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – SLOPES GREATER THAN 30%</p> <p>No surface-disturbing activities are allowed on slopes greater than 30% to minimize watershed damage throughout the Moab Planning Area in fragile soils. This restriction includes heavy equipment traffic on existing roads associated with drilling operations.</p> <p>Purpose: To minimize watershed damage in fragile soils on steep slopes.</p>

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	<p>Exception: An exception could be granted if the operator can provide a plan of development demonstrating that the proposed action would be properly designed and constructed to support the anticipated types and levels of use. Roads must be designed to meet BLM road standards for drainage control and surfaced to support heavy equipment and tractor trailers. Adjustments to the timing restriction could be considered by the Authorized Officer on a case-by-case basis, depending on current soil and weather conditions.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-340 Moab (Outside of MLP)</p>	<p align="center">CONTROLLED SURFACE USE/TIMING LIMITATION – MEXICAN SPOTTED OWL HABITAT AND NEST SITES</p> <p>In areas that contain suitable habitat for MSO or designated Critical Habitat, actions will be avoided or restricted that may cause stress and disturbance during nesting and rearing of their young. Appropriate measures will depend on whether the action is temporary or permanent and whether it occurs within or outside the owl nesting season. A temporary action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding season and/or causes a loss of owl habitat or displaces owls through disturbances, i.e., creation of a permanent structure. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to implementation of the proposed action. All surveys must be conducted by qualified individual(s) acceptable to the BLM. 2. Assess habitat suitability for both nesting and foraging using accepted habitat models in conjunction with field reviews. Apply the conservation measures below if project activities occur within 0.5 mile of suitable owl habitat. Determine potential effects of actions to owls and their habitat. <ol style="list-style-type: none"> a. Document type of activity, acreage and location of direct habitat impacts, type and extent of indirect impacts relative to location of suitable owl habitat. b. Document if action is temporary or permanent. 3. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated, and, if necessary, Section 7 consultation reinitiated. 4. Any activity that includes water production will be managed to ensure maintenance or enhancement of riparian habitat.

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	<p>5. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in canyon habitat suitable for MSO nesting.</p> <p>6. For all temporary actions that may impact owls or suitable habitat:</p> <ul style="list-style-type: none"> a. If the action occurs entirely outside of the owl breeding season from March 1 through August 31, and leaves no permanent structure or permanent habitat disturbance, the action can proceed without an occupancy survey. b. If the action will occur during a breeding season, a survey for owls is required prior to commencing the activity. If owls are found, the activity shall be delayed until outside of the breeding season. c. Rehabilitate access routes created by the project through such means as raking out scars, re-vegetation, gating access points, etc. <p>7. For all permanent actions that may impact owls or suitable habitat:</p> <ul style="list-style-type: none"> a. Survey two consecutive years for owls according to accepted protocol prior to commencing activities. b. If owls are found, no disturbing actions will occur within 0.5 mile of an identified site. If nest site is unknown, no activity will occur within the designated current and historic Protected Activity Center (PAC). c. Avoid permanent structures within 0.5 mile of suitable habitat unless surveyed and not occupied. d. Reduce noise emissions (e.g., use hospital-grade mufflers) to 45 dBA at 0.5 mile from suitable habitat, including canyon rims. Placement of permanent noise-generating facilities should be contingent upon a noise analysis to ensure noise does not encroach upon a 0.5 mile buffer for suitable habitat, including canyon rims. e. Limit disturbances to and within suitable habitat by staying on designated and/or approved routes. f. Limit new access routes created by the project. <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the U.S. Fish and Wildlife Service between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Modifications to the Surface Use Plan of Operations may be required in order to protect the MSO and/or habitat in accordance with Section 6 of the lease terms, the Endangered Species Act, and the regulations at 43 CFR 3101.1-2.</p> <p>Exception: An exception may be granted by the Authorized Officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The Authorized Officer may also grant an exception if an environmental analysis indicates that the nature or the conduct of the actions would not impair the primary constituent element determined</p>

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	<p>necessary for the survival and recovery of the MSO and USFWS concurs with this determination.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if an environmental analysis indicates and USFWS (through applicable provisions of the ESA) determines a portion of the area is not being used as Critical Habitat.</p> <p>Waiver: A waiver may be granted if the MSO is de-listed and the Critical Habitat is determined by USFWS as not necessary for the survival and recovery of the MSO.</p>
<p>UT-S-341 Moab (Outside of MLP)</p>	<p style="text-align: center;">CONTROLLED SURFACE USE/TIMING LIMITATION – SOUTHWESTERN WILLOW FLYCATCHER HABITAT</p> <p>In areas that contain riparian habitat within the range for the Southwestern willow flycatcher, actions will be avoided or restricted that may cause stress and disturbance during nesting and rearing of their young. Appropriate measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside the nesting season. A temporary action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding season and/or causes a loss of habitat or displaces flycatchers through disturbances, i.e., creation of a permanent structure. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures, will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p> <p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All surveys must be conducted by qualified individual(s) and be conducted according to protocol. 2. Activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable riparian habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers.

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	<p>5. Activities will maintain a 300 feet buffer from suitable riparian habitat year long.</p> <p>6. Activities within 0.25 mile of occupied breeding habitat will not occur during the breeding season of May 1 to August 15</p> <p>7. Ensure that water extraction or disposal practices do not result in change of hydrologic regime that will result in loss or degradation of riparian habitat.</p> <p>8. Re-vegetate with native species all areas of surface disturbance within riparian areas and/or adjacent land.</p> <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the USFWS between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Exception: An exception may be granted by the Authorized Officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The Authorized Officer may also grant an exception if an environmental analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, will not impair the primary constituent element determined necessary for the survival and recovery of the southwestern willow flycatcher and USFWS concurs with this determination.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is not being used as southwestern willow flycatcher habitat.</p> <p>Waiver: May be granted if the southwestern willow flycatcher is de-listed and if USFWS determines it is not necessary for the survival and recovery of the southwestern willow flycatcher.</p>
<p>UT-S-343 Price</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – FOSSIL RESOURCE ASSESSMENT</p> <p>An assessment of fossil resources would be required on a case-by case basis, mitigating as necessary before and/or during surface disturbance.</p> <p>Exception: The AO may grant an exception if the area has previously been inventoried and an assessment completed.</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-344</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – OLD WOMAN ACEC</p> <p>No surface occupancy within Old Woman ACEC to protect relict vegetation.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>

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<p>UT-S-345 Moab</p>	<p>NO SURFACE OCCUPANCY – STATE OF UTAH SPLIT-ESTATE LANDS</p> <p>No surface-disturbing activities allowed on split estate lands owned and managed by the State of Utah for high value aquatic and terrestrial wildlife species and their habitats.</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-346 GRSG</p>	<p>NO SURFACE OCCUPANCY – GREATER SAGE-GROUSE SAGEBRUSH FOCAL AREAS</p> <p>No surface occupancy within Greater Sage-Grouse sagebrush focal areas (SFA)</p> <p>Exception: None Modification: None Waiver: None</p>
<p>UT-S-347 GRSG</p>	<p>NO SURFACE OCCUPANCY – GREATER SAGE-GROUSE PRIORITY HABITAT MANAGEMENT AREAS*</p> <p>No surface occupancy within Greater Sage-Grouse Priority Habitat Management Areas (PHMA).</p> <p>Exception: The Authorized Officer with concurrence with the State Director, may grant an exception only where the proposed action:</p> <ul style="list-style-type: none"> i. Would not have direct, indirect, or cumulative effects on GRSG or its habitat; OR, ii. Is proposed to be undertaken as an alternative to a similar action occurring on a nearby parcel, and would provide a clear conservation gain to GRSG. The conservation gain must include measures, such as enforceable institutional controls and buffers, sufficient to allow the BLM to conclude that such benefits will endure for the duration of the proposed action’s impacts. <p>The Authorized Officer may not grant an exception unless the applicable state wildlife agency, the USFWS, and the BLM unanimously find that the proposed action satisfies (i) or (ii). Such finding shall initially be made by a team of one field biologist or other GRSG expert from each respective agency. In the event the initial finding is not unanimous, the finding may be elevated to the appropriate BLM State Director, USFWS State Ecological Services Director, and state wildlife agency head for final resolution. In the event their finding is not unanimous, the exception will not be granted. Approved exceptions will be made publically available at least quarterly.</p> <p>Modification: None Waiver: None</p>

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	<p>*The other greater sage-grouse stipulations would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted</p>
<p>UT-S-348 GRSG</p>	<p align="center">NO SURFACE OCCUPANCY/CONTROLLED SURFACE USE – GREATER SAGE-GROUSE DISTURBANCE CAP</p> <p>Manage discrete anthropogenic disturbances, whether temporary or permanent, so they cover less than 3 percent on all lands (regardless of land ownership) at each level: 1) PHMA associated with a GRSG population area (referred to as biologically significant units {BSU} when coordinating across state lines) and 2) within the proposed project analysis area to protect PHMA and the life-history needs of GRSG from habitat loss and GRSG populations from disturbance and limit fragmentation in PHMA. This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above (UT-S-347 GRSG) were granted. See Appendix E of the GRSG Approved RMP Amendment for disturbance calculation instructions.</p> <p>Exception: None Modification: None Waiver: None</p> <p>*This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted.</p>
<p>UT-S-349 GRSG</p>	<p align="center">NO SURFACE OCCUPANCY/CONTROLLED SURFACE USE – GREATER SAGE-GROUSE DENSITY LIMITATION</p> <p>Limit the density of energy and mining facilities within Priority Habitat Management Areas (PHMA) during project authorization to an average of one energy/mineral facility per 640 acres on all lands (regardless of land ownership) in PHMA within a proposed project analysis area to protect PHMA and the life-history needs of GRSG from habitat loss and limit fragmentation in PHMA. This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above (UT-S-347 GRSG) were granted. See Appendix E of the GRSG Approved RMP Amendment for calculation details.</p> <p>Exception: None Modification: None Waiver: None</p> <p>*This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted.</p>
<p>UT-S-350 GRSG</p>	<p align="center">CONTROLLED SURFACE USE/TIMING LIMITATION – GREATER SAGE-GROUSE BREEDING SEASON NOISE LIMITATIONS</p> <p>Limit noise from discrete anthropogenic disturbances within Priority Habitat Management Areas (PHMA), including activities from</p>

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	<p>construction, operation and maintenance, to below 10 decibels above ambient sound levels (baseline as available at the signing of the GRSG RMP Amendment ROD or as <u>first</u> measured thereafter) at occupied leks from 2 hours before to 2 hours after official sunrise and sunset during breeding season to protect strutting Greater Sage-Grouse from auditory disturbance associated with development during the breeding season.</p> <p>AND</p> <p>Limit project related noise in other PHMA habitats and seasons where it would be expected to reduce functionality of habitats that support associated GRSG populations in order to protect GRSG from direct disturbance near leks within PHMA.</p> <p>Exception: None</p> <p>Modification: As additional research and information emerges, specific new limitations appropriate to the type of projects being considered would be evaluated and appropriate measures would be implemented where necessary to minimize potential for noise impacts on PHMA GRSG population behavioral cycles.</p> <p>Waiver: None</p> <p>*This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted.</p>
<p>UT-S-352 GRSG</p>	<p>CONTROLLED SURFACE USE – GREATER SAGE-GROUSE TALL STRUCTURES*</p> <p>Limit the placement of permanent tall structures** within Priority Habitat Management Areas (PHMA) breeding and nesting habitats to minimize placement of structures that introduction of e new perching and/or nesting opportunities for avian predators.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p> <p>*This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted.</p> <p>**For the purposes of this restriction, a tall structure is any man-made structure that provides for perching/nesting opportunities for predators (e.g., raptors and ravens) that are naturally absent, or that decreases the use of an area by GRSG. A determination as to whether something is considered a tall structure will be made based on local conditions such as existing vegetation or topography.</p>
<p>UT-S-353 GRSG</p>	<p>TIMING LIMITATION – GREATER SAGE-GROUSE BREEDING, NESTING AND EARLY BROOD REARING*</p> <p>Manage uses to prevent disturbance to GRSG populations and habitat by applying seasonal restrictions (e.g., no surface disturbance) between Feb 15 – June 15, in Greater Sage-Grouse Priority Habitat Management Areas</p>

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	<p>(PHMA) breeding, nesting, and early brood-rearing habitat to seasonally protect those habitats from disruptive activity.</p> <p>Exception: None</p> <p>Modification: Specific time and distance determinations would be based on site-specific conditions and may be modified due to documented local variations (e.g., higher/lower elevations) or annual climactic fluctuations (e.g., early/late spring, long and/or heavy winter) in order to better protect GRSG, in coordination with the appropriate State of Utah agency.</p> <p>Waiver: None</p> <p>*This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted.</p>
<p>UT-S-354 GRSG</p>	<p style="text-align: center;">TIMING LIMITATION – GREATER SAGE-GROUSE BROOD-REARING</p> <p>Manage uses to prevent disturbance to GRSG populations and habitat by applying seasonal restrictions (e.g., no surface disturbance) between April 15 – August 15 in the Greater Sage-Grouse (GRSG) Priority Habitat Management Areas (PHMA) brood-rearing habitat to seasonally protect that habitat from disruptive activity.</p> <p>Exception: None</p> <p>Modification: Specific time and distance determinations would be based on site-specific conditions and may be modified due to documented local variations (e.g., higher/lower elevations) or annual climactic fluctuations (e.g., early/late spring, long and/or heavy winter) in order to better protect GRSG, in coordination with the appropriate State of Utah agency.</p> <p>Waiver: None</p> <p>*This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted.</p>
<p>UT-S-355 GRSG</p>	<p style="text-align: center;">TIMING LIMITATION – GREATER SAGE-GROUSE WINTER HABITAT</p> <p>Manage uses to prevent disturbance to GRSG populations and habitat by applying seasonal restrictions (e.g., no surface disturbance) between Nov 15 – March 15 in Priority Habitat Management Areas (PHMA) for Greater Sage-Grouse (GRSG) winter habitat to protect GRSG within PHMA from disruptive activity during the winter season.</p> <p>Exception: None</p> <p>Modification: Specific time and distance determinations would be based on site-specific conditions and may be modified due to documented local variations (e.g., higher/lower elevations) or annual climactic fluctuations (e.g., early/late spring, long and/or heavy winter) in order to better protect GRSG, in coordination with the appropriate State of Utah agency.</p> <p>Waiver: None</p>

NUMBER	UTAH STIPULATIONS
	*This would only be applicable to new fluid minerals leases if the exception criteria identified for the NSO stipulation above were granted.
<p align="center">UT-S-356 GRSG</p>	<p align="center">CONTROLLED SURFACE USE – GREATER SAGE-GROUSE INDIRECT IMPACTS FROM NOISE</p> <p>Areas outside of Priority Habitat Management Areas (PHMA), portions of the State of Utah’s opportunity areas within 4 miles of a lek that is located within PHMA will be subject to the following constraints:</p> <p>Limit noise from discrete anthropogenic disturbances (during construction, operation, or maintenance) so it will not exceed 10 decibels above ambient sound levels (baseline as available at the signing of the GRSG RMP Amendment ROD or as first measured thereafter) at occupied leks within PHMA from 2 hours before to 2 hours after official sunrise and sunset during breeding season (e.g., while males are strutting);</p> <p>AND</p> <p>Limit project related noise in other PHMA habitats and seasons where it would be expected to reduce functionality of habitats that support associated GRSG populations in order to protect GRSG from indirect disturbance near leks within PHMA.</p> <p>Exception: None</p> <p>Modification: As additional research and information emerges, specific new limitations appropriate to the type of projects being considered would be evaluated and appropriate measures would be implemented where necessary to minimize potential for noise impacts on PHMA GRSG population behavioral cycles.</p> <p>Waiver: None</p>
<p align="center">UT-S-357 GRSG</p>	<p align="center">CONTROLLED SURFACE USE – GREATER SAGE-GROUSE INDIRECT IMPACTS FROM TALL STRUCTURES</p> <p>Areas outside of Priority Habitat Management Areas (PHMA), portions of the State of Utah’s opportunity areas within 4 miles of a lek that is located within PHMA will be subject to the following constraints:</p> <p>Limit the placement of permanent tall structures** adjacent to breeding and nesting habitats to minimize placement of structures that introduce new perching and/or nesting opportunities for avian predators.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p> <p>**For the purposes of this restriction, a tall structure is any man-made structure that provides for perching/nesting opportunities for predators (e.g., raptors and ravens) that are naturally absent, or that decreases the use of an area by GRSG. A determination as to whether something is considered a tall structure will be made based on local conditions such as existing vegetation or topography.</p>

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<p>UT-S-358 Moab MLP</p>	<p style="text-align: center;">AIR QUALITY AND GREENHOUSE GASES</p> <p>All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower shall not emit more than 2 grams of NOx per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.</p> <p>All new and replacement internal combustion gas field engines of greater than 300 design-rated horsepower must not emit more than 1 gram of NOx per horsepower-hour.</p> <p>Purpose: To protect air quality and minimize greenhouse gas emissions.</p> <p>Exception: None</p> <p>Modification: The Authorized Officer may modify the stated requirements in accordance with updated specifications to comply with the Clean Air Act, or as deemed necessary to ensure that the stipulation is sufficient to maintain air quality and protect air quality related values.</p> <p>Waiver: None</p>
<p>UT-S-359 Moab MLP</p>	<p style="text-align: center;">AIR QUALITY I</p> <p>All drilling and production operations are required to adhere to the following minimum standards:</p> <ol style="list-style-type: none"> 1. Drill rig engines must meet Tier II or better standards, as necessary based on air quality conditions or projections, and consistent with the most stringent Environmental Protection Agency emissions standards that are in force at the time of installation or approval. 2. Stationary internal combustion engine standard of 2g NOx/bhp-hr for engines <300HP and 1g NOx/bhp-hr for engines >300 HP. 3. Low bleed or no bleed pneumatic controller. 4. Dehydrator VOC emission controls to +95 percent efficiency. 5. Tank VOC emission controls to +95 percent efficiency equivalent to NSPS subpart 0000. <p>Purpose: To mitigate any potential impact mineral development emissions may have on regional ozone formation.</p> <p>Exception: None</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p>

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	Waiver: None
<p align="center">UT-S-360 Moab MLP</p>	<p align="center">AIR QUALITY II</p> <p>A Fugitive Dust Control Plan is required for mineral activities that would disturb a surface area larger than 0.25 acres or that would involve truck traffic on unpaved or untreated surfaces.</p> <p>Purpose: To minimize the generation of fugitive dust.</p> <p>Exception: None</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: None</p>
<p align="center">UT-S-361 Moab MLP</p>	<p align="center">NO SURFACE OCCUPANCY - CULTURAL RESOURCES</p> <p>No surface occupancy is allowed for a 0.5-mile radius around the following cultural sites and cultural concentration areas listed below:</p> <ul style="list-style-type: none"> • Upper Indian Creek • Kane Creek Rock Art • Lower Kane Creek Rock Art • Levi Well Rock Art • Highway 279 • Seven Mile Canyon • Bartlett Rock Art • Trout Water Rock Art • Mill Canyon • Jug Rock • Dubinky Well • Upper Hell Roaring Canyon • Muleshoe Canyon. <p>Purpose: To protect the setting of heavily visited cultural sites and to prevent the introduction of visual, audible, or atmospheric conditions that are out of character with the site or its setting.</p> <p>Exception: The Authorized Officer may grant an exception if the project is not visible or audible from the cultural site or cultural concentration area.</p>

NUMBER	UTAH STIPULATIONS
	<p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-362 Moab MLP</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY - COLORADO AND GREEN RIVER CORRIDORS</p> <p>No surface-disturbing activities within the area of the Three Rivers locatable mineral withdrawal, which includes suitable Wild and Scenic River (WSR) segments.</p> <p>Purpose: To protect riparian, wildlife, scenic, and recreational values along the major river corridors.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>
<p>UT-S-363 Moab MLP</p>	<p style="text-align: center;">CONTROLLED SURFACE USE - IMPROVED ACCESS ROADS FOR RECREATIONAL USE IN THE CANYON RIMS SPECIAL RECREATION MANAGEMENT AREA (SRMA)</p> <p>The use of heavy trucks (over 20 tons) is precluded on the paved Needles Overlook Road and the Anticline Overlook Road once it is paved.</p> <p>Purpose: To protect the integrity and public enjoyment of the Needles and Anticline Overlook Roads.</p> <p>Exception: If there is no alternative to the use of these roads, the Authorized Officer may grant an exception if a bond is provided in sufficient amount to repair any potential damage to the roads resulting from the use of heavy trucks for mineral operations.</p> <p>Modification: The Authorized Officer may modify the 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</p>

NUMBER	UTAH STIPULATIONS
	<p>the Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-364 Moab MLP</p>	<p style="text-align: center;">CONTROLLED SURFACE USE - FILMING LOCATIONS</p> <p>A visual assessment is required within 1-mile of the high use filming locations listed below. This assessment must demonstrate that the proposed mineral operations within this area would not result in long-term impairment to the scenic quality from the filming locations. These filming locations include:</p> <ul style="list-style-type: none"> • Needles Overlook • Colorado River Corridor and Corona Arch • Green River Canyon • Kane Creek Corridor • Looking Glass Rock • View from Dead Horse Point • Potash Road/Shafer Basin (including Fossil Point) • Long Canyon • Highway 211 (including Newspaper Rock) • Highway 313 • Mineral Bottom Road • Behind the Rocks Jeep Route • Monitor and Merrimac/Determination Towers/Mill Canyon/Bartlett Wash • Gemini Bridges/Bull Canyon • Jewell Tibbetts Arch • White Wash. <p>Purpose: To protect the immediate foreground of high use filming locations.</p> <p>Exception: The Authorized Officer may grant an exception if a visual assessment demonstrates that the proposed mineral operations would not</p>

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	<p>result in long-term impairment to the scenic quality from the filming location.</p> <p>Modification: The Authorized Officer may modify the stipulation if a filming location ceases to be utilized or if a new location becomes heavily used.</p> <p>Waiver: The Authorized Officer may waive the stipulation if the film industry ceases to utilize the area for filming.</p>
<p>UT-S-365 Moab MLP</p>	<p style="text-align: center;">CONTROLLED SURFACE USE - LANDS WITH WILDERNESS CHARACTERISTICS</p> <p>Mineral operations are subject to the following requirements:</p> <ol style="list-style-type: none"> 1. Multiple wells per pad as appropriate. 2. Well pads would be placed no closer than 2-miles apart. 3. Oil and Gas: Production facilities would be co-located and designed to minimize surface impacts. Pipelines and utilities would be placed within or immediately adjacent to existing roads. 4. Limit unreclaimed surface disturbance to no more than 15 acres per well pad (including associated facilities, roads, pipelines, and utilities) following interim reclamation. 5. Extensive interim reclamation of roadway disturbance and reclamation of well pads to minimize long-term surface disturbance. 6. Final reclamation fully restoring the original landform. Travel routes would be restored to their original character. 7. This stipulation would allow for geophysical operations. 8. Compensatory mitigation outside the area of impact could be required to minimize impacts to resources. <p>These requirements apply to the following lands identified by the BLM in the 2008 Resource Management Plan (RMP) as having wilderness characteristics:</p> <ul style="list-style-type: none"> • Arches Adjacent • Behind the Rocks • Bridger Jack Mesa • Dead Horse Cliffs • Dome Plateau (partial) • Fisher Towers • Goldbar • Gooseneck • Hatch/Lockhart/Hart • Hatch Wash • Horsethief Point • Hunter Canyon • Indian Creek

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	<ul style="list-style-type: none"> • Labyrinth Canyon • Lost Spring Canyon • Negro Bill Canyon • Shafer Canyon • Shay Mountain • Yellowbird. <p>Purpose: To minimize the amount of surface disturbance and related impacts resulting from mineral development in areas with sensitive resources.</p> <p>Exception: Where it can be shown that the proposed operation would not cause unacceptable impacts, the Authorized Officer may grant an exception based on any of the factors listed below:</p> <ol style="list-style-type: none"> 1. If alternative placement of well pads would enable the operator to use areas that have been previously disturbed. 2. If alternative placement of well pads would minimize the need for new road construction. 3. If there is a demonstrated reduction in the impacts to resources. 4. If there is a valid safety concern. 5. If the requirement of 2-mile spacing would preclude a lessee/operator from exercising their lease rights where the spacing would locate a well pad outside of the lease. 6. An exception to the 2-mile placement could be granted if the proponent successfully demonstrates that geologic factors preclude access to a substantial portion of the oil and gas reservoir. An exception to the 2-mile placement would still require the maximum technologically feasible placement of oil and gas wells. <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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</p>

NUMBER	UTAH STIPULATIONS
	<p>order to make this determination. The waiver may be subject to public review for at least a 30-day period.</p>
<p>UT-S-366 Moab MLP</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – MOAB LANDFILL</p> <p>No surface-disturbing activities allowed within the Moab landfill area. Purpose: To eliminate potential safety issues and surface use conflicts. Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts. Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period. Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-367 Moab MLP</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – MINERALS</p> <p>No surface occupancy allowed within 0.5-miles of the rims of Porcupine Rim, Mat Martin Point, and Gold Bar Rim. Purpose: To eliminate potential rockfalls resulting from mineral activity and to protect areas below steep rims. Exception: None Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p>

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	<p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-368 Moab MLP</p>	<p style="text-align: center;">MINERALS SPLIT ESTATE LANDS</p> <p>On split-estate lands within the Planning Area, the operator will comply with the lease stipulations applied to surrounding lands with Federal surface.</p> <p>Purpose: To reduce potential surface use conflicts.</p> <p>Exception: The Authorized Officer would apply the same lease exceptions as those applied to surrounding lands with Federal surface.</p> <p>Modification: The Authorized Officer would apply the same modifications as those applied to surrounding lands with Federal surface.</p> <p>Waiver: The Authorized Officer would apply the same waivers as those applied to surrounding lands with Federal surface.</p>
<p>UT-S-369 Moab MLP</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – NATURAL AREAS</p> <p>No surface occupancy allowed in lands managed as Natural Areas.</p> <p>Purpose: To protect, preserve, and maintain areas managed for their wilderness characteristics.</p> <p>Exception: None</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-370</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – PALEONTOLOGY</p>

NUMBER	UTAH STIPULATIONS
Moab MLP	<p>Surveys and monitoring (where appropriate) are required for all surface-disturbing mineral activities in PFYC Class 4 and 5 areas. Where monitoring encounters vertebrate and vertebrate trace fossils during mineral operations, all operations must cease until the BLM determines whether the site can be avoided, protected, or fully excavated.</p> <p>Purpose: To protect paleontological resources.</p> <p>Exception: None</p> <p>Modification: The Authorized Officer could modify the stipulation if it is determined that the project area is not located within a PFYC Class 4 or 5 area.</p> <p>Waiver: The Authorized Officer could waive the stipulation if it is determined that the entire lease area is not located within a PFYC Class 4 or 5 area.</p>
UT-S-371 Moab MLP	<p style="text-align: center;">NO SURFACE OCCUPANCEY – DEVELOPED RECREATION SITES</p> <p>No surface-disturbing activities are allowed within 0.5-miles of developed recreation site boundaries (current and planned, See Appendix D of the Moab MLP ROD).</p> <p>Purpose: To protect Federal investment in facilities, to provide for recreational use, and to protect the viewshed and soundscape from the facility.</p> <p>Exception: The Authorized Officer may grant an exception if a viewshed analysis indicates no long-term impairment of the visual resources from the recreation site and if it can be demonstrated there would be no auditory impacts to the recreation facility.</p> <p>Modification: The Authorized Officer may modify the stipulation to the boundary of the developed recreation site if the site is expanded.</p> <p>Waiver: The Authorized Officer may waive the stipulation if the developed recreation site has been decommissioned.</p>
UT-S-372 Moab MLP	<p style="text-align: center;">NO SURFACE OCCUPANCY – HIGH USE RECREATION ROUTES AND TRAILS</p> <p>No surface occupancy allowed within 0.5-miles of the centerline of the following high use motorized routes (jeep) and non-motorized trails (hiking and bicycle):</p> <p>Motorized routes</p> <ul style="list-style-type: none"> • Metal Masher (Arth’s Rim) jeep route • Gold Bar Rim jeep route • Golden Spike jeep route • Poison Spider jeep route • Cliffhanger jeep route • Chicken Corners jeep route • Moab Rim jeep route

NUMBER	UTAH STIPULATIONS
	<ul style="list-style-type: none"> • Kane Creek jeep route • Lockhart jeep route • Seven Mile Rim jeep route <p>Non-motorized trails</p> <ul style="list-style-type: none"> • Klondike Bluffs bicycle trails • Bar M bicycle trails • Porcupine Rim trail • Magnificent Seven/7 Up bicycle trail systems • Ahab bicycle trails • Lower Monitor and Merrimac bicycle trail • Hunter Canyon hiking trail <p>Purpose: To protect the recreation experience and to provide visual and auditory protection to the immediate foreground. Non-motorized trail users travel at slower speeds than motorized users; therefore, the buffers provided to protect the recreation experience vary by mode of travel.</p> <p>Exception: The Authorized Officer could grant an exception if a viewshed analysis indicates no long-term impairment to the immediate foreground view (0.5-miles) and it can be demonstrated that there would be no long-term auditory impairment to the trail or for access roads and pipelines if there are no practical alternatives.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that a trail, route, or a portion thereof, is no longer being utilized for recreation within the project area.</p> <p>Waiver: The Authorized Officer may waive the stipulation if it is determined that trails and routes are no longer utilized within the entire lease area.</p>
<p>UT-S-373 Moab MLP</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – HIGH USE CLIMBING/CANYONEERING AREAS</p> <p>No surface occupancy allowed within a 0.5-mile radius around high use climbing/canyoneering areas:</p> <ul style="list-style-type: none"> • Indian Creek • Wall Street • Ice Cream Parlor • The Tombstones of Kane Creek • Cameltoe Canyon • Granary Canyon • Rock of Ages • Repeat Junior • Winter Camp Slot. <p>Purpose: To protect the recreation experience and to provide visual and auditory protection to the immediate foreground.</p>

NUMBER	UTAH STIPULATIONS
	<p>Exception: The Authorized Officer could grant an exception if a viewshed analysis indicates no long term impairment to the immediate foreground view (0.5-miles) and it can be demonstrated that would be no auditory impairment to the climbing area.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that a climbing area, is no longer being utilized for recreation within the project area. A modification could also be granted if it is determined that new routes or trails are being heavily utilized for recreation within the project area.</p> <p>Waiver: The Authorized Officer may waive the stipulation if it is determined that no climbing area is being utilized within the entire lease area.</p>
<p>UT-S-374 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – WESTERN PORTION OF THE CANYON RIMS SRMA</p> <p>No surface occupancy allowed within visual resource management (VRM) Class II areas in the Canyon Rims SRMA, as well as to all lands on the west side of the Anticline Road. This includes the VRM Class II corridor along the Needles and Anticline Overlook roads.</p> <p>Purpose: To protect recreational uses and experiences.</p> <p>Exception: The Authorized Officer may grant an exception if it could be demonstrated using visual analysis that the proposed operation would not result in long-term visible impairment from Key Observation Points as defined by the BLM VRM Manual.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-375 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – CANYON RIMS SRMA HATCH WASH FOCUS AREA</p>

NUMBER	UTAH STIPULATIONS
	<p>No surface occupancy allowed within the Hatch Wash Hiking and Backpacking Focus Area.</p> <p>Purpose: To protect recreational uses and experiences.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-376 Moab MLP</p>	<p>CONTROLLED SURFACE USE – CANYON RIMS, LABYRINTH RIMS/GEMINI BRIDGES AND SOUTH MOAB SRMAs</p> <p>Mineral operations outside the area designated as NSO are subject to the following requirements:</p> <ol style="list-style-type: none"> 1. Multiple wells per pad as appropriate. 2. Well pads would be placed no closer than 2-miles apart. 3. Oil and Gas: Production facilities would be co-located and designed to minimize surface impacts. Pipelines and utilities would be placed within or immediately adjacent to existing roads. 4. Limit unreclaimed surface disturbance to no more than 15 acres per well pad (including associated facilities, roads, pipelines, and utilities) following interim reclamation.

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	<p>5. Extensive interim reclamation of roadway disturbance and reclamation of well pads to minimize long-term surface disturbance.</p> <p>6. Final reclamation fully restoring the original landform. Travel routes would be restored to their original character.</p> <p>7. This stipulation would allow for geophysical operations.</p> <p>8. Compensatory mitigation outside the area of impact could be required to minimize impacts to resources.</p> <p>Purpose: To minimize the amount of surface disturbance and related impacts resulting from mineral development in areas with sensitive resources.</p> <p>Exception: Where it can be shown that the proposed operation would not cause unacceptable impacts, the Authorized Officer may grant an exception based on any of the factors listed below:</p> <ol style="list-style-type: none"> 1. If alternative placement of well pads would enable the operator to use areas that have been previously disturbed. 2. If alternative placement of well pads would minimize the need for new road construction. 3. If there is a demonstrated reduction in the impacts to resources. 4. If there is a valid safety concern. 5. If the requirement of 2-mile spacing would preclude a lessee/operator from exercising their lease rights where the spacing would locate a well pad outside of the lease. 6. An exception to the 2-mile placement could be granted if the proponent successfully demonstrates that geologic factors preclude access to a substantial portion of the oil and gas reservoir. An exception to the 2-mile placement would still require the maximum technologically feasible placement of oil and gas wells. <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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</p>

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	<p>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.</p>
<p>UT-S-377 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – COLORADO RIVERWAY SRMA No surface occupancy allowed within the portion of the Colorado Riverway SRMA within the Planning Area. Purpose: To protect recreational uses and experiences. Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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. Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period. Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-378 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – DOLORES RIVER CANYONS SRMA No surface occupancy allowed within the portion of the Dolores River Canyons SRMA within the Planning Area. Purpose: To protect recreational uses and experiences. Exception: The Authorized Officer may grant an exception 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</p>

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	<p>the Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-379 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – INDIAN CREEK SRMA</p> <p>No surface occupancy allowed within the Indian Creek SRMA.</p> <p>Purpose: To protect recreational uses and experiences.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would not cause unacceptable impacts. The Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and may be required to</p>

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	<p>consult with other government agencies and/or the public in order to make this determination. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-380 Moab MLP</p>	<p align="center">NO SURFACE OCCUPANCY – FOCUS AREAS WITHIN THE LABYRINTH RIMS/GEMINI BRIDGES SRMA</p> <p>No surface occupancy allowed within the following Focus Areas:</p> <ul style="list-style-type: none"> • Bar M Mountain Biking Focus Area (2,906 acres) • Bartlett Slickrock Freeride Mountain Bike Focus Area (166 acres) • Gemini Bridges/Poison Spider Mesa Focus Area (16,589 acres) • Goldbar/Corona Arch Hiking Focus Areas (4,773 acres) • Klondike Bluffs Mountain Biking Focus Area (14,597 acres) • Labyrinth Canyon Canoe Focus Area (6,812 acres) • Mill Canyon/Upper Courthouse Mountain Biking Focus Area (5,741 acres) • Mineral Canyon/Horsethief Point Competitive BASE Jumping Focus Area (762 acres) • Seven Mile Canyons Equestrian Focus Area (1,028 acres) • Spring Canyon Hiking Focus Area (455 acres) • Tusher Slickrock Mountain Biking Focus Area (428 acres). <p>Purpose: To protect recreational uses and experiences.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would not cause unacceptable impacts. The</p>

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	<p>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 modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-381 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – FOCUS AREAS WITHIN SOUTH MOAB SRMA</p> <p>No surface occupancy allowed within the 24 Hours of Moab and Behind the Rocks Hiking Focus Areas.</p> <p>Purpose: To protect recreational uses and experiences.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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</p>

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	order to make this determination. The waiver may be subject to public review for at least a 30-day period.
<p>UT-S-382 Moab MLP</p>	<p>TIMING LIMITATIONS – SALINE SOILS WITHIN THE MANCOS SHALE</p> <p>No surface-disturbing activities would be allowed during the period from December 1 to May 31. This restriction includes heavy equipment traffic on existing roads associated with drilling operations. This restriction does not apply to PPFAs.</p> <p>Purpose: To minimize watershed damage including compaction, rutting, and topsoil loss on saline soils derived primarily from the Mancos Shale.</p> <p>Exception: The Authorized Officer may grant an exception if the operator can provide a plan of development demonstrating that the proposed action would be properly designed and constructed to support the anticipated types and levels of use. Roads must be designed to meet BLM road standards for drainage control and surfaced to support heavy equipment and tractor trailers. Adjustments to the timing restriction could be considered by the Authorized Officer on a case-by-case basis, depending on current soil and weather conditions.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that the project area is not located within saline soils.</p> <p>Waiver: The Authorized Officer may waive the stipulation if areas mapped as saline soils are verified as not present on the entire leasehold.</p>
<p>UT-S-383 Moab MLP</p>	<p>CONTROLLED SURFACE USE – SALINE SOILS</p> <p>Compensatory mitigation outside the area of impact for any surface disturbance on saline soils is required. No more than one acre of mitigation would be required for each acre of disturbance. Compensatory mitigation outside the area of impact could include: 1) reclamation of non-designated roads and 2) planting and seeding in appropriate areas to improve soil condition.</p> <p>Purpose: To consider mitigation for saline soils outside the area of impact because it may not be feasible or practical to mitigate impacts to an acceptable level in the same area as the use authorization.</p> <p>Exception: The Authorized Officer may grant an exception if it can be demonstrated that it would be feasible to fully mitigate the impacts to saline soils onsite.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that the project area is not located within saline soils.</p> <p>Waiver: The Authorized Officer may waive the stipulation if areas mapped as saline soils are verified as not present on the entire leasehold.</p>
<p>UT-S-384 Moab MLP</p>	<p>CONTROLLED SURFACE USE – STEEP SLOPES</p> <p>An erosion control plan approved by the BLM is required on slopes greater than 21 percent prior to construction and maintenance if these activities</p>

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	<p>cannot be avoided. The plan would include the following: 1) an erosion control strategy; and 2) a BLM-accepted access road and well pad survey and design.</p> <p>Purpose: To minimize soil erosion, sedimentation, soil compaction, runoff and associated loss of soil productivity.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that the project area does not contain slopes greater than 21 percent.</p> <p>Waiver: The Authorized Officer may waive the stipulation if it is verified that steep slopes are not present on the entire leasehold.</p>
<p>UT-S-385 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – DRINKING WATER SOURCE PROTECTION ZONES (GROUNDWATER PROTECTION ZONES)</p> <p>No surface occupancy would be allowed in Drinking Water Source Protection Zones (Groundwater Protection Zones) 1, 2, 3, and 4 as defined by the Utah Division of Drinking Water. Horizontal and directional drilling conducted from outside the NSO area must not penetrate the water bearing geologic units (aquifer) within the protection zone. Where horizontal and directional drilling is conducted from areas outside the NSO area, adequate well construction, completion, and abandonment is required so that the water source is not impacted.</p> <p>Purpose: To protect drinking water source protection zones.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer</p>

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	<p>sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-386 Moab MLP</p>	<p style="text-align: center;">NO SURFACE OCCUPANCY – WATER RESOURCES</p> <p>No surface occupancy allowed within public water reserves, 100-year floodplains, and within 500 feet of intermittent and perennial streams, rivers, riparian areas, wetlands, water wells, and springs.</p> <p>Purpose: To protect public water reserves, 100-year floodplains, intermittent and perennial streams, rivers, springs, wetlands, riparian areas, and water wells.</p> <p>Exception: The Authorized Officer may grant an exception only for access roads and pipelines if: a) there are no practical alternatives; b) impacts could be fully mitigated; and c) proposed operations would not result in unacceptable impacts.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that the project area no longer contains a public water reserve, 100-year floodplains, intermittent and perennial streams, rivers, springs, wetlands, riparian areas, or water wells.</p> <p>Waiver: The Authorized Officer may waive the stipulation if public water reserves, 100-year floodplains, intermittent and perennial streams, rivers, springs, wetlands, riparian areas, or water wells are not present on the entire leasehold.</p>

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<p>UT-S-387 Moab MLP</p>	<p align="center">NO SURFACE OCCUPANCY – EPHEMERAL STREAMS</p> <p>No surface occupancy allowed within 100 feet of ephemeral streams.</p> <p>Purpose: To protect ephemeral streams.</p> <p>Exception: The Authorized Officer may grant an exception if: a) there are no practical alternatives; b) impacts could be fully mitigated; and c) proposed operations would not result in unacceptable impacts.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that the project area does not contain an ephemeral stream.</p> <p>Waiver: The Authorized Officer may waive the stipulation if ephemeral streams are verified as not present on the entire leasehold.</p>
<p>UT-S-388 Moab MLP</p>	<p align="center">NO SURFACE OCCUPANCY – IMPAIRED WATER BODIES</p> <p>No surface occupancy allowed within 750 feet of the Colorado River and Fisher Creek.</p> <p>Purpose: To protect impaired water bodies that are not meeting Utah water quality standards.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the list of impaired water bodies protected by this stipulation when water bodies are added or deleted from the List of Impaired Waters.</p> <p>Waiver: The Authorized Officer could waive the stipulation if the factors leading to its inclusion in the lease no longer exist.</p>
<p>UT-S-389 Moab MLP</p>	<p align="center">CONTROLLED SURFACE USE – COURTHOUSE WASH AND SALT WASH WATERSHEDS</p> <p>Mineral operations are subject to the following requirements:</p> <ol style="list-style-type: none"> 1. Multiple wells per pad as appropriate. 2. Well pads would be placed no closer than 2-miles apart. 3. Oil and Gas: Production facilities would be co-located and designed to minimize surface impacts. Pipelines and utilities would be placed within or immediately adjacent to existing roads. 4. Limit unreclaimed surface disturbance to no more than 15 acres per well pad (including associated facilities, roads, pipelines, and utilities) following interim reclamation.

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	<p>5. Extensive interim reclamation of roadway disturbance and reclamation of well pads to minimize long-term surface disturbance.</p> <p>6. Final reclamation fully restoring the original landform. Travel routes would be restored to their original character.</p> <p>7. This stipulation would allow for geophysical operations.</p> <p>8. Compensatory mitigation outside the area of impact could be required to minimize impacts to resources.</p> <p>Purpose: To minimize the amount of surface disturbance and related impacts resulting from mineral development in areas with sensitive resources</p> <p>Exception: Where it can be shown that the proposed operation would not cause unacceptable impacts, the Authorized Officer may grant an exception based on any of the factors listed below:</p> <ol style="list-style-type: none"> 1. If alternative placement of well pads would enable the operator to use areas that have been previously disturbed. 2. If alternative placement of well pads would minimize the need for new road construction. 3. If there is a demonstrated reduction in the impacts to resources. 4. If there is a valid safety concern. 5. If the requirement of 2-mile spacing would preclude a lessee/operator from exercising their lease rights where the spacing would locate a well pad outside of the lease. 6. An exception to the 2-mile placement could be granted if the proponent successfully demonstrates that geologic factors preclude access to a substantial portion of the oil and gas reservoir. An exception to the 2-mile placement would still require the maximum technologically feasible placement of oil and gas wells. <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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</p>

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	<p>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.</p>
<p>UT-S-390 Moab MLP</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – COURTHOUSE WASH AND SALT WASH WATERSHEDS</p> <p>Closed loop drilling, the use of tanks for produced water or backflow water, well integrity tests, and a water monitoring plan is required for operations conducted within the Courthouse Wash and Salt Wash watersheds. When needed or as determined by the AO, the operator shall conduct reasonable tests which will demonstrate the mechanical integrity of the down hole equipment. Monitoring would occur prior to, during, and after anticipated mineral development to detect impacts on both surface water and groundwater resources.</p> <p>Purpose: To protect the Courthouse Wash and Salt Wash watersheds, an important recharge area for the unique ecological system within Arches National Park.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>

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<p>UT-S-391 Moab MLP</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – SPRING AREAS</p> <p>A hydrologic assessment is required in identified spring areas prior to conducting any mineral operations. The hydrologic assessment would include a description of the geology and potentially affected aquifers and springs along with a drilling plan that demonstrates how water resources would be protected. A water monitoring plan would also be required. Monitoring would occur prior to, during, and after anticipated mineral development to detect impacts on springs.</p> <p>Purpose: To protect spring areas.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-395 Moab MLP</p>	<p style="text-align: center;">CONTROLLED SURFACE USE – OLD SPANISH TRAIL – HIGH POTENTIAL SITES AND SEGMENTS</p> <p>A visual assessment of lands within 2-miles of three high potential sites along the OSNHT (Kane Springs, Looking Glass Rock, and Colorado River Crossing near Moab) is required. A proposed mineral operation must not attract the attention of the casual observer from the OSNHT.</p>

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	<p>A visual assessment of lands within 2-miles of two high potential segments along the OSNHT (Moab Trail and Mule Shoe) is required. A proposed mineral operation would not result in long-term impairment of the OSNHT viewshed from the perspective of the casual observer from the OSNHT.</p> <p>A visual assessment of lands within 2-miles of the south side of the Blue Hills high potential segment along the OSNHT is required. A proposed mineral operation would not result in long-term impairment of the OSNHT viewshed from the perspective of the casual observer from the OSNHT.</p> <p>The existing Class B roads that cross the stipulated area could be utilized as a corridor for the transportation of potash (either by pipeline or truck) from a PLA to a PPGA and are not subject to this stipulation.</p> <p>Purpose: To protect the setting along high potential sites and segments of the OSNHT.</p> <p>Exception: The Authorized Officer may grant an exception if the proposed project is not within view of a high potential site or segment as stipulated.</p> <p>Modification: The Authorized Officer may modify the stipulation to match any changes based on updated information.</p> <p>Waiver: The Authorized Officer may waive the stipulation if it is determined that high potential sites and segments of the OSNHT do not exist within the lease area.</p>
<p>UT-S-398 Moab MLP</p>	<p style="text-align: center;">CONTROLLED SURFACE UTE – BLM SENSITIVE PLANT HABITAT</p> <p>A survey must be conducted by a qualified botanist within the habitats for the following plants: Alcove rock daisy, Canyonlands lomatium, Cisco milkvetch, Entrada rushpink, Jane’s globemallow, Paradox breadroot, Stage station milkvetch, and Trotter’s oreoxsis. Plants will be avoided where identified by surveys. Cisco milkvetch plants identified through surveys would be avoided by 300 feet.</p> <p>Purpose: To protect BLM sensitive plants.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3)</p>

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	<p>proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-399 Moab MLP</p>	<p>CONTROLLED SURFACE USE – SAGEBRUSH/STEPPE HABITAT</p> <p>Mineral operations are subject to the following requirements:</p> <ol style="list-style-type: none"> 1. Multiple wells per pad as appropriate. 2. Well pads would be placed no closer than 2-miles apart. 3. Oil and Gas: Production facilities would be co-located and designed to minimize surface impacts. Pipelines and utilities would be placed within or immediately adjacent to existing roads. 4. Limit unreclaimed surface disturbance to no more than 15 acres per well pad (including associated facilities, roads, pipelines, and utilities) following interim reclamation. 5. Extensive interim reclamation of roadway disturbance and reclamation of well pads to minimize long-term surface disturbance. 6. Final reclamation fully restoring the original landform. Travel routes would be restored to their original character. 7. This stipulation would allow for geophysical operations. 8. Compensatory mitigation outside the area of impact could be required to minimize impacts to resources. <p>Purpose: To minimize the amount of surface disturbance and related impacts resulting from mineral development in areas with sensitive resources</p> <p>Exception: Where it can be shown that the proposed operation would not cause unacceptable impacts, the Authorized Officer may grant an exception based on any of the factors listed below:</p> <ol style="list-style-type: none"> 1. If alternative placement of well pads would enable the operator to use areas that have been previously disturbed. 2. If alternative placement of well pads would minimize the need for new road construction. 3. If there is a demonstrated reduction in the impacts to resources. 4. If there is a valid safety concern.

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	<p>5. If the requirement of 2-mile spacing would preclude a lessee/operator from exercising their lease rights where the spacing would locate a well pad outside of the lease.</p> <p>6. An exception to the 2-mile placement could be granted if the proponent successfully demonstrates that geologic factors preclude access to a substantial portion of the oil and gas reservoir. An exception to the 2-mile placement would still require the maximum technologically feasible placement of oil and gas wells.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-400 Moab MLP</p>	<p>CONTROLLED SURFACE USE – VEGETATION – SAGEBRUSH STEPPE HABITAT</p> <p>Compensatory mitigation outside the area of impact is required within PPFAs for any surface disturbance within sagebrush steppe habitat. One acre of rehabilitation or an amount to be determined of an equal value to the impacted resource would be required for each acre of disturbance (see Minerals section of this Appendix for PPFAs).</p> <p>Purpose: To enhance sagebrush steppe habitat, an important wildlife forage species.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would not cause unacceptable impacts. The Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and</p>

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	<p>may be required to consult with other government agencies and/or the public in order to make this determination.</p> <p>Modification: The Authorized Officer may modify the stipulation if it is determined that the project area does not contain sagebrush steppe habitat.</p> <p>Waiver: The Authorized Officer may waive the stipulation if it can be verified that sagebrush steppe habitat is not present.</p>
<p>UT-S-403 Moab MLP</p>	<p align="center">NO SURFACE OCCUPANCY – VISUAL RESOURCES SCENIC DRIVING CORRIDORS</p> <p>No surface occupancy allowed within the mapped viewshed of Scenic Backways and Byways designated by the State of Utah and shall not exceed 1-mile from centerline. The Scenic Backways and Byways include Highways 128, 313, 279, and 211, as well as Needles Overlook, Anticline Overlook, and Lockhart Basin (including the Kane Creek Road).</p> <p>Purpose: To protect high quality visual resources along State Scenic Backways and Byways.</p> <p>Exception: The Authorized Officer may grant an exception if it could be demonstrated using visual analysis that the proposed operation would not be visible from the State Scenic corridors.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-404 Moab MLP</p>	<p align="center">NO SURFACE OCCUPANCY – VISUAL RESOURCES VRM II AREAS</p> <p>No surface occupancy allowed within VRM Class II areas.</p> <p>Purpose: To protect high quality visual resources.</p> <p>Exception: The Authorized Officer may grant an exception if it could be demonstrated using visual analysis that the proposed operation would not</p>

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	<p>result in long-term visible impairment from key observation points as defined by the BLM VRM Manual.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-407 Moab MLP</p>	<p>NO SURFACE OCCUPANCY – VISUAL RESOURCES – RIMLANDS OF THE GREEN AND COLORADO RIVERS</p> <p>No surface occupancy allowed within a 1-mile setback from the rims of the Colorado and Green Rivers.</p> <p>Purpose: To protect high quality visual resources along the rims of the Green and Colorado Rivers.</p> <p>Exception: The Authorized Officer may grant an exception if a viewshed analysis indicates no impairment of the visual resources of the rims from either the rims or from the rivers.</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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,</p>

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	<p>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.</p>
<p>UT-S-408 Moab MLP</p>	<p align="center">CONTROLLED SURFACE USE – AUDITORY MANAGEMENT – SOUNDSCAPE (LANDS BORDERING ARCHES AND CANYONLANDS NATIONAL PARKS)</p> <p>Operators are required to comply with the following within 6.1-miles (9,800 meters) of National Parks:</p> <p>Noise mitigation efforts will be implemented with a maximum level of 55 decibels for production equipment (measured from the direction of the Park at a distance of 350 feet from source). These sound levels could be achieved by replacement diesel engine exhaust silencers (mufflers) noise barriers, and other noise control measures.</p> <p>Purpose: To protect the soundscapes of the National Parks.</p> <p>Exception: None</p> <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-410 Moab MLP</p>	<p align="center">TIMING LIMITATIONS – LOCKHART DESERT BIGHORN SHEEP HERD</p> <p>No surface-disturbing activities or occupancy allowed within habitat for the Lockhart desert bighorn sheep herd from April 1 through June 15 for lambing and from October 15 through December 15 for rutting.</p> <p>Purpose: To minimize disturbance within desert bighorn sheep lambing and rutting habitat.</p>

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	<p>Exception: The Authorized Officer may grant an exception if it is determined that the animals are not present in the project area or the activity can be completed so as to not adversely affect the animals. Routine operation and maintenance are allowed.</p> <p>Modification: The Authorized Officer may modify the stipulation if a portion of the area is not being used for lambing or rutting if the habitat is being utilized outside of stipulation boundaries as lambing and rutting habitat and needs to be protected.</p> <p>Waiver: The Authorized Officer may waive the stipulation if the lambing and rutting habitat is determined to be unsuitable or unoccupied and there is no reasonable likelihood of future use of the lambing or rutting habitat.</p>
<p>UT-S-411 Moab MLP</p>	<p>TIMING LIMITATIONS – PRONGHORN FAWNING HABITAT</p> <p>No surface-disturbing activities or occupancy allowed within pronghorn fawning habitat from May 1 to June 15.</p> <p>Purpose: To minimize stress and disturbance during critical pronghorn birthing time.</p> <p>Exception: The Authorized Officer may grant an exception if the operator submits a plan that demonstrates impacts from the proposed action can be adequately mitigated or if it is determined the habitat is not being utilized for fawning in any given year. This stipulation does not apply to the maintenance and operation of existing and ongoing facilities.</p> <p>Modification: The Authorized Officer may modify the stipulation if a portion of the area is not being used for fawning or if the habitat is being utilized outside of stipulation boundaries as crucial fawning habitat and needs to be protected.</p> <p>Waiver: The Authorized Officer may waive the stipulation if the fawning habitat is determined to be unsuitable or unoccupied and there is no reasonable likelihood of future use of the fawning habitat.</p>
<p>UT-S-412 Moab MLP</p>	<p>CONTROLLED SURFACE USE – DESERT BIGHORN SHEEP LAMBING AND RUTTING HABITAT</p> <p>Drilling operations and permanent facilities would not be allowed within desert bighorn sheep lambing and rutting habitat. Geophysical operations and the construction of roads and pipelines would be allowed during specified timeframes as follows:</p> <ol style="list-style-type: none"> 1. Geophysical exploration would be allowed throughout the lambing and rutting habitat (except for source points in Mineral, Hell Roaring, Spring, and Ten Mile Canyons and 100 feet from their rims) if it occurred between June 16 and October 15 or December 15 through March 31. Receiver lines could be placed throughout the habitat. 2. Road construction necessary to exercise mineral lease rights and where no other access is feasible would be allowed throughout the habitat if the construction occurred between June 16 and October 15 or

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	<p>December 15 through March 31. Roads constructed for minerals within this habitat would not be available for public use. Furthermore, these roads would be reclaimed to a natural state at the conclusion of the project.</p> <p>3. Pipeline construction and placement would be allowed throughout the lambing and rutting habitat if construction occurred between June 16 and October 15 or December 15 through March 31.</p> <p>Purpose: To minimize disturbance within desert bighorn lambing and rutting habitat.</p> <p>Exception: The Authorized Officer may grant an exception 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 Moab MLP; or 2) proposed operations would 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.</p> <p>Modification: The Authorized Officer may modify the stipulation if a portion of the area is 1) not being used as desert bighorn lambing or rutting habitat and, 2) if habitat is being utilized outside of stipulation boundaries for lambing and rutting and needs to be protected.</p> <p>Waiver: A waiver may be granted if the habitat is determined as unsuitable for lambing or rutting and there is no reasonable likelihood of future use as desert bighorn sheep lambing and/or rutting habitat.</p>
<p>UT-S-413 Moab MLP</p>	<p>CONTROLLED SURFACE USE – DESERT BIGHORN SHEEP AND DEER AND ELK CRUCIAL WINTER HABITAT</p> <p>Mineral operations are subject to the following requirements:</p> <ol style="list-style-type: none"> 1. Multiple wells per pad as appropriate. 2. Well pads would be placed no closer than 2-miles apart. 3. Oil and Gas: Production facilities would be co-located and designed to minimize surface impacts. Pipelines and utilities would be placed within or immediately adjacent to existing roads. 4. Limit unreclaimed surface disturbance to no more than 15 acres per well pad (including associated facilities, roads, pipelines, and utilities) following interim reclamation. 5. Extensive interim reclamation of roadway disturbance and reclamation of well pads to minimize long-term surface disturbance. 6. Final reclamation fully restoring the original landform. Travel routes would be restored to their original character. 7. This stipulation would allow for geophysical operations.

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	<p>8. Compensatory mitigation outside the area of impact could be required to minimize impacts to resources.</p> <p>Purpose: To minimize the amount of surface disturbance and related impacts resulting from mineral development in areas with sensitive resources</p> <p>Exception: Where it can be shown that the proposed operation would not cause unacceptable impacts, the Authorized Officer may grant an exception based on any of the factors listed below:</p> <ol style="list-style-type: none"> 1. If alternative placement of well pads would enable the operator to use areas that have been previously disturbed. 2. If alternative placement of well pads would minimize the need for new road construction. 3. If there is a demonstrated reduction in the impacts to resources. 4. If there is a valid safety concern. 5. If the requirement of 2-mile spacing would preclude a lessee/operator from exercising their lease rights where the spacing would locate a well pad outside of the lease. 6. An exception to the 2-mile placement could be granted if the proponent successfully demonstrates that geologic factors preclude access to a substantial portion of the oil and gas reservoir. An exception to the 2-mile placement would still require the maximum technologically feasible placement of oil and gas wells. <p>Modification: The Authorized Officer may modify the 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 Moab MLP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the Moab MLP; or 3) proposed operations would 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. The modification may be subject to public review for at least a 30-day period.</p> <p>Waiver: The Authorized Officer may waive the 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.</p>
<p>UT-S-414 Moab MLP</p>	<p>TIMING LIMITAITON – DEER AND ELK CRUCIAL WINTER HABITAT</p>

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	<p>No surface-disturbing activities allowed within deer and elk crucial winter habitat from November 15 to April 15. This stipulation does not apply to the maintenance and operation of existing and ongoing facilities.</p> <p>Purpose: To minimize stress and disturbance to deer and elk during critical winter months.</p> <p>Exception: The Authorized Officer may grant an exception if the operator submits a plan that demonstrates impacts from the proposed action can be adequately mitigated or it is determined the habitat is not being utilized during the winter period for any given year.</p> <p>Modification: The Authorized Officer may modify the stipulation if 1) a portion of the area is not being used as winter habitat by deer/elk; or 2) habitat is being utilized outside of stipulation boundaries as crucial winter habitat and needs to be protected; or 3) the migration patterns have changed, causing a difference in the season of use.</p> <p>Waiver: The Authorized Officer may waive the stipulation if the crucial winter habitat is unsuitable or unoccupied during winter months by deer/elk and there is no reasonable likelihood of future winter range use.</p>
<p>UT-S-421 SLFO – Randolph</p>	<p style="text-align: center;">AIR QUALITY MONITORING</p> <p>Require applicants for projects or actions on Public Lands, which may change air quality, to establish an air quality monitoring program. Air quality should be monitored for a year prior to project initiation and during project operation by the applicants at their expense.</p> <p>Exception: None.</p> <p>Modification: None</p> <p>Waiver: None</p>