

Pronghorn Antelope Seasonal Habitat

Stipulation: Timing Limitation (TL)-No surface activity within Pronghorn Antelope crucial winter habitat from November 15 through March 1.

Objective [Purpose]: To protect Pronghorn crucial winter habitat necessary to maintaining the critical life stages of Pronghorn wildlife populations.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not adversely affect the Pronghorn Antelope and its habitat. An exception may also be granted if the proponent, BLM, and other affected interests negotiate mitigation that would satisfactorily offset the anticipated impacts to Pronghorn Antelope and its habitat. An exception may be granted for actions designed to enhance the long-term utility or availability of the habitat.

Modification: The boundaries of the stipulated area may be modified if the authorized officer, in consultation with Nevada Department of Wildlife, determines that portions of the area no longer contain the crucial winter pronghorn habitat or that the proposed action would not affect the species and habitat. The dates for the timing restriction may also be modified by the Authorized Officer if new information indicates the dates are not valid for the leasehold.

Waiver: The restriction may be waived by the Authorized Officer if it is determined that the described lands do not contain suitable pronghorn habitat, or are otherwise incapable of serving the requirements of for the species and therefore no longer warrant consideration as a component necessary for their protection.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-002	ALL LANDS
NV-17-10-005	ALL LANDS
NV-17-10-023	ALL LANDS
NV-17-10-024	ALL LANDS
NV-17-10-026	ALL LANDS

Mule Deer Seasonal Habitat

Stipulation: Timing Limitation (TL) -No surface activity within crucial winter habitat from November 15 through March 15.

Objective: To protect mule deer crucial winter, habitat necessary to maintaining the critical life stages of Mule Deer wildlife populations.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not adversely affect the Mule Deer and its habitat. An exception may also be granted if the proponent, BLM, and other affected interests negotiate mitigation that would satisfactorily offset the anticipated impacts the Mule Deer and its habitat. An exception may be granted for actions designed to enhance the long-term utility or availability of the habitat.

Modification: The boundaries of the stipulated area may be modified if the authorized officer, in consultation with Nevada Department of Wildlife, determines that portions of the area no longer contain the mule deer crucial winter mule deer habitat or that the proposed action would not affect the species and habitat. The dates for the timing restriction may also be modified by the Authorized Officer if new information indicates the dates are not valid for the leasehold.

Waiver: The restriction may be waived by the Authorized Officer if it is determined that the described lands do not contain suitable Mule Deer habitat, or are otherwise incapable of serving the requirements of for the species and therefore no longer warrant consideration as a component necessary for their protection.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-001	ALL LANDS
NV-17-10-002	ALL LANDS
NV-17-10-007	ALL LANDS
NV-17-10-008	ALL LANDS
NV-17-10-023	ALL LANDS
NV-17-10-024	ALL LANDS
NV-17-10-026	ALL LANDS

Bighorn Sheep Year Round Habitat

Stipulation: Controlled Surface Use (CSU) applies to lands within bighorn year round occupied habitat. Surface occupancy or use is subject to the following special operating constraint:

Objective [Purpose]: To protect bighorn sheep year round occupied habitat necessary to maintaining the critical life stages of bighorn sheep populations.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not adversely affect the Bighorn Sheep and its habitat. An exception may also be granted if the proponent, BLM, and other affected interests negotiate mitigation that would satisfactorily offset the anticipated impacts. An exception may be granted for actions designed to enhance the long-term utility or availability of the habitat.

Modification: The boundaries of the stipulated area may be modified if the authorized officer, in consultation with Nevada Department of Wildlife, determines that portions of the area no longer contain the habitat or that the proposed action would not affect the species and habitat. The dates for the timing restriction may also be modified if new information indicates the dates are not valid for the leasehold.

Waiver: The restriction may be waived if it is determined that the described lands do not contain suitable habitat, or are otherwise incapable of serving the requirements of for the species and therefore no longer warrant consideration as a component necessary for their protection. In certain instances this determination would come after consulting with other managing agencies or interested publics.

Parcel #

Legal Land Description

NV-17-10-005

ALL LANDS

Threatened and Endangered, Sensitive and Special Status Species

The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. The BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such species or their habitat. The BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. The BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. §1531 et seq., including completion of any required procedure for conference or consultation. * (If known list the specific plants, animals or habitat type here.)

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-001 THRU NV-17-10-003	ALL LANDS
NV-17-10-005	ALL LANDS
NV-17-10-007 THRU NV-17-10-018	ALL LANDS
NV-17-10-023 THRU NV-17-10-024	ALL LANDS
NV-17-10-026 THRU NV-17-10-027	ALL LANDS

NV-B,C,E,W-06-A-LN

Lease Notice – Migratory Bird Treaty Act

The Operator is responsible for compliance with provisions of the Migratory Bird Treaty Act by implementing measures to prevent a take of migratory birds. Operators should be aware that any ground clearing or other disturbance (such as creating cross-country access to sites, drilling, and/or construction) during the migratory bird (including raptors) nesting season (March 1 -July 31) risks a violation of the Migratory Bird Treaty Act (please contact USFWS for more information). Disturbance to nesting migratory birds should be avoided by conducting land-clearing activities outside the migratory bird nesting season (March 1 ~July 31).

If surface disturbing activities must be implemented during the migratory bird nesting season, a preconstruction survey for nesting migratory birds should be performed by a qualified wildlife biologist, within the area of the proposed action including an appropriate-sized buffer from the project footprint during the breeding season if activities are proposed within this timeframe (if work is not completed within a specified time frame, then additional surveys may be needed). If active nests are found, an appropriately-sized no surface disturbance buffer determined in coordination with the BLM biologist should be placed on the active nest until the nesting attempt has been completed. If active nests are not found, construction activities must occur within the survey validity time frame specified in the GDP or conditions of approval.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-001 THRU NV-17-10-003	ALL LANDS
NV-17-10-005	ALL LANDS
NV-17-10-007 THRU NV-17-10-018	ALL LANDS
NV-17-10-023 THRU NV-17-10-024	ALL LANDS
NV-17-10-026 THRU NV-17-10-027	ALL LANDS

NV-B,C,E,W-06-C-LN

Sage-Grouse Habitat

Stipulation: No Surface Occupancy (NSO). Manage Nevada geothermal resources in Priority Habitat Management Areas (PHMA) outside of Sagebrush Focal Areas (SFA) as NSO, with one exception.

Objective [Purpose]: To protect Greater Sage-Grouse habitat in PHMA.

Exception: Geothermal projects within portions of the Nevada PHMA outside of SFA may be considered for authorization, if all of the following conditions are met:

- A team composed of BLM, USFWS, and NDOW specialists advises the BLM State Director on appropriate mitigation measures for the project and its ancillary facilities, including lek buffer distances using the best available science.
- Mitigation actions are consistent with this ARMPA’s mitigation strategy, such as the Nevada Conservation Credit System.
- The footprint of the project is consistent with the Disturbance Management Protocols identified in this Plan (see Action SSS 2 and Appendix I).

Modification: None

Waiver: None

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-002	T. 26 N., R. 19 E., MDM sec. 21 SENE,SWSE,E2SE; sec. 29 S2SE.
NV-17-10-026	ALL LANDS
NV-17-10-027	ALL LANDS

NV-C,E-16-A-NSO

Lease Notice – Fire

The following precautionary measures should be taken to prevent wildland fires. In the event your operations should start a fire, you could be held liable for all suppression costs.

- All vehicles should carry fire extinguishers and a minimum of 10 gallons of water.
- Adequate fire-fighting equipment i.e. shovel, Pulaski, extinguisher(s) and a minimum 10 gallons of water should be kept at the drill site(s).
- Vehicle catalytic converters should be inspected often and cleaned of all brush and grass debris.
- When conducting welding operations, they should be conducted in an area free from or mostly free from vegetation. A minimum of 10 gallons water and a shovel should be on hand to extinguish any fires created from the sparks. Extra personnel should be at the welding site to watch for fires created by welding sparks.
- Report wildland fires immediately to the BLM Sierra Front Interagency Dispatch Center (SFIDC) at (775) 883-5995. Helpful information to reported is location (latitude and longitude if possible), what's burning, time started, who/what is near the fire and direction of fire spread.
- When conducting operations during the months of May through September, the operator must contact the BLM Carson City District Office, Division of Fire and Aviation at (775) 885-6000 to find out about any fire restrictions in place for the area of operation and to advise this office of approximate beginning and ending dates for your activities.

Parcel #

Legal Land Description

NV-17-10-001

Thru

NV-17-10-003

ALL LANDS

NV-17-10-007

Thru

NV-17-10-014

ALL LANDS

NV-C-15-A-LN

Lease Notice - Fire

The following precautionary measures should be taken to prevent wildland fires. In the event your operations should start a fire, you could be held liable for all suppression costs.

- All vehicles should carry fire extinguishers and a minimum of 10 gallons of water.
- Adequate fire-fighting equipment i.e. shovel, pulaski, extinguisher(s) and a minimum 10 gallons of water should be kept at the drill site(s).
- Vehicle catalytic converters should be inspected often and cleaned of all brush and grass debris.
- When conducting welding operations, they should be conducted in an area free from or mostly free from vegetation. A minimum of 10 gallons water and a shovel should be on hand to extinguish any fires created from the sparks. Extra personnel should be at the welding site to watch for fires created by welding sparks.
- Report wildland fires immediately to the BLM Central Nevada Interagency Dispatch Center (CNIDC) at (775) 623-3444. Helpful information to reported is location (latitude and longitude if possible), what's burning, time started, who/what is near the fire and direction of fire spread.
- When conducting operations during the months of May through September, the operator must contact the BLM Battle Mountain District Office, Division of Fire and Aviation at (775) 635-4000 to find out about any fire restrictions in place for the area of operation and to advise this office of approximate beginning and ending dates for your activities.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-023	ALL LANDS
NV-17-10-024	ALL LANDS
NV-17-10-026	ALL LANDS
NV-17-10-027	ALL LANDS

NV-E-15-A-LN

Fire

The following precautionary measures should be taken to prevent wildland fires. In the event your operations should start a fire, you could be held liable for all suppression costs.

- All vehicles should carry fire extinguishers and a minimum of 10 gallons of water.
- Adequate fire-fighting equipment i.e. shovel, pulaski, extinguisher(s) and a minimum 10 gallons of water should be kept at the drill site(s).
- Vehicle catalytic converters should be inspected often and cleaned of all brush and grass debris.
- When conducting welding operations, they should be conducted in an area free from or mostly free from vegetation. A minimum of 10 gallons water and a shovel should be on hand to extinguish any fires created from the sparks. Extra personnel should be at the welding site to watch for fires created by welding sparks.
- Report wildland fires immediately to the BLM Central Nevada Interagency Dispatch Center (CNIDC) at (775) 623-3444. Helpful information to reported is location (latitude and longitude if possible), what's burning, time started, who/what is near the fire and direction of fire spread.
- When conducting operations during the months of May through September, the operator must contact the BLM Battle Mountain District Office, Division of Fire and Aviation at (775) 635-4000 to find out about any fire restrictions in place for the area of operation and to advise this office of approximate beginning and ending dates for your activities.

Parcel

Legal Land Description

NV-17-10-015
THRU
NV-17-10-018

ALL LANDS

NV-B-15-A-LN

Sage-Grouse Habitat

Stipulation: Timing Limitation. In General Management Habitat Areas (GHMA) No Surface Activity would be allowed within 4.0 miles of active or pending Greater Sage-Grouse (GRSG) leks from March 1 through May 15.

Objective [Purpose]: To protect GRSG lekking habitat.

Exception: The Authorized Officer may grant an exception where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat. An exception may also be granted if the proponent, the BLM, and the appropriate state agency negotiate mitigation that would provide a clear net conservation gain to GRSG and its habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area or the period of limitation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat.

Waiver: The Authorized Officer may wave the stipulation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the described lands do not contain GRSG or suitable habitat or are otherwise incapable of serving the requirements of GRSG and therefore no longer warrant consideration as a component necessary for their protection.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-001	ALL LANDS
NV-17-10-002	T. 26N, R. 19E, 21 MDM, NV sec. 20. SENE, NESE, S2SE; sec. 21. NE, W2, W2SE; sec. 29. NE, N2SE.
NV-17-10-023	ALL LANDS
NV-17-10-024	ALL LANDS
NV-17-10-026	ALL LANDS
NV-17-10-027	ALL LANDS

Lease Notice – Existing Wells

This parcel contains one or more shut-in geothermal wells. For more information regarding these wells, please contact Dave Schroeder in our Carson City District Office at (775) 885-6119.

The successful bidder will be recognized as the operator of the well and will be responsible for complying with all applicable regulations. Prior to issuance of the lease for this parcel, the successful bidder must provide adequate bond coverage in accordance with 43 CFR 3214.

Parcel #

Legal Land Description

NV-17-10-009
Thru
NV-17-10-013

ALL LANDS

Lease Notice – Existing Water Well

A water well is located on site and will be considered the liability of the purchasing agent for the lease. Water Rights would be required for the well before use. Well will be required to be Plugged and Abandoned using state and federal laws and regulations.

Parcel #

Legal Land Description

NV-17-10-015

T. 1N, R. 382E, 21 MDM, NV
sec. 7

NV-B-17-B-LN

Sage-Grouse Habitat

Stipulation: Timing Limitation. No Surface Occupancy (NSO) would be allowed in Greater Sage-Grouse (GRSG) General Management Habitat Areas (GHMA) winter habitat from November 1 through February 28.

Objective [Purpose]: To protect GRSG winter habitat.

Exception: The Authorized Officer may grant an exception where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat. An exception may also be granted if the proponent, the BLM, and the appropriate state agency negotiate mitigation that would provide a clear net conservation gain to GRSG and its habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area or the period of limitation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat.

Waiver: The Authorized Officer may waive the stipulation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the described lands do not contain GRSG or suitable habitat or are otherwise incapable of serving the requirements of GRSG and therefore no longer warrant consideration as a component necessary for their protection.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-002	T. 26N, R. 19E, 21 MDM, NV sec. 21. ALL; sec. 29. SESE.
NV-17-10-023	ALL LANDS
NV-17-10-024	ALL LANDS
NV-17-10-026	ALL LANDS
NV-17-10-027	ALL LANDS

NV-C,E-16-C-TL

Sage-Grouse Habitat

Stipulation: Timing Limitation. No Surface Occupancy (NSO) would be allowed in Greater Sage-Grouse (GRSG) early brood-rearing habitat from May 15 through June 15.

Objective [Purpose]: To provide seasonal protection to GRSG early brood-rearing habitat in General Management Habitat Areas (GHMA).

Exception: The Authorized Officer may grant an exception where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat. An exception may also be granted if the proponent, the BLM, and the appropriate state agency negotiate mitigation that would provide a clear net conservation gain to GRSG and its habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area or the period of limitation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat.

Waiver: The Authorized Officer may waive the stipulation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the described lands do not contain GRSG or suitable habitat or are otherwise incapable of serving the requirements of GRSG and therefore no longer warrant consideration as a component necessary for their protection.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-023	ALL LANDS
NV-17-10-024	ALL LANDS
NV-17-10-026	ALL LANDS
NV-17-10-027	ALL LANDS

NV-E-16-D-TL

Sage-Grouse Habitat

Stipulation: Control Surface Use (CSU). In General Management Habitat Areas (GHMA), the BLM will apply lek buffer distances specified as the lower end of the interpreted range in the report unless justifiable departures are determined to be appropriate (see below). The lower end of the interpreted range of the lek buffer distances is as follows:

- Linear features (roads) within 3.1 miles of leks
- Infrastructure related to energy development within 3.1 miles of leks
- Tall structures (e.g., communication or transmission towers and transmission lines) within 2 miles of leks
- Low structures (e.g., fences and rangeland structures) within 1.2 miles of leks
- Surface disturbance (continuing human activities that alter or remove the natural vegetation) within 3.1 miles of leks
- Noise and related disruptive activities, including those that do not result in habitat loss (e.g., motorized recreational events) at least 0.25 miles from leks.

Objective [Purpose]: To protect GRSG leks.

Exception: Justifiable departures to decrease or increase from these distances, based on local data, best available science, landscape features, and other existing protections (e.g., land use allocations and state regulations) may be appropriate for determining activity impacts. The USGS report recognized “that because of variation in populations, habitats, development patterns, social context, and other factors, for a particular disturbance type, there is no single distance that is an appropriate buffer for all populations and habitats across the sage-grouse range.” The USGS report also states that “various protection measures have been developed and implemented... [which have] the ability (alone or in concert with others) to protect important habitats, sustain populations, and support multiple-use demands for public lands.” All variations in lek buffer distances will require appropriate analysis and disclosure as part of activity authorization.

Modification: None

Waiver: None

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-001	ALL LANDS
NV-17-10-002	ALL LANDS
NV-17-10-023	ALL LANDS
NV-17-10-024	ALL LANDS
NV-17-10-026	ALL LANDS
NV-17-10-027	ALL LANDS

NV-C,E-16-G-CSU

Sage-Grouse Habitat .

Stipulation: Control Surface Use (CSU). In New development/activity would not exceed the 3% disturbance cap protocol at either the Biologically Significant Unit (BSU) or project scale, unless a technical team (described under the exception) determines that new or site-specific information indicates the project could be modified to result in a net conservation gain at the BSU level.

Objective [Purpose]: To create a net conservation gain at the project and BSU level with a 3% disturbance Cap in Priority Habitat Management Area (PHMA).

Exception: Nevada lands only – Any exception to the disturbance cap may be approved by the Authorized Officer only with the concurrence of the State Director. The Authorized Officer may not grant an exception unless the Nevada Division of Wildlife (NDOW), the U.S. Fish and Wildlife Service (USFWS), and the Bureau of Land Management (BLM) unanimously find that the proposed action satisfies the conditions stated in the stipulation. Initially, the technical team would make such finding; the team consists of a field biologist or other GRSG expert from each respective agency. In the event the initial findings were not unanimous, the finding may be elevated to the BLM State Director, USFWS State Ecological Services Director, and NDOW Director for final resolution. In the event their recommendations were not unanimous to grant the exception, the exception would not be granted.

Modification: None

Waiver: None

Parcel #

NV-17-10-002

Legal Land Description

T. 26 N., R. 19 E., MDM
Sec. 21 SENE,SWSE,E2SE;
Sec. 29 S2SE.

Cultural Resources and Tribal Consultation

This lease may be found to contain historic properties and/or resources protected under the National Historic Preservation Act (NHPA), American Indian Religious Freedom Act, Native American Graves Protection and Repatriation Act, Executive Order 13007, or other statutes and executive orders. The Bureau of Land Management (BLM) will not approve any ground-disturbing activities that may affect any such properties or resources until it completes its obligations (e.g., State Historic Preservation Officer (SHPO) and tribal consultation) under applicable requirements of the NHPA and other authorities. The BLM may require modification to exploration or development proposals to protect such properties, or disapprove any activity that is likely to result in adverse effects that cannot be successfully avoided, minimized, or mitigated.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-17-10-001 THRU NV-17-10-003	ALL LANDS
NV-17-10-005	ALL LANDS
NV-17-10-007 THRU NV-17-10-018	ALL LANDS
NV-17-10-023 THRU NV-17-10-024	ALL LANDS
NV-17-10-026 THRU NV-17-10-027	ALL LANDS

NV-B,C,E,W-07-A-LN

Sites Eligible for National Register of Historic Places

Stipulation: No Surface Occupancy (NSO) within National Register-eligible Properties and Districts. Prior to surface disturbance, a survey would be required confirm the Area of Potential Effect of National Register-eligible Properties (NRHP) and Districts.

Objective [Purpose]: To protect National Register-eligible Properties and Districts setting and visual integrity critical to their eligibility.

Exception: The Authorized Officer may grant an exception if the BLM determines, in consultation with the Nevada SHPO (if required by the Statewide Protocol Agreement), that the action, as proposed or otherwise restricted, will not adversely affect National Register-listed Properties and Districts, National Historic Landmarks, and Traditional Cultural Properties listed or eligible for the NRHP. An exception may also be granted if BLM, in consultation with the Nevada State Historic Preservation Office (SHPO), negotiate mitigation that would satisfactorily take into account any anticipated adverse effects. The authorized officer may also grant an exception if the BLM determines, in consultation with Tribes, interested parties, and the Nevada SHPO (if required by the Statewide Protocol Agreement) that the action, as proposed or otherwise restricted, does not adversely affect Traditional Cultural Properties (TCP) listed on, or eligible for the NRHP.

Modification: The Authorized Officer may modify the size and shape of the NSO restricted area if the BLM determines, in consultation with the Nevada SHPO, interested parties, and/or Tribes, that the Area of Potential Effect to the National Register-listed Properties and Districts, National Historic Landmarks, and TCPs listed or eligible on the NRHP may be modified without causing adverse effects from those described in the original stipulation.

Waiver: NSO restrictions may be waived if it is determined that the described lands do not, in fact, contain sites listed on the NRHP or TCPs listed or eligible for the NRHP, or if the described lands within extended boundaries are determined to be not necessary to protect listed sites or listed or eligible TCPs where the setting and visual integrity are critical to their eligibility.

Parcel

Legal Land Description

NV-17-10-005

T. 22N, R. 27E, 21 MDM, NV
sec. 32, N1/2NE.

NV-W-07-C-NSO

Trails

Stipulation: No Surface Occupancy (NSO) will be applied directly on National Scenic and Historic Trails (NHTs) and Trails under Study or Recommended as Suitable for Congressional Designation and within National Trail Management Corridors. NSO may be applied to additional bordering lands; the extent will be dependent upon the topography and integrity of the setting surrounding individual trail segments along the designated NHT and National Historic Trail Corridor. Prior to the establishment of a National Trail Management Corridor, at a minimum, NSO will be applied 1/8-mile on either side of the center line of the trail (for a total of a 1/4-mile wide corridor). The center line will be established either through the GIS-based line provided by the Trail Administering Agency (NPS or Bureau of Land Management) or through GPS-based inventories uploaded on the Nevada Cultural Resource Inventory System (NVCRIS).

Objective [Purpose]: To protect the National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation, and National Trail Management Corridor resources, qualities, values, and associated settings.

Exception: The Authorized Officer may grant an exception if, through the National Historic Preservation Act (NHPA) and Management of National Scenic and Historic Trails and Trails Under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements, it is determined that the action, as proposed or otherwise restricted, does not adversely affect the resource. An exception may be granted for actions designed to enhance the long-term utility or availability of the trail.

Modification: The Authorized Officer may modify the size and shape of the restricted area if the NHPA and Management of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements indicate the proposed action does not adversely impact the resource.

Waiver: The restriction may be waived if the NHPA and Management of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements determine that the described lands are not contributing elements to the resource. This determination can only come after consultation with the National Park Service, Nevada State Historic Preservation Office and other interested publics.

Parcel

Legal Land Description

NV-17-10-009

ALL LANDS

NV-C-07-D-NSO

Fossils (PFYC-2 & 3)

This area has low to moderate potential for vertebrate paleontological resources. This area may contain vertebrate paleontological resources. Inventory and/or on-site monitoring during disturbance or spot checking may be required by the operator. In the event that previously undiscovered paleontological resources are discovered in the performance of any surface disturbing activities, the item(s) or condition(s) will be left intact and immediately brought to the attention of the authorized officer of the BLM. Operations within 250 feet of such discovery will not be resumed until written authorization to proceed is issued by the Authorized Officer. The lessee will bear the cost of any required paleontological appraisals, surface collection of fossils, or salvage of any large conspicuous fossils of significant scientific interest discovered during the operations.

Parcel #

Legal Land Description

NV-17-10-005

ALL LANDS

Fossils (PFYC-4 & 5)

This area has high and very high potential for paleontological resources. This land is underlain by geologic units that have been documented to contain a high occurrence of fossils, which may consist of scientifically significant paleontological resources protected by Public Law 111-11, Paleontological Resources Preservation Act. A field survey by a qualified paleontologist, and at the lessee's expense, will be required prior to surface disturbing activities. If significant paleontological resources of scientific or educational importance are discovered they will require avoidance or data recovery prior to their disturbance. On site monitoring may be necessary during construction activities.

Parcel #

Legal Land Description

NV-17-10-005

T. 22N, R. 27E, 21 MDM, NV
sec. 8, NW, W2SW and SESE;
sec. 20, N1/2 and SW.

Playas

Stipulation: No Surface Occupancy (NSO) on playas. Playas are defined as the ephemeral round depressions within areas of dry lake beds in which water collects after a rain event and evaporates relatively quickly.

Objective [Purpose]: Protection of playas.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not affect the resource. An exception may also be granted if the proponent, Bureau of Land Management (BLM), and other affected interests (e.g. Nevada Department of Wildlife (NDOW)) negotiate mitigation that would satisfactorily offset the anticipated negative impacts. An exception may be granted for actions designed to enhance the long-term utility or availability of the playa resource.

Modification: The Authorized Officer may modify the size and shape of the restricted area if an environmental analysis indicates the actual suitability of the land for the resource differs from that in the otherwise applicable restriction.

Waiver: The restriction may be waived if it is determined that the described lands do not contain the subject resource, or are incapable of serving the requirements of the resource and therefore no longer warrant consideration as a component necessary for protection of the resource. Any waiver authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial waivers.

Parcel #

Legal Land Description

NV-17-10-009

T. 16N, R. 30E, 21 MDM, NV
sec. 4, SW,SWSE;
sec. 9, W1/2NE,W1/2,N1/2SE;

NV-17-10-010

T. 17N, R. 30E, 21 MDM, NV
sec. 1, lot 2, SENE, SWNE E¹/₂SE, SWSE;
sec. 2, W¹/₂W¹/₂, N¹/₂N¹/₂;
sec. 3, lot 3 and 4, SENW, SWNW;
sec. 4, lots 1 thru 3, S¹/₂N¹/₂, S¹/₂;

NV-B,C-10-D-NSO

NV-17-10-011	T. 17N, R. 30E, 21 MDM, NV sec. 9, N½, N½SE, NESW; sec. 10, NW, W½NE, NWSW; sec. 12.
NV-17-10-012	T. 17N, R. 30E, 21 MDM, NV sec. 13.
NV-17-10-017	T. 1S, R. 40E, 21 MDM, NV sec. 21 S2SE; sec. 22 S2SW, NESW, SE; sec. 23 W2SW, SESW;
NV-17-10-018	T. 1S, R. 40E, 21 MDM, NV sec. 26 NW, SW, SE, SWNE; sec. 35 E2NE, N2NWNE, N2NENW, SENE;

NV-B,C-10-D-NSO

Notice to Lessee - Saleable Minerals: Community Pits

The lessee accepts this lease subject to the right of individuals, authorized by Bureau of Land Management District Office, to remove sand and gravel from the land embraced in Community Pit No. NVN-044613, Salt Wells Community Pit. The lessee agrees that its operations will not interfere with the use of the pit(s) by these individuals.

<u>Parcel #</u>	<u>Legal Description</u>
NV-17-10-011	ALL LANDS
NV-17-10-012	ALL LANDS

Soil Slopes > 30 and < 41 percent

Stipulation: Controlled Surface Use (CSU) applies to lands with slopes greater than 30 percent and less than 41 percent. An engineering/reclamation plan must be submitted by the applicant and approved by the Bureau of Land Management (BLM) Authorized Officer before any surface disturbance can occur.

The plan must demonstrate to the Authorized Officer's satisfaction how the operator will meet the following performance standards:

- Soil stability is maintained preventing slope failure and wind or water erosion.
- The site will be stable with no evidence of accelerated erosion features.
- The rate of soil erosion will be controlled to maintain or improve soil quality and sustainability.

The disturbed soils shall have characteristics that approximate the reference site with regard to quantitative and qualitative soil erosion indicators described in H-7100-1 Soil Inventory, Monitoring, and Management Handbook.

- Sufficient topsoil is maintained for ensuring successful final reclamation. How interim reclamation will be completed for producing well locations and long-term roads, including the re-spreading of all salvaged topsoil over the areas of interim reclamation.
- The original landform and site productivity will be partially restored during interim reclamation and fully restored as a result of final reclamation.

Objective [Purpose]: To maintain soil productivity, provide necessary protection to prevent excessive soil erosion on steep slopes, to avoid areas subject to slope failure, mass wasting, piping, or having excessive reclamation problems, and to ensure successful interim and final reclamation.

Exception: An exception may be granted if the operator can demonstrate in a plan of operations that adverse effects can be minimized and activities safely conducted.

Modification: The area affected by this stipulation may be modified by the authorized officer if it is determined that portions of the area do not include slopes over 30 percent, or the operator can demonstrate in a plan of operations that adverse effects can be minimized. The authorized officer may modify the size and shape of the restricted area subject to the stipulation based upon a Natural Resource Conservation Service (NRCS) soil survey or BLM evaluation. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards.

Waiver: This stipulation can be waived by the authorized officer if it is determined that none of the leasehold includes slopes over 30 percent.

<u>Parcel #</u>	<u>Legal Description</u>
NV-17-10-009	T. 16N, R. 30E, 21 MDM, NV sec. 11, E½, N½NW, SENW; sec.12, W½, N½NE, SENE, SE;
NV-17-10-012	T. 17N, R. 30E, 21 MDM, NV sec. 16, SWNE, SE, NESW, SWNW; sec. 15, W½SE, SWSW;
NV-17-10-013	T. 17N, R. 30E, 21 MDM, NV sec. 21, NENE, S½NE, SE, SESW, NESW; sec. 28, N½, SE, N½SW; sec. 33, E½NE, NWNE, NESE;
NV-17-10-016	T. 1N, R. 39E, 21 MDM, NV sec. 18 SWNE, NWSE, NESW; sec. 19 NENE;
NV-17-10-017	T.1S, R. 40E, 21 MDM, NV sec. 019 LOTS 25-28;

Mining Claims Notice to Lessee

This parcel may contain existing mining claims and/or mill sites located under the 1872 Mining Law. To the extent it does, the geothermal lessee must conduct its operations, so far as reasonably practicable, to avoid damage to any known deposit of any mineral for which any mining claim on this parcel is located, and should not endanger or unreasonably or materially interfere with the mining claimant's operations, including any existing surface or underground improvements, workings, or facilities which may have been made for the purpose of mining operations. The provisions of the Multiple Mineral Development Act (30 U.S.C. 521 et seq.) shall apply on the leased lands.

<u>Parcel #</u>	<u>Legal Description</u>
NV-17-10-001 THRU NV-17-10-003	ALL LANDS
NV-17-10-005	ALL LANDS
NV-17-10-007 THRU NV-17-10-018	ALL LANDS
NV-17-10-023 THRU NV-17-10-024	ALL LANDS
NV-17-10-026 THRU NV-17-10-027	ALL LANDS

NV-B,C,E,W-13-A-LN

Soil Slopes >40 percent

Stipulation: No Surface Occupancy (NSO) on slopes greater than 40 percent.

Objective [Purpose]: To maintain soil productivity, provide necessary protection to prevent excessive soil erosion on steep slopes, to avoid areas subject to slope failure, mass wasting, piping, or having excessive reclamation problems.

Exception: The Authorized Officer may grant an exception if a staff review determines that the proposed action is of a scale (pipeline, vs. road, vs. well pad) or sited in a location or a site specific evaluation determines that the slope would not result in mass slope failure or accelerated erosion and the operator would be able to meet BLM's reclamation standards.

Modification: The Authorized Officer may modify the area subject to the stipulation based upon a BLM evaluation of the area. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards.

Waiver: The restriction may be waived if it is determined that the described lands do not include lands with slopes greater than 40 percent. This determination shall be based upon USGS mapping and a BLM evaluation of the area.

Parcel

Legal Land Description

NV-17-10-009

T. 16N, R. 30E, 21 MDM, NV
sec. 12, W $\frac{1}{2}$ SW, SWNW, N $\frac{1}{2}$ NE, E $\frac{1}{2}$ SE;

NV-17-10-012

T. 17N, R. 30E, 21 MDM, NV
sec. 16, E $\frac{1}{2}$ SE, NWSE;

NV-17-10-013

T. 17N, R. 30E, 21 MDM, NV
sec. 21, SWNE, SE;
sec. 28, NE, N $\frac{1}{2}$ NW, SWNW, W $\frac{1}{2}$ SE, SESE;
sec. 33, NENE;

NV-17-10-017

T. 1S, R. 4E, 21 MDM, NV
sec. 020 N2NE;
sec. 021 NW, N2NE;
sec. 022 NENE;
sec. 023 NW, N2NE;

NV-B,C-11-B-NSO

NV-17-10-018

T. 1S, R.40E, 21 MDM, NV
sec. 025 E2, E2W2;
sec. 036 E2, E2W2;

NV-B,C-11-B-NSO

Steamboat buckwheat Habitat – NSO

Stipulation: No Surface Occupancy (NSO) on the BLM managed lands within parcel NV-17-10-003. These lands are described as MDM T. 18 N., R. 20 E., Section 28 SWSW;

Objective [Purpose]: Protection of Steamboat buckwheat (*Erigonum ovalifolium* var. *williamsiae*) habitat and individuals.

Exemption: None.

Modification: None.

Waiver: None.

<u>Parcel #</u>	<u>Legal Description</u>
NV-17-10-003	ALL LANDS

Lease Notice – Steamboat buckwheat Conservation Agreement

The BLM managed lands within lease parcel NV-17-10-003 (MDM T. 18 N., R. 20 E., section 28 SWSW) contains the federally endangered Steamboat buckwheat (*Erigeron ovalifolium* var. *williamsiae*) and its habitat. The existing Conservation Agreement in effect on the adjacent private lands will be extended to the BLM managed lands of this lease parcel. The lessee/operator will continue to carry out Steamboat buckwheat monitoring and weed eradication related to surface disturbance and operations, and other provisions of the existing Conservation Agreement and extend them to the BLM managed lands of this lease parcel.

<u>Parcel #</u>	<u>Legal Description</u>
NV-17-10-003	ALL LANDS

Notice to Lessee - NDOT Mineral Pits

The lessee accepts this lease subject to the right of the State of Nevada to remove road building material from the land, and agrees that its operations will not interfere with the material operations of the Department of Transportation.

Parcel #

NV-17-10-013

Legal Description

ALL LANDS

NV-C-12-A-NTL

Soil Severe Erosion

Stipulation: Controlled Surface Use (CSU) on lands with a severe soil wind or water erosion hazard rating (as designed by NRCS soil survey data when available). Prior to surface disturbance on soils with a severe erosion hazard rating, a site-specific construction, stabilization, and reclamation plan (Plan) must be submitted to the BLM by the applicant as a component of the Geothermal Drilling/Application for Permit to Drill – Plan of Operations. The operator may not initiate surface disturbing activities unless the Authorized Officer has approved the Plan or approved it with conditions.

The plan must demonstrate to the Authorized Officer's satisfaction how the operator will meet the following performance standards:

- Soil stability is maintained preventing slope failure and wind or water erosion.
- The site will be stable with no evidence of accelerated erosion features.
- The rate of soil erosion will be controlled to maintain or improve soil quality and sustainability.

The disturbed soils shall have characteristics that approximate the reference site with regard to quantitative and qualitative soil erosion indicators described in H-7100-1 Soil Inventory, Monitoring, and Management Handbook.

- Sufficient topsoil is maintained for ensuring successful final reclamation. Interim reclamation will be completed, by re-spreading the topsoil over the areas being reclaimed.
- The original landform and site productivity will be partially restored during interim reclamation and fully restored as a result of final reclamation.

Objective [Purpose]: To maintain soil productivity, provide necessary protection to prevent excessive soil erosion on steep slopes, to avoid areas subject to slope failure, mass wasting, piping, or having excessive reclamation problems, and ensure successful interim and final reclamation.

Exception: The Authorized Officer may grant an exception if a staff review determines that the proposed action is of a scale (pipeline, vs. road, vs. well pad) or sited in a location, or a soil survey determines that the soil properties do not meet the severe erosion hazard criteria so that the proposed action would not result in a failure to meet the performance standards above.

Modification: The Authorized Officer may modify the size and shape of the restricted area subject to the stipulation based upon a NRCS soil survey or BLM evaluation. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards. The authorized officer may modify the size and shape of the restricted area subject to the stipulation based upon a NRCS soil survey or BLM evaluation. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards. Any modification authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial modifications.

Waiver: The restriction may be waived if it is determined that the described lands do not include soils with severe erosion hazard. This determination shall be based upon NRCS mapping and BLM evaluation of the area. Any waiver authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial waivers.

Parcel #

NV-17-10-001

Legal Description

T. 26 N., R. 18 E., MDM
Sec. 27 SENE, S½;

NV-17-10-002

T. 26 N., R. 19 E., MDM
Sec. 20 SENE, SWSE, E½SE;
Sec. 21 All;
Sec. E½;