

**BLM Nevada Standard Notices  
(NV-B,C,W-00-A-LN)**

These notices apply to all parcels all lands and represent standard Best Management Practices for ensuring compliance with extant Federal Laws and resource protection.

**T&E, 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. 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 a species or their habitat. 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. 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.

**Migratory Birds**

The Operator is responsible for compliance with provisions of the Migratory Bird Treaty Act by implementing measures to prevent 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. Disturbance to nesting migratory birds should be avoided by conducting surface disturbing activities outside the migratory bird nesting season.

If surface disturbing activities must be implemented during the nesting season, a preconstruction survey for nesting migratory birds should be performed by a qualified wildlife biologist, during the breeding season (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 no active nests are found, construction activities must occur within the survey validity time frame specified in the conditions of approval.

**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 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.

**Fossils**

This area has low to moderate potential for vertebrate paleontological resources, unless noted to have higher potential in a separate stipulation. This area may contain vertebrate paleontological resources. Inventory and/or on-site monitoring during disturbance or spot checking may be required of 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 any 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.

### **Water**

The Operator is responsible for compliance with provisions of the Clean Water Act, Safe Drinking Water Act, and applicable State laws and regulations regarding protection of state water resources. Operators should contact Nevada Division of Water Resources and Nevada Division of Environmental Protection regarding necessary permits and compliance measures for any construction or other activities.

### **Mining Claims**

This parcel may contain existing mining claims and/or mill sites located under the 1872 Mining Law. To the extent it does, the oil and gas 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.

### **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.
- When conducting operations during the months of May through September, the operator must contact the BLM Winnemucca District Office, Division of Fire and Aviation at (775) 623-1500 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.
- Report wildland fires immediately to the BLM Sierra Front Interagency Dispatch Center (SFIDC) at (775) 885-5995. 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.

**Mule Deer Seasonal Habitat**  
**(#NV-B-02-A-TL)**

**Stipulation:** Timing Limitation (TL) - No surface activity within Mule Deer winter range from January 15 through May 15.

**Objective** [Purpose]: To protect mule deer 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 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-18-10-005	T.0010N, R.0360E, 21 MDM, NV Sec. 013 ALL LANDS; 014 NE, N2NW, SENW, NESE; 024 E2, NENW; 025 E2;
NV-18-10-006	T.0010S, R.0360E, 21 MDM, NV Sec. 012 E2SE;
NV-18-10-009 THRU NV-18-10-011	ALL LANDS

**Bighorn Sheep Year Round Habitat**  
**(#NV-B,C-04-A-CSU)**

**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.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-18-10-003 THRU NV-18-10-004	ALL LANDS
NV-18-10-005	T.0010N, R.0360E, 21 MDM, NV Sec. 013 PROT N2, E2, SE; 014 NE, NE; 024 PROT E2 NE, E2SE;
NV-18-10-009 THRU NV-18-10-011	ALL LANDS

**Lease Notice - Wild Horse and Burro**  
**(#NV-B,W-05-A-LN)**

Wild horse or burro herds are known to use some or all of the proposed lease area. If proposed fluid mineral activities are to occur in a herd management area (HMA) or a Herd Area (HA) the BLM Authorized Officer may identify mitigation measures necessary for reducing adverse impacts to wild horses and/or burros. These measures would be designed in a manner that does not hinder the wild and free-roaming behavior of the horses and burros and may include, but are not limited to, providing alternative water sources for horses of equal quality and quantity as well as fencing to prevent access to project area. Additional specific measures to protect horses and burros may be developed during review of proposals.

**Parcel #**

**Legal Land Description**

**NV-18-10-005**

**T.0010N, R.0360E, 21 MDM, NV**

Sec. 013 S2, S2NE, NENE, SENW;  
014 S2SE, NESE;  
023 E2, E2W2, W2SW;  
024 PROT ALL;  
025 PROT ALL;  
026 ALL;  
035 PROT ALL;

**NV-18-10-006**

**T.0010S, R.0360E, 21 MDM, NV**

Sec. 001 LOTS 1-4;  
001 S2NE, S2NW, S2;  
012 ALL;

**NV-18-10-007**

**T.0010S, R.0360E, 21 MDM, NV**

Sec. 009 E2SE, SWSE, SENE;  
017 S2SE, NESE, SESW;  
019 E2NE, SWNE;

**NV-18-10-008**

**ALL LANDS**

**NV-18-10-009**

**THRU**

**NV-18-10-011**

**ALL LANDS**

**Raptor Nest Sites  
(NV-B,C-06-B-TL)**

**Stipulation:** Timing Limitation. No surface activity from March 1st through July 31st within 0.5 mile of a raptor nest site which has been active within the past five years.

**Objective** [Purpose]: To protect raptor nesting activities necessary to maintaining the critical life stages of existing raptor 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 raptor nest sites being protected by the restriction. An exception may also be granted if the proponent, BLM, and other affected interests, in consultation with Nevada Department of Wildlife, 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 can be occupied without adversely affecting raptor nesting activity. The dates for the timing restriction may be modified if new information indicates the dates are not valid for the leasehold.

**Waiver:** The stipulation may be waived if the authorized officer, in consultation with Nevada Department of Wildlife determines that the entire leasehold no longer contains raptor nest sites.

<b><u>Parcel #</u></b>	<b><u>Legal Land Description</u></b>
NV-18-10-010	T.0010S, R.0370E, 21 MDM, NV Sec. 004 PROT ALL; 009 W2NW, W2SW; 016 W2NW, W2SW;
NV-18-10-011	T.0010S, R.0370E, 21 MDM, NV Sec. 021 ALL;
NV-18-10-003 THRU NV-18-10-004	ALL LANDS

**Trails**  
**(#NV-W-07-D-NSO)**

**Stipulation:** No Surface Occupancy (NSO) will be applied directly on National Scenic and Historic Trails 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 BLM) 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-18-10-008**

**T.0350N, R.0360E, 21 MDM, NV**

Sec. 020 NWNW, S2SW, SE;  
028 N2;

**Riparian Habitat**  
**(#NV-C-10-A-NSO)**

**Stipulation:** No Surface Occupancy (NSO) on and within riparian-wetland vegetated areas to protect the values and functions of these areas.

**Objective** [Purpose]: To protect the values and functions of riparian and wetland areas based on the nature, extent, and value of the area potentially affected.

**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, BLM, and other affected interests (e.g. 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 riparian habitat.

**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.

**Parcel #**

**Legal Land Description**

**NV-18-10-001**

**T. 0150N, R. 0250E., 21 MDM, NV**

Sec. 014 NW,SE;  
015 NE, SWNW;  
022 N2NE, SWNE, NWSE;  
023 N2, NWSW;

**NV-18-10-004**

**T. 23 N., R. 35 E., 21 MDM, NV**

Sec. 23 SWNE, NWSE;



**Riparian Habitat Buffer**  
**(#NV-C-10-B-CSU)**

**Stipulation:** Controlled Surface Use (CSU) will be applied within 500 feet of riparian-wetland vegetation to protect the values and functions of these areas. An engineering plan or a study may be required by the operator that identifies the extent of the resource or how the resource will be managed or protected.

**Objective [Purpose]:** To protect the values and functions of riparian and wetland areas based on the nature, extent, and value of the area potentially affected.

**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, BLM, and other affected interests (e.g. 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 riparian habitat.

**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.

**Parcel #**

**Legal Land Description**

**NV-18-10-001**

**T. 0150N, R. 0250E ,21 MDM, NV**  
Sec. 014 NW,SE;  
015 NE, SWNW;  
022 N2NE, SWNE, NWSE;  
023 N2, N2SW;

**NV-18-10-004**

**T. 0230N., R. 0350E., 21 MDM, NV**  
Sec. 23 SWNE, NWSE;

**Playas**  
**(#NV-B,C-10-D-NSO)**

**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, BLM, and other affected interests (e.g. 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.

**Parcel #**

**Legal Land Description**

**NV-18-10-001**

**T. 0150N, R. 0250E, 21 MDM, NV**

Sec. 014 NW,SE;  
015 NE;  
022 N2NE, SWNE, NWSE;  
023 N2, N2SW;

**NV-18-10-005**

**T.0010N, R.0360E, 21 MDM, NV**

Sec. 023 S2S2;  
025 PROT W2W2;  
026 ALL;  
035 PROT N2, SW, W2SE, NESE;

**Lease Notice – Hydrologic Monitoring Program  
(#NV-C-10-F-LN)**

The lease area contains or is in the immediate vicinity of springs or other hydrologic features, which may provide habitat for threatened, endangered, or other special status species. The Operator is responsible for compliance with provisions of the Federal Land Policy and Management Act (FLPMA), specifically the requirement to prevent unnecessary and undue degradation. In order to ensure that any drilling or development activities on this lease comply with FLPMA and meet the requirements in 43 CFR §3260.11 it is recommended that the lease operator institute a hydrologic monitoring program to establish baseline and seasonal variation data. This monitoring program should be site specific and commensurate with the level of proposed exploration and development, and the sensitivity and importance of the habitat (the presence or absence of T&E or sensitive species).

**Parcel #**

**Legal Land Description**

**NV-18-10-003  
THRU  
NV-18-10-004**

**ALL LANDS**

**Soil Slopes > 30 Percent**  
**(#NV-B-11-A-CSU)**

**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 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.

**Parcel #**

**Legal Land Description**

**NV-18-10-002**

**T.0010S, R.0350E, 21 MDM, NV**

Sec. 011 NESW;  
024 NENW, NWNE, S2NE;

**NV-18-10-005**

**T.0010N, R.0360E, 21 MDM, NV**

Sec. 023 S2SW;  
025 PROT SWNE;  
026 ALL;  
035 PROT W2, W2E2;

**NV-18-10-006**

**T.0010S, R.0360E, 21 MDM, NV**

Sec. 001 LOT 2-4;  
001 SWNE,S2NW,SW,W2SE;  
012 NW, N2SW;

**NV-18-10-007**

**T.0010S, R.0360E, 21 MDM, NV**

Sec. 019 SWNW, S2NE;

**NV-18-10-009**

**T.0010N, R.0370E, 21 MDM, NV**

Sec. 018 PROT ALL;  
019 PROT ALL;  
020 W2W;  
029 S2, NW;  
030 PROT E2;

**NV-18-10-010**

**T.0010S, R.0370E, 21 MDM, NV**

Sec. 004 PROT E2, S2SW;  
009 E2;  
016 E2, NW;

**NV-18-10-011**

**T.0010S, R.0370E, 21 MDM, NV**

Sec. 020 SWNW;  
021 E2, E2W2;

**Soil Slopes >40 percent  
(#NV-B-11-B-NSO)**

**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.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-18-10-002	T.0010S, R.0350E, 21 MDM, NV Sec. 011 NESW;
NV-18-10-005	T.0010N, R.0360E, 21 MDM, NV Sec. 025 PROT SWNE;
NV-18-10-009	T.0010N, R.0370E, 21 MDM, NV Sec. 018 PROT ALL; 019 PROT ALL; 020 W2W2; 029 S2, NW; 030 PROT E2;
NV-18-10-010	T.0010S, R.0370E, 21 MDM, NV Sec. 004 PROT E2, S2SW; 009 E2; 016 E2, NW;
NV-18-10-011	T.0010S, R.0370E, 21 MDM, NV Sec. 020 SWNW; 021 E2, E2W2;

**Soil Severe Erosion  
(#NV-B-11-C-CSU)**

**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.

**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.

**Parcel #**

**Legal Land Description**

**NV-18-10-002**

**T.0010S, R.0350E, 21 MDM, NV**

Sec. 011 NESW;  
024 NENW, NWNE, S2NE

**NV-18-10-005**

**T.0010N, R.0360E, 21 MDM, NV**

Sec. 023 S2SW;  
025 PROT SWNE;  
026 All;  
035 PROT W2, W2E2

**NV-18-10-006**

**T.0010S, R.0360E, 21 MDM, NV**

Sec. 001 LOT 4;  
001 SWNW, W2SW;  
012 NW, N2SW

**NV-18-10-007**

**T.0010S, R.0360E, 21 MDM, NV**

Sec. 019 LOT 2;  
019 SENW, S2NE

**NV-18-10-009**

**T.0010N, R.0370E, 21 MDM, NV**

Sec. 018 PROT All;  
019 PROT All;  
020 W2W2;  
029 S2, NW;  
030 PROT E2

**NV-18-10-010**

**T.0010S, R.0370E, 21 MDM, NV**

Sec. 004 PROT E2, S2SW;  
009 E2;  
016 E2, NW

**NV-18-10-011**

**T.0010S, R.0370E, 21 MDM, NV**

Sec. 020 SWNW;  
021 E2, E2W2



**Lease Notice - NDOT Mineral Pits  
(#NV-C-12-A-LN)**

The lessee accepts this lease subject to the right of the State of Nevada to remove road building material from the land embraced in Material Site No. (See below) and agrees that its operations will not interfere with the material operations of the Department of Transportation.

**Parcel #**

**Legal Land Description**

**NV-18-10-001**

**T. 0150N, R. 0250E, 21 MDM, NV  
Sec. 016 SWNW;**

**Material Sites: NVCC-0018421**

**Sage-Grouse Habitat**  
**(#NV-W-16-C-TL)**

**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 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.

**Parcel #**

**Legal Land Description**

**NV-18-10-008**

**T. 0340N., R.035E., 21 MDM, NV**  
Sec. 004, Lot 1;  
004, S2NE, N2SE;

**Sage-Grouse Habitat**  
**(#NV-W-16-D-TL)**

**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 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.

**Parcel #**

**Legal Land Description**

**NV-18-10-008**

**T. 0340N., R.035E., 21 MDM, NV**  
Sec. 04, Lot 1;  
04, S2NE, N2SE;

**Sage-Grouse Habitat**  
**(#NV-W-16-G-CSU)**

**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 GRSB 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

**Parcel #**

**Legal Land Description**

**NV-18-10-008**

**T. 0340N., R.035E., 21 MDM, NV**  
Sec. 04, Lot 1;  
04, S2NE, N2SE;

**Lease Notice – Sage-Grouse Habitat  
(#NV-W-16-H-LN)**

According to the Nevada and Northeastern California Greater Sage-Grouse Approved Resource Management Plan Amendment (NVCA Approved GRSG RMP Amendment), specific Required Design Features (RDFs) are required for certain activities in all Greater Sage-Grouse (GRSG) habitats. RDFs establish the minimum specifications for certain activities to help mitigate adverse impacts. However, the applicability and overall effectiveness of each RDF cannot be fully assessed until the project level when the project location and design are known. Because of site-specific circumstances, some RDFs may not apply to some projects (e.g., a resource is not present on a given site) and/or may require slight variations (e.g., a larger or smaller protective area). All variations in RDFs would require that at least one of the following be demonstrated in the NEPA analysis associated with the project/activity:

- A specific RDF is documented to not be applicable to the site-specific conditions of the project/activity (e.g. due to site limitations or engineering considerations). Economic considerations, such as increased costs, do not necessarily require that an RDF be varied or rendered inapplicable;
- An alternative RDF is determined to provide equal or better protection for GRSG or its habitat;
- A specific RDF will provide no additional protection to GRSG or its habitat.

A list of the RDFs may be found in Appendix C of the NVCA Approved GRSG RMP Amendment; however application of the RDFs is site specific at the project proposal stage.

**Parcel #**

**Legal Land Description**

**NV-18-10-008**

**T. 0340N., R.035E., 21 MDM, NV**  
Sec. 004 ALL;  
020 ALL;