

U.S. Department of the Interior
Bureau of Land Management

Environmental Assessment

DOI-BLM-WY-0000-2021-0003-EA

2022 First Quarter Competitive Lease Sale

Bureau of Land Management
Wyoming State Office
5353 Yellowstone Dr.
Cheyenne, Wyoming 82009

BLM e-Planning link: <https://go.usa.gov/xM3ZA>

The BLM's multiple-use mission is to sustain the health and productivity of the public lands for the use and enjoyment of present and future generations. The Bureau accomplishes this by managing such activities as outdoor recreation, livestock grazing, mineral development, and energy production, and by conserving natural, historical, cultural, and other resources on public lands.

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**BLM Wyoming
Fourth Quarter Competitive Oil and Gas Lease Sale
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1.0 Introduction

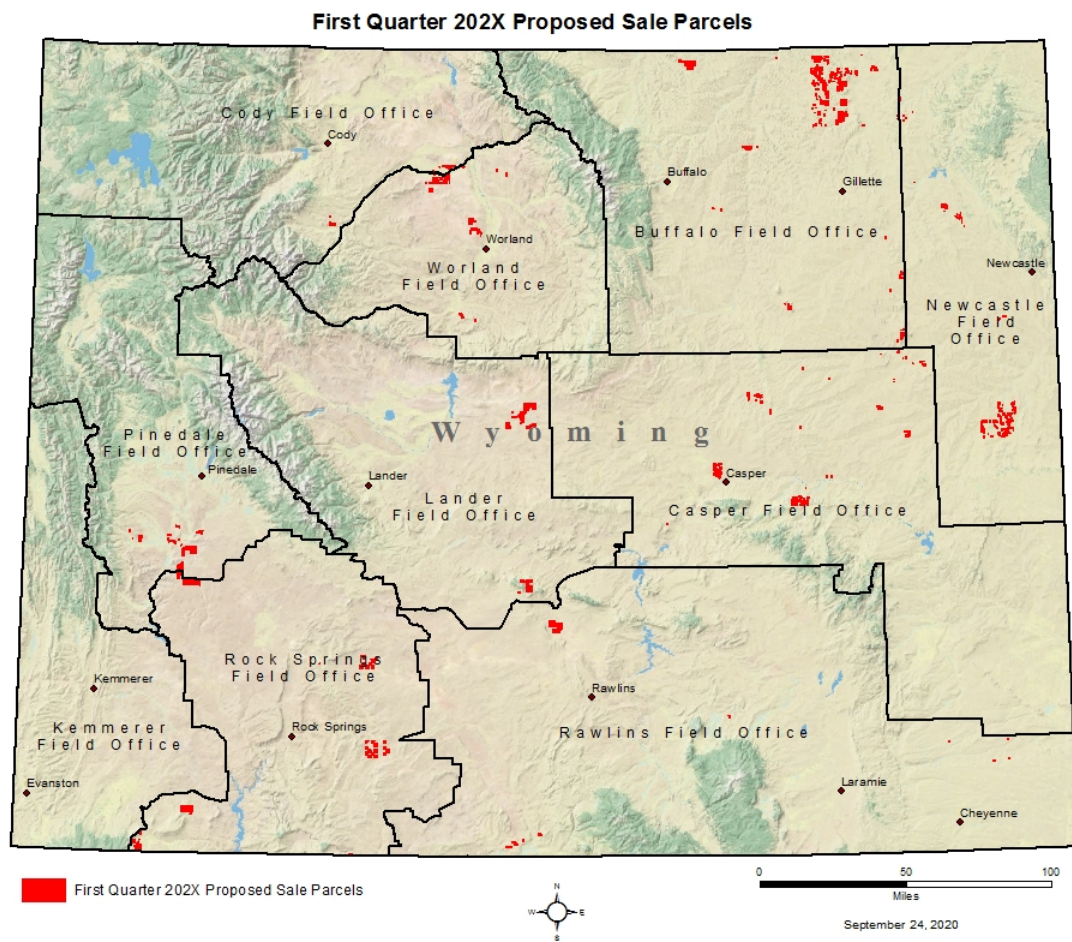
1.1 Introduction

In accordance with the Mineral Leasing Act of 1920 (MLA), as amended [30 U.S.C. § 181 et seq.], Federal Onshore Oil & Gas Leasing Reform Act of 1987 [30 U.S.C. § 181 et seq.] and Title 43 Code of Federal Regulations (CFR) 3120.1-2(a), the BLM Wyoming State Office (WSO) conducts a quarterly competitive oil and gas lease sale for lands that are eligible and available for leasing. A Notice of Competitive Oil and Gas Lease Sale (Sale Notice), which lists parcels to be offered at the auction, will be published by the WSO at least 45 days before each of the subject auction dates. Applicable lease stipulations for each parcel will be identified in the Sale Notices. The decision as to which public lands and minerals are open for leasing and what leasing stipulations may be necessary is made during the BLM's land use planning process in accordance with the Federal Land Policy and Management Act of 1976 (FLPMA) [43 U.S.C. § 1712]. Surface management for mineral extraction on non-BLM administered surface overlying Federal minerals is determined by the BLM in consultation with the appropriate surface management agency or the private surface owner when surface use is proposed by the leaseholder or its designated operator.

After the end of the nomination period, the WSO prepared a draft list of lease sale parcels (the "preliminary parcel list") for this portion of the sale. The WSO submitted the draft list of lease sale parcels to the applicable BLM field and district offices for initial review and processing. Interdisciplinary Teams (IDTs) in each field office, in coordination with their district office, reviewed the parcels to determine 1) if they are located in areas open to leasing under the approved RMP; 2) the appropriate stipulations required under the approved RMP; 3) whether new information or changed circumstances are present since the land use plan was approved; 4) necessary coordination requirements with other Federal or State agencies; and 5) if there are special conditions of which potential bidders should be made aware. The IDT relied on personal knowledge of the areas involved and reviewed existing databases (including Geographic Information System (GIS) data and digital aerial imagery) and file information to determine the appropriate stipulations. Where the BLM personnel determined field visits were necessary, field visits were made to those parcels where the BLM had legal access; results of any onsite visit is documented in the administrative record. No parcels analyzed in this EA required additional site visitation because after IDT review BLM determined existing information was sufficient to support the decision to offer the parcels.

This Environmental Assessment (EA) has been prepared to document compliance with National Environmental Policy Act (NEPA). Recent changes to Council on Environmental Quality (CEQ) regulations implementing the procedural provisions of NEPA redefined "effects" to mean changes to the human environment from the proposed action or alternatives that are reasonably foreseeable and have a reasonably close causal relationship to the proposed action or alternatives, including those effects that occur at the same time and place as the proposed action or alternatives and may include effects that are later in time or farther removed in distance from the proposed action or alternatives (40 CFR 1508.1(g); July 16, 2020). This terminology has replaced NEPA consideration of direct, indirect, and cumulative effects previously used.

Figure 1. Nominated Parcels 202X First Quarter Competitive Lease Sale



1.2 Background

BLM is responsible for oil and gas leasing on about 700 million acres of BLM, national forest, and other Federal lands, and seeks to ensure that mineral resources are developed in an environmentally responsible manner.

In accordance with the MLA and 43 CFR § 3120.1-2, the BLM WSO conducts quarterly competitive oil and gas lease sales for lands that are eligible and available. Private individuals or entities may file Expressions of Interest (EOIs) to suggest parcels for consideration for leasing by the BLM. The authorized officer also may identify lands for leasing consideration. Additional information on the competitive lease sale process is available on-line at: <https://www.blm.gov/programs/energy-and-minerals/oil-and-gas/leasing>

The offering and subsequent issuance of oil and gas leases, in and of itself, does not cause or directly result in any surface disturbance. The BLM cannot determine, prior to conducting a lease sale, whether a proposed parcel actually will be leased, or if it is subsequently leased, whether the lease will be explored or developed.

Once a parcel is sold and the lease is issued, the lessee has the right to use the leased lands to explore and drill for all of the oil and gas within the lease boundaries, subject to the stipulations attached to the lease, restrictions derived from specific nondiscretionary statutes, and other reasonable measures to minimize adverse impacts (see 43 § CFR 3101.1-2). Further, relevant regulations at 43 CFR § 3162.5-1(a) provide: “The operator shall conduct operations in a manner which protects the mineral resources, other natural resources, and environmental quality. In that respect, the operator shall comply with the pertinent orders of the authorized officer and other standards and procedures as set forth in the applicable laws, regulations, lease terms and conditions, and the approved drilling plan or subsequent operations plan. Before approving any Application for Permit to Drill (APD) submitted pursuant to § 3162.3-1 of this title, or other plan requiring environmental review, the authorized officer shall prepare an environmental record of review or an environmental assessment, as appropriate. These environmental documents will be used in determining whether or not an environmental impact statement is required and in determining any appropriate terms and conditions of approval of the submitted plan.” Accordingly, the BLM can subject development of existing leases to reasonable conditions to minimize impacts to other resources, through the application of Conditions of Approval (COAs) at the time of permitting. Any constraints must conform with the applicable land use plan and be consistent with rights granted to the holder under the lease. In addition, upon cessation of lease operations, the lessee must plug the well(s) and abandon any facilities on the lease. The surface must also be reclaimed to the satisfaction of the BLM authorized officer, in accordance with the MLA, Section 17g [30 U.S.C. § 226(g)].

Oil and gas leases are issued for a 10-year period and continue for so long thereafter as oil or gas is produced in paying quantities. If a lessee fails to produce oil or gas, does not make annual rental payments, does not comply with the terms and conditions of the lease, or relinquishes the lease, the lease may terminate or be cancelled, and BLM may consider offering the lands for lease at another lease sale after a new review process.

1.3 Purpose and Need

It is the policy of the BLM as derived from various laws, MLA and FLPMA to make mineral resources available for disposal and to encourage development of mineral resources to meet national, regional, and local needs. Continued sale and issuance of lease parcels in conformance with the approved RMPs would allow for continued production of oil and gas from public lands and reserves.

The need is to respond to Expressions of Interest, as established by the Federal Onshore Oil & Gas Leasing Reform Act of 1987 (FOOGLRA), MLA, and FLPMA.

1.3.1 Decisions to Be Made

BLM will decide, based on this analysis, whether to offer parcels for lease and what stipulations will be placed on those parcels, in conformance with the approved RMPs.

1.4 Tiering and Conformance with BLM Land Use Plans and Other Environmental Assessments

Pursuant to 40 CFR § 1501.11, this EA tiers to the Final Environmental Impacts Statements (FEISs) prepared for each Field Office (FO) Resource Management Plan (RMP), and any subsequent amendments or updates, and incorporates by reference the relevant portions of the FEISs. The impacts analysis in the FEISs for the effects from oil and gas leasing and development incorporates the Reasonably Foreseeable Development (RFD) scenarios (i.e., the level of oil and gas development projected for the life of the plan based on historically and projected trends).

The sale and issuance of the leases conforms to the approved RMPs (43 CFR § 1610.5) and Records of Decision (RODs) for the applicable planning areas, as amended or updated, including:

High Plains District (HPD)

The Casper Field Office (CFO) RMP ROD approved on December 7, 2007 (supported by June 2007 FEIS), as amended by the Record of Decision and Bureau of Land Management Casper, Kemmerer, Newcastle, Pinedale, Rawlins, and Rock Springs Field Offices Approved Resource Management Plan Amendment (ARMPA) for Greater Sage-Grouse approved on September 21, 2015 (supported by May 2015 FEIS).

The Newcastle Field Office (NFO) RMP ROD approved on August 25, 2000 (supported by June 1999 FEIS), as amended by the ARMPA (supported by May 2015 FEIS).

The NFO Nebraska RMP ROD approved on May 13, 1992 (supported by the NFO June 1999 FEIS)

The Buffalo Field Office (BFO) Buffalo/Rocky Mountain Region RMP ROD approved on September 21, 2015 (supported by May 2015 FEIS), as amended by the Buffalo Field Office Record of Decision and Approved Resource Management Plan Amendment (November 22, 2019).

Wind River/Bighorn Basin District (WR/BBD)

The Lander Field Office (LFO) RMP ROD signed on June 26, 2014 (supported by February 2013 FEIS).

The Cody Field Office (CYFO) Bighorn Basin/Rocky Mountain Region RMP ROD approved on September 21, 2015 (supported by May 2015 FEIS).

The Worland Field Office (WFO) Bighorn Basin/Rocky Mountain Region RMP ROD approved on September 21, 2015 (supported by May 2015 FEIS).

High Desert District (HDD)

The Rawlins Field Office (RFO) RMP ROD approved on December 24, 2008 (supported by January 2008 FEIS) as amended by the ARMPA (supported by May 2015 FEIS).

The Green River (Rock Springs Field Office (RSFO)) RMP ROD approved on August 8, 1997 (supported by April 1996 FEIS), as amended by the ARMPA (supported by May 2015 FEIS).

The Pinedale Field Office (PFO) RMP ROD approved on November 26, 2008 (supported by August 2008 FEIS), as amended by the ARMPA (supported by May 2015 FEIS).

The Kemmerer Field Office (KFO) RMP ROD approved on May 24, 2010 (supported by August 2008 FEIS), as amended by the ARMPA (supported by May 2015 FEIS)

The FO RMPs include allocation decisions which identify lands as either open or closed to fluid mineral leasing, and (if open) provide stipulations that are attached to new leases to mitigate effects of potential development operations.

This EA discloses the affected environment (including the reasonably foreseeable environmental trends and planned actions in the area), analysis of potential impacts not already considered in the EISs to which this EA tiers, and potential mitigation of those impacts. The EA provides information for BLM to determine whether this project would have significant impacts not already disclosed and analyzed in other NEPA documents, warranting an EIS. The RMP EISs have already evaluated potentially significant impacts arising from the BLM's land use planning decisions. *See* 43 CFR § 46.140(c). Based on this EA, the BLM may issue a "finding of no significant impacts" (FONSI), if no significant impacts are identified. If a FONSI is reached, a Decision Record (DR) may be signed

approving the selected alternative, which could be the proposed action, the no-action alternative, or a combination thereof.

1.5 Relationship to Statutes, Regulations, and Other Plans or Decisions

The proposed action and alternatives are consistent with other plans, programs, and policies of other federal agencies, the State of Wyoming, local governments, and affected Tribes, to the extent practical, including but not limited to the following:

Federal Land Policy and Management Act of 1976, as amended [43 U.S. Code § 1701 et seq.]
Mineral Leasing Act of 1920, as amended [30 U.S.C. § 181 et seq.]
Federal Onshore Oil & Gas Leasing Reform Act of 1987 [30 U.S.C. § 181 et seq.]
The National Environmental Policy Act [42 U.S.C. 4321 et seq.]
Clean Air Act [42 U.S.C. § 1857 et seq.], as amended and recodified [42 U.S.C. § 7401 et seq.]
Clean Water Act [33 U.S.C. § 1251 et seq.]
Endangered Species Act [16 U.S.C. § 1531 et seq.]
Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations
Migratory Bird Treaty Act [16 U.S.C. § 703 et seq.]
National Trails Systems Act [16 U.S.C. § 1241 et seq.]
National Landscape Conservation System Act [16 U.S.C. § 7202]
National Historic Preservation Act of 1966, as amended [54 U.S.C. § 300101 et seq.]
Protection of Historic Properties (36 CFR § 800)
Native American Graves Protection and Repatriation Act of 1990 [25 U.S.C. § 3001 et seq.] and 43 CFR § 10
American Indian Religious Freedom Act of 1978 [42 U.S.C. 1996]
Native American Trust Resource Policy standards are presented in the Department of the Interior Comprehensive Trust Management Plan dated March 28, 2003
Wild and Scenic Rivers Act of 1968, as amended [16 U.S.C. § 1271 et seq.]
Bald and Golden Eagle Protection Act of 1940, as amended [16 U.S.C. § 668 et seq.]
Paleontological Resources Preservation Act of 2009 [16 U.S.C. § 470aaa et seq.]
Greater Sage-grouse Record of Decision and Land Use Plan Amendments and Revisions for Northwest Colorado and Wyoming, 2015 (United States Department of Agriculture, Forest Service)
USFS Supplemental Information Report to the Biological Assessment and Evaluation for Revised Land and Resource Management Plans and Associated Oil and Gas Leasing Decisions, 2018

1.6 Scoping

To identify preliminary issues for analysis (see the BLM's NEPA Handbook H-1790-1 at page 41), the BLM conducted internal scoping. The BLM personnel listed in Appendix 4.5 provided information and input for this EA. Through the BLM's internal scoping, and in light of the numerous EAs the BLM has prepared for oil and gas lease sales in Wyoming, this EA incorporates by reference the analysis of issues previously addressed in the RMP FEISs, to which it tiers.

BLM Wyoming personnel also conferred with the Wyoming Game and Fish Department (WGFD) in accordance with an interagency Memorandum of Understanding. BLM Wyoming also conferred with the United States Forest Service (USFS) regarding nominated parcels in which the USFS is the surface management agency. For these specific parcels, the BLM received lease parcel stipulations from the USFS and have attached those stipulations accordingly (see Appendix 4.1).

In addition, BLM conducted a 30-day public scoping period which began on August 31, 2021. The main issues identified through public scoping included, but were not limited to, leasing in Greater Sage-Grouse habitat, big game habitat and migrations corridors and potential emissions impacts. Comments received through the public scoping process were incorporated into this document.

1.7 Public Participation

Formal public participation was initiated when the original parcel list (459 parcels) was posted to the ePlanning database on August 31, 2021. A news release was issued on August 31, 2021, notifying the public that the parcels were being posted for a 30-calendar day scoping and public comment period. A news release was issued on November 1, 2021 notifying the public that this EA is being posted on the BLM Wyoming website for a 30-calendar day public comment period. As required by BLM leasing policies, where parcels include split estate lands, the BLM WSO sent notification letters to the surface owner(s) identified by the party submitting the EOI.

After the public comment period BLM will review and address all substantive comments on the EA before issuing a decision on which parcels will be offered at the lease sale.

1.8 Issues Identified for Analysis

Analysis issues include resource issues that could potentially be affected by oil and gas leasing. The BLM focuses its analysis on changes to the human environment from the proposed action or alternatives that are reasonably foreseeable and have a reasonably close causal relationship to the proposed action or alternatives, including those effects that occur at the same time and place as the proposed action or alternatives and may include effects that are later in time or farther removed in distance from the proposed action or alternatives (40 CFR 1508.1(g)). Consistent with 43 CFR § 3120.3 and § 3120.4-1, the BLM identified site-specific resource concerns and lease stipulations for proposed parcels through a preliminary review process conducted prior to a public scoping period. The following resources/issues will be analyzed in detail in this EA:

Air Resources

How would future potential development of nominated lease parcels contribute to greenhouse gas (GHG) emissions and climate change and what quantities of GHG emissions (including upstream, midstream, and downstream) are anticipated?

Greater Sage-Grouse

What are the effects to sage-grouse habitats and populations if the parcels nominated for the March 2022 lease sale are leased and subsequently developed for oil or gas production?

Big Game Species

What are the effects from potential oil and gas development on parcels that may be offered for lease to big game habitats and populations within state identified crucial winter range and designated migration corridors?

Water Resources

What are the effects of potential oil and gas development, including hydraulic fracturing, on parcels that may be offered for lease on surface and groundwater quality and quantity?

1.9 Issues Eliminated from Further Analysis

The following resources/issues are either not present or did not warrant detailed analysis and not considered in this EA: lands with wilderness characteristics, lands and realty conflicts, locatable and salable minerals, forest and woodland, cave and karst resources, wilderness study areas, Areas of Critical Environmental Concern (ACECs), Master Leasing Plans, and wild and scenic rivers. Other resource issues BLM considered but eliminated from further analysis due to environmental impacts previously analyzed through prior NEPA reviews and/or lease notices or stipulations that were applied to avoid and minimize impacts are discussed below:

Cultural and Heritage Resources: Cultural and Heritage resources include traditions cultural properties and historic trails. All parcels addressed in this EA have the potential to contain surface and buried archaeological materials or may be in an area which could affect the setting of known or unknown historic sites, and/or Traditional Cultural Properties (TCPs). Once the decision is made by the lessee to develop a lease, an area-specific cultural records review would be completed to determine if there is a need for a cultural inventory of the areas of proposed surface disturbance. Generally, a cultural inventory will be required before new surface disturbance and all historic and archaeological sites that are eligible for listing in the National Register of Historic Places would be either

avoided by the undertaking, have adverse effects to sites minimized or mitigated, or have the information in the sites extracted through archaeological data recovery.

The application of lease terms, cultural resource lease stipulations and the cultural resource lease notices (See Appendix 4.1 for parcels with specific cultural resource stipulations and/or paleontological stipulations. In addition, Lease Notice No. 2, and Lease Stipulation No. 1) at leasing provides protection to cultural and heritage resources, paleontology, traditional cultural properties, and historic trails. The BLM will not approve any ground disturbing activities that may affect such properties or resources until it completes its obligations associated with the stipulations that are applied to each respective parcel as well as applicable requirements of the National Historic Preservation Act and any 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

Paleontology: The application of lease terms and the paleontological lease notices (Appendix 4.1) at leasing provides protection to paleontological resources. Leased lands that fall into this category could require professional assessment which may include a field survey prior to surface disturbance. The results of the assessment and survey by a BLM-permitted paleontologist will serve as the basis for a mitigation plan during development. If the inventory resulted in the identification of paleontological resources, mitigation measures may include avoidance, professional monitoring or spot checking, development of an Unanticipated Resource Discovery Plan, and salvage. These mitigation measures would be initiated by BLM and the operator.

Soils: The act of offering, selling, and issuing federal oil and gas leases does not produce impacts to soils. Prior to authorization of surface disturbance on a lease, the BLM will require the lessee or their designated operator to submit a Surface Use Plan of Operations to the BLM. The requirements in the BLM-Wyoming Reclamation Policy would be implemented for all surface-disturbing activities. Stabilization and reclamation of disturbed areas (both interim and final) will be required, in accordance with Onshore Oil and Gas Order No. 1. Site-specific, ground-truthed soils data will be provided if and when any associated ground-disturbing activity (drill pad construction or pipeline installation) is proposed. As required in the applicable RMPs, surface disturbance may be restricted or prohibited on steep slopes and within floodplains. Lease Notice No. 1 addresses surface disturbance on slopes greater than 25 percent and is applied to all parcels. Additional stipulations to protect soils can be found in Appendix 4.1.

Vegetation: Vegetation resources will not be impacted to the degree that will require detailed analysis in this EA. This proposed sale and issuance of an oil and gas leases would not authorize any ground disturbances which could affect vegetation resources. Leasing is an administrative action that does not result in any surface disturbance. Site-specific effects cannot be analyzed until an exploration or development application is received, after leasing has occurred. There would be no impacts to vegetation resources through sale of leases. There is some expectation that exploration or development could occur, at which time additional NEPA would be conducted should an APD be filed. The applied lease stipulations and notices will notify buyers during sale of leases and allow for the opportunity to make adjustments at the site-specific level when an APD is received and will ensure impacts are addressed. Future development proposals on the leases would be subject to the standard lease terms, and all applicable laws, regulations and onshore orders in existence at the time of lease issuance.

Visual Resources: BLM is required to manage for visual resources on BLM owned surface lands. Each RMP contains Visual Resource Management (VRM) requirements and considerations specific for the geographical location to which they apply. VRM practices and standards will be implemented consistent with the respective RMP they are subject to. New oil and gas development would implement, as appropriate for the site, Best Management Practices (BMPs) to maintain visual qualities where possible. This includes, but would not be limited to, proper site selection, reduction of visibility, minimizing disturbance selecting color(s)/color schemes that blend with the background and reclaiming areas that are not in active use. Repetition of form, line, color and texture when designing projects would reduce contrasts between landscape and development. Where applicable, VRM lease stipulations are applied to the proposed parcels in conformance with the approved RMPs (Appendix 4.1). The application of a stipulation would be sufficient at the leasing stage to notify operators that additional measures may be necessary to reduce visual impacts from potential future development (at the APD stage). This provides for the

protection and conservation of the visual resources on public lands, as classified by FLPMA regarding BLM-authorized activities.

Recreation: No direct impacts to recreational opportunities would occur as a result of offering leases for sale. The leasing action would be considered in compliance with all relevant recreation regulations, protocols and policies. Impacts on recreation from potential future exploration and development would be analyzed at the APD stage and included design features, and mitigation would be integrated to avoid or minimize potential impacts to recreation consistent with the RMP for the respective planning area.

Wildlife:

Fish and Special Status Species (Plants and Vertebrate and Invertebrate Wildlife): The BLM screened parcels for plants and wildlife species which may be impacted if a lease parcel is sold and subsequently developed. Stipulations were applied to parcels that contain habitat for these species according to the field office RMP (see Appendix 4.1). BLM also reviewed each proposed lease parcel for special status species and threatened and endangered species (see next three paragraphs for further detail).

Threatened and Endangered Species: In additions to the appropriate RMP stipulations, the BLM applies Standard Lease Stipulation No. 2 to all parcels (see Appendix 4.1.1), which states that 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.

Special Status Species: The Federal Land Policy and Management Act of 1976, Section 102.8, requires environmental resources to be managed to provide food and habitat for fish and wildlife. The Sikes Act instructs agencies to develop, maintain, and coordinate programs for the conservation and rehabilitation of wildlife, fish and game (16 U.S.C. 670 *et seq.*, section 670h). The DOI Manual 632 and BLM Manual 6840 requires conservation of special status species and the ecosystems upon which they depend on BLM-administered lands. BLM special status species are those listed or proposed for listing under the ESA, and species requiring special management consideration to promote their conservation and reduce the likelihood and need for future listing under the ESA. Instructional Memorandum No. WY IM-2010-027 provides the plant and wildlife Species lists for BLM-administered public lands in Wyoming and these species have been evaluated for potential impacts from the proposed lease sale, as documented by stipulations found in Appendix 4.1 of this EA.

Parcels proposed for lease may contain habitat for sensitive species. Leasing of the proposed parcels would not, by itself, authorize any ground disturbance; however, the proposed lease sale has the potential to impact habitat through future oil and gas development. Although site-specific effects cannot be analyzed until an exploration or development application is received, attachments of stipulations and notices to leases will assure the opportunity to make adjustments, such as design modifications, at the site specific level when an Application for Permit to Drill is received, to address specific wildlife and plant resources.

Solid and Hazardous Wastes: None of the parcels are known to contain open sources of solid waste. Historical management of split estate lands is unknown but unlikely to contain reportable levels of hazardous waste; these lands may have been impacted through normal everyday living including but not limited to spills of oils, paints, etc.

Several parcels have been previously leased and contain well bores that have been plugged and abandoned or are active injection wells. Any of these parcels may also contain previously approved for abandonment, oilfield materials in the subsurface; they may also contain materials that were disposed of without authorization.

Should a parcel be leased and developed, generation and temporary storage of waste materials would likely occur. Waste materials would be managed in accordance with Onshore Oil and Gas Order Nos. 1 & 7, the Resource Conservation and Recovery Act (RCRA), applicable WDEQ regulations, and Wyoming Oil and Gas Conservation Commission (WOGCC) rules. Fluid handling would be evaluated at the development stage and fluids associated

with any subsequent drilling, completions and/or production would either be treated, evaporated, or transferred to a WDEQ-authorized commercial treatment, storage, or disposal facility; solids would be treated on site or transferred to a WDEQ-authorized facility. BMPs, SOPs and site-specific mitigation may be applied at the APD stage as COAs.

Grazing: Some of the parcels are located within livestock grazing allotments or private pastures. Leasing or production activities would not cause changes to grazing permit terms and conditions. Any activity that involves surface disturbance or direct resource impacts would have to be authorized as a lease operation through future NEPA analysis, on a case-by-case basis, at the APD stage. Impacts to livestock grazing may occur as a result of subsequent actions including exploration development, production, etc. Therefore, reclamation provisions/procedures including re-vegetation (utilizing appropriate seed mix based on the ecological site, elevation and topography), road reclamation, range improvement project replacement/restoration (e.g., fences, troughs and cattle guards), noxious weed control, would be identified in future NEPA/decision documents on a case-by-case basis (at the APD stage). In addition, if any range improvement projects could be impacted by wells or associated infrastructure, well pads could be moved 200 meters to avoid rangeland improvements or vegetation monitoring plots as per 43 CFR 3101.1-2. BMPs, SOPs and site-specific mitigation may be applied at the APD stage as COAs.

Geology and Mineral Resources: Oil and gas exploration could lead to an increased understanding of the geologic setting, as subsurface data obtained through lease operations may become public record. This information promotes an understanding of mineral resources as well as geologic interpretation. While conflicts could arise between oil and gas operations and other mineral operations, these could generally be mitigated under 43 CFR 3101.1-2 and under standard lease terms (see Appendix 4.1.1) where sitting and design of facilities may be modified to protect other resources.

Depending on the success of oil and gas drilling, non-renewable natural gas and/or oil would be extracted and delivered to market. Production would result in the irretrievable loss of these resources. Any oil and gas development can be managed to avoid or work within other mineral resources. Mining claims and Mineral Materials were reviewed and no parcels have active gravel pits or commercial rock quarries within their boundaries and none are located within a Known Sodium Lease Area.

At the time of a site-specific proposal for development of the lease, Standard Lease Stipulation No. 3 protects the prior rights:

Operations will not be approved which, in the opinion of the authorized officer, would unreasonably interfere with the orderly development and/or production from a valid existing mineral lease issued prior to this one for the same lands.

The oil and gas lessee would conduct its operations, so far as reasonably practicable, to avoid damage to any known deposit of any mineral for which any mining claim is located. The lessee would be required to not endanger or unreasonably or materially interfere with any mining claimant's operations, including any existing surface or underground improvements, workings, or facilities that 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.) will apply to the leased lands as well as any applicable oil and gas EIS.

Designated Development Areas (DDAs)/Oil and Gas Management Areas: Designated Development Areas and Oil and Gas Management Areas are managed primarily for oil and gas exploration and development. Sixteen parcels (WY-202X-XX-0491, 1156, 1188, 1197, 1201, 1208, 1212, 1227, 1237, 1242, 1247, 1248, 1249, 1251, 7192 and 7204) are located within a Designated Development Area (DDA). The respective field office's Approved RMPs designates these areas for development incorporating almost all lands with moderate to high oil and gas potential. Potential for future mineral development is primarily limited to lands in the Designated Development Areas which do not conflict other resources.

2.0 Description of Alternatives, Including Proposed Action

2.1 Introduction

Leasing is generally a three-step process. First, the BLM issues a RMP, as required by FLPMA, assessing the resources in a given area and determines what lands to open for development (43 CFR § 1601.0-5(n)). Step two, after the RMP has been signed, is to identify parcels eligible for lease, subject to public protest, and hold a competitive lease sale at which parcels are auctioned off and sold to the highest bidder (see 43 CFR § 3120.1-3, 43 CFR § 3120.5-1, 43 CFR § 3120.5-3). For the third and final step, after leases are issued, the lessees submit proposals to develop the leases. Prior to any surface disturbance occurring, an Application for Permit to Drill (APD) must be submitted and approved (43 CFR § 3162.3-1) by the field office. For each APD, the Bureau determines whether to approve the proposals and what conditions to impose (30 U.S.C. § 226(g) and 43 CFR § 3162.3-1).

BLM developed a parcel list of nominated lands from EOIs and the WSO created a shapefile of all parcels. The shapefile is used in the ArcGIS® mapping program (ArcMap®). Once the shapefile of parcels is created, the shapefile and parcels list are forwarded to BLM WSO specialists and field offices for further review and posted to ePlanning for scoping.

Using GIS, WSO screens all parcels to determine which parcels move forward for further review by the field offices. Each field office (FO) with potential parcels within its boundaries receives a list to review containing only those parcels.

The WSO specialists and the field offices use the same ArcMap® system to screen the proposed parcels. This screen is based on the RMP decisions in each FO. The field office reviews the potential parcels and recommends; which lands need to be removed from further consideration (e.g. lands unavailable for lease due to RMP decisions); which lands need to be deferred (potential conflicts that may have arisen); and leasing stipulations (based on RMP decisions). These recommendations are forwarded to the district offices.

The district office (DO) staff compiles all parcels within the district and verifies the recommendations from each FO within the district. Any discrepancies are discussed between the FO and DO staff to resolve those issues. The DO then sends the compiled list back to the WSO, specifically the fluid minerals staff.

The fluid minerals staff then compiles all three DO recommendations and potential parcels back into one list. The State Director (SD) and the District Managers (DMs) then coordinate and discuss the recommendations and concur on which potential parcels, or portions of parcels move forward for analysis and inclusion into the quarterly CLS EA.

The WSO fluid minerals staff prepares the EA and posts it on the ePlanning website for a 30-day public comment period. After the 30-day public comment period, the fluid minerals staff reviews and responds to the comments and makes changes to the EA, if necessary. Any major conflicts identified are discussed with the SD and Deputy State Director (DSD) for Lands and Minerals (and other staff if determined necessary by the SD) for a decision on whether to delete, defer or move the parcel forward.

The public comments and responses are then posted on ePlanning. The WSO publishes a Notice of Competitive Oil & Gas Lease Sale (Sale Notice), beginning a 30-day protest period. After the 30-day protest period, the fluid minerals staff reviews the protests and prepares responses. Once the protest responses are completed, the fluid minerals staff sends the EA, FONSI, Response to Public Comments, Response to Protests and Decision Record (DR) to other WSO staff for review and comment. These reviews are typically obtained from the Planning and Environmental Coordinator(s), Branch Chiefs, DSDs and finally the SD. The SD typically signs the FONSI and DR the day prior to the CLS. At any point in the review process (up until the day the sale is held), parcels or portions of parcels may be deleted or deferred.

Regarding the current list of parcels, three-hundred eighty-three (383) parcels were previously reviewed by the field and district offices and the EA was available for a 30-calendar day public comment period beginning November 13, 2020. In January 2021, a decision was made to defer the March 2021 Competitive Oil and Gas Lease Sale.

In December 2020, a preliminary parcel list of 76 parcels was prepared by the WSO and sent to the applicable field and district offices for review. From that review, BLM Wyoming deleted 4 whole parcels and portions of 27 others. The January 2021 decision to defer also effected these 76 parcels. For ease of review within this EA, the BLM

combined the deferred 383 parcels from March 2021 with other previously deferred 76 parcels in the table below (459 total parcels).

Only the deferred 459 parcels are being considered within this EA. All EOIs received by BLM Wyoming after January 1, 2021 will be considered in a future EA.

2.2 Alternative 1 - No Action Alternative

Under the Alternative 1, BLM Wyoming would not offer 459 parcels nominated and located in areas open to leasing under the approved RMPs, containing approximately 560,230.77 acres. This would mean that the Expressions of Interest would be rejected, and the lease parcels would not be offered. Choosing the No Action alternative would not prevent future leasing in these areas consistent with land use planning decisions and subject to appropriate stipulations, identified in the respective land use plans.

2.3 Alternative 2 - Proposed Action

Alternative 2 would offer all available parcels (455 parcels containing approximately 530,977.78 acres) nominated through the Expression of Interest. This alternative removes parcels or portions of parcels located in areas unavailable to lease, as indicated in Table 2.1 below.

Table 2.1: 202X-XX Proposed Lease Parcels:

Field Office	Acres NOMINATED	# of Parcel Nominations	NUMBER DELETE WHOLE (acres)	NUMBER DELETE PART (acres)
BFO	55,862	75	0	0
CFO	31,754	36	0	0
NFO	57,931	73	0	0
CYFO	8,402	12 ^a	0	0
LFO	31,477	33 ^b	0	0
WFO	45,461	30	0	0
KFO	15,877	11 ^c	0	0
PFO	56,861	42 ^d	4 (3,063)	27 (27,664)
RFO	91,966	53	0	0
RSFO	176,238	94	0	0
Totals	561,833	459	4 (3,063)	27 (27,664)

^a 3 parcels overlap Cody and Worland = parcels and acres counted in CYFO

^b 3 parcels overlap Lander and Rawlins = parcels and acres counted in LFO

^c 3 parcels overlap Kemmerer and Rock Springs = parcels and acres counted in KFO

^d 2 parcels overlap Pinedale and Rock Springs = parcels and acres counted in PFO

2.4 Alternative 3 – Modified Proposed Action

The decision as to which public lands and minerals are open for leasing and what leasing stipulations may be necessary is made during the land use planning process. Surface management/use for mineral extraction on non-BLM administered land overlaying federal minerals will be determined by the BLM in consultation with the appropriate surface management agency or the private surface owner at the time such surface use is proposed by the leaseholder or designated agent. Under the MLA, issuing oil and gas leases is a discretionary authority conveyed to the Secretary of the Interior. In accordance with this discretionary authority and as described below, in this alternative BLM would defer two-hundred thirty-six (239) whole parcels and portions of twenty-seven (27) others which overlap Greater Sage-Grouse (GSG) Priority Habitat Management Areas (PHMA) (Table 2.2 Evaluation Label is PHMA, above). Portions of two (2) parcels are deferred complete tribal consultation prior to leasing, as well as for PHMA. The whole parcels or portions of parcels are detailed in the table below and in Appendix 4.1.

Table 2.2: Summary of parcels deferred, deleted, and available for sale:

FIELD OFFICE	NOMINATED ACRES	PARCEL COUNT	WHOLE DEFERRAL (ACRES)	PARTIAL DEFERRAL (ACRES)	DELETE WHOLE (ACRES)	DELETE PART (ACRES)	OFFERED PARCELS (ACRES)
BFO	55,862	75	9 (5747)				66 (50,114)
CFO	31,754	36	13				23 (19,629)
NFO	57,931	73	45				28 (18,976)
CYFO	8,402	12 ^a	7				5 (4,489)
LFO	31,477	33 ^b	16				17 (15,883)
WFO	45,461	30	19				11 (10,532)
KFO	15,877	11 ^c	11				0 (0.00)
PFO	56,861	42 ^d	1	21 (9,343)	4 (2,878)	27 (27,956)	16 (16,133)
RFO	91,966	53	44				9 (9,876)
RSFO	176,238	94	74				20 (33,366)
Total	561,833	459	239				194 (179,001)

Under the Alternative 3, 195 parcels not located in PHMA, containing approximately 179,001 acres would be offered for lease during the First Quarter 20XX (20XX-XX) Competitive Lease Sale.

2.5 Alternatives Considered and Eliminated from Further Analysis

Offer All Nominated Parcels as Originally Submitted Through the Expression-Of-Interest (EOI)

Offering all nominated parcels as originally submitted through the EOI process was considered as an alternative to analyze all nominated lands. However, several parcels, or portions of parcels, nominated were in areas where the RMPs have designated those lands as “closed to new oil and gas leasing.” This alternative was not analyzed in detail because the offering of those parcels, or portions of parcels, in areas are closed to leasing would not be in conformance with the RMP(s).

Offer All Nominated Parcels Subject to Standard Lease Terms and Conditions

Offering all nominated parcels with only the standard lease terms and conditions on the BLM’s lease form was considered to reduce constraints to oil and gas development on public lands. Such an alternative is not in conformance with the approved RMPs where the applicable RMP prescribes stipulations in accordance with FLMPA’s Section 102(a)(8) mandate to manage the public lands to protect resource values. Therefore, this alternative was not analyzed in detail.

Offer All Available Parcels Subject to No Surface Occupancy (NSO) Stipulations

An alternative was considered that would offer all parcels located in areas open to leasing with a NSO stipulation. This alternative was not carried forward to detailed analysis because it is not in conformance with the approved RMPs and would only prohibit surface occupancy for oil and gas development; other non-oil and gas occupancy may not be similarly constrained. This alternative would unnecessarily limit oil and gas occupancy in areas where the approved RMPs have determined that less restrictive stipulations would adequately mitigate the anticipated impacts under our mandate of multiple-use and sustained yield.

3.0 Affected Environment and Environmental Effects

3.1 Introduction

The sale of parcels and issuance of oil and gas leases is an administrative action. Nominated lease parcels are reviewed under the approved RMP, and stipulations are attached to mitigate any known environmental or resource conflicts that may occur on a proposed lease parcel. On-the-ground impacts would not occur until a lessee or their designated operator applies for and receives approval to undertake surface-disturbing lease actions.

The BLM cannot reasonably determine at the leasing stage whether a nominated parcel will actually be leased, or if leased, whether or not the lease would be explored or developed or at what intensity development may occur.

The uncertainty that exists at the time the BLM offers a lease for sale includes factors that will affect potential impacts, such as: well density; geological conditions; development type (vertical, directional, horizontal); hydrocarbon characteristics; equipment to be used during construction, drilling, production, and abandonment operations; and potential regulatory changes over the life of the 10-year primary lease term.

If lands are offered, leased, and a proposal for site-specific lease operations is received by the BLM, additional NEPA compliance documentation and technical analysis would be prepared by the BLM. Aside from the applicable protection measures required under the lease stipulations (see Appendix 4.1), additional mitigation may be applied as COAs at that time to mitigate identified impacts.

As described in Section 1.4, above, this EA tiers to the applicable RMP FEISs (40 CFR § 1502.20). In the impacts analysis for the alternatives, below, this EA will only address those resources and impacts where the BLM has determined there are new circumstances or information, or where BLM believes it will be helpful to inform the public about actions that may occur on public lands. This approach comports with the BLM's NEPA Handbook H-1790-1 (at page 28).

For additional descriptions of the potential effects for the alternatives considered below, please refer to the RMP FEISs referenced in Section 1.4.

3.2 Air Resources

3.2.1 Air Quality

Regional air quality is influenced by the interaction of meteorology, climate, the magnitude, and spatial distribution of local and regional air pollutant sources (including natural sources), and chemical properties of emitted air pollutants. The following sections summarize the existing climate and air quality within the area potentially affected by the parcels under consideration for leasing.

A variety of pollutants can affect air quality; these pollutants and their effects on health, visibility, and ecology are described in the following sections, along with data on existing air quality conditions found within the subject field offices.

The EPA has delegated regulation of air quality to the State of Wyoming and is administered by the Wyoming Department of Environmental Quality (WDEQ). Wyoming Ambient Air Quality Standards (WAAQS) and National Ambient Air Quality Standards (NAAQS) identify maximum limits for concentrations of criteria air pollutants at all locations to which the public has access. The WAAQS and NAAQS are legally enforceable standards. Concentrations above the WAAQS and NAAQS represent a risk to human health that, by law, require public safeguards be implemented. State standards must be at least as protective of human health as Federal standards, and may be more restrictive than Federal standards, as allowed by the Clean Air Act. Currently, the WDEQ Air Quality Division (AQD) does not have regulations regarding greenhouse gas emissions, although these emissions are regulated indirectly by various other regulations.

Pollutant concentration can be defined as the mass of pollutant present in a volume of air and is reported in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), parts per million (ppm), or parts per billion (ppb). The State of Wyoming has

used monitoring to determine that the HDD's planning areas are currently in compliance with Wyoming and Federal ambient air quality standards for all criteria pollutants with the exception of the Upper Green River Basin (UGRB), which includes portions of the KFO and RSFO, and all of the PFO. The UGRB is a designated nonattainment area for the 2008 ozone standard and the implications of this designation are further discussed on pages 24-25.

For the most part, the counties that lie within the jurisdictional boundaries of the HPD (Natrona, Converse, Platte, Goshen, Niobrara, Weston, Crook, Campbell, Sheridan, and Johnson) are classified as in attainment for all state and national ambient air quality standards as defined in the Clean Air Act. The one exception is the City of Sheridan, which was designated as nonattainment for PM₁₀ in 1991 (56 FR 11101). On April 4, 2018, EPA removed the City of Sheridan as a nonattainment zone and approved their limited maintenance plan while re-designating them as in attainment of the NAAQS for PM₁₀ (83 FR 06848).

The counties that lie within the jurisdictional boundaries of the WR/BBD (Park, Big Horn, Washakie, Hot Springs, Fremont, Natrona, Carbon, and portions of Sweetwater) are classified as in attainment for all state and national ambient air quality standards.

Relevant air quality monitoring stations are shown in the table, below:

Table 3.1: Air Quality Monitoring Stations

County	Site Name	Type of Monitor Type	Parameter	Operating Schedule	Location	
					Longitude	Latitude
Campbell	Thunder Basin	SPM ¹	O ₃ , NO _x and Met	Hourly	-105.300	44.672
	South Campbell County	SPM	O ₃ , NO _x , PM ₁₀ and Met	1/3 (PM ₁₀) and hourly (NO _x and O ₃)	-105.500	44.147
	Belle Ayr Mine	SPM	NO _x and PM _{2.5}	1/3 (PM _{2.5}) and hourly (O _x)	-105.300	44.099
	Wright	SPM	PM ₁₀	1/6	-105.500	43.758
	Gillette	SLAMS ²	PM ₁₀	1/6	-105.500	44.288
	Black Thunder Mine	SPM	PM _{2.5}	1/3	-105.200	43.677
	Buckskin Mine	SPM	PM _{2.5}	1/3	-105.600	44.472
	Fortification Creek	WARMS ³	PM _{2.5} , Nitrate, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide, Meteorology	1/3 (PM _{2.5}) and 1/7 (others)	-105.920	44.334
	South Coal	WARMS	PM _{2.5} and Meteorology		-105.838	44.940
	Thunder Basin	IMPROVE ⁴	PM _{2.5} , Nitrate, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	1/3	-105.287	44.663
Converse	Antelope Mine	SPM	PM _{2.5}	1/3 (PM _{2.5}) and hourly (NO _x)	-105.400	43.427
Johnson	Buffalo	WARMS	PM _{2.5} , Nitrate, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide and	1/3 (PM _{2.5}) and 1/7 (others)	-106.019	44.144

			Meteorology			
	Cloud Peak (stopped monitoring during 2014)	IMPROVE	PM _{2.5} , Nitrate, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide and Meteorology	1/3	-106.957	44.334
Natrona	Casper	SLAMS	PM ₁₀ and PM _{2.5}	1/3	-106.326	42.852
Sheridan	Sheridan-Highland Park	SLAMS	PM ₁₀ and PM _{2.5}	1/3 (PM ₁₀); 1/3 and 1/6 (PM _{2.5})	-107.000	44.806
	Sheridan-Police Station	SLAMS	PM ₁₀ and PM _{2.5}	1/1 (PM ₁₀) and 1/3 & 1/6 (PM _{2.5})	-105.300	44.672
	Sheridan	WARMS	PM _{2.5} , Ozone, Nitrate, Ammonium, Nitric Acid, Sulfate and Sulfur Dioxide, Meteorology	1/3 (PM _{2.5}) and 1/7 (others)	-106.8472	44.9336
Weston	Newcastle	WARMS	PM _{2.5} , Nitrate, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide and Meteorology, ozone	1/3 (PM _{2.5}) and 1/7 (others)	-104.1919	43.8731
	Newcastle	NADP ⁵	Wet deposition of ammonium, sulfate, metals	Weekly	-104.1917	43.873
Park	Cody	SLAMS	PM ₁₀	Jan. 3	-109.073	44.532
	North Absaroka (managed by USFS)	IMPROVE	PM _{2.5} , NO ₃ -, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	Jan. 3; Hourly Meteorology	-109.382	44.745
	Yellowstone National Park – Tower Falls	NADP/NTN ⁶	Wet Deposition Ions, Precipitation, pH	Weekly (Ions); Daily (Precip)	-110.420	44.917
Fremont	Lander	SLAMS	PM _{2.5}	Jan. 3	-108.733	42.833
	Sinks Canyon	NADP/NTN	Wet Deposition Ions, Precipitation, pH	Weekly (Ions); Daily (Precip)	-108.850	42.734
	South Pass City	NADP/NTN	Wet Deposition Ions, Precipitation, pH	Weekly (Ions); Daily (Precip)	-108.832	42.494
Big Horn	Basin	WARMS CASTNET ⁷	Ozone, NO ₃ -, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	Jan. 7 (Speciated); Hourly (O ₃ , Met)	-108.041	44.28
Campbell	Thunder Basin	SPM	Ozone, Nitrogen Oxides & Met	Hourly	-105.300	44.672

	Thunder Basin	IMPROVE	PM _{2.5} , NO ₃ -, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	Jan. 3 (Speciated); Hourly Met.	-105.287	44.663
Johnson	Buffalo	WARMS	PM _{2.5} , NO ₃ -, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	Jan. 3 (PM _{2.5}); 1/7 (others); Hourly Met	-106.019	44.144
	Cloud Peak (Monitoring stopped during 2014)	IMPROVE	PM _{2.5} , NO ₃ -, Ammonium, Nitric Acid, Sulfate, Sulfur Dioxide & Meteorology	Jan. 3 (Speciated); Hourly Met	-106.956	44.333
Sublette	Boulder	SPM	O ₃ , PM ₁₀ , NO ₂	Hourly	-109.753	42.719
Sublette	Daniel South	SPM	O ₃ , PM ₁₀ , NO ₂	Hourly	-110.055	42.791
Sublette	Juel Spring	SPM	O ₃ , NO ₂	Hourly	-109.563	42.373
Sublette	Pinedale	SPM	O ₃ , PM _{2.5} , NO ₂	Hourly	-109.885	42.853
Sweetwater	Moxa Arch	SPM	O ₃ , PM ₁₀ , NO ₂	Hourly	-109.788	41.751
Sweetwater	Wamsutter	SPM	O ₃ , PM ₁₀ , NO ₂	Hourly	-108.024	41.678
Fremont	South Pass	SPM	O ₃ , PM ₁₀ , NO ₂	Hourly	-108.720	42.528
Uinta	Murphy Ridge	SPM	O ₃ , PM ₁₀ , NO ₂	Hourly	-111.042	41.369
Teton	Jackson	SLAMS	PM ₁₀ , PM _{2.5}	1/3	-110.798	43.458
Sweetwater	Rock Springs	SLAMS	PM ₁₀ , PM _{2.5}	1/3	-109.220	41.592
Laramie	Cheyenne	NCore	O ₃ NO NO ₂ SO ₂ PM ₁₀ PM _{2.5}	Hourly for all expect 1/3 for PM _{2.5}	-104.778	41.182

1 - Special Purpose Monitor (WDEQ-AQD).

2 - State and Local Air Monitoring Stations (WDEQ-AQD).

3 - [Wyoming Air Resource Monitoring System](#) (BLM-WY).

4 - Interagency Monitoring of Protected Visual Environments (Various Federal Agencies).

5 - National Atmospheric Deposition Program (Various Federal and State Agencies).

6 - National Trends Network (NADP).

7 - Clean Air Status and Trends Network (Environmental Protection Agency and BLM-WY).

Criteria Air Pollutants

Criteria air pollutants are those for which national concentration standards have been established. If the air quality in a geographic area meets the NAAQS, it is designated an attainment area; areas that do not meet the NAAQS are designated nonattainment areas and must develop comprehensive state plans to reduce pollutant concentrations to a safe level. Attainment/nonattainment status is determined separately for each criteria pollutant. Five of the six criteria pollutants for which the EPA has established NAAQs are:

Carbon monoxide (CO): CO is an odorless, colorless gas formed during combustion of any carbon-based fuel, such as during the operation of engines, fireplaces, and furnaces. Because carbon monoxide data are generally collected only in urban areas where automobile traffic levels are high, recent data are often unavailable for rural areas.

Nitrogen dioxide (NO₂): NO₂ is a highly reactive compound formed at high temperatures during fossil fuel combustion. During combustion, nitrogen monoxide (NO) is released into the air which reacts with oxygen in the atmosphere to form NO₂. NO plus NO₂ forms a mixture of nitrogen gases, collectively called oxides of nitrogen (NO_x). NO_x emissions can convert to ammonium nitrate particles and nitric acid, which can cause visibility impairment and atmospheric deposition. NO_x can contribute to “brown cloud” conditions and ozone formation, and

can convert to ammonium (NH₄), nitrate particles (NO₃), and nitric acid (HNO₃). Internal combustion engines are a major source of NO_x emissions.

Ozone: Ozone is a gaseous pollutant that is not emitted directly into the atmosphere but is formed in the atmosphere from complex photochemical reactions involving NO_x and reactive volatile organic compounds (VOCs). Common sources of VOCs include automotive and heavy equipment emissions, paints and varnishes, oil and gas operations, and wildfires. Ozone is a strong oxidizing chemical that can burn the lungs and eyes and damage plants. Ozone is a severe respiratory irritant at concentrations exceeding the federal standards.

Particulate matter (PM): PM is small particles suspended in the air that settle to the ground slowly and may be re-suspended if disturbed. Ambient air particulate matter standards are based on the size of the particle. The two types of particulate matter are:

PM₁₀ (particles with diameters less than 10 micrometers): small enough to be inhaled and capable of causing adverse health effects.

PM_{2.5} (particles with diameters less than 2.5 micrometers): small enough to be drawn deeply into the lungs and cause serious health problems. These particles are a primary cause of visibility impairment.

Sulfur dioxide (SO₂) and sulfates (SO₄): SO₂ and SO₄ form during combustion from trace levels of sulfur in coal or diesel fuel. SO₂ also participates in chemical reactions and can form sulfates and sulfuric acid in the atmosphere.

The Wyoming DEQ has also established WAAQS, which are state-specific air quality standards for criteria pollutants. The standards and relevant averaging periods are summarized below:

Table 3.2: NAAQS/WAAQS

Pollutant	Averaging Time	National Ambient Air Quality Standards (NAAQS)			Wyoming Ambient Air Quality Standards (WAAQS)		
		Primary			Primary		
		(ppm)	(ppb)	(ug/m ³)	(ppm)	(ppb)	(ug/m ³)
Carbon Monoxide	1 hour	35 ^(a)	35,000	40,000	35	35,000	40 (mg/m ³)
	8 hour	9 ^(a)	9,000	10,000	9	9,000	10 (mg/m ³)
Lead	Rolling 3-month	---	---	0.15	---	---	0.15
Nitrogen Dioxide	1 hour	0.1	100 ^(b)	189	0.1	100	189
	Annual (Arithmetic Mean)	0.053	53	100	0.053	53	100
PM ₁₀	24 hour	---	---	150 ^(c)	---	---	150
	Annual (Arithmetic Mean)	None			---	---	50
PM _{2.5}	24 hour	---	---	35 ^(d)	---	---	35
	Annual (Arithmetic Mean)	---	---	12.0 ^(e)	---	---	12.0
Ozone	8 hour	0.070 ^(f)	70	147	0.075	75	147
Sulfur Dioxide	1 hour	0.075	75 ^(g)	197	0.075	75	197
Hydrogen Sulfide	1/2 hour average	---	---	---	0.05	50	70 ^(h)
	1/2 hour average	---	---	---	0.03	30	40 ⁽ⁱ⁾

Note: **Bold** indicates the standard as written in the corresponding regulation. Other values are conversions.

^(a) Not to be exceeded more than once per year.

- (b) To attain this standard, the 3-year average of the 98th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 100 ppb (effective January 22, 2010).
- (c) Not to be exceeded more than once per year on average over 3 years.
- (d) To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35 $\mu\text{g}/\text{m}^3$ (effective December 17, 2006).
- (e) To attain this standard, the 3-year average of the weighted annual mean PM_{2.5} concentrations from single or multiple community-oriented monitors must not exceed 12.0 $\mu\text{g}/\text{m}^3$. (effective December 14, 2012)
- (f) To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.070 ppm.
- (g) To attain this standard, the 3-year average of the 99th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 75 ppb (effective June 22, 2010).
- (h) not to be exceeded more than two times per year.
- (i) not to be exceeded more than two times in any five consecutive days.

Ozone

Ozone is formed in the lower atmosphere by a series of reactions involving sunlight and precursor emissions of nitrous oxide (NO_x) and Volatile Organic Compounds (VOCs). Ozone and its precursors can be transported both into and out of the analysis region.

As mentioned above, the UGRB has been designated as a marginal nonattainment area for ozone. The designated nonattainment area includes Sublette County and portions of Lincoln and Sweetwater counties. This designation was based on ozone data for 2008 through 2010. Compliance with the 8-hour ozone NAAQS is based on the ozone “design value,” which is defined as the 3-year average of the annual fourth-highest observed 8-hour average ozone concentration. An ozone design value is first calculated for each monitoring site within a given area. The area-wide ozone design value is then defined as the maximum over all sites within the area. If the design value exceeds the 8-hour ozone NAAQS of 70 parts per billion (ppb), the area is designated nonattainment.

Ozone is currently measured at several sites within southwestern Wyoming. All sites have sufficient data to calculate one or more 3-year design values. Ozone design values for each of these sites, for three recent 3-year design value periods (2015-2017, 2016-2018, and 2017-2019), are listed in the Table 3, below. The general data trend in design values for all sites is either steady or increasing for the 2015-2017 to the 2017-2019 design period. Figure 1 shows the maximum 8-hour daily 2009-2020 Basin, Wyoming WARMS Ozone data.

Table 3.3: Ozone Design Values for Ozone Monitoring Sites in Wyoming Compared with the NAAQS

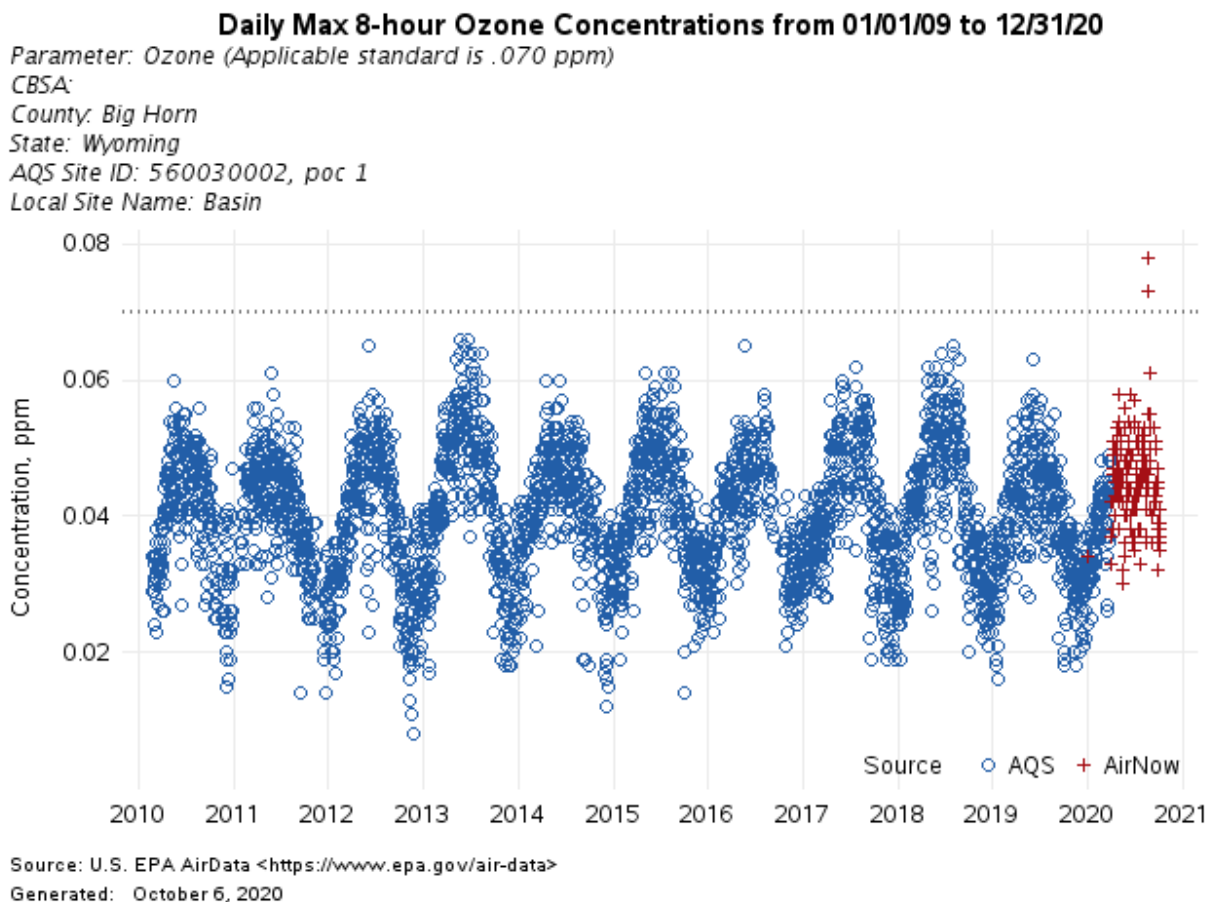
Site Name	ID	County	Ozone Design Value (ppb)			NAAQS (ppb)
			2015-2017	2016-2018	2017-2019	
Big Piney	56-035-0700	Sublette	61	63	63	70
Boulder	56-035-0099	Sublette	58	62	72	70
Cheyenne NCore	56-021-0001	Laramie	63	63	64	70
Daniel South	56-035-0100	Sublette	62	62	62	70
Juel Spring	56-035-0700	Sublette	60	62	66	70
Moxa Arch	56-037-0300	Sweetwater	66	67	66	70
Murphy Ridge	56-041-0101	Uinta	61	62	65	70
Pinedale	56-035-0101	Sublette	58	61	64	70
Thunder Basin	56-005-0123	Campbell	58	60	61	70
Wamsutter	56-037-0020	Sweetwater	55	53	57	70

Source: REF 1018

NAAQS: National Ambient Air Quality Standards

ppb: parts per billion

Figure 1: Daily Max 8-hour Ozone Concentrations



Ozone Nonattainment Designation

On April 30, 2012, the EPA formally recognized Wyoming's UGRB as an ozone nonattainment area with a marginal classification. As a result of the nonattainment designation, the BLM must comply with General Conformity regulations in 40 CFR 93 Subpart B and Chapter 8, Section 3 of the Wyoming Air Quality Standards and Regulations (WAQSR). Per these regulations, the BLM must demonstrate that new actions occurring within the nonattainment area will conform with the Wyoming State Implementation Plan (SIP) by demonstrating that they will not: (1) cause or contribute to a new violation of the ozone standard; (2) interfere with provisions in the SIP for maintenance of any standard; (3) increase the frequency or severity of any existing violation; or (4) delay timely attainment of any standard or any required interim emissions reductions or other milestone. The BLM must first conduct an applicability analysis to determine if this Federal action will require a conformity determination. A conformity determination must be completed for a Federal action if the total of direct and indirect emissions from the proposed project exceeds the *de minimis* levels specified in 40 CFR 93.153(b) and WAQSR Chapter 8, Section 3. For a marginal nonattainment area, the *de minimis* threshold is 100 tons/year of NO_x or VOCs (the precursor pollutants that form ozone in the atmosphere). Federal actions estimated to have an annual net emissions increase less than the *de minimis* levels are not required to demonstrate conformity under the General Conformity regulations.

In accordance with the Federal and State Conformity regulations, the General Conformity requirement does not apply to actions where the emissions are not reasonably foreseeable such as lease sales made on a broad scale followed by exploration and development plans. There are no direct effects from the proposed oil and gas lease sale because it is primarily an administrative action that only conveys the mineral rights to the potential lessee. Subsequent development proposals by lease holders will require to submittal of plans for any exploration or development that may occur and a site specific EA or EIS would be prepared to identify mitigation measures

necessary to avoid undue degradation to the environment prior to approval any development activities. General Conformity is addressed at the proposal stage when emission generating activities are reasonably foreseeable and can be quantified. Under Alternative 2 (Proposed Action) there are 93 parcels located within the non-attainment area, while under Alternative 3 (Modified Proposed Action) there are twenty (20) located in the area (WY-202X-XX-0870, 0878, 0882, 0886,0904, 0911, 0918, 1261, 1262, 1264, 1267, 1272, 6979, 6981, 6995, 7000, 7003, 7008, 7192 and 7216).

On August 27, 2015, the EPA published a Federal Register Notice finding that the Upper Green is attaining the ozone standard as of July 20, 2015 attainment date (see <http://www.gpo.gov/fdsys/pkg/FR-2015-08-27/pdf/2015-21196.pdf>). Formal re-designation of the area to attainment has not yet occurred.

Nitrogen Dioxide

Nitrogen dioxide (NO₂) is currently measured at several monitoring sites across Wyoming. Relevant NAAQS for NO₂ include (1) the 1-hour NO₂ NAAQS, which requires the 3-year average of the 98th percentile daily maximum 1-hour NO₂ concentration to be less than 100 ppb; and (2) the annual NO₂ NAAQS, which requires the annual average NO₂ concentration to be less than 53 ppb. One-hour NO₂ design values for each of these sites, for the 2014–2016, and 2015-2017, and 2017-2019 3-year design value periods are listed in the Table 4, below. Data from all sites show design values well below the NAAQS.

Table 3.4: 1-Hour Design Values for NO₂ Monitoring Sites in Wyoming Compared with the NAAQA

Site Name	ID	County	3-Year Average 98 th Percentile 1-Hour NO ₂ (ppb)			NAAQS (ppb)
			2014-2016	2015-2017	2017-2019	
Big Piney	56-035-0700	Sublette	8	8	8	100
Boulder	56-035-0099	Sublette	12	14	21	100
Cheyenne NCore	56-021-0001	Laramie	35	32	33	100
Daniel South	56-035-0100	Sublette	3	3	4	100
Juel Spring	56-035-0700	Sublette	10	9	11	100
Moxa Arch	56-037-0300	Sweetwater	20	20	20	100
Murphy Ridge	56-041-0101	Uinta	12	13	14	100
Pinedale	56-035-0101	Sublette	20	24	24	100
Thunder Basin	56-005-0123	Campbell	8	8	7	100
Wamsutter	56-037-0020	Sweetwater	32	32	35	100

Source: REF 1018

NAAQS: National Ambient Air Quality Standards

NO₂: nitrogen dioxide

ppb: parts per billion

Sulfur Dioxide

Sulfur dioxide (SO₂) is currently measured at the Moxa site (Sweetwater County) and the Cheyenne NCore site (Laramie County), which was established in 2010. The corresponding SO₂ design values for the 2014-2016, 2015-2017, and 2017-2019 3-year design value periods are listed in Table 5, below. The SO₂ design values are well below the NAAQS.

Table 3.5: Three-Year Average 99th Percentile Daily Maximum 1-Hour SO₂ Values for Monitoring Sites in Wyoming Compared with the NAAQA

Site Name	ID	County	3-Year Average 99 th Percentile 1-Hour SO ₂ (ppb)			NAAQS (ppb)
			2014-2016	2015-2017	2017-2019	
Moxa Arch	56-037-0300	Sweetwater	21	21	12	75
Cheyenne NCore	56-021-0100	Laramie	9	9	5	75

Source: REF 1018

NAAQS - National Ambient Air Quality Standards
 ppb - parts per billion
 SO₂ - sulfur dioxide

Carbon Monoxide

Carbon monoxide (CO) is not routinely monitored within the region. CO was measured at the Murphy Ridge site (in Uinta County) during 2008. Based on these measurements, the daily maximum 1-hour CO value was 870 ppb (0.87 parts per million [ppm]) and the daily maximum 8-hour average CO value was 690 ppb (0.69 ppm). These values are well below the NAAQS limits of 35,000 and 9,000 ppb (35 and 9 ppm), respectively. Therefore, CO does not appear to be a pollutant of concern for the region. Note, however, that CO monitoring is limited to one site.

The 2014 National Emission Inventory indicated that CO emissions in the region are primarily from area (mostly oil and gas-related) and on-road mobile sources. CO concentrations are expected to be greatest near human-made CO sources such as oil and gas development areas, population centers, and roadways, but CO is not a primary air quality concern for the region.

Lead

Lead is not routinely monitored and is not a primary air quality concern for the region.

Particulate Matter

Particulate matter, PM₁₀ and PM_{2.5}, are pollutants of concern within the region. At the regional scale, it is expected that fugitive dust sources are the dominant contributors to PM₁₀ and PM_{2.5} concentrations. Fugitive dust is likely to occur naturally across the region, especially during high-wind events. Post-burn vegetative conditions associated with wildfires are also sources of fugitive dust. At the local level, concentrations are expected to be highest near towns, unpaved roads that experience high volumes of traffic, areas with depleted vegetative cover, and areas downwind of human-made sources of precursor emissions such as SO₂ and NO₂ that may react to form secondary PM_{2.5}.

Recent PM₁₀ data are available for six monitoring sites within the region. Under the PM₁₀ NAAQS, the maximum 24-hour average PM₁₀ concentration cannot exceed 150 micrograms per cubic meter (µg/m³) more than once per year on average over 3 years. WDEQ also requires the annual PM₁₀ concentration to be less than 50 µg/m³. Maximum 24-hour PM₁₀ concentrations for monitoring sites within the area are listed in the Table 6, below:

Table 3.6: Maximum 24-Hour PM₁₀ Concentrations for Monitoring Sites in Wyoming Compared with the NAAQS

Site Name	ID	County	Maximum 24-Hour Average PM ₁₀ (µg/m ³)				NAAQS (µg/m ³)
			2016	2017	2018	2019	
Boulder	56-035-0099	Sublette	40	55	80	26	150
Cheyenne NCore	56-021-0100	Laramie	34	117	59	65	150
Daniel South	56-035-0100	Sublette	27	55	82	21	150
Gillette	56-005-1002	Campbell	40	48	44	33	150
Lander	56-013-1003	Fremont	30	41	50	47	150
Moxa Arch	56-037-0300	Sweetwater	41	94	81	21	150
Murphy Ridge	56-041-0101	Uinta	42	51	64	23	150
Rock Springs	56-037-0007	Sweetwater	41	91	50	36	150
Wamsutter	56-037-0020	Sweetwater	32	61	41	25	150
	56-035-0099	Sublette	40	55	80	26	150

Source: REF 1018

NAAQS - National Ambient Air Quality Standards

PM₁₀ - particulate matter less than 10 microns in diameter

µg/m³ - micrograms per cubic meter

PM₁₀ concentrations are often heavily influenced by wildfire activity in the region as well as transport from areas outside of Wyoming. Therefore, while there are no violations of the PM₁₀ NAAQS, PM₁₀ is an air quality concern for the region.

Recent PM_{2.5} data are available for two monitoring sites within the region. The NAAQS for PM_{2.5} include (1) the 24-hour PM_{2.5} NAAQS, which requires the 3-year average of the 98th percentile 24-hour average PM_{2.5} concentration to be less than 35 µg/m³; and (2) the annual PM_{2.5} NAAQS, which requires the 3-year average of the annual average PM_{2.5} concentration to be less than 12 µg/m³. The 24-hour PM_{2.5} design values are listed in the table, below, as are the annual PM_{2.5} design values in the subsequent Table 7.

Table 3.7: 24-Hour PM_{2.5} Design Values for Monitoring Sites in WY Compare with the NAAQS

Site Name	ID	County	3-Year Average 98 th Percentile 24-Hour PM _{2.5} (µg/m ³) (2017-2019)	NAAQS (µg/m ³)
Cheyenne NCore	56-021-0100	Laramie	11	35
Lander	56-013-1003	Fremont	25	35
Pinedale	56-035-0101	Sublette	18	35
Rock Springs	56-037-0007	Sweetwater	19	35

Source: REF 1018

NAAQS - National Ambient Air Quality Standards

PM_{2.5} - particulate matter less than 2.5 microns in diameter

µg/m³ - micrograms per cubic meter

The 24-hour PM_{2.5} design values are below the NAAQS for both sites. The annual PM_{2.5} design values are also below the NAAQS for both sites (Table 8).

Table 3.8: Annual PM_{2.5} Design Values for Monitoring Sites in Wyoming Compared with the NAAQS

Site Name	ID	County	3-Year Average 98 th Percentile 24-Hour PM _{2.5} (µg/m ³) (2017-2019)	NAAQS (µg/m ³)
Cheyenne NCore	56-021-0100	Laramie	3.2	12
Lander	56-013-1003	Fremont	7.2	12
Pinedale	56-035-0101	Sublette	4.6	12
Rock Springs	56-037-0007	Sweetwater	5.1	12

Source: REF 1018

NAAQS - National Ambient Air Quality Standards

PM_{2.5} - particulate matter less than 2.5 microns in diameter

µg/m³ - micrograms per cubic meter

Refer to Sections 4.2 (page 4-5) and 4.22.3 of the ARMPA (beginning on page 4-488 for a discussion of potential impacts to Air Quality, and related values for the HDD, the CFO and the NFO. Refer to Section 4.2.4 (beginning on page 4-7) of the ARMPA FEIS for a discussion of potential impacts to air quality resulting from oil and gas development, including potential greenhouse gas emissions. The air emissions projections within the ARMPA for oil and gas development were calculated using the latest emissions estimates data from the BFO and LFO EISs (BLM 2010).

See Section 4.1.1 of the BFO RMP FEIS (beginning on page 650), Section 4.1.1 of the Bighorn Basin RMP FEIS (beginning on page 4-6), Section 4.1.1 of the LFO FEIS (beginning on pg. 593) for specific air quality impact analysis in these planning areas.

The administrative act of offering any of these parcels and the subsequent issuing of leases would have no direct impacts to air quality. Any potential effects to air quality would occur if the leases are developed. Any proposed development project would be subject to additional analysis of possible air effects before approval, when necessary. Potential impacts of development could include increased airborne particulates associated with the construction of new well pads, pipelines, or roads, exhaust emissions from drilling and completion equipment/activities, compressors, vehicles, and dehydration and separation facilities, as well as releases of GHG and volatile organic compounds during many of these activities. The following sources of emissions are anticipated during oil and gas development should the leases be issued and development proposed and found to be economic:

- combustion engines (e.g., fossil fuel-fired internal combustion engines used to supply electrical or hydraulic power for hydraulic fracturing to drive the pumps and rigs used to drill the well, drill out the

hydraulic stage plugs and run the production tubing in the well; generators to power drill rigs, pumps and other equipment; compressors used to increase the pressure of the oil or gas for transport and use; tailpipe emissions from vehicles transporting equipment to the site),

- venting (e.g., fuel storage tanks, vents, and pressure control equipment),
- mobile emissions (e.g., vehicles bringing equipment, personnel or supplies to the location), and
- fugitive sources (e.g., pneumatic valves, tank leaks, dust).

Pollutants associated with the combustion of fossil fuels anticipated to be released during drilling/completion operations include: CO, NO_x, SO_x, PM, CO₂, CH₄ and N₂O. Venting may release VOCs/HAPs, H₂S, and CH₄. The volume of increased emissions cannot be quantified with a high degree of certainty at this time since it is unknown how many wells or what type (oil, gas or both) may be proposed for development, the types of equipment needed if a well were to be put into production (e.g., compressor, separator, dehydrator), or what technologies may be employed by a given company. The degree of impact will also vary according to the characteristics of the geologic formations from which production occurs.

During the completion phase, the principal pollutants emitted are VOCs, HAPs, particulate matter and NO₂, VOCs and NO_x contribute to the formation of ozone. During well completion, injected fracturing fluids, formation fluids and reservoir gas are flowed back to the surface. The flowback of formation fluids and reservoir gas will include additional VOCs and methane, along with hazardous air pollutants such as benzene, ethylbenzene, and n-hexane. Pollution also may be emitted from other processes and equipment during production and transportation of oil and gas from the well to a processing facility. Refer to Appendix 5.1, (Hydraulic Fracturing White Paper) for more information, which is incorporated by reference.

3.3 Greenhouse Gas Emissions

The proposed leasing action could lead to emissions of carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O), the three most common greenhouse gases associated with oil and gas development. These GHG emissions would be emitted from leased parcels if developed, and from the consumption of any fluid minerals that may be produced. However, the BLM cannot reasonably determine at the leasing stage whether, when, and in what manner a lease would be explored or developed. The uncertainty that exists at the time the BLM offers a lease for sale includes crucial factors that would affect actual GHG emissions and associated impacts, including but not limited to the future feasibility of developing the lease, well density, geological conditions, development type (vertical, directional, or horizontal), hydrocarbon characteristics, specific equipment used during construction, drilling, production, abandonment operations, production and transportation, and potential regulatory changes over the 10-year primary lease term.

For the purposes of this analysis, the BLM has evaluated the potential effects of the proposed leasing action on climate change by estimating and analyzing potential GHG emissions from projected oil and gas development on the parcels proposed for leasing using estimates based on past oil and gas development and available information from existing development within the State.

Additional discussion of climate change science and predicted impacts as well as the reasonably foreseeable and cumulative GHG emissions associated with BLM's oil and gas leasing actions are included in the *BLM Specialist Report on Annual Greenhouse Gas Emissions and Climate Trends (2020)* (hereinafter referred to as the Annual GHG Report). This report presents the estimated emissions of greenhouse gases attributable to fossil fuels produced on lands and mineral estate managed by the BLM. The Annual GHG Report is incorporated by reference as an integral part of the analysis for this proposed lease sale and is available at <https://www.co.blm.gov/AirResourcesReport/ghg/>.

Climate change is a global process that is affected by the sum total of GHGs in the Earth's atmosphere. The incremental contribution to global GHGs from a single proposed land management action cannot be accurately translated into its potential effect on global climate change or any localized effects in the area specific to the action. Currently, global climate models are unable to forecast local or regional effects on resources. However, there are general projections regarding potential impacts on natural resources and plant and animal species that may be attributed to climate change from GHG emissions over time. GHGs influence the global climate by increasing the amount of solar energy retained by land, water bodies, and the atmosphere. GHGs can have long atmospheric

lifetimes, which allows them to become well mixed and uniformly distributed over the entirety of the Earth's surface no matter their point of origin. Therefore, potential emissions from the proposed action can be compared to state, national and global GHG emission totals to provide context of their significance and potential contribution to climate change impacts.

Table 3.9 shows the total estimated GHG emissions from fossil fuels at the global and national scales over the last five years. Emissions are shown in megatonnes (Mt) per year of carbon dioxide equivalent (CO₂e). Chapter 3 of the Annual GHG Report contains additional information on greenhouse gases and an explanation of CO₂e. Table 3.10 shows GHG emissions data from the largest greenhouse gas emitting facilities as reported to the U.S. Environmental Protection Agency (EPA) through its Greenhouse Gas Reporting Program (GHGRP) for those states associated with this potential leasing action. Table 3.10 also shows energy-related CO₂ emissions reported by the U.S. Energy Information Administration (EIA) in its annual State Energy-Related Carbon Dioxide Emissions Tables (EIA, 2021a). State energy-related CO₂ emissions include emissions from fossil fuel use across all sectors (residential, commercial, industrial, transportation, and electricity generation) and are released at the location where the fossil fuels are consumed.

Additional information on current state, national, and global GHG emissions as well as the methodology and parameters for estimating emissions from BLM fossil fuel authorizations and cumulative GHG emissions is included in the Annual GHG Report (see Chapters 4, 5, and 6).

Table 3.9. Global and U.S. GHG Emissions 2015-2019 (Mt CO₂/yr)

Scale	2015	2016	2017	2018	2019
Global	52,700	52,800	53,500	55,300	59,100
U.S.	5,249	5,153	5,083	5,244	5,107

Source: Annual GHG Report, Ch.6, Table 6-1
Mt (megatonne) = 1 million tons

Table 3.10. State GHG Emissions

State	EPA – GHGRP Large Emitters (Mt CO ₂ /yr)			EIA Energy-related CO ₂ Emissions (Mt/yr)
	Total Reported	Power Plants	Petroleum and Natural Gas Systems	
WY	54.5	39.1	5.2	63.6

Source: Annual GHG Report, CH. 6, Table 6-3; Energy Information Administration

The continued increase of anthropogenic GHG emissions over the past 60 years has contributed to global climate change impacts. A discussion of past, current, and projected future climate change impacts is described in Chapters 8 and 9 of the Annual GHG Report. These chapters describe currently observed climate impacts globally, nationally, and in each State, and present a range of projected impact scenarios depending on future GHG emission levels. These chapters are incorporated by reference in this analysis.

Under the No Action Alternative, the parcel(s) would not be leased, and no new foreseeable oil and gas development would occur on the subject lease parcels. As a result, no new GHG emissions from the development of these lease parcels would occur and no emissions from development activities on the parcels would contribute to national and global GHG emissions that influence climate change.

EIA studies regarding short-term “supply disruptions” suggest that reducing domestic supply (in the near-term under the current supply / demand scenario) would lead to the import of more oil and natural gas from other countries, including countries with lower environmental and emission control standards than the United States. The EIA 2021 AEO long-term energy outlook for the high U.S. domestic natural gas supply scenario describes a potential 1.2% growth in natural gas-related GHG emissions for the power sector through year 2050 and an almost 3% decline in coal-related emissions over the 30-year period. For the EIA projected low oil and gas supply scenario, power sector related GHG emissions are reduced for both natural gas and coal through the period, though at a smaller relative

percentage for coal, resulting in coal-related emissions still being higher than those associated with natural gas at year 2050. (U.S. Energy Information Administration 2021).

While the leasing action itself does not directly generate GHG emissions, such emissions are a reasonably foreseeable consequences of oil and gas development. There are three general phases of post-lease development that would generate GHG emissions that include 1) well development (well site construction, well drilling, and well completion), 2) production operations (processing, storage, and transport/distribution), and 3) end-use (combustion) of the fuels produced.

The BLM cannot develop a precise emissions inventory at the leasing stage due to uncertainties including the type (oil, gas, or both) scale, and duration of potential development, the types of related equipment (drill rig engine tier rating, horsepower, fuel type), and the mitigation measures that a future lessee may propose in their development plan. In order to estimate reasonably foreseeable on-lease emissions at the leasing stage, the BLM uses estimated well numbers based on State data for past lease development combined with per-well drilling, development, and operating emissions data from representative wells in the area. The amount of oil or gas that may be produced if the offered parcels are developed is unknown. For purposes of estimating production and end-use emissions, reasonably foreseeable wells are assumed to produce oil and gas in similar amounts as existing nearby wells. While the BLM has no authority to direct or regulate the end-use of the products, for this analysis, the BLM assumes all produced oil or gas will be combusted (such as for domestic heating or energy production). The BLM acknowledges that there may be additional sources of GHG emissions along the distribution, storage, and processing chains (commonly referred to as midstream operations) associated with production from the lease parcels. These sources may include emissions of methane (a more potent GHG than CO₂ in the short term) from pipeline and equipment leaks, storage, and maintenance activities. At the leasing stage, these sources of emissions are highly speculative, and the BLM has therefore chosen to assume, for the purposes of this analysis, that all produced oil or gas will be combusted. We note, however, that the potential emissions from these sources have been estimated and are accounted for in the cumulative assessment of GHGs from BLM's fossil fuel leasing program.

The emissions used in this analysis are estimated as described above using the BLM Lease Sale Emissions Tool. Emissions are presented for each of the three phases described above.

- Well development emissions occur over a short period and include heavy equipment and vehicle exhaust, drill rig engine emissions, completion equipment, pipe venting, and emissions from any well treatments such as hydraulic fracturing that may be used.
- Production operations and end-use emissions occur over the entire production life of a well, which is assumed to be 30 years for this analysis based on the productive life of a typical oil/gas field. Production emissions may result from storage tank breathing and flashing, truck loading, pump engines, heaters and dehydrators, pneumatic instruments or controls, flaring, fugitives, and vehicle exhaust.
- End-use emissions occur from the downstream combustion of produced oil or gas. End-use emissions are estimated by multiplying the estimated ultimate recovery (EUR) of produced oil and gas with emissions factors for combustion established by the EPA (Tables C-1 and C-2 to Subpart C of 40 CFR § 98). Additional information on emission factors and EUR factors can be found in the Annual GHG Report (Chapter 4). Tables 3.11 and 3.12 list the estimated direct and indirect GHG emissions in metric tons (tonnes) for Alternative 2 (Proposed Action) over the average 30-year production life of the lease, while Tables 3.13 and 3.14 list the estimated direct and indirect GHG emissions for Alternative 3 (Modified Proposed Action) over the average 30-year production life of the lease.

Table 3.11. Alternative 2 (Proposed Action) Estimated Life of Lease Emissions (On-Site) from Well Development and Production Operations (Metric tonnes)

Activity	CO ₂	CH ₄	N ₂ O	CO ₂ e (100-yr)	CO ₂ e (20-yr)
Well Development	804,150	458.65	6.386	819,561	843,731
Production Operations	11,795,536	167,427.00	22.785	16,791,081	25,614,484

Source: BLM Lease Sale Emissions Tool

Table 3.12. Alternative 2 (Proposed Action) Estimated Life of Lease Indirect Emissions from End-Use Combustion of Produced Oil and Gas (Metric tonnes)

	EUR (bbl or mcf)	CO ₂	CH ₄	N ₂ O	CO ₂ e (100-yr)	CO ₂ e (20-yr)
Oil	37,814,602	16,337,188	657.52	131.504	16,392,682	16,427,334
Gas	695,854,748	37,882,026	713.95	71.395	37,922,793	37,960,418
Total End-Use	-	54,219,214	1,371.47	202.899	54,315,475	54,387,751

Source: BLM Lease Sale Emissions Tool

Table 3.13. Alternative 3 (Modified Proposed Action) Estimated Life of Lease Emissions (On-Site) from Well Development and Production Operations (Metric tonnes)

Activity	CO ₂	CH ₄	N ₂ O	CO ₂ e (100-yr)	CO ₂ e (20-yr)
Well Development	342,868	195.55	2.723	349,439	359,745
Production Operations	5,029,306	71,386.46	9.715	7,159,274	10,921,340

Source: BLM Lease Sale Emissions Tool

Table 3.14. Alternative 3 (Modified Proposed Action) Estimated Life of Lease Indirect Emissions from End-Use Combustion of Produced Oil and Gas (Metric tonnes)

	EUR (bbl or mcf)	CO ₂	CH ₄	N ₂ O	CO ₂ e (100-yr)	CO ₂ e (20-yr)
Oil	16,123,149	6,965,746	280.35	56.070	6,989,407	7,004,182
Gas	296,694,112	16,151,897	304.41	30.441	16,169,279	16,185,321
Total End-Use	-	23,117,643	584.76	86.511	23,158,686	23,189,503

Source: BLM Lease Sale Emissions Tool

GHG emissions vary annually over the production life of a well due to declining production over time. Table 3.15 provides maximum year and average year emissions over the life of the lease for Alternative 2, while Table 3.16 provides the same information for Alternative 3.

Table 3.15. Alternative 2 (Proposed Action) Estimated Direct and Indirect Emissions from Lease Parcels on an Annual and Life of Lease Basis (Metric tonnes)

	CO ₂	CH ₄	N ₂ O	CO ₂ e (100-yr)	CO ₂ e (20-yr)
Max Year	4,506,800	5,733.20	17.764	4,682,499	4,984,639
Average Year	1,713,305	4,339.93	5.950	1,844,259	2,072,974
Life of Lease	66,818,900	169,257.11	232.069	71,926,117	80,845,967

Source: BLM Lease Sale Emissions Tool

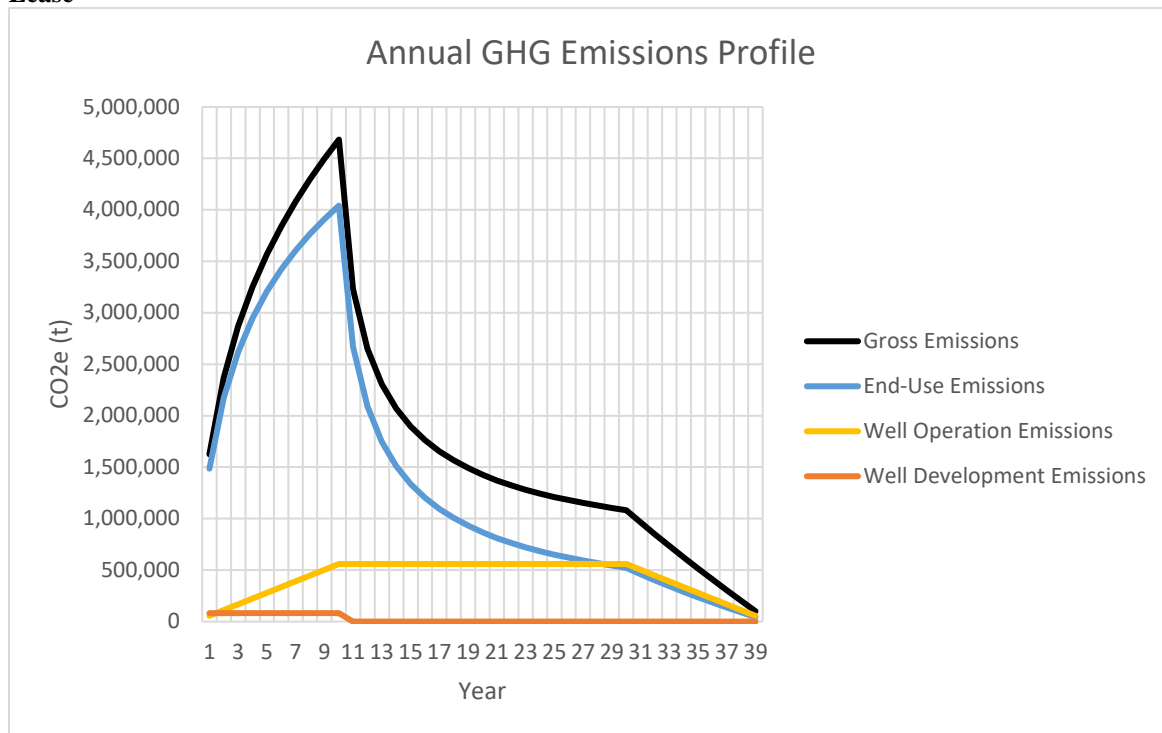
Table 3.16. Alternative 3 (Modified Proposed Action) Estimated Direct and Indirect Emissions from Lease Parcels on an Annual and Life of Lease Basis (Metric tonnes)

	CO ₂	CH ₄	N ₂ O	CO ₂ e (100-yr)	CO ₂ e (20-yr)
Max Year	1,921,581	2,444.49	7.574	1,996,494	2,125,319
Average Year	730,508	1,850.43	2.537	786,344	883,861
Life of Lease	28,489,817	72,166.77	98.948	30,667,399	23,189,503

Source: BLM Lease Sale Emissions Tool

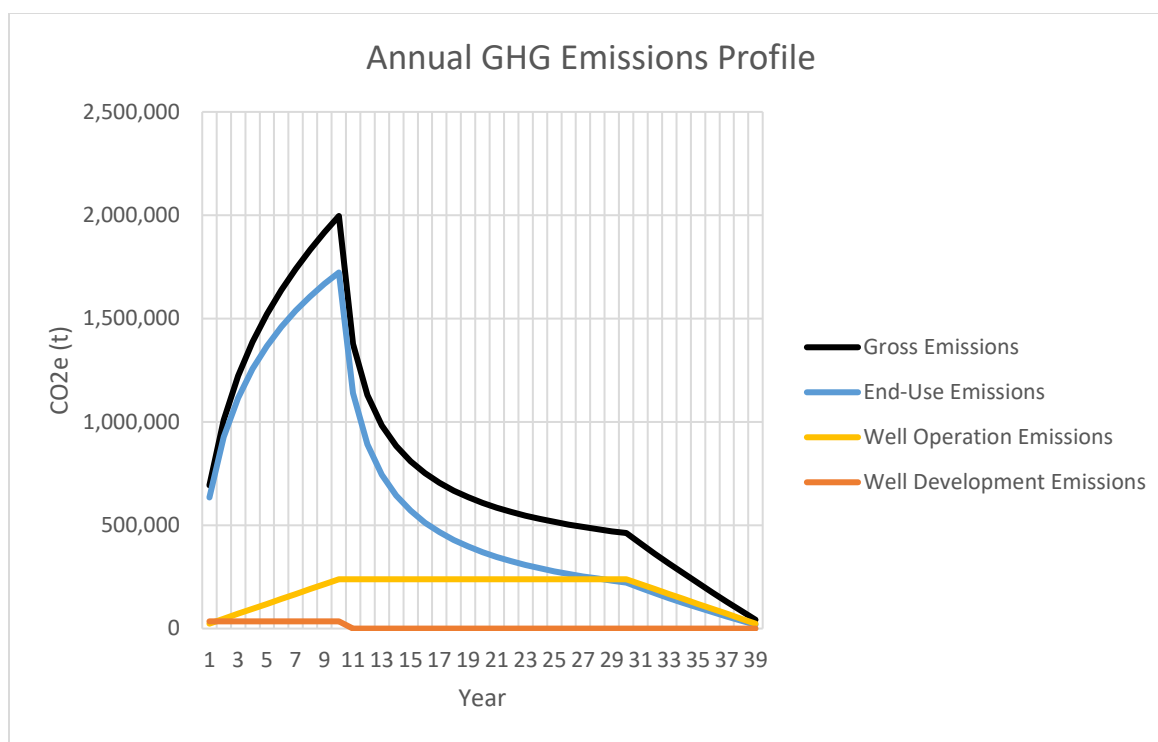
Figure 3-1 shows the estimated annual GHG emissions profile for Alternative 2 over the production life of a typical lease including well development, well operation, end-use, and gross (total of well development, well production, and end-use) emissions. Figure 3-2 shows the estimated annual GHG emission profile for Alternative 3 over the production life of a typical lease.

Figure 3-1. Alternative 2 (Proposed Action) Estimated Annual GHG Emissions Profile Over the Life of a Lease



Source: BLM Lease Sale Emissions Tool

Figure 3-2. Alternative 3 (Modified Proposed Action) Estimated Annual GHG Emissions Profile Over the Life of a Lease



Source: BLM Lease Sale Emissions Tool

In order to put the estimated GHG emissions for this lease sale in context, potential emissions that could result from development of the lease parcels for this sale can be put into relatable terms by comparing to other common activities that generate GHG emissions as well as to emissions at state and national scales. The EPA GHG equivalency calculator can be used (<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>) to express the potential average year GHG emissions on a scale relatable to everyday life. For instance, the projected average annual GHG emissions from expected development following the proposed lease sale are equivalent to 400,926 gasoline-fueled passenger vehicles driven for one year, or the emissions that could be avoided by operating 384 wind turbines as an alternative energy source or offset by the carbon sequestration of 2,249,097 acres of forest land.

Tables 3.17 and 3.18 compare the estimated maximum and average annual lease-sale emissions to existing State GHG emissions, federal BLM fossil fuel (oil, gas, and coal) emissions, and U.S. fossil fuel and total GHG emissions reported in the EPA Inventory of U.S. GHG Emissions and Sinks: 1990-2019 for Alternative 2 and Alternative 3, respectively.

Table 3.17. Comparison of Lease Sale Annual Emissions to Other Sources (megatonnes)

Reference	Mt CO ₂ e ¹ (Per Year)	Average Year % of Reference	Max Year % of Reference
Max Year	4.682	-	-
Average Year	1.844	-	-
WY Federal (O&G)²	119.4	1.545%	3.923%
WY Federal (O&G and Coal)²	513.1	0.359%	0.913%
U.S. Federal (O&G)²	427.7	0.431%	1.095%
U.S. Federal O&G and Coal)²	918.6	0.201%	0.510%
U.S. Total (all sectors)³	6,576.1	0.028%	0.071%

1 – Estimates are based on 100-GWP values provided by AR-5

2 – Federal values come from the BLM Specialist Report on Annual Greenhouse Gas Emissions Table ES-1

3 – U.S. Total Values comes from the EPA Inventory of U.S. GHG Emissions and Sinks: 1990-2019; <https://cfpub.epa.gov/ghgdata/inventoryexplorer/#allsectors/allsectors/allgas/gas/current>

Table 3.18. Alternative 3 (Modified Proposed Action) Comparison of Lease Sale Annual Emissions to Other Sources (megatonnes)

Reference	Mt CO ₂ e ¹ (Per Year)	Average Year % of Reference	Max Year % of Reference
Max Year	1.996	-	-
Average Year	0.786	-	-
WY Federal (O&G) ²	119.4	0.659%	1.673%
WY Federal (O&G and Coal) ²	513.1	0.153%	0.389%
U.S. Federal (O&G) ²	427.7	0.184%	0.467%
U.S. Federal O&G and Coal) ²	918.6	0.086%	0.217%
U.S. Total (all sectors) ³	6,576.1	0.012%	0.030%

1 – Estimates are based on 100-GWP values provided by AR-5

2 – Federal values come from the BLM Specialist Report on Annual Greenhouse Gas Emissions Table ES-1

3 – U.S. Total Values comes from the EPA Inventory of U.S. GHG Emissions and Sinks: 1990-2019; <https://cfpub.epa.gov/ghgdata/inventoryexplorer/#allsectors/allsectors/allgas/gas/current>

Tables 3.19 and 3.20 compare emission estimates over the 30-year life of the lease compared to the 30-year projected Federal emissions in the state and nation from existing wells, the development of approved APDs, and emissions related to reasonably foreseeable lease actions.

Table 3.19. Alternative 2 (Proposed Action) Comparison of the Life of Lease Emissions to Other Federal Oil and Gas Emissions from Existing Wells, Development of Approved APDs, and Other Leasing Actions in the State and Nation

Reference	MT CO ₂ e (100-yr)	Life of Lease % of Reference
Life of Lease	71.926	100.000%
Reasonably Foreseeable Short-term Federal (O&G)	1,187.680	6.056%
EIA Projected Long-term Federal (O&G)	4,574.756	1.572%
U.S. Short-term Federal (O&G)	4,307.510	1.670%
U.S. Long-term Federal (O&G)	13,958.908	0.515%

Source: U.S. and Federal emissions from BLM Lease Sale Emissions Tool and Annual GHG Report Tables 5-17 and 5-18

Table 3.20. Comparison of the Life of Lease Emissions to Other Federal Oil and Gas Emissions from Existing Wells, Development of Approved APDs, and Other Leasing Actions in the State and Nation

Reference	MT CO ₂ e (100-yr)	Life of Lease % of Reference
Life of Lease	30.667	100.000%
Reasonably Foreseeable Short-term Federal (O&G)	1,187.680	2.582%
EIA Projected Long-term Federal (O&G)	4,574.756	0.670%
U.S. Short-term Federal (O&G)	4,307.510	0.712%
U.S. Long-term Federal (O&G)	13,958.908	0.220%

Source: U.S. and Federal emissions from BLM Lease Sale Emissions Tool and Annual GHG Report Tables 5-17 and 5-18

Compared to emissions from other existing and foreseeable Federal oil and gas development, the life of lease emissions for Alternative 2 (Proposed Action) is between 0.359% to 0.913% of Federal fossil fuel authorization emissions in the state and between 0.201% to 0.510% of Federal fossil fuel authorization emission in the nation. Whereas under Alternative 3 (Modified Proposed Action) the life of lease emissions is between 0.153% to 0.389% of Federal fossil fuel authorization emissions in the state and between 0.086% to 0.217% of Federal fossil fuel authorization emission in the nation.

In summary, potential GHG emissions from the Alternative 2 (Proposed Action) could result in GHG emissions of 71.926 MT CO₂e over the life of the lease, while potential GHG emissions from Alternative 3 (Modified Proposed Action) could result in 30.667 MT CO₂e over the life of the lease.

3.3.1 Monetized Impacts from GHG Emissions

The “social cost of carbon”, “social cost of nitrous oxide”, and “social cost of methane” – together, the “social cost of greenhouse gases” (SC-GHG) are estimates of the monetized damages associated with incremental increases in GHG emissions in a given year.

On January 20, 2021, President Biden issued E.O. 13990, *Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis*.¹ Section 1 of E.O. 13990 establishes an Administration policy to, among other things, listen to the science; improve public health and protect our environment; ensure access to clean air and water; reduce greenhouse gas emissions; and bolster resilience to the impacts of climate change.² Section 2 of the E.O. calls for Federal agencies to review existing regulations and policies issued between January 20, 2017, and January 20, 2021, for consistency with the policy articulated in the E.O. and to take appropriate action.

Consistent with E.O. 13990, the Council on Environmental Quality (CEQ) rescinded its 2019 “Draft National Environmental Policy Act Guidance on Considering Greenhouse Gas Emissions” and has begun to review for update its “Final Guidance for Federal Departments and Agencies on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change in National Environmental Policy Act Reviews” issued on August 5, 2016 (2016 GHG Guidance).³ While CEQ works on updated guidance, it has instructed agencies to consider and use all tools and resources available to them in assessing GHG emissions and climate change effects including the 2016 GHG Guidance.⁴

Regarding the use of Social Cost of Carbon or other monetized costs and benefits of GHGs, the 2016 GHG Guidance noted that NEPA does not require monetizing costs and benefits.⁵ It also noted that “the weighing of the merits and drawbacks of the various alternatives need not be displayed using a monetary cost-benefit analysis and should not be when there are important qualitative considerations.”⁶

Section 5 of E.O. 13990 emphasized how important it is for federal agencies to “capture the full costs of greenhouse gas emissions as accurately as possible, including by taking global damages into account” and established an Interagency Working Group on the Social Cost of Greenhouse Gases (the “IWG”).⁷ In February of 2021, the IWG published *Technical Support Document: Social Cost of Carbon, Methane, and Nitrous Oxide: Interim Estimates under Executive Order 13990* (IWG, 2021).⁸ This is an interim report that updated previous guidance from 2016. The final report is expected in January 2022.

In accordance with this direction, this subsection provides estimates of the monetary value of changes in GHG emissions that could result from selecting each alternative. Such analysis should not be construed to mean a cost determination is necessary to address potential impacts of GHGs associated with specific alternatives. These numbers were monetized; however, they do not constitute a complete cost-benefit analysis, nor do the SC-GHG numbers present a direct comparison with other impacts analyzed in this document. For instance, the BLM’s overall economic analysis for this lease sale does not monetize most of the major costs or benefits and does not include all revenue streams from the proposed action but seeks to quantify certain impacts related to employment numbers and

¹ 86 FR 7037 (Jan. 25, 2021).

² *Id.*, sec. 1.

³ 86 FR 10252 (February 19, 2021).

⁴ *Id.*

⁵ 2016 GHG Guidance, p. 32, available at: https://ceq.doe.gov/docs/ceq-regulations-and-guidance/nepa_final_ghg_guidance.pdf

⁶ *Id.*

⁷ E.O. 13990, Sec. 5.

⁸ https://www.whitehouse.gov/wp-content/uploads/2021/02/TechnicalSupportDocument_SocialCostofCarbonMethaneNitrousOxide.pdf

labor income. SC-GHG is provided only as a useful measure of the benefits of GHG emissions reductions to inform agency decision-making.

For Federal agencies, the best currently available estimates of the SC-GHG are the interim estimates of the social cost of carbon dioxide (SC-CO₂), methane (SC-CH₄), and nitrous oxide (SC-N₂O) developed by the Interagency Working Group (IWG) on the SC-GHG. Select estimates are published in the Technical Support Document (IWG 2021)⁹ and the complete set of annual estimates are available on the Office of Management and Budget's website¹⁰.

The IWG's SC-GHG estimates are based on complex models describing how GHG emissions affect global temperatures, sea level rise, and other biophysical processes; how these changes affect society through, for example, agricultural, health, or other effects; and monetary estimates of the market and nonmarket values of these effects. One key parameter in the models is the discount rate, which is used to estimate the present value of the stream of future damages associated with emissions in a particular year. A higher discount rate assumes that future benefits or costs are more heavily discounted than benefits or costs occurring in the present (i.e., future benefits or costs are a less significant factor in present-day decisions). The current set of interim estimates of SC-GHG have been developed using three different annual discount rates: 2.5%, 3%, and 5% (IWG 2021).

As expected with such a complex model, there are multiple sources of uncertainty inherent in the SC-GHG estimates. Some sources of uncertainty relate to physical effects of GHG emissions, human behavior, future population growth and economic changes, and potential adaptation (IWG 2021). To better understand and communicate the quantifiable uncertainty, the IWG method generates several thousand estimates of the social cost for a specific gas, emitted in a specific year, with a specific discount rate. These estimates create a frequency distribution based on different values for key uncertain climate model parameters. The shape and characteristics of that frequency distribution demonstrate the magnitude of uncertainty relative to the average or expected outcome.

To further address uncertainty, the IWG recommends reporting four SC-GHG estimates in any analysis. Three of the SC-GHG estimates reflect the average damages from the multiple simulations at each of the three discount rates. The fourth value represents higher-than-expected economic impacts from climate change. Specifically, it represents the 95th percentile of damages estimated, applying a 3% annual discount rate for future economic effects. This is a low probability, but high damage scenario, represents an upper bound of damages within the 3% discount rate model. The estimates below follow the IWG recommendations.

The SC-GHGs associated with estimated emissions from future potential development of the lease parcels are reported in Table 3.21 (Alternative 2) and Table 3.22 (Alternative 3). These estimates represent the present value (from the perspective of 2021) of future market and nonmarket costs associated with CO₂, CH₄, and N₂O emissions from potential well development and operations, and potential end-use, as described in Subsection 3.3.2. Estimates are calculated based on IWG estimates of social cost per metric ton of emissions for a given emissions year and BLM's estimates of emissions in each year. They are rounded to the nearest \$1,000. The estimates assume development will start in 2023 and end-use emissions complete in 2061, based on experience with previous lease sales.

⁹ IWG 2021. *Technical Support Document: Social Cost of Carbon, Methane, and Nitrous Oxide, Interim Estimates under Executive Order 13990*. Interagency Working Group on Social Cost of Greenhouse Gasses, February 2021.

¹⁰ <https://www.whitehouse.gov/omb/information-regulatory-affairs/regulatory-matters/#scghgs>

Table 3.21. Alternative 2 (Proposed Action) SC-GHG Associated with Future Potential Development

	Social Cost of GHG (2020\$)			
	Average Value, 5% discount rate	Average Value, 3% discount rate	Average Value, 2.5% discount rate	95 th Percentile Value, 3% discount rate
Development and Operations	\$ 206,134,000	\$ 751,671,000	\$ 1,124,671,000	\$ 2,203,904,000
End-Use	\$ 632,572,000	\$ 2,457,965,000	\$ 3,744,259,000	\$ 7,450,189,000
Total	\$ 838,706,000	\$ 3,209,636,000	\$ 4,868,930,000	\$ 9,654,093,000

Table 3.22. Alternative 3 (Modified Proposed Action) SC-GHG Associated with Future Potential Development

	Social Cost of GHG (2020\$)			
	Average Value, 5% discount rate	Average Value, 3% discount rate	Average Value, 2.5% discount rate	95 th Percentile Value, 3% discount rate
Development and Operations	\$ 87,890,000	\$ 320,493,000	\$ 479,530,000	\$ 939,687,000
End-Use	\$ 269,712,000	\$ 1,048,012,000	\$ 1,596,453,000	\$ 3,176,564,000
Total	\$ 357,602,000	\$ 1,368,505,000	\$ 2,075,983,000	\$ 4,116,251,000

3.3.2 Estimated GHG Emissions for Reasonably Foreseeable Environmental Trends and Planned Actions

The analysis of GHGs contained in this EA includes estimated emissions from those parcels being offered in this lease sale as described above. In addition to this lease sale, the BLM is offering parcels in six other BLM administrative units within the first quarter of 2022. The estimated GHG emissions from parcels being offered in each of those individual sales is contained in the associated EA for each sale. When analyzing the potential impacts from multiple lease sales, it is important to note that it is the actual production of fossil fuel commodities on leased parcels that generates GHG emissions and not the offering of acres or parcels for lease in a particular grouping of lease sales. Parcels offered in a lease sale may or may not be sold, and sold parcels may or may not go into production for several years, if at all. Typically, lease sales in different BLM administrative units are not offered on the same date and each administrative unit has discretion to defer its sale or defer or add parcels as a result of scoping and protests. The dynamic nature of the lease sale process and independence of each administrative unit for constructing its lease sales, precludes an analysis of potential GHG emissions that could occur from other lease sales that might occur in the same quarter. In addition, combining all of the offered parcels from multiple lease sales that may occur over a 3-month period, assuming all acres will be sold and produce immediately, and estimating GHG emissions from development on the offered acreage based on these assumptions would result in an inflated, unrealistic, quantity of estimated emissions that would not be useful to the decision maker and would not accurately inform the public of the magnitude of probable cumulative emissions and impacts.

An assessment of GHG emissions from BLM's fossil fuel authorizations including coal leasing and oil and gas development is included in the BLM Specialist Report on Annual GHG Emissions (referred to as Annual Report, see Chapter 5). The Annual Report includes estimates of reasonably foreseeable GHG emissions related to BLM lease sales anticipated during the calendar year, as well as the best estimate of emissions from ongoing production, and development of parcels sold in previous lease sales. It is, therefore, an estimate of cumulative GHG emissions from the BLM fossil fuel leasing program based on actual production and statistical trends.

The Annual Report provides an estimate of short-term and long-term GHG emissions from lease sale activity across the BLM. The short-term methodology presented in the Annual Report includes a trends analysis of (1) leased federal lands that are held-by-production, (2) approved applications for permit to drill (APDs), and (3) leased lands from competitive lease sales occurring over the next annual reporting cycle (12 months), to provide a 30-year projection of potential emissions from Federal lease actions over the next 12 months. The long-term methodology uses oil and gas production forecasts from the Energy Information Administration (EIA) to estimate GHG emissions out to 2050 that could occur from past, present, and future oil and gas development. These

analyses are the basis for projecting GHG emissions from lease parcels that are likely to go into production during the analysis period of the Annual Report and represent both a hard look at GHG emissions from fossil fuel leasing and the best available estimate of reasonably foreseeable cumulative emissions related to any one lease sale or set of quarterly lease sales. Table 3.23 shows the cumulative estimated GHG emissions from the development of the projected lease sale acres in 2021 using the methodology described above. The 5-year lease averages include all types of oil and gas development related leases, including leases granted under the Mineral Leasing Act as well as other authorities, that have been issued over the last five years. As such the projections made from the 5-year averages represent the potential for all types of future potential oil and gas leasing activity. However, they may also over-estimate the potential emissions from the 12-month cycle of competitive oil and gas leasing activities if the projected lease sale activity does not actually occur.

Table 3.23. Reasonably Foreseeable Projected Emissions

State (BLM Administrative Unit)	Annual Report Table 4-8 Projected Lease Acres 2021	Annual Report Figure 5-1 GHG Emissions from Projected Lease Acres 2021 (Mt CO ₂ e per year)
Alabama (ES)	1	0.00
Alaska	356,021	9.33
Arkansas (ES)	536	0.04
California	184	0.02
Colorado	67,268	10.21
Idaho	1,881	0.03
Kansas (ES)	287	0.02
Kentucky (ES)	37	0.01
Louisiana (ES)	9,334	2.59
Michigan (ES)	5,006	0.17
Mississippi (ES)	2,609	0.06
Montana	60,807	2.48
Nebraska (WY)	19	0.01
Nevada	155,583	0.29
New Mexico	38,926	22.90
North Dakota (MT)	2,477	0.07
Ohio (ES)	681	0.18
Oklahoma (NM)	2,052	0.05
South Dakota (MT)	1,543	0.02
Texas (NM)	1,602	0.09
Utah	141,832	9.13
West Virginia (ES)	42	0.01
Wyoming	562,985	88.87
Total	1,411,713	146.56

3.3.3 Mitigation Strategies

GHG emissions contribute to changes in atmospheric radiative forcing resulting in climate change impacts. GHGs act to contain solar energy loss by trapping longer wave radiation emitted from the Earth's surface and act as a positive radiative forcing component. The buildup of these gases has contributed to the current changing state of the climate equilibrium towards warming. Chapters 8 and 9 of the Annual Report provides a detailed discussion of climate change science, trends, and impacts. The relationship between

GHG emissions and climate impacts is complex, but a project's potential to contribute to climate change is reduced as its net emissions are reduced. When net emissions approach zero, the project has little or no contribution to climate change. Net-zero emissions can be achieved through a combination of controlling and offsetting emissions. Emission controls (e.g., vapor recovery devices, no-bleed pneumatics, leak detection and repair, etc.) can substantially limit the amount of GHGs emitted to the atmosphere, while offsets (e.g., sequestration, low carbon energy substitution, plugging abandoned or uneconomical wells, etc.) can remove GHGs from the atmosphere or reduce emissions in other areas. Chapter 10 of the Annual Report provides a more detailed discussion of GHG mitigation strategies.

The Federal government has issued regulations that will reduce GHG emissions from any development related to the proposed leasing action. These regulations include the New Source Performance Standard for Crude Oil and Natural Gas Facilities (49 CFR 60, subpart OOOOa) which imposes emission limits, equipment design standards and monitoring requirements on oil and gas facilities.

The BLM's regulatory authority is limited to those activities authorized under the terms of the lease, which primarily occur in the "upstream" portions of natural gas and petroleum systems. This decision authority is applicable when development is proposed on public lands and BLM assesses its specific location, design and proposed operation. In carrying out its responsibilities under NEPA, the BLM has developed Best Management Practices (BMPs) designed to reduce emissions from field production and operations. BMPs may include limiting emissions on stationary combustion sources, mobile combustion sources, fugitive sources, and process emissions occurring on a lease parcel. Analysis and approval of future development may include application of BMPs within BLM's authority, as Conditions of Approval, to reduce or mitigate GHG emissions. Additional measures developed at the project development stage also may be incorporated as applicant-committed measures by the project proponent or added to necessary air quality permits. Additional information on mitigation strategies, including emissions controls and offset options, are provided in the Annual GHG Report.

3.4 Water Resources

Surface water hydrology within the area is typically influenced by geology, soil characteristics, precipitation, and vegetation. Anthropogenic factors that currently affect surface water resources include livestock grazing management, private, commercial, and industrial development, recreational use, drought, and vegetation control treatments. Based on best available data, the vast majority of the nominated parcels are within the following HUC8 watersheds: Badwater, Big Sandy, Blacks Fork, Greybull, Little Powder, Lower Wind, Upper Bighorn, Upper Green, Upper Green-Flaming Gorge, and Upper Tongue. The remaining parcels are in the Crazy Woman, Lance, Lightning, Upper North Platte, and Upper Powder HUC8 units.

Groundwater hydrology within the area is influenced by geology and recharge rates. Groundwater quality and quantity can be influenced by precipitation, water supply wells and various disposal activities. Groundwater quality across the applicable field offices varies with depth from potable waters with low total dissolved solids (TDS) to highly saline, non-potable sources. Most of the groundwater in Wyoming is used for industrial, domestic and livestock/irrigation purposes. The information contained in Appendix 4.4, Hydraulic Fracturing White Paper (see section entitled *Operational Issues/Water Availability and Consumption Estimates*) is incorporated by reference.

Several parcels contain land with private surface overlying federal minerals (i.e., split-estate). The private surface lands have or have the potential to contain private residences and associated facilities such as domestic or stock water supply wells. Lands used as rangeland can also have stock water supply wells.

The act of offering, selling, and issuing federal oil and gas leases does not produce impacts to water resources. Subsequent development of a lease may lead to surface disturbance from the construction of well pads, access roads, pipelines, and powerlines, which can result in degradation of surface water quality and groundwater quality from point source pollution, nonpoint source pollution, increased surface water runoff and increased erosion. Alteration of natural drainage paths and channel morphology can also occur from surface disturbance associated with the installation of oil and gas wells. Removal of vegetation can also cause water erosion, leading to a loss of channel stability as well as an increase in sedimentation within drainages.

All parcels are subject to Standard Lease Notice No. 1 which requires at a minimum 500' offset from perennial surface waters and with site-specific analysis could require a greater offset requirement if site-specific impact analysis finds that it is warranted. Several parcels also contain specific stipulations for water resources (see Appendix 4.1).

Spills of materials used to drill/complete the wells and or produced formation fluids could result in contamination of the soil, and may potentially impact surface and groundwater resources in the long term if not detected and addressed.

Several techniques may be used in exploration and development operations to increase or enhance the flow of oil and gas. They include hydraulic fracturing and acid introduction to dissolve the formation matrix and create larger void space(s).

Without a discrete development proposal, the use of hydraulic fracturing in the oil and gas development process cannot be predicted. However, this EA incorporates by reference, in its entirety, the Hydraulic Fracturing White Paper included in Appendix 5.8. This document provides a general discussion of the hydraulic fracturing process and issues associated with its use.

The potential for negative impacts to groundwater caused from completion activities such as hydraulic fracturing, have not been confirmed but based on its history of use are not likely. A recent study completed on the Pinedale Anticline did not find a direct link to known detections of petroleum hydrocarbons to the hydraulic fracturing process. Groundwater contamination investigations have also been conducted at the Pavillion gas field and according to a November 7, 2016 fact sheet from the Wyoming Department of Environmental Quality, it is unlikely that the hydraulic fracturing activities have caused impacts to water supply wells (http://deq.wyoming.gov/media/attachments/Water%20Quality/Pavillion%20Investigation/Investigation%20Final%20Report/03_Fact-Sheet-for-the-Pavillion-Wyoming-Area-Domestic-Water-Wells-Final-%20Report.pdf).

Authorization of the proposed projects would require full compliance with local, state, and federal directives and stipulations that relate to surface and groundwater protection and the BLM would deny any APD who proposed drilling and/or completion process was deemed to not be protective of usable water zones as required by 43 CFR 3162.5-2(d).

Groundwater could be affected by multiple factors, including industrial, domestic, or agricultural activities through withdrawal, injection (including chemical injection), or mixing of materials from different geologic layers or the surface. Withdrawal of groundwater could affect local groundwater flow patterns and create changes in the quality or quantity of the remaining groundwater. Based on an evaluation of statewide groundwater availability, and the total projected number of wells to be drilled/completed on BLM administered lands, adequate water supplies are available and would not result in significant impacts on a regional basis even during drought conditions. Loss of a permitted source of groundwater supply due to drawdown would be considered a significant impact if it were to occur. This potential would be assessed at the development stage should a parcel be offered and a lease issued and subsequent development proposed. The drilling of horizontal wells, versus directional and vertical wells may initially appear to require a greater volume of water for drilling/completion purposes. However, a horizontal well develops a much larger area of the reservoir than a directional and/or vertical well and results in a lesser volume of fluids being required.¹¹

Information contained in Appendix 4.3, Hydraulic Fracturing White Paper, Section III, Potential Impacts to Usable Water zones (Appendix pages 210-213), is incorporated by reference. The information being incorporated by reference is generally summarized below. Impacts to the quality of groundwater, should they occur, would likely be limited to a near well bore location due to inferred groundwater flow conditions in the area of the parcels and based on studies completed in the Pinedale Anticline. Impacts to near well groundwater could occur from poor casing and/or cementing practices and the use of potentially hazardous materials within those formations containing freshwater and/or usable water zones. The materials proposed for use in the drilling program within freshwater and/or usable water zones are typically water based and would be protective of usable zones, both water quality and

¹¹ Vertical and directional wells can easily require one well per 10 acres resulting in 64 wells per section. This is in contrast to one horizontal well per 640 acres or one per 320 acres which results in a net decrease in total fluid volumes needed and in surface disturbance acreages.

formation integrity. If an operator proposed to use oil-based mud in their drilling program, their use is limited to the production formation and formations containing waters deemed to not be usable.

Exploration, development, and production of traditional oil and gas resources typically do not significantly deplete ground water on a regional basis but may have a limited, short-duration, near-well bore drawdown around the water supply well depending upon length and intensity of pumping activity. Oil and gas resources are often developed from geological reservoirs that do not contain significant amounts of freshwater with the exception of some CBM developed formations; however, the development and production of oil and gas can affect adjacent or nearby aquifers. Potential impacts result from the creation of artificial pathways between oil and gas reservoirs and adjacent aquifers. Modification of ground water flow paths may cause fresh ground water to contact oil or gas. In addition, improper disposal of waste waters (brine, storm runoff), drilling/completion fluids, and other wastes can impact the quality of underlying ground water (U.S EPA 1987).

A high risk of fluid migration exists along the vertical pathways created by inadequately constructed wells and unplugged inactive wells. Brine or hydrocarbons can migrate to overlying or underlying aquifers in such wells. Since the 1930s, most States have required that multiple barriers be included in well construction and abandonment to prevent migration of injected water, formation fluids, and produced fluids. These barriers include (1) setting surface casing below all known aquifers and cementing the casing to the surface, and (2) extending the casing from the surface to the production or injection interval and cementing the interval. Barriers that can be used to prevent fluid migration in abandoned wells include cement or mechanical plugs. They should be installed (1) at points where the casing has been cut, (2) at the base of the lowermost aquifer, (3) across the surface casing shoe, and (4) at the surface. Individual states, including Wyoming, and the BLM have casing programs for oil and gas wells to limit cross contamination of aquifers. Any proposed drilling/completion activities would have to comply with Onshore Order #2, 43 CFR § 3160 regulations, and not result in a violation of a Federal and/or State law. If these conditions were not met, the proposal would be denied. As such, no significant impacts to groundwater from the proposed action are expected.

The act of offering, selling, and issuing federal oil and gas leases does not produce impacts to watersheds. Subsequent development of a lease may result in long- and short-term alterations to the hydrologic regime depending upon the intensity and context of a specific proposal. Flows of perennial streams, ephemeral, intermittent rivers and streams and their associate could be directly affected in the short term by an increase in impervious surfaces resulting from the construction of the well pad and road. An increase in impervious surfaces provides for reduced infiltration which can then cause overland to move more quickly causing peak flow to potentially occur earlier, have a higher flow velocity and/or a larger volume than the channels are equipped for. Increased velocity and volume of peak flow can cause bank erosion, channel widening, downward incision, and disconnection from the floodplain. The potential hydrologic effect to low flow is reduced surface storage and groundwater recharge, which can then result in reduced base flow to perennial rivers and/or streams and potentially causing intermittent channels to become ephemeral. The direct impact would be that hydrologic processes may be altered where the perennial, ephemeral, and intermittent river and stream system responds by changing physical parameters, such as channel configuration. These changes may in turn impact water quality and ultimately the aquatic ecosystem through eutrophication, changes in water temperature, and/ or a change in the food structure.

Minor long-term impacts to the watershed and hydrology could continue for the life of surface disturbance from water discharge from roads, road ditches, and well pads, but would decrease once all well pads and road surfacing material has been removed and reclamation of well pads, access roads, pipelines, and powerlines have taken place. Interim reclamation of the portion of the well pad not needed for production operation, as well as re-vegetating the portion of the pad that is needed for production operations, as well as re-vegetating road ditches would reduce this long-term impact. Short-term impacts to the watershed and hydrology from access roads that are not surfaced with impervious materials would occur and would likely decrease in time due to reclamation efforts.

Water depletions connected hydrologically potentially affecting the Colorado or Platte River drainages may affect T&E aquatic species or their designated critical habitats and would therefore require consultation with USFWS, and applicable point-source discharges would require permits under the National Pollution Discharge Elimination System (NPDES) and approval by the BLM prior to disposal of water produced from federal oil and gas leases; potential impacts would be mitigated at that time.

Underground waste disposal is regulated under the Underground Injection Control (UIC) program, which was authorized under the Safe Drinking Water Act. If a drilling/completion proposal is found to not be protective of usable water zones, as required by 43 CFR § 3162.5-2(d) and Onshore Oil and Gas Order No. 2, the proposal could be denied by the BLM. Requirements for groundwater monitoring have been instituted throughout Wyoming by the WOGCC. This monitoring will add a level of certainty regarding the impacts of oil and gas drilling/completion activities on groundwater in Wyoming.

The use of practices such as but not limited to closed-loop mud systems or lined reserve pits would reduce or eliminate seepage of waste fluids into the soil and eventually reaching groundwater. The casing and cementing requirements imposed on proposed wells would reduce or eliminate the potential for groundwater contamination from drilling/completion/production fluids and other surface sources. Additionally, the use of closed-loop or semi-closed loop drilling systems may be required by the BLM (see BLM-Wyoming Instruction Memorandum WY-2012-007, “Management of Oil and Gas Exploration and Production Pits”).

Stormwater Pollution Prevention Plans (SWPPs) are required by the State of Wyoming before any surface disturbance associated with construction actions greater than 1 acre in size. Prior to authorization of surface disturbance on a lease, the BLM will require a Surface Use Plan of Operations be submitted to the BLM, and the BLM authorized officer may require additional erosion control measures to reduce the volume of surface runoff and subsequent sediment transport. Upon abandonment of the wells and/or when access roads are no longer in service, the BLM will require surface reclamation of the disturbed areas as described in Standard Lease Term No. 6 and in accordance with the approved APD or Sundry Notice.

3.5 Greater Sage-Grouse

Conservation of the Greater Sage-Grouse (*Centrocercus urophasianus*) and their habitats is a critical land-management issue for the BLM, the public, and the BLM’s partner agencies across the West.

The Greater Sage-Grouse currently occupies approximately about one-half of their historic distribution. On October 2, 2015, the U.S. Fish and Wildlife Service (FWS) published its finding that listing of the Greater Sage-Grouse under the Endangered Species Act of 1973 was not warranted. The FWS’s finding was based, in part, on the conservation strategies developed in Wyoming and other states which led the FWS to conclude that “the primary threats to greater sage-grouse have been ameliorated by conservation efforts implemented by Federal, State, and private landowners.” (80 FR 59858, dated October 2, 2015). As the FWS also acknowledged (id. at page 59882):

The key component of the Wyoming Plan is the application of State’s regulatory measures associated with the Wyoming Plan on all lands in Wyoming... The Federal Plans in the State incorporate the Wyoming strategy,^[12] thereby ensuring implementation of the strategy on Federal land surfaces and subsurface regardless of the need for a State permit (see further discussion below). The completion of the Federal plans also facilitates greater coordination between the State and Federal agencies in implementing and monitoring the Wyoming Plan. This addition to the Wyoming Plan further increases the value of this effort in conserving sage-grouse by covering all lands in the State with a single regulatory framework to reduce affects to sage-grouse in the most important habitats in the State. Therefore, the strategy conserves sage-grouse through an effective regulatory mechanism for conservation.

For BLM-administered public lands in Wyoming, the BLM incorporated the State’s Greater Sage-Grouse conservation strategy by revising and amending its RMPs. The State of Wyoming’s Core Area Protection strategy for Greater Sage-Grouse “is based on the principle that conservation of important habitat essential to the maintenance of Greater Sage-Grouse and activities important to the State’s economy are not mutually exclusive.” (State of Wyoming Governor’s Executive Order 2019-3, at Appendix A, page 5). The important habitat areas referred to in Executive Order (EO) 2019-3 are the Core Population Areas (CPAs), Connectivity Areas and Winter

¹² On August 1, 2008, the Wyoming Governor issued Executive Order 2008-2, establishing a “core population area strategy” for Greater Sage-grouse in Wyoming. This Executive Order has since been re-issued (June 2, 2011 as EO 2011-5; July 29, 2015 as EO 2015-4 and, most recently, on August 21, 2019 as EO 2019-3). The BLM and State of Wyoming use identical core population area boundaries; see https://eplanning.blm.gov/epl-front-office/projects/lup/36597/130805/159604/RMP_Maint_2017-001_Sage-Grouse_Core_V4.pdf

Concentration Areas designed by the State of Wyoming’s Sage-Grouse Implementation Team (SGIT). These CPAs encompass approximately 83% of the Greater Sage-Grouse population within the State (see 80 FR 59882) as identified by peak male lek attendance, and were mapped by the SGIT to:¹³

...assimilate[] the highest sage-grouse density areas identified [in published conservation studies] as they were identified as the most productive habitats for sage-grouse in Wyoming. In addition, the mapping of Core Areas considered current and potential energy development and encapsulated areas historically low in production [citation omitted]...

To assist in the implementation of the RMP management decisions, the BLM issued several Instruction Memorandums (IMs) to help provide guidance. One of these was Instruction Memorandum 2016-143 (IM-2016-143 - “Implementation of Greater Sage-grouse Resource Management Plan Revisions or Amendments -Oil & Gas Leasing and Development Sequential Prioritization”) which was issued on September 1, 2016. On December 27, 2017, IM 2016-143 was rescinded and replaced with IM No. 2018-026 (“Implementation of Greater Sage-grouse Resource Management Plan Revisions or Amendments -Oil & Gas Leasing and Development Prioritization Objective”). On March 15, 2019, the Wyoming Greater Sage-Grouse Approved Resource Management Plan Amendment and Record of Decision was signed. Through a District of Idaho court decision (*Western Watersheds Project et al v Schneider*, 1:16-cv-00083-BLW) BLM was enjoined from implementing the 2019 BLM Sage-Grouse Plan Amendments for Idaho, Wyoming, Colorado, Utah, Nevada/Northeastern California, and Oregon, until such time as the Court can adjudicate the claims on the merits. The 2015 Plans remain in effect during this time. On February 27, 2020, a separate court decision from the District of Idaho (*Western Watersheds Project et al v. Bernhardt*, 1:18-cv-00187-REB) enjoined certain provisions of the IM-2018-026 and replaced them with provisions from the IM-2010-117. Finally, a third case from the District of Montana (*Montana Wildlife Federation v. Bernhardt*, 4:18-cv-00069-BMM) vacated IM-2018-026. Due to these decisions, BLM WSO developed a new strategy to prioritize leasing within sage-grouse habitats, which is incorporated in this analysis.

Since the ARMPA indicated that prioritization would occur for leasing and development, along with the decisions from the court cases, the WSO has taken the following approach for this sale: 1) identify all parcels outside of sage-grouse habitat (parcels that are not completely or partially within GHMA or PHMA) and lease according to the appropriate stipulations from the field office RMP, 2) identify parcels that are completely within designated GHMA (if any portion of a GHMA parcel contained PHMA, the entire parcel was considered a PHMA parcel), and 3) identify which parcels are wholly or partially within PHMA. Table 2.2 (see Section 2.3 above) describes each parcel, its designated habitat type(s) and provides the ‘Evaluation Label’ for prioritization purposes.

Table 3.24: Greater Sage-Grouse Habitat Type and Analysis Evaluation Label

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
0388	717.80			717.80			X	PHMA
0404	880.00			880.00		X	X	PHMA
0410	1557.31			1557.31		X	X	PHMA
0420	1033.38			1033.38			X	PHMA
0431	960.00			960.00			X	PHMA
0433	2211.44			2211.44		X	X	PHMA
0434	671.68			671.68		X	X	PHMA
0437	640.00			640.00			X	PHMA
0438	802.64			802.64		X	X	PHMA
0440	600.00			600.00		X	X	PHMA
0441	709.21			709.21			X	PHMA
0451	120.00			120.00			X	PHMA
0455	520.00			520.00			X	PHMA
0461	1951.12			1951.12		X	X	PHMA

¹³ Gamo, R.S., and Beck, J.L., 2017, Effectiveness of Wyoming's sage-grouse core areas: Influences on energy development and male lek attendance: Environmental Management, v. 59, no. 2, p. 189-203.

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
0481	1199.92			1199.92		X	X	PHMA
0482	1218.54			1218.54		X	X	PHMA
0485	1764.88			1764.88		X	X	PHMA
0487	2119.92			2119.92		X	X	PHMA
0489	1153.41			1153.41		X	X	PHMA
0491	790.81			790.81		X	X	PHMA
0496	90.78			90.78		X	X	PHMA
0506	1000.00			1000.00		X	X	PHMA
0508	2206.41			2206.41		X	X	PHMA
0534	2079.84			2079.84			X	PHMA
0539	2200.00			2200.00			X	PHMA
0540	1600.00			1600.00			X	PHMA
0554	1600.00			1600.00			X	PHMA
0559	1925.52			1925.52			X	PHMA
0562	2559.54			2559.54			X	PHMA
0563	1922.00			1922.00			X	PHMA
0564	2540.96			2540.96			X	PHMA
0567	2551.32			2551.32			X	PHMA
0568	2524.40			2524.40			X	PHMA
0569	1920.00			1920.00			X	PHMA
0570	1162.59			1162.59			X	PHMA
0575	1200.00			1200.00			X	PHMA
0594	2074.16			2074.16		X	X	PHMA
0597	2082.00			2082.00		X	X	PHMA
0606	1691.58			1691.58		X	X	PHMA
0608	2558.16			2558.16		X	X	PHMA
0632	971.43			971.43			X	PHMA
0640	1244.15			1244.15			X	PHMA
0648	1280.00			1280.00		X	X	PHMA
0695	2520.00			2520.00			X	PHMA
0697	800.00			800.00		X	X	PHMA
0698	179.26			179.26			X	PHMA
0701	80.00			80.00		X	X	PHMA
0708	2560.00			2560.00			X	PHMA
0711	2554.76			2554.76			X	PHMA
0712	2193.78			2193.78			X	PHMA
0714	2157.85			2157.85			X	PHMA
0755	183.25			183.25			X	PHMA
0774	638.88			638.88		X	X	PHMA
0775	2519.64			2519.64			X	PHMA
0776	2398.44			2398.44			X	PHMA
0777	2540.97			2540.97			X	PHMA
0778	2391.20			2391.20			X	PHMA
0779	2240.16			2240.16			X	PHMA
0788	2552.10			2552.10			X	PHMA
0790	640.00			640.00			X	PHMA
0791	1880.00			1880.00			X	PHMA
0794	2560.00			2560.00			X	PHMA
0798	2440.00			2440.00			X	PHMA
0799	2560.00			2560.00			X	PHMA
0801	2477.96			2477.96			X	PHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
0803	2235.43			2235.43			X	PHMA
0805	2560.00			2560.00			X	PHMA
0806	2526.50			2526.50			X	PHMA
0807	2560.00			2560.00			X	PHMA
0809	1120.00			1120.00			X	PHMA
0810	2531.28			2531.28			X	PHMA
0812	1079.53			1079.53			X	PHMA
0813	2550.25			2550.25			X	PHMA
0814	2535.23			2535.23			X	PHMA
0815	2560.00			2560.00			X	PHMA
0816	2560.00			2560.00			X	PHMA
0861	160.00			160.00			X	PHMA
0862	40.00			40.00		X		GHMA
0864	836.37			836.37			X	PHMA
0865	240.82			240.82			X	PHMA
0866	40.00			40.00			X	PHMA
0868	2048.79			2048.79			X	PHMA
0869	1183.24			1183.24		X		GHMA
0870	1680.00			1680.00		X		GHMA
0875	150.65			150.65		X		GHMA
0876	2076.88			2076.88			X	PHMA
0878	1800.00			1800.00		X		GHMA
0881	1960.00			1960.00			X	PHMA
0882	1040.00			1040.00		X		GHMA
0885	2237.20			2237.20		X	X	PHMA
0886	120.10			120.10		X		GHMA
0890	2520.00			2520.00		X	X	PHMA
0895	2560.00			2560.00			X	PHMA
0903	642.02			642.02			X	PHMA
0904	2240.00			2240.00		X		GHMA
0911	1922.08			1922.08		X		GHMA
0918	2560.00			2560.00		X		GHMA
0923	1923.21			1923.21			X	PHMA
0924	40.00			40.00		X		GHMA
0932	632.19			632.19		X		GHMA
0934	118.70			118.70		X		GHMA
0935	40.00			40.00			X	PHMA
0936	80.00			80.00			X	PHMA
0937	517.06			517.06		X		GHMA
0938	80.00			80.00	X			Non
0939	80.95			80.95		X		GHMA
0940	82.59			82.59		X		GHMA
0942	205.27			205.27		X		GHMA
0943	160.93			160.93		X		GHMA
0945	751.39			751.39		X		GHMA
0946	800.00			800.00		X		GHMA
0947	1037.11			1037.11		X		GHMA
0948	794.81			794.81		X		GHMA
0950	884.88			884.88		X		GHMA
0953	320.00			320.00		X		GHMA
0955	840.00			840.00		X		GHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
0958	529.19			529.19		X		GHMA
0960	456.43			456.43		X		GHMA
0961	404.46			404.46		X		GHMA
0966	686.03			686.03		X		GHMA
0967	490.00			490.00		X		GHMA
0968	289.11			289.11		X		GHMA
0971	633.94			633.94		X		GHMA
0973	794.57			794.57		X		GHMA
0974	440.00			440.00		X		GHMA
0977	1121.43			1121.43		X		GHMA
0978	1927.75			1927.75		X		GHMA
0979	2240.00			2240.00		X		GHMA
0983	310.26			310.26		X		GHMA
0985	1802.60			1802.60			X	PHMA
0986	805.78			805.78		X		GHMA
0988	1280.00			1280.00		X	X	PHMA
1017	1520.00			1520.00			X	PHMA
1018	280.00			280.00		X		GHMA
1023	1920.12			1920.12		X		GHMA
1025	880.00			880.00		X		GHMA
1032	2456.76			2456.76		X		GHMA
1033	1080.00			1080.00		X		GHMA
1034	477.84			477.84		X	X	PHMA
1036	2453.01			2453.01		X		GHMA
1037	200.00			200.00		X	X	PHMA
1038	473.10			473.10			X	PHMA
1043	1971.94			1971.94		X		GHMA
1049	2560.00			2560.00			X	PHMA
1050	2515.98			2515.98			X	PHMA
1054	1316.71			1316.71		X		GHMA
1057	960.00			960.00		X	X	PHMA
1059	960.00			960.00			X	PHMA
1062	200.00			200.00			X	PHMA
1063	640.00			640.00		X	X	PHMA
1064	640.00			640.00			X	PHMA
1065	320.00			320.00			X	PHMA
1066	400.00			400.00		X	X	PHMA
1073	2560.00			2560.00			X	PHMA
1074	673.29			673.29		X		GHMA
1076	1040.00			1040.00		X		GHMA
1077	803.92			803.92		X		GHMA
1079	800.00			800.00			X	PHMA
1081	1348.82			1348.82	X	X		GHMA
1083	841.19			841.19		X		GHMA
1086	880.00			880.00	X	X		GHMA
1091	920.00			920.00	X			Non
1093	1996.20			1996.20			X	PHMA
1096	237.61			237.61		X		GHMA
1097	1134.35			1134.35		X		GHMA
1100	80.00			80.00			X	PHMA
1101	280.00			280.00			X	PHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
1107	520.00			520.00	X	X		GHMA
1110	597.05			597.05		X		GHMA
1113	80.00			80.00	X			Non
1114	706.40			706.40	X	X		GHMA
1115	1792.78			1792.78			X	PHMA
1123	1120.00			1120.00		X	X	PHMA
1124	2160.00			2160.00			X	PHMA
1129	791.02			791.02			X	PHMA
1130	40.16			40.16		X		GHMA
1131	35.64			35.64		X		GHMA
1132	20.94			20.94		X		GHMA
1142	440.00			440.00			X	PHMA
1143	640.00			640.00			X	PHMA
1144	320.00			320.00			X	PHMA
1145	280.00			280.00			X	PHMA
1146	303.36			303.36			X	PHMA
1151	280.00			280.00		X		GHMA
1152	640.00			640.00		X		GHMA
1154	622.92			622.92		X		GHMA
1156	816.56			816.56		X		GHMA
1157	640.00			640.00		X		GHMA
1158	440.00			440.00		X		GHMA
1159	640.00			640.00		X		GHMA
1160	640.00			640.00		X		GHMA
1162	400.00			400.00		X	X	PHMA
1183	201.35			201.35		X		GHMA
1184	435.75		195.65	240.11			X	PHMA
1185	278.16		38.17	239.99			X	PHMA
1186	1276.16		955.85	320.31			X	PHMA
1187	1917.02		1556.34	360.68			X	PHMA
1188	2544.13			2544.13		X		GHMA
1189	793.06	793.06						DELETE
1190	2316.62			2316.62		X	X	PHMA
1197	1520.00			1520.00		X		GHMA
1201	1533.04			1533.04		X		GHMA
1202	908.63			908.63			X	PHMA
1203	2026.87			2026.87		X		GHMA
1205	1437.84			1437.84			X	PHMA
1207	160.00			160.00			X	PHMA
1208	1323.68			1323.68		X		GHMA
1209	1234.59		754.79	479.80		X	X	PHMA
1210	1080.00			1080.00		X		GHMA
1211	1160.00			1160.00		X	X	PHMA
1212	1995.02			1995.02		X		GHMA
1213	280.00			280.00		X		GHMA
1214	1758.53			1758.53			X	PHMA
1215	1800.27			1800.27			X	PHMA
1216	1918.74		1599.89	318.85			X	PHMA
1219	1159.63			1159.63		X		GHMA
1221	80.17			80.17		X		GHMA
1222	320.00			320.00		X		GHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
1223	2240.00			2240.00		X		GHMA
1224	1877.47			1877.47		X		GHMA
1225	1723.80			1723.80		X		GHMA
1226	640.21			640.21		X		GHMA
1227	1152.94			1152.94		X		GHMA
1229	548.03			548.03			X	PHMA
1230	1759.55			1759.55		X		GHMA
1231	1880.00			1880.00			X	PHMA
1234	715.68			715.68		X		GHMA
1235	1888.32		1305.36	582.96			X	PHMA
1236	2160.00		1840.30	319.70			X	PHMA
1237	645.29			645.29		X	X	PHMA
1239	2299.51		1463.62	835.89			X	PHMA
1240	640.00	640.00		-				DELETE
1241	1396.77		318.91	1077.86			X	PHMA
1242	2449.32			2449.32		X		GHMA
1243	1005.29		251.90	753.39			X	PHMA
1244	1907.53		1707.69	199.84			X	PHMA
1245	2536.25		2137.69	398.56			X	PHMA
1246	160.00			160.00			X	PHMA
1247	2262.92			2262.92		X		GHMA
1248	1166.20			1166.20		X	X	PHMA
1249	194.46			194.46			X	PHMA
1250	302.68			302.68		X	X	PHMA
1251	559.93			559.93		X	X	PHMA
1252	2506.93		1489.04	1017.89			X	PHMA
1253	2158.88		1688.24	470.64			X	PHMA
1259	1002.49		399.80	602.69			X	PHMA
1261	2120.00		1474.38	645.62		X		GHMA
1262	1560.00		836.53	723.47		X		GHMA
1263	2199.58		1797.02	402.56		X	X	PHMA
1264	718.26		678.46	39.80		X	X	PHMA
1265	1040.00		1040.00	1040.00			X	PHMA
1266	720.00		720.00	720.00			X	PHMA
1267	519.95		312.995	206.955		X		GHMA
1268	560.00		314.380	245.620			X	PHMA
1269	1470.11	1470.11		-				DELETE
1270	920.00			920.00			X	PHMA
1271	160.00	160.00		-				DELETE
1272	200.00		120.024	79.976		X	X	PHMA
1273	80.00		39.974	40.026			X	PHMA
1274	558.58			558.58		X		GHMA
1276	439.73			439.73		X		GHMA
1277	80.00			80.00		X		GHMA
1314	159.94			159.94			X	PHMA
1316	1119.72			1119.72			X	PHMA
6731	1423.90			1423.90			X	PHMA
6743	1992.20			1992.20		X	X	PHMA
6744	1949.71			1949.71		X	X	PHMA
6758	1080.00			1080.00		X	X	PHMA
6782	1179.27			1179.27			X	PHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
6783	1142.08			1142.08			X	PHMA
6784	2408.69			2408.69			X	PHMA
6787	640.00			640.00			X	PHMA
6792	2532.51			2532.51			X	PHMA
6793	2552.14			2552.14			X	PHMA
6794	2560.00			2560.00			X	PHMA
6797	1924.40			1924.40			X	PHMA
6799	1922.88			1922.88			X	PHMA
6800	1262.39			1262.39			X	PHMA
6801	1749.22			1749.22			X	PHMA
6802	2200.00			2200.00			X	PHMA
6803	636.64			636.64			X	PHMA
6809	2242.50			2242.50		X	X	PHMA
6813	2560.00			2560.00		X	X	PHMA
6820	80.00			80.00		X	X	PHMA
6824	1704.24			1704.24		X	X	PHMA
6831	2157.24			2157.24		X	X	PHMA
6834	2555.94			2555.94		X	X	PHMA
6847	1565.66			1565.66			X	PHMA
6866	1948.43			1948.43		X	X	PHMA
6885	1034.35			1034.35		X	X	PHMA
6886	640.00			640.00			X	PHMA
6935	200.00			200.00		X	X	PHMA
6936	480.00			480.00			X	PHMA
6937	2350.98			2350.98			X	PHMA
6938	2348.25			2348.25			X	PHMA
6940	2560.00			2560.00			X	PHMA
6949	2560.00			2560.00			X	PHMA
6950	2560.00			2560.00			X	PHMA
6951	2191.44			2191.44			X	PHMA
6952	1920.00			1920.00			X	PHMA
6953	40.00			40.00			X	PHMA
6954	1280.00			1280.00			X	PHMA
6955	560.10			560.10			X	PHMA
6956	2542.26			2542.26			X	PHMA
6957	2560.00			2560.00			X	PHMA
6958	2560.00			2560.00			X	PHMA
6959	2557.64			2557.64			X	PHMA
6976	786.29			786.29		X		GHMA
6977	78.54			78.54		X		GHMA
6978	320.00			320.00		X		GHMA
6979	82.95			82.95		X		GHMA
6981	1720.00			1720.00		X		GHMA
6983	640.00			640.00			X	PHMA
6984	2397.65			2397.65		X	X	PHMA
6985	325.21			325.21		X		GHMA
6986	2240.91			2240.91			X	PHMA
6988	2534.17			2534.17			X	PHMA
6990	2560.00			2560.00			X	PHMA
6991	2559.17			2559.17			X	PHMA
6992	1925.16			1925.16			X	PHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
6995	1440.00			1440.00		X		GHMA
7000	1920.00			1920.00		X		GHMA
7003	2514.11			2514.11		X		GHMA
7008	640.00			640.00		X		GHMA
7012	1197.70			1197.70		X		GHMA
7013	438.23			438.23		X		GHMA
7014	2553.57			2553.57			X	PHMA
7015	319.27			319.27		X		GHMA
7016	440.00			440.00		X		GHMA
7017	320.00			320.00			X	PHMA
7018	320.00			320.00		X		GHMA
7019	164.37			164.37		X		GHMA
7020	80.00			80.00		X		GHMA
7021	1480.00			1480.00		X		GHMA
7022	651.62			651.62		X		GHMA
7023	473.40			473.40		X		GHMA
7024	320.00			320.00		X		GHMA
7025	280.00			280.00		X		GHMA
7026	360.00			360.00		X		GHMA
7027	532.79			532.79		X		GHMA
7028	527.77			527.77		X		GHMA
7029	731.28			731.28		X		GHMA
7030	874.26			874.26		X		GHMA
7031	208.28			208.28		X		GHMA
7032	320.00			320.00		X		GHMA
7033	536.69			536.69		X		GHMA
7034	322.93			322.93		X		GHMA
7035	897.70			897.70		X		GHMA
7036	92.93			92.93	X			Non
7037	2245.64			2245.64		X	X	PHMA
7038	2241.48			2241.48		X	X	PHMA
7039	849.67			849.67		X		GHMA
7040	2400.00			2400.00		X	X	PHMA
7041	2560.00			2560.00			X	PHMA
7045	1273.56			1273.56			X	PHMA
7047	80.00			80.00			X	PHMA
7048	453.17			453.17		X	X	PHMA
7049	40.66			40.66			X	PHMA
7050	2212.62			2212.62		X	X	PHMA
7051	2520.00			2520.00		X		GHMA
7052	1918.24			1918.24		X		GHMA
7053	1778.75			1778.75		X		GHMA
7054	2119.81			2119.81			X	PHMA
7058	1252.64			1252.64			X	PHMA
7059	40.00			40.00	X			Non
7060	2501.09			2501.09		X		GHMA
7061	2280.00			2280.00		X		GHMA
7069	2549.80			2549.80		X		GHMA
7070	1359.96			1359.96		X		GHMA
7073	2357.67			2357.67		X		GHMA
7074	2075.66			2075.66		X		GHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
7075	40.00			40.00		X		GHMA
7077	538.64			538.64		X		GHMA
7078	531.82			531.82		X		GHMA
7079	587.31			587.31		X		GHMA
7081	640.00			640.00		X		GHMA
7096	161.07			161.07			X	PHMA
7097	2479.60			2479.60		X	X	PHMA
7098	2400.00			2400.00		X	X	PHMA
7099	1920.00			1920.00			X	PHMA
7100	2338.49			2338.49		X		GHMA
7103	2559.88			2559.88		X		GHMA
7107	2454.31			2454.31		X		GHMA
7110	1348.95			1348.95		X		GHMA
7111	1900.00			1900.00		X		GHMA
7122	2007.63			2007.63		X		GHMA
7123	906.89			906.89		X		GHMA
7124	557.31			557.31	X			Non
7125	1400.00			1400.00		X	X	PHMA
7126	200.00			200.00		X		GHMA
7127	320.00			320.00		X		GHMA
7128	2535.56			2535.56			X	PHMA
7131	160.00			160.00			X	PHMA
7133	80.99			80.99			X	PHMA
7134	464.96			464.96		X		GHMA
7135	686.80			686.80		X		GHMA
7136	280.00			280.00			X	PHMA
7137	760.00			760.00			X	PHMA
7138	80.00			80.00			X	PHMA
7140	1440.00			1440.00			X	PHMA
7141	1640.00			1640.00			X	PHMA
7142	918.35			918.35		X	X	PHMA
7143	801.96			801.96			X	PHMA
7145	120.00			120.00		X		GHMA
7146	1920.00			1920.00		X	X	PHMA
7148	2560.00			2560.00			X	PHMA
7149	560.00			560.00		X		GHMA
7150	800.00			800.00		X		GHMA
7151	1010.89			1010.89		X		GHMA
7152	383.84			383.84		X		GHMA
7153	1416.27			1416.27		X		GHMA
7154	720.00			720.00	X			Non
7155	1733.49			1733.49		X		GHMA
7157	2037.70			2037.70	X			Non
7158	374.70			374.70		X		GHMA
7159	779.56			779.56		X		GHMA
7160	322.34			322.34		X		GHMA
7163	946.23			946.23		X	X	PHMA
7164	640.00			640.00			X	PHMA
7165	720.00			720.00			X	PHMA
7166	1357.69			1357.69			X	PHMA
7167	1440.00			1440.00			X	PHMA

Parcel Number	Nominated Acres	Delete in Full	Delete in Part	Acres Available	Non-habitat (P1)	GHMA (P2)	PHMA (P3/P4/P5)	Evaluation Label
7168	958.29			958.29			X	PHMA
7169	2403.78			2403.78		X		GHMA
7170	632.17			632.17		X		GHMA
7171	1088.55			1088.55	X	X		GHMA
7173	710.51			710.51		X		GHMA
7174	850.92			850.92		X		GHMA
7175	566.68			566.68		X	X	PHMA
7176	2000.00			2000.00		X	X	PHMA
7177	819.62			819.62		X		GHMA
7180	40.00			40.00			X	PHMA
7181	600.00			600.00		X	X	PHMA
7182	1392.46			1392.46		X		GHMA
7185	33.76			33.76		X		GHMA
7186	1379.39			1379.39			X	PHMA
7187	160.07			160.07			X	PHMA
7188	1398.72			1398.72		X		GHMA
7189	1125.62			1125.62		X		GHMA
7190	1677.68			1677.68		X		GHMA
7192	1360.00			1360.00		X		GHMA
7193	80.00			80.00		X		GHMA
7194	1189.62			1189.62		X	X	PHMA
7195	80.00			80.00		X		GHMA
7197	160.00			160.00			X	PHMA
7199	455.41			455.41			X	PHMA
7200	623.40			623.40		X		GHMA
7202	160.00			160.00		X	X	PHMA
7203	640.00			640.00		X		GHMA
7204	454.82			454.82		X		GHMA
7205	632.16			632.16		X		GHMA
7206	434.36			434.36		X	X	PHMA
7207	2140.40			2140.40			X	PHMA
7210	1440.00			1440.00			X	PHMA
7211	2295.70			2295.70			X	PHMA
7213	920.00		720.16	199.84			X	PHMA
7214	1878.53			1878.53		X		GHMA
7215	636.41			636.41		X		GHMA
7216	1870.67		1669.82	200.85		X		GHMA
Total	560,230.77	3,063.17	27,664.27	529,503.34				

Any parcel(s) located in Non-habitat are given first priority and sent to the respective field office for an RMP conformance review (P1 within Prioritization Flowchart located in section 3.6). Table 3.1 identifies the eight parcels nominated for this sale in Non-habitat.

Application of appropriate stipulations from the RMP are applied to each parcel in conformance with the FO RMP. WGFD also reviews the parcels to provide recommendations to the BLM. These initial WGFD reviews are coordinated with the respective BLM FO. Once a field office has completed its review, the parcel list is sent back to the BLM WSO and is incorporated into the competitive lease sale EA. The following table indicates which parcels are in Non-habitat and are available for further FO review.

Table 3.25: 20XX-XX Non-habitat Parcels and Initial Determination (P1 in Flowchart):

Parcel Number	Evaluation Label	Determination	FO Recommendation
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0938	Non-habitat	Sent to appropriate FO for further review	Lease
WY-202X-XX-1091	Non-habitat	Sent to appropriate FO for further review	Lease
WY-202X-XX-1113	Non-habitat	Sent to appropriate FO for further review	Lease
WY-202X-XX-7036	Non-habitat	Sent to appropriate FO for further review	Lease
WY-202X-XX-7059	Non-habitat	Sent to appropriate FO for further review	Lease
WY-202X-XX-7124	Non-habitat	Sent to appropriate FO for further review	Lease
WY-202X-XX-7154	Non-habitat	Sent to appropriate FO for further review	Lease
WY-202X-XX-7157	Non-habitat	Sent to appropriate FO for further review	Lease

Those parcels completely within GHMA were then reviewed to verify that the BLM is using the most current GHMA/PHMA boundaries, the most current lek location database information (maintained by WGFD) and most current Winter Concentration Area locations are reviewed in relation to the parcels, before being considered for sale offering. BLM WSO has applied the most current stipulations to each parcel (see MD SSS 6 and 9, page 6 of this appendix), as appropriate, and sent those parcels to the field office for review as described above in the Non-habitat parcel review process. The following table indicates which parcels have the 'Evaluating Label' of GHMA and the initial determination.

Table 3.26: 2020-03 GHMA Parcels and Initial Determination (P2 in flowchart)

Parcel Number	Evaluation Label	Determination	FO Recommendation
WY-202X-XX-0862	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0869	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0870	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0875	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0878	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0882	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0886	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0904	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0911	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0918	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0924	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0932	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0934	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0937	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0939	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0940	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0942	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0943	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0945	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0946	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0947	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0948	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0950	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0953	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0955	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0958	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0960	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0961	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0966	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0967	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0968	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0971	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0973	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-0974	GHMA	Sent to appropriate FO for further review	Lease

WY-202X-XX-7078	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7079	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7081	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7100	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7103	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7107	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7110	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7111	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7122	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7123	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7126	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7127	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7134	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7135	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7145	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7149	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7150	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7151	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7152	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7153	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7155	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7158	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7159	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7160	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7169	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7170	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7171	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7173	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7174	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7177	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7182	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7185	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7188	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7189	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7190	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7192	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7193	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7195	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7200	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7203	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7204	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7205	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7214	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7215	GHMA	Sent to appropriate FO for further review	Lease
WY-202X-XX-7216	GHMA	Sent to appropriate FO for further review	Delete Pt/ Lease Pt

For all parcels (wholly or partially) located within designated PHMA, the BLM WSO has taken the following approach. Identify if any of the PHMA parcels are located in an area in which a habitat and/or population metric indicates a need for further review (MD SSS 13, pg. 37-38, 2015 ARMPA). If a parcel is located within one of these areas, BLM WSO will use the adaptive management process outlined in Appendix D of the 2015 ARMPA and notify the BLM WY SD (P5). The decision made by the SD to lease or defer the parcel(s) would be based on criteria located in Appendix D along with other available information.

For parcels located in an area where the habitat and/or population metrics are within normal ranges, BLM WSO would identify any parcel(s) located in an area where law or regulation indicates that offering the lands for lease would be in the government's best interest. An example would be if any of the parcels are subject to potential fluid minerals drainage from a nearby/adjacent lease (see Table 3.27 below for any parcel meeting this criteria). If any of the proposed parcels identified as being in an area where law or regulation indicates that offering the lands is in the government's best interest (LQ1), BLM WSO would apply the appropriate stipulations (P3) and send the parcel to the respective field office for further review and inclusion to the EA, as described in the Non-habitat process (page 15 of this appendix).

If none of the parcels are identified within the first two criteria, BLM WSO would identify if any of the parcels are located within an existing federal oil and gas unit (LQ2, see Table 3.27 below for any parcel meeting this criteria). If a parcel is located within an existing unit, BLM WSO would apply the appropriate stipulations (P3) to the lease as described in Non-habitat process (page 15 of this appendix). Leasing parcels in an existing federal oil and gas unit congregates leases in a particular area, potentially minimizing the amount of surface disturbance.

Any parcels that are not located in an area in which a habitat and/or population metric indicates a need for further review (RMPQ1), in an area where it is the government's best interest to lease (LQ1) or in an existing Federal Oil and Gas Unit (LQ2), BLM WSO will identify any parcel(s) that are located within areas of prioritized restoration projects (RMPQ2, see Table 3.27 below for any parcel meeting this criteria). An example of this could be where BLM WY, along with state and local resources and/or private entities, have invested large amounts of time and resources to restore the habitat within an area. These areas would be considered a priority if they are trending toward successful reclamation and new disturbance that may occur as a result if leasing would hinder the continuation of that trend. If a parcel is identified within one of these areas, the BLM WY SD would make the final determination to lease the parcel or defer the parcel (P4). If the SD chooses to lease the parcel, BLM WSO would apply the appropriate sage-grouse stipulations (P3) and send the parcel to the respective field office for further review and inclusion to the lease sale EA, as described in the Non-habitat process (page 15 of this appendix).

If none of the above criteria are met, BLM WSO would identify any of the parcels are located within a completed oil and gas field-development Environmental Impact Statement or Master Leasing Plan area (see Table 3.27 below for any parcel meeting this criteria) that allows for adequate site-specific mitigation and is in conformance with the objectives of the Greater Sage-Grouse (GSG) plans (LQ3). Any parcels that meet this criterion would have stipulations applied accordingly (P3) and sent to the respective field office for further review and inclusion in the EA, as described in the Non-habitat process.

If any of the above screening criteria are not met, BLM WSO would identify if any of the parcels are located within an allotment that is failing to achieve the land health standards (see Table 3.27 below for any parcel meeting this criteria) and conform with the guidelines (RMPQ3). If a proposed parcel is located within an allotment that is failing land health standards, the BLM WY SD will be notified (P4). It will be the discretion of the SD to defer the parcel(s) or lease the parcel(s) based upon the information available concerning the particular allotment. If a parcel is proposed for lease, the appropriate sage-grouse stipulations will be applied (P3) and sent to the respective FO for further review, as described in the Non-habitat process (page 15 of this appendix).

If none of the parcels are located within the criteria listed above, BLM WSO would identify any parcel that is immediately adjacent or proximate to existing oil and gas leases and development (LQ4, see Table 3.27 below for any parcel meeting this criteria). Any parcel adjacent to an existing oil and gas lease or development would have the appropriate stipulations applied (P3) and sent to the respective field office as described in the Non-habitat process.

The BLM WSO would identify any parcel located in an area with high potential for development (LQ5) (i.e. consider the oil and gas potential maps developed by the BLM for the GSG Plans) if none of the above criteria are met. Again, any parcel located within these areas with high potential for development, the BLM WSO would apply the appropriate stipulations (P3) and send to the respective field office for further review.

Finally, the BLM WSO would provide the SD a list of parcels, location, and any additional information required, if none of the criteria are met (P4). This would allow the SD to make an informed decision to lease the parcel during this sale (P3) or defer and review again during the next sale. The process is also outlined in a flowchart on page 98 with the flowchart guidance on page 99.

Table 3.27: PHMA parcel evaluation and recommendation:

20XX-XX-Parcel Num.	Adaptive Mgmt. Metrics (P5)	Law or Reg. (i.e. drainage) (P3)	Unit (P3)	Area of Prioritized Restoration Project (P4)	Adjacent to Existing Lease (P3)	Land Health Standards (P4)	Existing EIS or MLP (P3)	Area of High Development Potential (P3)	No Criteria Met (P4)	Initial Recommendation to SD
0388					X			X		Lease
0404					X			X		Lease
0410					X			X		Lease
0420					X			X		Lease
0431					X					Lease
0433					X					Lease
0434					X			X		Lease
0437					X			X		Lease
0438					X			X		Lease
0440					X			X		Lease
0441					X			X		Lease
0451					X			X		Lease
0455					X			X		Lease
0461										Lease
0481							X	X		Lease
0482							X	X		Lease
0485							X	X		Lease
0487							X	X		Lease
0489					X		X			Lease
0491					X					Lease
0496					X					Lease
0506					X			X		Lease
0508					X			X		Lease
0534					X			X		Lease
0539					X			X		Lease
0540										Lease
0554					X			X		Lease
0559					X			X		Lease
0562					X			X		Lease
0563								X		Lease
0564					X			X		Lease
0567								X		Lease
0568					X			X		Lease
0569					X			X		Lease
0570					X			X		Lease
0575								X		Lease
0594							X	X		Lease
0597							X	X		Lease
0606					X		X			Lease
0608							X			Lease
0632										Lease
0640										Lease
0648					X			X		Lease
0695					X			X		Lease
0697					X		X			Lease
0698										Lease
0701					X			X		Lease
0708					X			X		Lease
0711					X			X		Lease
0712										Lease
0714								X		Lease
0755					X		X			Lease
0774					X					Lease
0775								X		Lease
0776					X			X		Lease
0777					X			X		Lease
0778								X		Lease
0779					X					Lease
0788					X			X		Lease

20XX-XX-Parcel Num.	Adaptive Mgmt. Metrics (P5)	Law or Reg. (i.e. drainage) (P3)	Unit (P3)	Area of Prioritized Restoration Project (P4)	Adjacent to Existing Lease (P3)	Land Health Standards (P4)	Existing EIS or MLP (P3)	Area of High Development Potential (P3)	No Criteria Met (P4)	Initial Recommendation to SD
0790					X			X		Lease
0791					X					Lease
0794					X			X		Lease
0798								X		Lease
0799								X		Lease
0801					X			X		Lease
0803					X			X		Lease
0805								X		Lease
0806					X			X		Lease
0807								X		Lease
0809								X		Lease
0810								X		Lease
0812								X		Lease
0813					X			X		Lease
0814					X			X		Lease
0815					X			X		Lease
0816					X			X		Lease
0861					X					Lease
0864			X		X			X		Lease
0865					X					Lease
0866					X					Lease
0868			X		X			X		Lease
0876					X			X		Lease
0881								X		Lease
0885					X			X		Lease
0890					X			X		Lease
0895					X			X		Lease
0903					X			X		Lease
0923					X			X		Lease
0935										Lease
0936										Lease
0985					X			X		Lease
0988					X			X		Lease
1017					X			X		Lease
1034					X			X		Lease
1037								X		Lease
1038								X		Lease
1049					X			X		Lease
1050					X			X		Lease
1057								X		Lease
1059					X			X		Lease
1062					X					Lease
1063										Lease
1064										Lease
1065					X			X		Lease
1066					X					Lease
1073					X			X		Lease
1079					X			X		Lease
1093								X		Lease
1100								X		Lease
1101					X			X		Lease
1115					X			X		Lease
1123								X		Lease
1124					X			X		Lease
1129					X			X		Lease
1142								X		Lease
1143								X		Lease
1144								X		Lease
1145								X		Lease
1146								X		Lease
1162					X			X		Lease

20XX-XX-Parcel Num.	Adaptive Mgmt. Metrics (P5)	Law or Reg. (i.e. drainage) (P3)	Unit (P3)	Area of Prioritized Restoration Project (P4)	Adjacent to Existing Lease (P3)	Land Health Standards (P4)	Existing EIS or MLP (P3)	Area of High Development Potential (P3)	No Criteria Met (P4)	Initial Recommendation to SD
1184	X							X		Defer
1185	X							X		Defer
1186	X							X		Defer
1187	X							X		Defer
1190	X							X		Defer
1202					X			X		Lease
1205					X					Lease
1207					X					Lease
1209	X							X		Defer
1211					X					Lease
1214										Lease
1215										Lease
1216	X							X		Defer
1229	X				X					Defer
1231					X			X		Lease
1235	X									Defer
1236	X				X			X		Defer
1237					X					Lease
1239	X							X		Defer
1241	X							X		Defer
1243	X				X					Defer
1244	X				X			X		Defer
1245	X							X		Defer
1246					X			X		Lease
1248								X		Lease
1249					X					Lease
1250								X		Lease
1251								X		Lease
1252	X							X		Defer
1253	X							X		Defer
1259	X							X		Defer
1263	X				X			X		Defer
1264	X							X		Defer
1265										Lease
1266										Lease
1268	X							X		Defer
1270										Lease
1272	X							X		Defer
1273	X							X		Defer
1314			X		X			X		Lease
1316			X		X			X		Lease
6731										Lease
6743										Lease
6744										Lease
6758							X	X		Lease
6782								X		Lease
6783					X			X		Lease
6784								X		Lease
6787								X		Lease
6792					X			X		Lease
6793					X			X		Lease
6794					X			X		Lease
6797								X		Lease
6799					X			X		Lease
6800					X			X		Lease
6801								X		Lease
6802								X		Lease
6803					X			X		Lease
6809							X	X		Lease
6813							X	X		Lease
6820							X			Lease

20XX-XX-Parcel Num.	Adaptive Mgmt. Metrics (P5)	Law or Reg. (i.e. drainage) (P3)	Unit (P3)	Area of Prioritized Restoration Project (P4)	Adjacent to Existing Lease (P3)	Land Health Standards (P4)	Existing EIS or MLP (P3)	Area of High Development Potential (P3)	No Criteria Met (P4)	Initial Recommendation to SD
6824							X			Lease
6831							X			Lease
6834							X	X		Lease
6847					X			X		Lease
6866							X			Lease
6885					X					Lease
6886										Lease
6935					X			X		Lease
6936					X					Lease
6937								X		Lease
6938								X		Lease
6940								X		Lease
6949								X		Lease
6950								X		Lease
6951					X			X		Lease
6952								X		Lease
6953								X		Lease
6954								X		Lease
6955								X		Lease
6956					X			X		Lease
6957								X		Lease
6958								X		Lease
6959					X			X		Lease
6983					X			X		Lease
6984					X			X		Lease
6986					X			X		Lease
6988					X			X		Lease
6990								X		Lease
6991					X			X		Lease
6992					X			X		Lease
7014					X			X		Lease
7017										Lease
7037					X			X		Lease
7038					X			X		Lease
7040					X			X		Lease
7041					X			X		Lease
7045					X					Lease
7047					X			X		Lease
7048					X			X		Lease
7049					X					Lease
7050					X					Lease
7054					X			X		Lease
7058					X			X		Lease
7096										Lease
7097					X			X		Lease
7098					X			X		Lease
7099					X			X		Lease
7125					X			X		Lease
7128					X			X		Lease
7131					X			X		Lease
7133					X			X		Lease
7136					X			X		Lease
7137					X			X		Lease
7138			X		X			X		Lease
7140								X		Lease
7141					X			X		Lease
7142					X			X		Lease
7143					X			X		Lease
7146					X			X		Lease
7148					X			X		Lease
7163							X			Lease

20XX-XX-Parcel Num.	Adaptive Mgmt. Metrics (P5)	Law or Reg. (i.e. drainage) (P3)	Unit (P3)	Area of Prioritized Restoration Project (P4)	Adjacent to Existing Lease (P3)	Land Health Standards (P4)	Existing EIS or MLP (P3)	Area of High Development Potential (P3)	No Criteria Met (P4)	Initial Recommendation to SD
7164								X		Lease
7165					X			X		Lease
7166					X			X		Lease
7167					X			X		Lease
7168					X			X		Lease
7175					X			X		Lease
7176								X		Lease
7180			X		X			X		Lease
7181					X			X		Lease
7186					X			X		Lease
7187					X			X		Lease
7194					X			X		Lease
7197								X		Lease
7199					X			X		Lease
7202					X			X		Lease
7206								X		Lease
7207					X			X		Lease
7210					X					Lease
7211					X					Lease
7213	X							X		Defer

BLM also identified which parcels are located within four (4) miles of a Greater Sage-Grouse lek. BLM used four miles based upon how the Wyoming Core Area Strategy was developed, which BLM then incorporated into the 2015 ARMPA. For consistency, BLM also used this same four-mile approach for parcels and leks in GHMA. The following table indicates which parcels are located within four miles of a Greater Sage-Grouse lek.

Table 3.28: Greater Sage-Grouse Lek Distance

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
0388	PHMA	-	-	-	-
0404	PHMA	-	-	-	-
0410	PHMA	-	-	X	X
0420	PHMA	-	-	-	X
0431	PHMA	-	-	-	X
0433	PHMA	X	X	X	X
0434	PHMA	-	-	X	X
0437	PHMA	-	X	X	X
0438	PHMA	-	-	-	X
0440	PHMA	-	-	-	X
0441	PHMA	-	-	X	X
0451	PHMA	-	-	-	-
0455	PHMA	X	X	X	X
0461	PHMA	-	-	X	X
0481	PHMA	X	X	X	X
0482	PHMA	-	-	-	X
0485	PHMA	-	X	X	X
0487	PHMA	-	-	-	X
0489	PHMA	-	-	X	X
0491	PHMA	-	-	X	X
0496	PHMA	X	X	X	X
0506	PHMA	-	-	X	X
0508	PHMA	-	X	X	X
0534	PHMA	-	X	X	X

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
0539	PHMA	X	X	X	X
0540	PHMA	X	X	X	X
0554	PHMA	-	X	X	X
0559	PHMA	-	-	X	X
0562	PHMA	-	X	X	X
0563	PHMA	-	X	X	X
0564	PHMA	X	X	X	X
0567	PHMA	X	X	X	X
0568	PHMA	X	X	X	X
0569	PHMA	-	X	X	X
0570	PHMA	-	X	X	X
0575	PHMA	X	X	X	X
0594	PHMA	-	X	X	X
0597	PHMA	-	X	X	X
0606	PHMA	-	-	-	-
0608	PHMA	-	X	X	X
0632	PHMA	-	X	X	X
0640	PHMA	X	X	X	X
0648	PHMA	-	-	X	X
0695	PHMA	X	X	X	X
0697	PHMA	X	X	X	X
0698	PHMA	-	-	-	X
0701	PHMA	-	-	-	-
0708	PHMA	X	X	X	X
0711	PHMA	-	X	X	X
0712	PHMA	-	X	X	X
0714	PHMA	-	X	X	X
0755	PHMA	-	-	X	X
0774	PHMA	-	-	X	X
0775	PHMA	-	-	X	X
0776	PHMA	-	-	X	X
0777	PHMA	X	X	X	X
0778	PHMA	X	X	X	X
0779	PHMA	X	X	X	X
0788	PHMA	X	X	X	X
0790	PHMA	X	X	X	X
0791	PHMA	X	X	X	X
0794	PHMA	-	X	X	X
0798	PHMA	X	X	X	X
0799	PHMA	X	X	X	X
0801	PHMA	X	X	X	X
0803	PHMA	-	X	X	X
0805	PHMA	X	X	X	X
0806	PHMA	X	X	X	X
0807	PHMA	X	X	X	X
0809	PHMA	X	X	X	X
0810	PHMA	X	X	X	X
0812	PHMA	-	-	-	-
0813	PHMA	-	-	-	-
0814	PHMA	X	X	X	X
0815	PHMA	-	X	X	X

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
0816	PHMA	-	-	-	X
0861	PHMA	-	X	X	X
0862	GHMA	-	-	-	-
0864	PHMA	-	X	X	X
0865	PHMA	X	X	X	X
0866	PHMA	-	-	X	X
0868	PHMA	X	X	X	X
0869	GHMA	-	X	X	X
0870	GHMA	-	X	X	X
0875	GHMA	-	-	-	-
0876	PHMA	X	X	X	X
0878	GHMA	-	X	X	X
0881	PHMA	-	-	-	-
0882	GHMA	-	-	X	X
0885	PHMA	X	X	X	X
0886	GHMA	-	-	-	-
0890	PHMA	X	X	X	X
0895	PHMA	-	-	-	X
0903	PHMA	-	-	-	-
0904	GHMA	-	X	X	X
0911	GHMA	-	X	X	X
0918	GHMA	-	X	X	X
0923	PHMA	X	X	X	X
0924	GHMA	-	-	X	X
0932	GHMA	X	X	X	X
0934	GHMA	-	-	X	X
0935	PHMA	-	-	X	X
0936	PHMA	-	-	X	X
0937	GHMA	-	X	X	X
0938	Non	-	-	-	-
0939	GHMA	-	-	-	-
0940	GHMA	-	-	-	-
0942	GHMA	-	-	-	X
0943	GHMA	-	X	X	X
0945	GHMA	-	-	-	-
0946	GHMA	-	-	-	-
0947	GHMA	-	-	-	-
0948	GHMA	-	-	-	-
0950	GHMA	-	-	-	X
0953	GHMA	-	-	-	X
0955	GHMA	-	-	X	X
0958	GHMA	X	X	X	X
0960	GHMA	X	X	X	X
0961	GHMA	-	X	X	X
0966	GHMA	-	-	X	X
0967	GHMA	-	X	X	X
0968	GHMA	X	X	X	X
0971	GHMA	-	-	-	-
0973	GHMA	-	-	-	-
0974	GHMA	-	X	X	X
0977	GHMA	-	-	-	-

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
0978	GHMA	-	X	X	X
0979	GHMA	X	X	X	X
0983	GHMA	-	-	-	-
0985	PHMA	-	X	X	X
0986	GHMA	-	-	X	X
0988	PHMA	-	-	-	-
1017	PHMA	X	X	X	X
1018	GHMA	-	-	X	X
1023	GHMA	-	-	X	X
1025	GHMA	-	-	-	X
1032	GHMA	-	-	-	X
1033	GHMA	-	-	X	X
1034	PHMA	-	X	X	X
1036	GHMA	-	-	-	X
1037	PHMA	-	-	-	-
1038	PHMA	-	-	-	-
1043	GHMA	-	-	X	X
1049	PHMA	X	X	X	X
1050	PHMA	-	-	-	X
1054	GHMA	-	-	X	X
1057	PHMA	X	X	X	X
1059	PHMA	-	X	X	X
1062	PHMA	X	X	X	X
1063	PHMA	-	X	X	X
1064	PHMA	X	X	X	X
1065	PHMA	-	X	X	X
1066	PHMA	X	X	X	X
1073	PHMA	X	X	X	X
1074	GHMA	-	-	-	-
1076	GHMA	-	-	-	-
1077	GHMA	-	-	-	-
1079	PHMA	X	X	X	X
1081	GHMA	-	-	-	-
1083	GHMA	-	-	X	X
1086	GHMA	-	-	-	-
1091	Non	-	-	-	-
1093	PHMA	X	X	X	X
1096	GHMA	-	-	-	-
1097	GHMA	-	-	-	-
1100	PHMA	-	-	-	-
1101	PHMA	-	-	-	-
1107	GHMA	-	-	-	X
1110	GHMA	-	-	-	-
1113	Non	-	-	-	X
1114	GHMA	-	X	X	X
1115	PHMA	-	X	X	X
1123	PHMA	X	X	X	X
1124	PHMA	X	X	X	X
1129	PHMA	X	X	X	X
1130	GHMA	-	-	-	-
1131	GHMA	-	-	-	X

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
1132	GHMA	-	-	-	-
1142	PHMA	-	X	X	X
1143	PHMA	-	X	X	X
1144	PHMA	-	-	X	X
1145	PHMA	-	-	X	X
1146	PHMA	-	X	X	X
1151	GHMA	-	-	-	-
1152	GHMA	-	-	-	-
1154	GHMA	-	-	-	-
1156	GHMA	-	X	X	X
1157	GHMA	-	-	-	X
1158	GHMA	-	-	-	-
1159	GHMA	-	-	-	-
1160	GHMA	-	-	-	-
1162	PHMA	-	-	-	-
1183	GHMA	X	X	X	X
1184	PHMA	-	X	X	X
1185	PHMA	-	-	X	X
1186	PHMA	X	X	X	X
1187	PHMA	X	X	X	X
1188	GHMA	-	-	-	-
1189	DEL/PHMA	X	X	X	X
1190	PHMA	X	X	X	X
1197	GHMA	-	-	X	X
1201	GHMA	-	-	-	X
1202	PHMA	X	X	X	X
1203	GHMA	-	-	-	-
1205	PHMA	-	X	X	X
1207	PHMA	-	X	X	X
1208	GHMA	-	-	-	-
1209	PHMA	X	X	X	X
1210	GHMA	-	-	X	X
1211	PHMA	X	X	X	X
1212	GHMA	-	-	-	X
1213	GHMA	-	-	-	-
1214	PHMA	-	X	X	X
1215	PHMA	X	X	X	X
1216	PHMA	-	X	X	X
1219	GHMA	X	X	X	X
1221	GHMA	-	X	X	X
1222	GHMA	-	-	-	X
1223	GHMA	X	X	X	X
1224	GHMA	X	X	X	X
1225	GHMA	-	X	X	X
1226	GHMA	X	X	X	X
1227	GHMA	-	X	X	X
1229	PHMA	-	X	X	X
1230	GHMA	-	X	X	X
1231	PHMA	X	X	X	X
1234	GHMA	-	X	X	X
1235	PHMA	X	X	X	X

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
1236	PHMA	-	X	X	X
1237	PHMA	X	X	X	X
1239	PHMA	X	X	X	X
1240	DELETE	-	X	X	X
1241	PHMA	X	X	X	X
1242	GHMA	-	-	X	X
1243	PHMA	-	X	X	X
1244	PHMA	-	X	X	X
1245	PHMA	X	X	X	X
1246	PHMA	-	X	X	X
1247	GHMA	-	X	X	X
1248	PHMA	X	X	X	X
1249	PHMA	X	X	X	X
1250	PHMA	X	X	X	X
1251	PHMA	-	X	X	X
1252	PHMA	X	X	X	X
1253	PHMA	X	X	X	X
1259	PHMA	X	X	X	X
1261	GHMA	-	-	-	X
1262	GHMA	-	-	-	-
1263	PHMA	-	-	X	X
1264	PHMA	-	-	X	X
1265	PHMA	-	-	X	X
1266	PHMA	-	-	X	X
1267	GHMA	-	X	X	X
1268	PHMA	-	X	X	X
1269	DELETE	-	X	X	X
1270	PHMA	-	X	X	X
1271	DELETE	-	X	X	X
1272	PHMA	-	-	X	X
1273	PHMA	-	-	X	X
1274	GHMA	X	X	X	X
1276	GHMA	-	X	X	X
1277	GHMA	-	-	X	X
1314	PHMA	-	-	-	-
1316	PHMA	-	-	-	-
6731	PHMA	-	-	-	-
6743	PHMA	-	-	X	X
6744	PHMA	-	-	-	X
6758	PHMA	-	X	X	X
6782	PHMA	X	X	X	X
6783	PHMA	-	X	X	X
6784	PHMA	X	X	X	X
6787	PHMA	X	X	X	X
6792	PHMA	X	X	X	X
6793	PHMA	-	X	X	X
6794	PHMA	X	X	X	X
6797	PHMA	X	X	X	X
6799	PHMA	X	X	X	X
6800	PHMA	-	X	X	X
6801	PHMA	-	X	X	X

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
6802	PHMA	X	X	X	X
6803	PHMA	-	X	X	X
6809	PHMA	X	X	X	X
6813	PHMA	-	-	X	X
6820	PHMA	-	-	-	-
6824	PHMA	-	-	-	X
6831	PHMA	-	-	X	X
6834	PHMA	X	X	X	X
6847	PHMA	-	-	X	X
6866	PHMA	-	X	X	X
6885	PHMA	-	X	X	X
6886	PHMA	X	X	X	X
6935	PHMA	-	-	-	-
6936	PHMA	X	X	X	X
6937	PHMA	-	X	X	X
6938	PHMA	X	X	X	X
6940	PHMA	X	X	X	X
6949	PHMA	X	X	X	X
6950	PHMA	X	X	X	X
6951	PHMA	X	X	X	X
6952	PHMA	-	X	X	X
6953	PHMA	-	-	-	-
6954	PHMA	-	X	X	X
6955	PHMA	-	-	-	-
6956	PHMA	-	-	-	-
6957	PHMA	-	-	-	-
6958	PHMA	-	-	-	-
6959	PHMA	-	X	X	X
6976	GHMA	-	-	-	-
6977	GHMA	-	-	-	-
6978	GHMA	-	X	X	X
6979	GHMA	-	-	-	X
6981	GHMA	X	X	X	X
6983	PHMA	-	X	X	X
6984	PHMA	X	X	X	X
6985	GHMA	-	-	-	-
6986	PHMA	X	X	X	X
6988	PHMA	-	-	X	X
6990	PHMA	X	X	X	X
6991	PHMA	-	-	-	X
6992	PHMA	-	-	-	-
6995	GHMA	-	-	-	X
7000	GHMA	-	X	X	X
7003	GHMA	X	X	X	X
7008	GHMA	-	-	X	X
7012	GHMA	-	-	-	-
7013	GHMA	-	-	X	X
7014	PHMA	X	X	X	X
7015	GHMA	-	-	X	X
7016	GHMA	-	-	X	X
7017	PHMA	-	X	X	X

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
7018	GHMA	-	-	-	-
7019	GHMA	-	-	-	-
7020	GHMA	-	-	X	X
7021	GHMA	-	-	-	-
7022	GHMA	-	-	-	-
7023	GHMA	-	-	-	-
7024	GHMA	-	X	X	X
7025	GHMA	-	-	-	X
7026	GHMA	-	-	-	-
7027	GHMA	X	X	X	X
7028	GHMA	X	X	X	X
7029	GHMA	-	-	X	X
7030	GHMA	-	X	X	X
7031	GHMA	-	-	X	X
7032	GHMA	X	X	X	X
7033	GHMA	-	-	X	X
7034	GHMA	-	-	-	X
7035	GHMA	X	X	X	X
7036	Non	-	-	-	-
7037	PHMA	X	X	X	X
7038	PHMA	X	X	X	X
7039	GHMA	-	-	-	-
7040	PHMA	-	-	-	-
7041	PHMA	X	X	X	X
7045	PHMA	X	X	X	X
7047	PHMA	-	-	-	X
7048	PHMA	-	X	X	X
7049	PHMA	X	X	X	X
7050	PHMA	X	X	X	X
7051	GHMA	-	X	X	X
7052	GHMA	-	-	-	-
7053	GHMA	-	X	X	X
7054	PHMA	X	X	X	X
7058	PHMA	-	X	X	X
7059	Non	-	-	-	-
7060	GHMA	-	-	-	-
7061	GHMA	-	-	-	X
7069	GHMA	-	-	-	-
7070	GHMA	-	-	-	-
7073	GHMA	-	-	-	-
7074	GHMA	-	X	X	X
7075	GHMA	-	-	X	X
7077	GHMA	-	-	X	X
7078	GHMA	-	-	X	X
7079	GHMA	-	-	-	X
7081	GHMA	-	-	X	X
7096	PHMA	X	X	X	X
7097	PHMA	X	X	X	X
7098	PHMA	X	X	X	X
7099	PHMA	X	X	X	X
7100	GHMA	-	-	-	-

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
7103	GHMA	X	X	X	X
7107	GHMA	-	-	-	-
7110	GHMA	-	-	-	-
7111	GHMA	-	-	-	-
7122	GHMA	X	X	X	X
7123	GHMA	X	X	X	X
7124	Non	-	-	-	-
7125	PHMA	X	X	X	X
7126	GHMA	-	-	-	X
7127	GHMA	-	-	-	-
7128	PHMA	X	X	X	X
7131	PHMA	-	-	-	X
7133	PHMA	-	-	-	-
7134	GHMA	X	X	X	X
7135	GHMA	X	X	X	X
7136	PHMA	-	X	X	X
7137	PHMA	-	X	X	X
7138	PHMA	-	X	X	X
7140	PHMA	X	X	X	X
7141	PHMA	-	X	X	X
7142	PHMA	-	-	X	X
7143	PHMA	-	-	X	X
7145	GHMA	-	X	X	X
7146	PHMA	-	X	X	X
7148	PHMA	X	X	X	X
7149	GHMA	-	-	-	-
7150	GHMA	-	-	-	-
7151	GHMA	-	-	-	-
7152	GHMA	-	-	-	X
7153	GHMA	-	-	-	-
7154	Non	-	-	-	-
7155	GHMA	-	-	-	-
7157	Non	-	-	-	-
7158	GHMA	-	-	-	-
7159	GHMA	-	-	-	-
7160	GHMA	-	-	X	X
7163	PHMA	-	-	-	-
7164	PHMA	-	X	X	X
7165	PHMA	X	X	X	X
7166	PHMA	-	-	-	-
7167	PHMA	-	-	-	-
7168	PHMA	-	-	-	-
7169	GHMA	X	X	X	X
7170	GHMA	-	-	-	-
7171	GHMA	-	X	X	X
7173	GHMA	-	X	X	X
7174	GHMA	-	X	X	X
7175	PHMA	-	X	X	X
7176	PHMA	X	X	X	X
7177	GHMA	-	X	X	X
7180	PHMA	X	X	X	X

Parcel Number	Habitat Evaluation Label	1 mile	2 miles	3 miles	4 miles
7181	PHMA	-	-	X	X
7182	GHMA	-	-	X	X
7185	GHMA	-	-	X	X
7186	PHMA	X	X	X	X
7187	PHMA	-	-	-	-
7188	GHMA	X	X	X	X
7189	GHMA	X	X	X	X
7190	GHMA	-	X	X	X
7192	GHMA	X	X	X	X
7193	GHMA	-	-	X	X
7194	PHMA	-	X	X	X
7195	GHMA	-	-	-	-
7197	PHMA	-	-	X	X
7199	PHMA	-	X	X	X
7200	GHMA	-	-	-	-
7202	PHMA	-	-	-	-
7203	GHMA	-	-	-	-
7204	GHMA	-	-	-	X
7205	GHMA	-	-	-	X
7206	PHMA	-	-	-	-
7207	PHMA	-	-	-	X
7210	PHMA	X	X	X	X
7211	PHMA	X	X	X	X
7213	PHMA	X	X	X	X
7214	GHMA	X	X	X	X
7215	GHMA	-	-	-	-
7216	GHMA	X	X	X	X

Additional lek data can be obtained from the Wyoming Game and Fish Department and in the 2019-2020 Greater Sage-Grouse Job Completion Report, located at: <https://wgfd.wyo.gov/Hunting/Job-Completion-Reports>

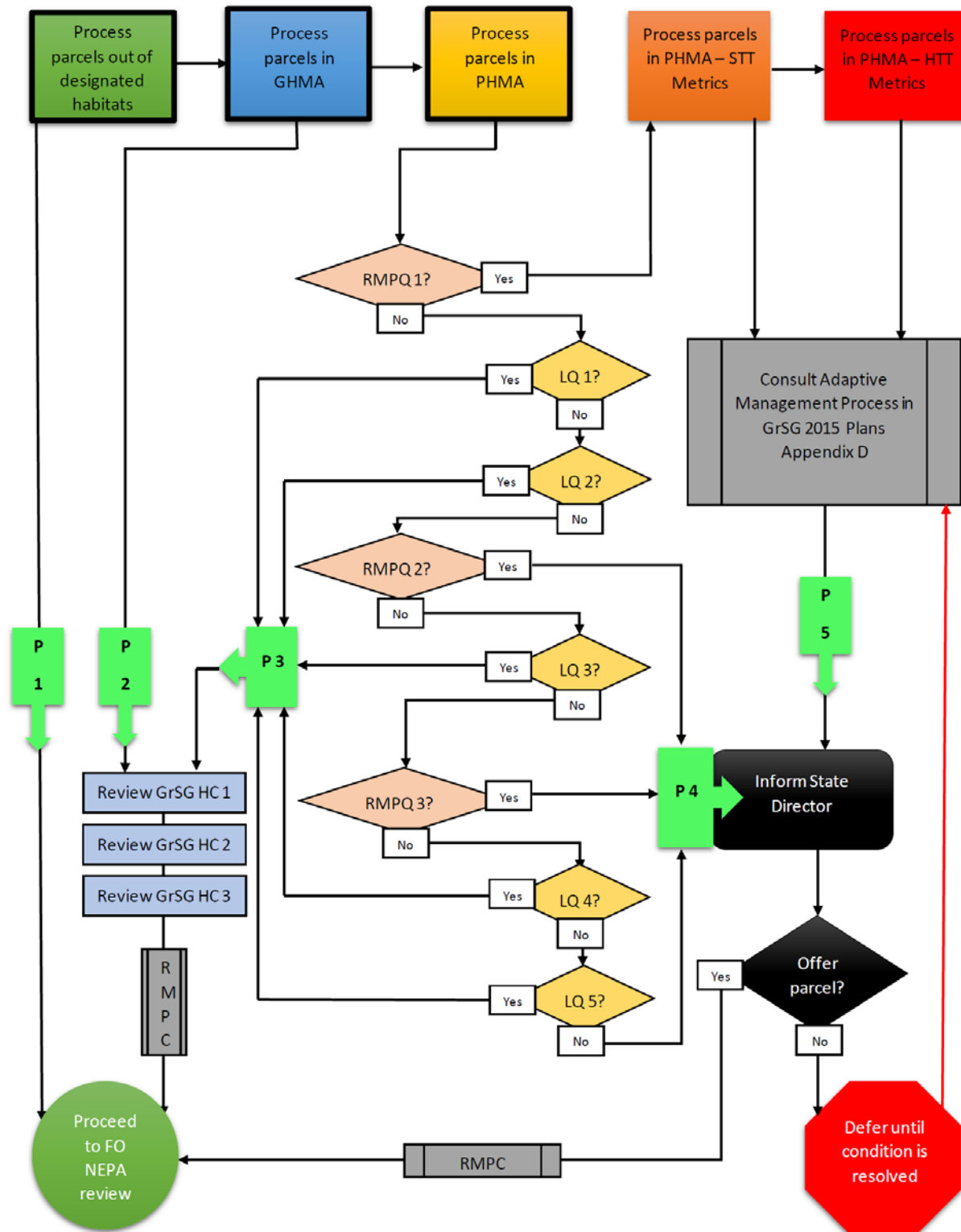
Due to the uncertainties from a lease development standpoint, it is difficult to predict exactly what impacts may occur. However, impacts from development, such as the anticipated noise, permanent and temporary facilities, and traffic, would be similar to those discussed in the individual field office RMP and the 2015 ARMPA.

Under Alternative 3, not offering leases in PHMA would reduce the impacts to sage-grouse or any lek within PHMA. Impacts would still occur to those leks located within GHMA. Those impacts would also be similar to those discussed within each field office RMP and the 2015 ARMPA.

To minimize impacts, all parcels offered in this sale include Standard Lease Notice 3 (see Appendix 4.4.1). Standard Lease Notice 3 indicates that an operator may be required to implement specific measures to reduce impacts of oil and gas operations on the Greater sage-grouse populations and habitat quality. Such measures shall be developed during the Application for Permit to Drill (APD) on-site and environmental review process. In addition, individual lease stipulations if a lek is located within a certain distance (e.g. Timing Limitation Stipulations [TLS]) or if a lek is located within the parcel itself (e.g. CSU or NSO) are attached to specific parcels as appropriate.

There are approximately 15,854,692 acres of PHMA in the State of Wyoming, which is equivalent to the areas identified as Core Areas under the Governor's Executive Order.. The new rights would be subject to timing limitation stipulations (TLS), and no surface occupancy (NSO) stipulations for sage-grouse leks and habitat (as appropriate) within GHMA. Impacts beyond those analyzed in the underlying RMP FEIS' and the ARMPA FEIS, are not expected due to the continual expiration of existing federal leases whether because they lack production in

paying quantities or are never explored. Additional coordination with WGFD will occur for all projects proposed in Greater Sage-Grouse habitats as determined necessary, and in accordance with the BLM-WGFD interagency MOU.



Refer to the list below when using the flowchart for prioritizing leasing.

Prioritization (P) –

The prioritization arrows summarize consideration of parcels in addition to the sequence displayed across the top of the flowchart. The early enhanced review steps within the flowchart allow for categorization of proposed lease parcels into the following five leasing priorities:

P1 - These parcels receive the highest priority for leasing.

P2 - These parcels receive the second highest priority for leasing (after considering all parcels nominated for the current sale categorized as **P1**).

P3 - These parcels receive the third highest priority for leasing (after considering all parcels nominated for the current sale categorized as **P1** and/or **P2**).

P4 - These parcels receive the fourth highest priority for leasing (after considering all parcels nominated for the current sale categorized as **P1**, **P2**, and/or **P3**).

P5 - These parcels receive the lowest priority for leasing (after considering all parcels nominated for the current sale categorized as **P1**, **P2**, **P3**, and/or **P4**).

Greater Sage-Grouse (GrSG) Habitat Conditions (HC) –

Wyoming State Office staff (WYSO 930) will verify with the appropriate agency that the most current and accurate data layers are available to the Field Offices for the review of these parcels. Current agreements with the Wyoming Game and Fish Department (WGFD) will be followed for utilization of the most current published data. A value assessment of these conditions and the subsequent application of RMP Management Decisions and Lease Stipulations will be addressed within the Leasing EA or during site-specific development proposal NEPA reviews. GrSG HCs within the flowchart refer to three types of potentially changing habitat designation conditions:

GrSG HC 1 – Verify with the BLM Wyoming Division of Resource Policy and Management (WYSO 930) that the most current PHMA boundaries are utilized.

GrSG HC 2 – Verify with WYSO 930 that the most current lek location database is utilized.

GrSG HC 3 – Verify with WYSO 930 that the most current Winter Concentration Area location database is utilized.

Resource Management Plan Questions (RMPQ) –

Resource Management Plan Questions within the flowchart address RMP-level population and habitat disturbance/restoration/suitability conditions. The following three questions will provide evaluation considerations to determine prioritization of parcels located within PHMA.

RMPQ 1 - Discuss the Adaptive Management metrics with WYSO 930 for the PHMA unit containing this parcel.

RMPQ 2 - Is the parcel within an area of a prioritized restoration project?

RMPQ 3 - Is the parcel within an allotment that is failing to achieve the land health standards and conform with the guidelines?

Leasing Questions (LQ) –

Leasing Questions within the flowchart encourage new development in lands already impacted by development factors. Parcels meeting any of the criteria in these questions are given a higher priority for leasing. Parcels meeting none of the criteria should be considered of lower priority for leasing. The following five questions inform the decision to categorize a parcel as either Priority 3 or Priority 4.

LQ 1 - Does the parcel lie within an area where law or regulation indicates that offering the lands for leasing is in the government's interest, due to drainage of Federal minerals, 43 CFR § 3162.2-2, or trespass drilling on unleased lands?

LQ 2 - Is the parcel within an existing Federal oil and gas unit?

LQ 3 - Is the parcel immediately adjacent or proximate to existing oil and gas leases and development operations or other land use development?

LQ 4 - Is the parcel within an area with a completed field-development Environmental Impact Statement or Master Leasing Plan that allows for adequate site-specific mitigation and is in conformance with the objectives and provisions in the GrSG Plans?

LQ 5 - Is the parcel in an area with higher potential for development (for example, considering the oil and gas potential maps developed by the BLM for the GrSG Plans)?

Resource Management Plan Conditions (RMPC) –

RMPC - Ensure that a decision to lease those lands would conform to the conservation objectives and provisions in the GrSG Plans.

FO NEPA Review –

The field office and WGFD staff review the potential parcels and recommends; which lands need to be removed from further consideration (e.g. lands unavailable for lease due to RMP decisions); which lands need to be deferred (potential conflicts that may have arisen); and leasing stipulations based on RMP decisions. The District Offices send a compiled list back to the WSO. The State Director (SD) and the District Managers (DMs) coordinate and discuss the recommendations and concur on which potential parcels, or portions of parcels move forward for analysis and inclusion into the quarterly CLS environmental assessment (EA). The WSO fluid minerals staff prepares the EA and posts it on the ePlanning website for a 30-day public comment period and then makes changes to the EA, if necessary. The WGFD reviews and comments on the EA at this time as well. A State of Wyoming, WGFD, and BLM Wyoming coordination meeting occurs after the comment period closes. Any major conflicts identified are discussed with the SD and Deputy State Director (DSD) for Lands and Minerals (and other staff if determined necessary by the SD) for a decision on whether to delete, defer or move the parcel forward. The public comments and responses are then posted on ePlanning at the same time the Sale Notice is posted for a 30-day protest period. After the 30-day protest period, the fluid minerals staff reviews the protests and prepares responses. At any point in the review process, parcels or portions of parcels, in addition to those identified through this prioritization process, may be deleted or deferred.

3.6 Big Game

General information regarding wildlife species and impacts in the subject planning areas can be found at the following locations within the respective Field Office's RMP (see section 1.4)

Big Game Herd Units

The distribution and abundance of big game in the planning area are primarily a function of habitat quality and quantity, the availability of water, climate/weather, and the ability to move, or migrate between seasonal habitats.

The WGFD manages big game populations in herd units (HU). Herd unit boundaries generally do not match BLM field office boundaries, making analysis and correlation of resource data and big game population data difficult. The WGFD revises its population objectives for each big game species based on new habitat information, population trends, recreation demand, and public input.

The health of big game populations are generally inferred from population objectives set by the WGFD. Based on their monitoring, population objectives of mule deer and pronghorn range greatly across the State. According to the WGFD's 2020 Job Completion Reports, pronghorn hunt areas population objectives range between 52.2% above to 60.6% below objective.

Mule Deer

Of the parcels evaluated, the vast majority are located in the following HU's: Cheyenne River (88, 3 parcels shared with Black Hills), Sublette (83, 3 parcels are shared with Wyoming Range), and Powder River (66), Chain Lakes (37, 3 shared with Sweetwater and 1 shared with Ferris), and Wyoming Range (25, 3 parcels shared with Sublette). See Table 28 below for a list of HUs and parcel descriptions.

In general, the HUs that are located in HPD which are below population objective are predominantly privately owned. Major land uses in these HUs are traditional ranching and grazing with oil and gas and coal development. Periodic disease outbreaks (i.e. hemorrhagic diseases) are possible in some of these HUs and can contribute to population declines when environmental conditions are suitable. Similarly, the HUs in the WR/BBD that are below population objective have periodic disease outbreaks. In addition, the WR/BBD HUs have been subject to periods of drought which have helped depress populations. Scattered oil and gas development occurs throughout the WR/BBD HUs.

With the exception of the Baggs Herd Unit, the herd units in the HDD have not been meeting population objectives for several years. For example, the Sublette mule deer herd unit was negatively affected by harsh winter conditions and subsequent die off along with 100% fawn mortality in isolated areas, during the winter of 2016-2017. This herd was similarly affected by harsh winter conditions in 2010-2011 that was likely exacerbated by sustained drought conditions for most of the 2000's. These conditions were in addition to intense oil and gas development on the Pinedale Anticline; exceptions for crucial winter range timing limitations were initially authorized in 2005. And were made permanently available for the life of the project in accordance with the Pinedale Anticline ROD. The vast majority of the Mesa within the northern Pinedale Anticline field is within crucial winter range for Mule Deer. See ARMPA pages 4-423- 4-425 for a discussion of research results emanating from studying this herd during a period of intensive development. Recent data suggests that while these initial study results were accurate, to date, mule deer are not habituating even as large parts of the field are being reclaimed. To date, the PFO has not recommended any changes through the adaptive management process for this project. Additional study and coordination with the WGFD and local partners, is continuing.

But, as noted in the Pinedale RMP DEIS, pg. 146 (1986): "Mule deer populations in the planning area have a history of severe fluctuation. Most of the drastic population declines are attributable to severe winter conditions. Mortality may reach 30-50 percent of the population under certain conditions." Historic information regarding population objectives and estimated populations can be found in these documents: (Pinedale RMP DEIS, pg. 144 (1986), Green River RMP DEIS pg. 427 (1992), and the Medicine Bow DEIS RMP pg. 197-199 (1987). Further information can also be found in the Baggs Mule Deer Crucial Winter Range Analysis Report (WGFD, 1994) and the WGFD Job Completion Reports at: <https://wgfd.wyo.gov/Hunting/Job-Completion-Reports>).

The Wyoming Range Mule Deer Herd has experienced challenges similar to those observed in the Sublette Herd. Most notably, the 2016, 2017 and 2018 WGFD Jackson Region Job Completion Reports (JCRs) indicate that, "Sustained population growth has been difficult because of the frequency of high overwinter mortality every 3 years on crucial winter ranges, low vigor and productivity of important winter range browse, and reduced fawn survival and recruitment. In March 2013, the Wyoming Range Mule Deer Project was launched. The overall goal of this project is to address important research and management needs identified by the Wyoming Mule Deer Initiative and Wyoming Range Mule Deer Initiative. An important aspect of this research is to investigate relationships between mule deer population dynamics, energy development and disturbance, habitat conditions and climate to provide a mechanistic approach to monitoring and management of mule deer (Appendix A)" Appendix D, in the 2016 Jackson Region JCR (pg. 34) indicates the annual fawn survival for most mule deer populations is often lower than adult survival, and it is not uncommon for less than half of the fawns born in June to make it through their first year of life. In the first year of research evaluating survival of fawns, 45% of fawns born in summer 2015 survived until June 2016; only 17% of annual mortalities occurred during winter. Unfortunately, survival of fawns born in summer 2016 tells a much different story. As of March 5, 2017, only one of the 70 fawns tracked was still alive – which equates to a 99% mortality of fawns.

Table 3.29: Alternative 2 (Proposed Action) Mule Deer Herd Units

DISTRICT OFFICE	FIELD OFFICE	HERD UNIT	WGFD 2020 Population Objective	WGFD Population Estimate, 2020	Status meeting Objective	# Parcels within	# Overlap
HDD	RFO	Baggs	19,000	20,642	8.6% Above	7	
WR/BBD	WFO	Basin	3,600	1,867	41.3% below	16	2 overlap with Greybull River
HPD, WR/BBD	LFO	Beaver Rim	N/A	N/A	54% below	2	2 overlap with Southwest Bighorn
HPD	NFO	Black Hills	30,000	23,159	22.8% below	1	3 overlap with

DISTRICT OFFICE	FIELD OFFICE	HERD UNIT	WGFD 2020 Population Objective	WGFD Population Estimate, 2020	Status meeting Objective	# Parcels within	# Overlap
							Cheyenne River
HDD, WR/BBD	RFO, LFO	Chain Lakes	N/A	N/A	N/A	37	3 Overlap with Sweetwater, 1 overlaps with Ferris
HPD	NFO, BFO, CFO	Cheyenne River	27,000	22,543	16.5% Below	88	3 overlap with Black Hills
WR/BBD	CyFO	Clark's Fork	5,000	2,800	44% below	1	
HDD, HPD, WR/BBD	RFO	Ferris	3,700	1,450	60.8% below		1 overlaps with Chain Lakes
HDD, HPD	RFO	Goshen Rim	20,000	10,160	49.2% below	3	
WR/BBD	CyFO, WFO	Greybull River	4,000	2,412	39.7% below	12	2 overlap with Basin
HPD	CFO	North Converse	9,000	6,901	23.3% Below	8	
HPD	CFO	North Natrona	4,700	3,851	18.1% Below	6	
WR/BBD	CyFO	Owl Creek/Meeteetse	5,000	4,630	7.4% below	7	
WR/BBD	WFO	Paintrock	11,000	6,344	42.3% below	2	
HDD	RFO	Platte Valley	16,000	12,950	19.1% below	5	
HPD	BFO, NFO	Powder River	45,000	34,050	24.3% below	66	
HPD	BFO	Pumpkin Buttes	13,000	14,363	10.5% Above	2	
HPD, WR/BBD	CFO	Rattlesnake	5,500	2,769	49.7% below	4	
HDD	RFO	Sheep Mountain	10,000	7,600	24% below	1	
HDD, HPD	CFO	South Converse	12,000	5,243	56.3% below	5	
HDD	RSFO	South Rock Springs	8,500	2,850	66.5% below	12	

DISTRICT OFFICE	FIELD OFFICE	HERD UNIT	WGFD 2020 Population Objective	WGFD Population Estimate, 2020	Status meeting Objective	# Parcels within	# Overlap
HPD, WR/BBD	LFO, RSFO, WFO	Southwest Bighorn	16,000	11,514	28.0% Below	8	2 overlap with Beaver Rim
HDD, WR/BBD	PFO, RSFO	Sublette	32,000	21,103	34.1% Below	87	3 overlap with Wyoming Range
HDD, WR/BBD	RFO, LFO	Sweetwater	4,500	3,628	19.4% below	20	3 overlap with Chain Lakes
HDD	KFO, RSFO	Uinta	20,000	11,237	43.8% below	20	
HPD	BFO	Upper Powder River	18,000	7,693	57.3% below	1	
HDD	KFO, PFO	Wyoming Range	40,000	28,850	27.9% Below	25	3 overlap with Sublette

Crucial Winter Range

Of the parcels evaluated, sixty eight (68) contain approximately 50,944.63 acres of mule deer crucial winter range (CWR). Attachment 6.1 show the locations of nominated parcels in respect to CWR.

One hundred twenty four (124) of the evaluated parcels, whole or in part, contain pronghorn antelope crucial winter range (approximately 145,977.09 acres). An additional fifty (50) parcels evaluated, whole or in part, intersect elk crucial winter range (approximately 42,442.96 acres). Twenty one (21) parcels evaluated, whole or in part, intersect elk managed parturition habitat (approximately 5,672.22 acres). None of the nominated parcels are within elk feed grounds.

Migration Corridors

Research into the movements of mule deer in large numbers and at seasonal transition times, has resulted in the formal identification of migratory pathways resulting in the identification of State-recognized corridors.

As discussed in the WGFD's UNGULATE MIGRATION CORRIDOR STRATEGY (February 4, 2016): Sawyer and Kauffman (2011) found that approximately 95% of the migratory period is spent foraging at stopover areas. Habitat quality is higher in stopover habitat than in the area between stopover sites. In this study, deer used the same stopover areas between years during all migratory periods. Avoidance of disturbance on and around stopover areas was important to migrating ungulates while disturbance in the areas between stopover areas was tolerated.

Lendrum et al. (2012) and Sawyer et al. (2013) found that given an increase in disturbance, ungulates may modify the timing of migration, constrict the size of the area used for migration and move through areas of increased development faster. Changing the timing of migration or moving from one seasonal range to another faster (e.g., winter range to summer range) results in the loss of synchronization between plant green-up and ungulate movements thereby reducing energy intake (Sawyer and Kauffman 2011). Both Lendrum et al. (2012) and Sawyer et al. (2013) found correlations between disturbance levels and measurable changes in animal response as indicated by their movement rate and locations. Sawyer et al. (2013) found ungulates moved through disturbed areas faster, detoured around disturbance, and reduced their use of stopover areas, thus constricting their migration both temporally and spatially. Importantly, both studies recommended keeping the standard for allowable disturbance within migration corridors below the level of detected impact. (@ page 3: https://wgfd.wyo.gov/WGFD/media/content/PDF/Habitat/Habitat%20Information/Ungulate-Migration-Corridor-Strategy_Final_020416.pdf, accessed 2/9/19)

This same document (at 4) also noted:

It is also important to understand that migratory behavior can be lost (Bolger et al. 2008, Harris et al. 2009) and loss of the ability to migrate has led to sudden and dramatic declines in animal populations (Bolger et al. 2008). Migration is a learned behavior that may be difficult to reestablish once lost or diminished (Sawyer et al. 2013).

Acting under this strategy, the State of Wyoming has developed new methods for mapping these migration corridors and stopover areas. As a result of these new methods, the first mule deer migration corridor (MDC) designated was the Red Desert to Hoback (RD2H) which occurred on December 5, 2016. The Red Desert to Hoback corridor is the longest mule deer migration route ever recorded in the lower 48 states (WGFD, <https://wgfd.wyo.gov/News/Infrastructure-improvement-made-on-open-range-to-h>, accessed 2/9/2018).

New research data has also been produced as a result of these efforts. This research has provided a finer level of understanding into where migrating mule deer spend the most time (stopovers) during migration, where there are existing barriers or bottlenecks that constrict movement along the corridor. Other research has suggested that the vegetation within the corridors may be extensively used as forage by the herd as they migrate between winter and summer habitats, twice a year.

Other new research suggests that migratory behavior must be learned. The loss of corridor function is known to cause a migratory population to forget their migratory behavior under the most extreme of circumstances, including knowledge of where the main route is in the landscape. Questions remain regarding why corridors are where they are.

During initial coordination with the WGFD and during preparation of this EA, the BLM and WGFD discussed proposed lease sale parcels located in areas with the State of Wyoming-designated mule deer migration corridors. This initial coordination resulted in identification of thirty-seven (44) parcels that were wholly or partially within the corridors. WGFD also requested a 'Special Lease Notice' be attached to these parcels; BLM has subsequently attached the subject Special Lease Notice to these parcels. The special lease notice can be located on each subject parcel in Appendix 4.1 and the general Special Lease Notice language in Appendix 4.1.1.

The WGFD has identified additional priority migration corridors for mule deer herd units in Wyoming. Other areas under review by the WGFD but are not designated include Wyoming Range and Dubois. The WGFD has collected mule deer movement data to some degree in each of these areas and are currently working with stakeholders and agency personnel to identify related research and proactive conservation actions that are geared toward conserving habitats in each of these herd areas.

The WGFD has also identified two research priorities in Wyoming including the Carter Mountain pronghorn herd and the Powder River/Pumpkin Buttes mule deer herds. "The Carter Mountain Pronghorn herd traverses several State Highways in an area locally known as Antelope Alley. Wildlife/vehicle collisions are a concern and managers would like to document fine scale movement patterns and begin working on conservation measures for this pronghorn population. Mule deer in the Powder River/Pumpkin Buttes herds cross Interstate 90. Current knowledge regarding movements for this mule deer herd is based on general field observations and wildlife/vehicle collision data."

The Sublette pronghorn herd has also been identified for further analysis; the BLM and WGFD continue to fund research into big game behavior as a result of development occurring within the Pinedale and Rawlins field offices. There is no other new information regarding pronghorn or other big game species in the subject field offices.

Information regarding impacts expected from development to big game and big game habitats, including Crucial Winter Range and Migration, can be found in the respective offices RMP. Migration of big game were specific issues raised by the public and addressed in the Pinedale and Rawlins RMP EIS development process. Migration was also a specific consideration in the Green River RMP EIS.

Offering parcels in Mule Deer, Pronghorn or Elk CWR is not expected to result in new impacts beyond those identified in the base RMPs cited above. Development on these parcels could contribute to additional habitat fragmentation, activity, and noise; depending upon the proposal and status of existing development if/where present, and the level of activity. Introduction of weeds, invasive, noxious, or invasive annuals, can result in establishment of

populations. These new species or populations can outcompete native vegetation degrading the quality of big game habitat up to decreasing the carrying capacity of the land which can then cause loss of genetic viability if sustained over long periods of time.

Development of parcels located in big game habitats can result in negative impacts. Whether occurring in a movement corridor or in other seasonal habitats, oil and gas related disturbance can result in force wildlife populations to shifting their foraging or reproductive behaviors from utilizing high quality habitat to areas of lower quality, less desirable habitat. Abandonment of important habitat can lower reproduction and survival rates of the species and result in a decline in wildlife populations.” (ARMPA, 4-426) Over utilization can occur as a result, further limiting the productive nature of the land and sustaining the population at hand. The effects can be more pronounced when additional restrictions on access occurs either through fences or other man-made intrusions, other land uses are competing for the same range resources, or when conditions such as drought or other climatic occurrences, affect growth and/or vegetation regeneration rates, including fire (Rawlins RMP 4-455, 4-456).

While multiple, overlapping timing stipulations can provide benefit to wildlife resources by preventing sustained disruptive activity, the Pinedale RMP FEIS, p 4-60 (2006), also notes “[W]hen areas with greater sage-grouse nesting restrictions overlap areas with big game crucial winter range restrictions, the oil and gas operator would potentially be restricted to a 3-and-a-half-month construction, drilling, and well completion season. This short drilling and development window in areas such as the Pinedale Anticline has led to accelerated operations, which results in congested traffic on primary access roads and a potential overload on local service and emergency resources. It also causes a yearly bust-and-boom cycle for the local communities as crews move in during the open development window then leave when the seasonal restrictions are invoked.” This situation can be exacerbated when lease development is further reduced by other seasonal restrictions, including those for raptors.

For the Sublette mule deer herd unit, twenty one (21) of the eighty-seven (87) parcels contain crucial winter range and are proposed for the March sale. Winter survival, habitat condition and quality on winter ranges, and habitat loss from development (industrial and residential) are the primary issues influencing this herd. In the past ten years this herd has experienced three winters with above average fawn mortality. Gas field development associated with the Pinedale Anticline overlaps crucial winter range located on the Mesa, resulting in less forage available for wintering deer within and adjacent to development. All proposed parcel are located outside of oil and gas field project (EIS) areas.

Twenty-five (25) whole parcels are located within the Wyoming Range HU. These parcel contains approximately 2,095.91 acres of mule deer CWR. Development, if any, in this parcel is expected to be mostly exploratory. Impacts from development are anticipated but are not are not expected to continue to be the driving factors affecting the in ability of this herd to grow and meet the expectation of the public.

Migration Corridors

There would be minimal impacts to Migration Corridors from the proposed action; impacts from nearby development on Federal and/or non-Federal lands could increase the pace of movement by herds through the corridor depending upon the intensity and timing of nearby operations (see Appendix 4.1). Table 3.30 (below) indicates how many acres of crucial winter range are located within each parcel, along with which parcels are within specific designated migration corridors. BLM would consult with the WGFD during development if any of these parcels are sold and development is proposed.

Table 3.30: Alternative 2 (Prosed Action) Mule Deer Crucial Winter Range and Migration Corridors

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
0388	717.800					Lease
0404	880.000					Lease
0410	1557.310					Lease
0420	1033.380					Lease
0431	960.000					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
0433	2211.440					Lease
0434	671.680					Lease
0437	640.000					Lease
0438	802.640					Lease
0440	600.000					Lease
0441	709.210					Lease
0451	120.000					Lease
0455	520.000					Lease
0461	1951.120	1,859.28				Lease
0481	1199.920					Lease
0482	1218.540					Lease
0485	1764.880					Lease
0487	2119.920	39.27				Lease
0489	1153.410					Lease
0491	790.810	27.25				Lease
0496	90.780					Lease
0506	1000.000					Lease
0508	2206.410					Lease
0534	2079.840					Lease
0539	2200.000		Sublette			Lease
0540	1600.000					Lease
0554	1600.000					Lease
0559	1925.520					Lease
0562	2559.540					Lease
0563	1922.000					Lease
0564	2540.960					Lease
0567	2551.320					Lease
0568	2524.400					Lease
0569	1920.000					Lease
0570	1162.590					Lease
0575	1200.000					Lease
0594	2074.160	1,603.47				Lease
0597	2082.000					Lease
0606	1691.580					Lease
0608	2558.160	1,154.43				Lease
0632	971.430					Lease
0640	1244.150					Lease
0648	1280.000					Lease
0695	2520.000	1,251.45	Sublette		212.99	Lease
0697	800.000	313.98	Baggs	20.61	163.97	Lease
0698	179.260		Baggs			Lease
0701	80.000		Platte	7.90	2.65	Lease
0708	2560.000		Sublette	841.95	58.84	Lease
0711	2554.760		Sublette	1,608.36	881.18	Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
0712	2193.780		Sublette	1,811.74	603.52	Lease
0714	2157.850		Sublette	380.77	189.76	Lease
0755	183.250	34.37	Baggs	39.76	25.11	Lease
0774	638.880	636.74	Sublette		50.70	Lease
0775	2519.640		Baggs			Lease
0776	2398.440					Lease
0777	2540.970					Lease
0778	2391.200					Lease
0779	2240.160	1,440.57	Sublette	912.96	670.41	Lease
0788	2552.100		Sublette			Lease
0790	640.000					Lease
0791	1880.000		Sublette	838.59		Lease
0794	2560.000		Sublette			Lease
0798	2440.000		Sublette			Lease
0799	2560.000		Sublette			Lease
0801	2477.960					Lease
0803	2235.430	1,930.85				Lease
0805	2560.000					Lease
0806	2526.500					Lease
0807	2560.000		Sublette			Lease
0809	1120.000		Sublette			Lease
0810	2531.280					Lease
0812	1079.530					Lease
0813	2550.250					Lease
0814	2535.230					Lease
0815	2560.000					Lease
0816	2560.000					Lease
0861	160.000					Lease
0862	40.000					Lease
0864	836.370					Lease
0865	240.820					Lease
0866	40.000					Lease
0868	2048.790					Lease
0869	1183.240					Lease
0870	1680.000					Lease
0875	150.650					Lease
0876	2076.880					Lease
0878	1800.000					Lease
0881	1960.000					Lease
0882	1040.000					Lease
0885	2237.200					Lease
0886	120.100	121.36				Lease
0890	2520.000					Lease
0895	2560.000		Sublette			Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
0903	642.020		Sublette			Lease
0904	2240.000	80.48				Lease
0911	1922.080					Lease
0918	2560.000					Lease
0923	1923.210		Sublette	948.43	379.63	Lease
0924	40.000		Sublette			Lease
0932	632.190					Lease
0934	118.700					Lease
0935	40.000					Lease
0936	80.000					Lease
0937	517.060					Lease
0938	80.000					Lease
0939	80.950					Lease
0940	82.590					Lease
0942	205.270					Lease
0943	160.930					Lease
0945	751.390					Lease
0946	800.000					Lease
0947	1037.110					Lease
0948	794.810					Lease
0950	884.880					Lease
0953	320.000					Lease
0955	840.000					Lease
0958	529.190					Lease
0960	456.430					Lease
0961	404.460					Lease
0966	686.030					Lease
0967	490.000					Lease
0968	289.110					Lease
0971	633.940					Lease
0973	794.570					Lease
0974	440.000	145.56				Lease
0977	1121.430					Lease
0978	1927.750					Lease
0979	2240.000					Lease
0983	310.260					Lease
0985	1802.600		Sublette	1,052.15	0.65	Lease
0986	805.780					Lease
0988	1280.000					Lease
0973	1520.000					Lease
0974	280.000					Lease
0977	1920.120	1,259.97				Lease
0978	880.000	7.29				Lease
0979	2456.760					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
0983	1080.000					Lease
0985	477.840					Lease
0986	2453.010					Lease
0988	200.000					Lease
1017	473.100					Lease
1018	1971.940					Lease
1023	2560.000					Lease
1025	2515.980					Lease
1032	1316.710					Lease
1033	960.000					Lease
1034	960.000					Lease
1036	200.000	145.56				Lease
1037	640.000					Lease
1038	640.000					Lease
1043	320.000					Lease
1049	400.000					Lease
1050	2560.000		Sublette	1,052.15	0.65	Lease
1054	673.290					Lease
1057	1040.000					Lease
1059	803.920					Lease
1062	800.000					Lease
1063	1348.820					Lease
1064	841.190					Lease
1065	880.000					Lease
1066	920.000					Lease
1073	1996.200					Lease
1074	237.610					Lease
1076	1134.350					Lease
1077	80.000					Lease
1079	280.000					Lease
1081	520.000					Lease
1083	597.050					Lease
1086	80.000					Lease
1091	706.400					Lease
1093	1792.780					Lease
1096	1120.000					Lease
1097	2160.000					Lease
1100	791.020					Lease
1101	40.160					Lease
1107	35.640					Lease
1110	20.940					Lease
1113	440.000					Lease
1114	640.000					Lease
1115	320.000					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
1123	280.000					Lease
1124	303.360					Lease
1129	280.000					Lease
1130	640.000					Lease
1131	622.920					Lease
1132	816.560					Lease
1142	640.000					Lease
1143	440.000					Lease
1144	640.000					Lease
1145	640.000					Lease
1146	400.000					Lease
1151	201.350					Lease
1152	717.800	172.99				Lease
1154	880.000					Lease
1156	1557.310					Lease
1157	1033.380	595.24				Lease
1158	960.000	369.04				Lease
1159	2211.440	205.95				Lease
1160	671.680	12.20				Lease
1162	640.000					Lease
1183	802.640					Lease
1184	240.105					Lease
1185	239.995					Lease
1186	320.306					Lease
1187	360.680					Lease
1188	2544.130					Lease
1189	0.000					Lease
1190	319.330	7.89				Lease
1197	1520.000					Lease
1201	1533.040	901.35				Lease
1202	908.630					Lease
1203	2026.870	1,293.10				Lease
1205	1437.840					Lease
1207	160.000					Lease
1208	1323.680					Lease
1209	479.803					Lease
1210	1080.000					Lease
1211	1160.000	175.65				Lease
1212	1995.020					Lease
1213	280.000					Lease
1214	1758.530					Lease
1215	1800.270					Lease
1216	318.850					Lease
1219	1159.630					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
1221	80.170	306.36				Lease
1222	320.000					Lease
1223	2240.000					Lease
1224	1877.470					Lease
1225	1723.800					Lease
1226	640.210					Lease
1227	1152.940	1,166.28				Lease
1229	548.030					Lease
1230	1759.550					Lease
1231	1880.000	1,339.15				Lease
1234	715.680					Lease
1235	582.960					Lease
1236	319.700					Lease
1237	645.290					Lease
1239	835.890	1,924.47	Sublette		204.33	Lease
1240	0.000	163.40	Sublette			Lease
1241	1077.859	532.09				Lease
1242	2449.320	587.16	Sublette			Lease
1243	753.387					Lease
1244	199.840					Lease
1245	398.560					Lease
1246	160.000	255.58				Lease
1247	2262.920					Lease
1248	1166.200					Lease
1249	194.460					Lease
1250	302.680					Lease
1251	559.930	1,872.30	Sublette	636.23	1,243.41	Lease
1252	1017.890	2,042.79	Sublette	227.10	593.89	Lease
1253	470.640	975.41	Sublette		196.84	Lease
1259	602.689					Lease
1261	645.620	133.89				Lease
1262	723.474					Lease
1263	402.560					Lease
1264	39.800					Lease
1265	1040.000					Lease
1266	720.000					Lease
1267	206.955					Lease
1268	245.620					Lease
1269	0.000					Lease
1270	920.000					Lease
1271	0.000					Lease
1272	79.976					Lease
1273	40.026					Lease
1274	558.580					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
1276	439.730					Lease
1277	80.000					Lease
1314	159.940					Lease
1316	1119.720	529.18				Lease
6731	1423.900	334.56				Lease
6743	1992.200					Lease
6744	1949.710	337.11	Sublette			Lease
6758	1080.000	1,138.14				Lease
6782	1179.270	227.88	Sublette			Lease
6783	1142.080					Lease
6784	2408.690	133.89				Lease
6787	640.000					Lease
6792	2532.510					Lease
6793	2552.140					Lease
6794	2560.000					Lease
6797	1924.400					Lease
6799	1922.880					Lease
6800	1262.390					Lease
6801	1749.220					Lease
6802	2200.000					Lease
6803	636.640					Lease
6809	2242.500	494.98				Lease
6813	2560.000	935.68				Lease
6820	80.000					Lease
6824	1704.240					Lease
6831	2157.240	2,010.38				Lease
6834	2555.940	51.22				Lease
6847	1565.660					Lease
6866	1948.430	1,137.16				Lease
6885	1034.350	1,033.23	Platte	137.15	258.99	Lease
6886	640.000	529.15	Platte		346.95	Lease
6935	200.000	108.83	Sublette	19.40	22.01	Lease
6936	480.000	127.42	Sublette	364.69	19.11	Lease
6937	2350.980					Lease
6938	2348.250					Lease
6940	2560.000					Lease
6949	2560.000		Sublette			Lease
6950	2560.000		Sublette			Lease
6951	2191.440	1,125.00				Lease
6952	1920.000					Lease
6953	40.000					Lease
6954	1280.000					Lease
6955	560.100					Lease
6956	2542.260					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
6957	2560.000					Lease
6958	2560.000					Lease
6959	2557.640					Lease
6976	786.290					Lease
6977	78.540					Lease
6978	320.000	312.36				Lease
6979	82.950					Lease
6981	1720.000					Lease
6983	640.000					Lease
6984	2397.650					Lease
6985	325.210					Lease
6986	2240.910					Lease
6988	2534.170					Lease
6990	2560.000					Lease
6991	2559.170		Sublette	1,302.35		Lease
6992	1925.160					Lease
6995	1440.000					Lease
7000	1920.000	597.94				Lease
7003	2514.110					Lease
7008	640.000					Lease
7012	1197.700					Lease
7013	438.230	438.69	Baggs		214.07	Lease
7014	2553.570		Sublette	633.01	71.85	Lease
7015	319.270					Lease
7016	440.000					Lease
7017	320.000					Lease
7018	320.000					Lease
7019	164.370					Lease
7020	80.000					Lease
7021	1480.000					Lease
7022	651.620					Lease
7023	473.400					Lease
7024	320.000					Lease
7025	280.000					Lease
7026	360.000					Lease
7027	532.790					Lease
7028	527.770					Lease
7029	731.280					Lease
7030	874.260					Lease
7031	208.280					Lease
7032	320.000					Lease
7033	536.690					Lease
7034	322.930					Lease
7035	897.700					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
7036	92.930					Lease
7037	2245.640					Lease
7038	2241.480					Lease
7039	849.670					Lease
7040	2400.000					Lease
7041	2560.000					Lease
7045	1273.560					Lease
7047	80.000					Lease
7048	453.170					Lease
7049	40.660					Lease
7050	2212.620					Lease
7051	2520.000					Lease
7052	1918.240					Lease
7053	1778.750	1,779.17	Baggs	89.07	405.84	Lease
7054	2119.810					Lease
7058	1252.640					Lease
7059	40.000					Lease
7060	2501.090					Lease
7061	2280.000					Lease
7069	2549.800					Lease
7070	1359.960					Lease
7073	2357.670					Lease
7074	2075.660					Lease
7075	40.000					Lease
7077	538.640					Lease
7078	531.820					Lease
7079	587.310					Lease
7081	640.000					Lease
7096	161.070					Lease
7097	2479.600					Lease
7098	2400.000					Lease
7099	1920.000					Lease
7100	2338.490					Lease
7103	2559.880	618.79				Lease
7107	2454.310					Lease
7110	1348.950					Lease
7111	1900.000					Lease
7122	2007.630					Lease
7123	906.890					Lease
7124	557.310					Lease
7125	1400.000					Lease
7126	200.000					Lease
7127	320.000					Lease
7128	2535.560					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
7131	160.000					Lease
7133	80.990					Lease
7134	464.960					Lease
7135	686.800					Lease
7136	280.000					Lease
7137	760.000					Lease
7138	80.000					Lease
7140	1440.000					Lease
7103	1640.000					Lease
7107	918.350					Lease
7110	801.960					Lease
7111	120.000					Lease
7122	1920.000					Lease
7123	2560.000					Lease
7124	560.000					Lease
7125	800.000					Lease
7126	1010.890					Lease
7127	383.840					Lease
7128	1416.270					Lease
7131	720.000					Lease
7133	1733.490					Lease
7134	2037.700					Lease
7135	374.700					Lease
7136	779.560					Lease
7137	322.340					Lease
7138	946.230					Lease
7140	640.000					Lease
7141	720.000					Lease
7142	1357.690					Lease
7143	1440.000					Lease
7145	958.290					Lease
7146	2403.780					Lease
7148	632.170					Lease
7149	1088.550					Lease
7150	710.510					Lease
7151	850.920					Lease
7152	566.680					Lease
7153	2000.000					Lease
7154	819.620					Lease
7155	40.000					Lease
7157	600.000					Lease
7158	1392.460					Lease
7159	33.760					Lease
7160	1379.390					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
7163	160.070	649.79				Lease
7164	1398.720					Lease
7165	1125.620					Lease
7166	1677.680					Lease
7167	1360.000					Lease
7168	80.000					Lease
7169	1189.620					Lease
7170	80.000					Lease
7171	160.000					Lease
7173	455.410					Lease
7174	623.400					Lease
7175	160.000					Lease
7176	640.000					Lease
7177	454.820					Lease
7180	632.160					Lease
7181	434.360					Lease
7182	2140.400	1,422.11				Lease
7185	1440.000					Lease
7186	2295.700					Lease
7187	199.840					Lease
7188	1878.530	1,390.18				Lease
7189	636.410	1,096.88				Lease
7190	200.850	1,653.92				Lease
7192	2559.170	1,211.46				Lease
7193	1925.160					Lease
7194	1440.000					Lease
7195	1920.000					Lease
7197	2514.110					Lease
7199	640.000					Lease
7200	1197.700	8.04				Lease
7192	438.230					Lease
7193	2553.570					Lease
7194	319.270					Lease
7195	440.000	632.56				Lease
7197	320.000					Lease
7199	320.000					Lease
7200	164.370	82.17				Lease
7202	80.000	1,072.63				Lease
7203	1480.000	919.42	Sublette			Lease
7204	651.620					Lease
7205	473.400					Lease
7206	320.000					Lease
7207	280.000	1,211.46				Lease
7210	360.000					Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
7211	532.790					Lease
7213	527.770					Lease
7214	731.280					Lease
7215	874.260					Lease
7216	208.280	8.04				Lease

When looking at Alternative 3 (Modified Proposed Action) there are fewer mule deer crucial winter range acres proposed and fewer parcels within designated corridors (Table 3.31). Reducing the amount of acres proposed in each of these habitat types would help minimize impacts to mule deer. Other impacts would be similar to those described under each FO RMP. Impacts include but are not limited to; introduction of weeds, loss of habitat and avoidance of the area due to vehicle traffic and noise.

Table 3.3: Alternative 3 (Modified Proposed Action) Mule Deer Crucial Winter Range and Migration Corridors

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
WY-202X-XX-0461	1,952.50	1,859.28				Defer PHMA
WY-202X-XX-0487	2,124.05	39.27				Defer PHMA
WY-202X-XX-0491	829.82	27.25				Defer PHMA
WY-202X-XX-0539	2,202.22		Sublette			Defer PHMA
WY-202X-XX-0594	2,077.84	1,603.47				Defer PHMA
WY-202X-XX-0608	2,560.83	1,154.43				Defer PHMA
WY-202X-XX-0695	2,522.53	1,251.45	Sublette		212.99	Defer PHMA
WY-202X-XX-0697	799.85	313.98	Baggs	20.61	163.97	Defer PHMA
WY-202X-XX-0698	179.94		Baggs			Defer PHMA
WY-202X-XX-0701	80.31		Platte	7.90	2.65	Defer PHMA
WY-202X-XX-0708	2,552.14		Sublette	841.95	58.84	Defer PHMA
WY-202X-XX-0711	2,551.31		Sublette	1,608.36	881.18	Defer PHMA
WY-202X-XX-0712	2,189.08		Sublette	1,811.74	603.52	Defer PHMA
WY-202X-XX-0714	2,162.17		Sublette	380.77	189.76	Defer PHMA
WY-202X-XX-0755	182.96	34.37	Baggs	39.76	25.11	Defer PHMA
WY-202X-XX-0774	636.74	636.74	Sublette		50.70	Defer PHMA
WY-202X-XX-0775	2,522.29		Baggs			Defer PHMA
WY-202X-XX-0779	2,237.93	1,440.57	Sublette	912.96	670.41	Defer PHMA
WY-202X-XX-0788	2,553.68		Sublette			Defer PHMA
WY-202X-XX-0791	1,875.28		Sublette	838.59		Defer PHMA
WY-202X-XX-0794	2,567.35		Sublette			Defer PHMA
WY-202X-XX-0798	2,434.41		Sublette			Defer PHMA
WY-202X-XX-0799	2,560.63		Sublette			Defer PHMA
WY-202X-XX-0803	2,230.03	1,930.85				Defer PHMA
WY-202X-XX-0807	2,553.91		Sublette			Defer PHMA
WY-202X-XX-0809	1,124.21		Sublette			Defer PHMA
WY-202X-XX-0886	121.36	121.36				Defer PHMA
WY-202X-XX-0895	2,565.19		Sublette			Defer PHMA
WY-202X-XX-0903	641.30		Sublette			Lease
WY-202X-XX-0904	2,244.75	80.48				Lease
WY-202X-XX-0923	1,926.25		Sublette	948.43	379.63	Lease
WY-202X-XX-0924	39.74		Sublette			Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
WY-202X-XX-0974	441.27	145.56				Lease
WY-202X-XX-0985	1,763.26		Sublette	1,052.15	0.65	Lease
WY-202X-XX-1023	1,925.10	1,259.97				Lease
WY-202X-XX-1025	883.20	7.29				Lease
WY-202X-XX-1152	639.37	172.99				Lease
WY-202X-XX-1157	639.40	595.24				Lease
WY-202X-XX-1158	440.13	369.04				Lease
WY-202X-XX-1159	640.44	205.95				Lease
WY-202X-XX-1160	638.41	12.20				Defer PHMA
WY-202X-XX-1197	1,527.53	7.89				Defer PHMA
WY-202X-XX-1202	901.35	901.35				Defer PHMA
WY-202X-XX-1205	1,445.49	1,293.10				Defer PHMA
WY-202X-XX-1212	1,993.97	175.65				Defer PHMA
WY-202X-XX-1222	324.18	306.36				Defer PHMA
WY-202X-XX-1227	1,213.33	1,166.28				Defer PHMA
WY-202X-XX-1231	1,892.93	1,339.15				Defer PHMA
WY-202X-XX-1239	835.90	1,924.47	Sublette		204.33	Defer PHMA
WY-202X-XX-1241	1,038.01	163.40	Sublette			Defer PHMA
WY-202X-XX-1242	2,443.32	532.09				Defer PHMA
WY-202X-XX-1243	516.36	587.16	Sublette			Defer PHMA
WY-202X-XX-1247	2,273.77	255.58				Defer PHMA
WY-202X-XX-1252	1,098.04	1,872.30	Sublette	636.23	1,243.41	Lease
WY-202X-XX-1253	350.83	2,042.79	Sublette	227.10	593.89	Defer PHMA
WY-202X-XX-1259	602.64	975.41	Sublette		196.84	Defer PHMA
WY-202X-XX-1261	645.06	133.89				Lease
WY-202X-XX-6743	1,992.56	529.18				Lease
WY-202X-XX-6744	1,951.37	334.56				Lease
WY-202X-XX-6782	1,181.34	337.11	Sublette			Lease
WY-202X-XX-6783	1,139.05	1,138.14				Lease
WY-202X-XX-6784	2,440.78	227.88	Sublette			Lease
WY-202X-XX-6809	2,240.12	494.98				Lease
WY-202X-XX-6813	2,558.25	935.68				Lease
WY-202X-XX-6831	2,116.54	2,010.38				Lease
WY-202X-XX-6834	2,558.46	51.22				Defer PHMA
WY-202X-XX-6866	1,948.45	1,137.16				Defer PHMA
WY-202X-XX-6885	1,033.37	1,033.23	Platte	137.15	258.99	Defer PHMA
WY-202X-XX-6886	637.03	529.15	Platte		346.95	Defer PHMA
WY-202X-XX-6935	198.78	108.83	Sublette	19.40	22.01	Defer PHMA
WY-202X-XX-6936	479.49	127.42	Sublette	364.69	19.11	Defer PHMA
WY-202X-XX-6949	2,558.80		Sublette			Defer PHMA
WY-202X-XX-6950	2,552.18		Sublette			Defer PHMA
WY-202X-XX-6951	2,189.33	1,125.00				Lease
WY-202X-XX-6978	312.36	312.36				Lease
WY-202X-XX-6991	2,555.78		Sublette	1,302.35		Lease
WY-202X-XX-7000	1,923.82	597.94				Lease
WY-202X-XX-7013	438.69	438.69	Baggs		214.07	Defer PHMA
WY-202X-XX-7014	2,551.39		Sublette	633.01	71.85	Defer PHMA
WY-202X-XX-7053	1,779.17	1,779.17	Baggs	89.07	405.84	Lease

Parcels	Acres	CWR Acres	Migration Corridor	Migration (High Use Acres)	Migration (Stopover Acres)	Recommendation
WY-202X-XX-7103	2,565.76	618.79				Lease
WY-202X-XX-7163	946.02	649.79				Defer PHMA
WY-202X-XX-7182	1,422.11	1,422.11				Lease
WY-202X-XX-7188	1,390.18	1,390.18				Lease
WY-202X-XX-7189	1,096.88	1,096.88				Lease
WY-202X-XX-7190	1,653.92	1,653.92				Defer PHMA
WY-202X-XX-7192	1,409.89	1,211.46				Defer PHMA
WY-202X-XX-7200	621.61	8.04				Defer PHMA
WY-202X-XX-7205	632.56	632.56				Defer PHMA
WY-202X-XX-7210	1,443.45	82.17				Defer PHMA
WY-202X-XX-7211	2,325.76	1,072.63				Lease
WY-202X-XX-7213	199.84	919.42	Sublette			Lease

Whether occurring in a corridor or in other seasonal habitats, disturbance associated with oil and gas development can result in wildlife moving from high quality habitat to areas of lower quality, less desirable habitat. Abandonment of important habitat can lower reproduction and survival rates of the species and result in a decline in wildlife populations.” (ARMPA, pg 4-426)

The intensity of development and resultant impacts will be considered in combination with the context of the proposed action at the time development is proposed.

There are over 16.6 million acres of big game crucial winter range (CWR) in the State of Wyoming. Of this amount, approximately 6,335,000 acres is Mule Deer CWR, 5,973,000 acres is Antelope CWR, and 4,361,359 acres is Elk CWR.

Offering 50,944.63 acres of mule deer CWR, 145,977.09 acres of pronghorn CWR, and 42,442.96 acres of Elk CWR is not expected to result in impacts not already considered in BLM’s RMPs or programmatic EIS’.

Oil and gas development causes surface disturbance through construction of well pads, roads, pipelines, and other facilities. Reclamation and mitigation efforts would reduce impacts on wildlife habitat and fisheries; however, construction and maintenance of roads and well pads and the presence of humans would result in long-term or permanent impacts. Overall impacts would likely be greater where mineral development is more intense, in areas where development overlaps with crucial and winter wildlife ranges, and on state and private lands because of the lack of protections afforded to natural resources in these areas. If development expands, the ability of big game and other wildlife species to disperse into alternate habitats, they could become limited. This may create isolated populations in areas where habitats remain intact. The degree of impact would depend on the timing of development activities and whether the amount of activity outpaces the successful reclamation and revegetation efforts in disturbed areas. Because of this pace of development (whether federal mineral, commercial, or private residence), more pressure would be put on habitats outside of the development (likely private lands) as wildlife is displaced from the disturbances.

It is well known that CWR is important to the viability of big game. Persistent disturbance in sensitive habitats would shift the areas of use and weaken the tendency of the animals to return to the disturbed area. If animals don’t return to disturbed habitat, populations could be lower as herds and individuals to move into naïve and unpredictable habitats that may not support the increased use by local and newly arrived, displaced populations. Mineral development activities would likely cause displacement of animals and selection of alternative habitats and would likely inhibit big game movement between winter ranges and birthing areas. The displacement of big game, and specifically mule deer, from high-use to low use areas has the potential to influence survival and reproduction (Sawyer et al. 2006). Should migration be disrupted and key habitats highly degraded over a short period of time, it is likely that negative effects (both in the short-term and potentially in the long-term) from displacement of big game from these habitats would occur.

As considered in the RMPs (ARMPA FEIS pg. 4-466 - 4-467, BFO FEIS pg. 2489) the Converse County project is undergoing EIS analysis within the HPD. Cumulative impacts to resources are being evaluated within these documents.

Where parcels are not located within approved project area EIS boundaries, and even to a certain extent those that are, as more reservoir data is gathered through exploratory drilling, the likelihood for sustained economic production should increase, and a decrease in dry-holes should occur consistent with other types of field development. BLM is unaware of any new concentrated field developments beyond what is currently proposed and undergoing review. See ARMPA FEIS pg. 4-509 - 4-579, the Buffalo RMP FEIS pg. 871, 1167 and 1660-1665, Bighorn RMP FEIS pg. 4-642 - 4-674, and Lander RMP FEIS pg. 1276-1332 for more information on what activity was considered in the RMP cumulative impacts analysis.

In particular, in its analysis of impacts of impacts from oil and gas development, the ARMPA at page 4-508, concludes:

Loss of vegetation from development activities would degrade habitat and increase forage competition among grazing animals. Livestock grazing practices would further increase cumulative impacts through direct competition for forage, water, and space, and by limiting the ability to manage vegetation for fish and wildlife needs. These impacts would also reduce the capability to maintain current population objectives.

Oil and gas development would cause the greatest amount of surface disturbance through construction of well pads, roads, pipelines, and other facilities. Reclamation and mitigation efforts would reduce impacts on wildlife habitat and fisheries; however, construction and maintenance of roads and well pads and the presence of humans would result in long-term or permanent impacts. Cumulative impacts would likely be greater where mineral development is more intense, in areas where development overlaps with crucial and winter wildlife ranges, and on state and private lands because of the lack of protections afforded to natural resources in these areas. Protection of non-federally listed species on private and state lands may not occur, resulting in potentially significant impacts on these species. As development expands throughout southwestern Wyoming, the ability of big game species to disperse into habitats outside of the planning area may become limited. This may create isolated populations in areas where habitats remain intact. The degree of impact would depend on the timing of development activities and whether the amount of activity outpaces the successful reclamation and revegetation efforts in disturbed areas. Because of this pace of development (whether federal mineral, commercial, or private residence), more pressure would be put on habitats outside of the development (likely private lands) as wildlife is displaced from the disturbances.

Impacts on wildlife would likely occur under all alternatives because of the loss of habitat. The success of disturbed land reclamation, both short- and long-term, would determine the duration of impacts. Given the constancy of all other stressors, the potential for cumulative impacts would be greatest under Alternative A because of anticipated increases in development and fewer restrictions on such activity on public lands.

There are no pending APD actions for any of the proposed parcels. Potentially significant impacts to migration and big game habitats were forecast to occur as a result of development in the approved project areas. These parcels would contribute and potentially expand the environmental effects. Within the Green River RMP FEIS (at 462) impact analysis indicates that “the capability of habitat to meet herd unit objective levels would likely be significantly affected” in the Sublette HU. Development of parcels in combination with other existing and/or future development could contribute to these significant impacts.

Where parcels are located outside of approved project areas, and if they are developed, an increase in exploratory activity could occur if conditions are favorable. Due to the scattered nature of the parcels, this activity could occur where there is little to no development currently. Due to the fractured nature of the fluid mineral estate in the HPD and in SE WY, most development is being sited on private or state lands resulting in off-lease federal production. In these cases, the State of Wyoming has primary jurisdiction for ensuring operations are compliant with state rules for the protection of surface lands.

The likelihood of an increase in activity in the HDD is likely low while continued exploratory and some development activity increases in the HPD. Exploratory and development activity could increase in the WR/BBD due to the number of previously nominated parcels, however, it is unknown as to what extent. Typically, less than 50% of all leases issued are explored. Further information concerning BLM leasing statistics can be located at: <https://www.blm.gov/programs-energy-and-minerals-oil-and-gas-oil-and-gas-statistics>. Results of this lease sale are expected to be consistent. To the extent that existing oil and gas development is affecting big game herds, those impacts are expected to continue. New development would be consistent with current projections in the RMPs and are not expected to be at a level that would cause significant impacts beyond those reflected in the RMP FEIS'. Impacts from other risk factors are expected to continue.

Best management practices will be considered and where required by stipulation, a mitigation plan will be developed to ensure that RMP objectives are achieved. Lease Notices and coordination with State Agencies will ensure cooperation and coordination across jurisdictions increasing the consistency in application of mitigation and consideration of cumulative impacts. Master development plans will be considered as appropriate.

Conditions at the time an APD is submitted will be assessed for significance; the need for additional mitigation will also be determined at the time development is proposed. All future projects will under-go site-specific review, and preparation of an environmental record of review will occur in accordance with Federal law, regulation, and policy.

While parcels containing lands within the designated migration corridors are being offered without any stipulations controlling occupancy, those parcels which contain mapped migratory corridor boundaries have sufficient acreage outside of the affected habitat to site infrastructure, should the parcel move to development. The State of Wyoming/WGFD, has not objected to offering any of the parcels proposed to be offered. The two agencies continue to cooperate in accordance with Secretarial Order 3362 and the BLM-WGFD Memorandum of Understanding.

All oil and gas projects in the state are subject to State of Wyoming rules and require approval of an Application for Permit to Drill by both agencies if the proposal involves production of the Federal mineral estate.

Monitoring and the use of adaptive management will continue in accordance with any applicable decision. As data is collected and made available, it will be considered at the time development is proposed, if a parcel is sold, a lease issued and development proposed.

Additional information on cumulative impacts to big game and big game habitats are provided in the ARMPA at pages 4-423 – 4-427, 4-562, 4-508; the Pinedale RMP FEIS 4-294 – 296, GR RMP FEIS 462.

In consideration of the above, no significant cumulative impacts are expected from the offering of the one parcel located in mule deer CWR or to migrating animals and/or the continued use and function of the Baggs migration corridor from offering the proposed parcels for sale.

4.0 Appendices

4.1 Lease Sale Parcel List with Proposed Stipulations and Noted Deletions/Deferrals

WY202X-XX-1081

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 63 W., 6TH PM

Sec. 2 LOTS 2 thru 4;

Sec. 2 S1/2NE1/4,

S1/2NW1/4,SW1/4,N1/2SE1/4;

Sec. 3 LOTS 1 thru 4;

Sec. 3

S1/2NE1/4,S1/2NW1/4,S1/2;

Sec. 4 SE1/4SE1/4;

Sec. 6 LOTS 1, 2;

Sec. 6 S1/2NE1/4.

Niobrara County

1348.82 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area

Paleontological Values

WY NFO_NSO_BEN

BLM Stipulations for Bald

Eagle Nests

WY NFO_NSO_RN

BLM Stipulations for Raptor
Nests

WY NFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016652

WY202X-XX-1086

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 63 W., 6TH PM

Sec. 7 NE1/4;

Sec. 8 NW1/4NE1/4, NW1/4,

N1/2SW1/4, NW1/4SE1/4;

Sec. 10 W1/2,S1/2SE1/4.

Niobrara County

880 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area

Paleontological Values

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016653

WY202X-XX-7154

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 63 W., 6TH PM

Sec. 14 S1/2SE1/4,

SE1/4SW1/4;

Sec. 15 N1/2NE1/4,

SE1/4SE1/4;

Sec. 22 NE1/4NE1/4,

W1/2NW1/4,W1/2SW1/4,

SE1/4SW1/4;

Sec. 23 NW1/4NE1/4,

N1/2NW1/4;

Sec. 24 W1/2SW1/4,

SW1/4NW1/4.

Niobrara County

720 Acres

Stipulations:

WY NFO_CSU_IT

BLM Stipulations for Historic
Trails 1/4 mile

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area

Paleontological Values

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.

Mineral Leasing Act

requirements with respect to
coal leasing
EOI# WY00016654

WY202X-XX-7157

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 63 W., 6TH PM

Sec. 20 NE1/4,
NE1/4NW1/4,S1/2NW1/4,N1/2
SW1/4,N1/2SE1/4;
Sec. 21 ALL;
Sec. 27 W1/2, SE1/4;
Sec. 28
N1/2NE1/4,N1/2NW1/4,SW1/4
NW1/4, W1/2SW1/4;
Sec. 30 E1/2SW1/4;
Sec. 31 LOTS 1, 2;
Sec. 31 SE1/4NW1/4.

Niobrara County

2037.7 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area
Paleontological Values

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act

requirements with respect to
coal leasing
EOI# WY00016655

WY202X-XX-1091

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 63 W., 6TH PM

Sec. 29 E1/2SE1/4,
SW1/4SE1/4;
Sec. 32 E1/2, E1/2NW1/4,
SW1/4;
Sec. 33 W1/2NE1/4, NW1/4.

Niobrara County

920 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area
Paleontological Values

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016658

WY202X-XX-7151

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 37 N., R. 63 W., 6TH PM

Sec. 1 LOTS 1;
Sec. 1 SE1/4NE1/4,
SW1/4NW1/4, W1/2SW1/4,
SW1/4SE1/4, NE1/4SE1/4;
Sec. 2 SE1/4SE1/4;
Sec. 6 LOTS 3 thru 7;
Sec. 6
S1/2NE1/4,SE1/4NW1/4,E1/2S
W1/4,N1/2SE1/4,SW1/4SE1/4;
Sec. 7 LOTS 1 thru 4.

Niobrara County

1010.89 Acres

Stipulations:

WY NFO_NSO_BEN

BLM Stipulations for Bald
Eagle Nests

WY NFO_NSO_RN

BLM Stipulations for Raptor
Nests

WY NFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016659

WY202X-XX-0862

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 37 N., R. 63 W., 6TH PM

Sec. 8 NW1/4NE1/4.

Niobrara County

40 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area

Paleontological Values

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016367

WY202X-XX-7149

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 37 N., R. 63 W., 6TH PM

Sec. 11 NE1/4SE1/4;

Sec. 12 W1/2NW1/4,

S1/2SW1/4;

Sec. 13 N1/2NE1/4,

E1/2NW1/4, S1/2SW1/4,
NE1/4SE1/4,S1/2SE1/4.

Niobrara County

560 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area

Paleontological Values

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016660

WY202X-XX-7150

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 37 N., R. 63 W., 6TH PM

Sec. 17 SW1/4NW1/4,

N1/2NW1/4;

Sec. 18 E1/2;

Sec. 19 NE1/4;

Sec. 20 W1/2NE1/4,

SW1/4NW1/4,W1/2SE1/4.

Niobrara County

800 Acres

Stipulations:

WY NFO_NSO_BEN

BLM Stipulations for Bald
Eagle Nests

WY NFO_NSO_RN

BLM Stipulations for Raptor
Nests

WY NFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016661

WY202X-XX-1076

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 37 N., R. 63 W., 6TH PM

Sec. 24 NW1/4NW1/4,

N1/2NE1/4, SE1/4NE1/4,

NE1/4SE1/4, S1/2SW1/4,

S1/2SE1/4;

Sec. 25 W1/2NE1/4;

Sec. 26 NE1/4,

W1/2NW1/4,W1/2SW1/4;

Sec. 27 NW1/4;

Sec. 28 N1/2SE1/4,

SE1/4SE1/4.

Niobrara County

1040 Acres
 Stipulations:
WY NFO_CSU_LCFA
 BLM Stipulations for Lance
 Creek Fossil Area
 Paleontological Values
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
 EOI# WY00016662

WY202X-XX-1213
 WY, Newcastle Field Office,
 Bureau of Land Management,
 PD
T. 37 N., R. 63 W., 6TH PM
 Sec. 28 W1/2NW1/4,
 NW1/4SW1/4;
 Sec. 29 E1/2NE1/4, N1/2SE1/4.
 Niobrara County
 280 Acres
 Stipulations:
WY NFO_CSU_LCFA
 BLM Stipulations for Lance
 Creek Fossil Area
 Paleontological Values
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to

Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
 EOI# WY00016686

WY202X-XX-1077
 WY, Newcastle Field Office,
 Bureau of Land Management,
 PD
T. 37 N., R. 63 W., 6TH PM
 Sec. 30 LOTS 1 thru 4;
 Sec. 30 E1/2NW1/4,
 NE1/4SW1/4, NW1/4SE1/4;
 Sec. 31 E1/2NE1/4,
 NW1/4NE1/4, E1/2SE1/4;
 Sec. 32 NW1/4NW1/4;
 Sec. 33 NE1/4, NE1/4SE1/4;
 Sec. 35 SW1/4SE1/4.
 Niobrara County
 803.92 Acres
 Stipulations:
WY NFO_CSU_LCFA
 BLM Stipulations for Lance
 Creek Fossil Area
 Paleontological Values
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2

BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
 EOI# WY00016663

WY202X-XX-7081
 WY, Newcastle Field Office,
 Forest Service: THUNDER
 BASIN NG, PD
T. 42 N., R. 63 W., 6TH PM
 Sec. 3 S1/2;
 Sec. 8 S1/2.
 Weston County
 640 Acres
 Stipulations:
TBNG2002-CSU-03
 SMA Stipulations for Fossils
TBNG2002-NSO-02
 SMA Stipulations for Slopes
 Between 25-40%
 For the following lands:
 T. 42 N., R. 63 W., 6TH PM,
 Sec. 3 S1/2 (PORTIONS OF
 S1/2); Sec. 8 S1/2 (PORTIONS
 OF NE1/4SW1/4, S1/2SW1/4,
 W1/2SE1/4);
TBNG2002-NSO-06
 SMA Stipulations for Golden
 Eagle, Merlin,
 Ferruginous/Swainson's Hawk,
 & Burrowing Owl Nests
 For the following lands:
 T. 42 N., R. 63 W., 6TH PM,
 Sec. 3 S1/2 (PORTIONS OF
 SW1/4SW1/4); Sec. 8 S1/2;

TBNG2002-TL-01

SMA Stipulations for
Ferruginous & Swainson's hawk
nests

For the following lands:

T. 42 N., R. 63 W., 6TH PM,
Sec. 3 S1/2 (SW1/4SW1/4;
PORTIONS OF N1/2SW1/4,
SE1/4SW1/4); Sec. 8 S1/2
(PORTIONS OF S1/2SW1/4,
SW1/4SE1/4);

TBNG-R2-FS-2820-13 Lease Notice

SMA Stipulations for Forest
Service Notice

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.**1**

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.**2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.**3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016681

WY202X-XX-7124

WY, Rawlins Field Office,
Bureau of Land Management,
PD

T. 17 N., R. 64 W., 6TH PM

Sec. 12 E1/2SW1/4, SE1/4;
Sec. 18 LOTS 1,2;

Sec. 18 NE1/4, E1/2NW1/4.
Laramie County

557.31 Acres

Stipulations:

WY RFO_TLS_MPN

BLM Stipulations for Mountain
Plover Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.**1**

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.**2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.**3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016645

WY202X-XX-0938

WY, Rawlins Field Office,
Bureau of Land Management,
PD

T. 18 N., R. 64 W., 6TH PM

Sec. 12 E1/2NW1/4.

Laramie County

80 Acres

Stipulations:

WY RFO_TLS_MPN

BLM Stipulations for Mountain
Plover Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.**1**

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.**2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.**3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00015843

WY202X-XX-7169

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 64 W., 6TH PM

Sec. 1 LOTS 4;

Sec. 1 SW1/4NW1/4,
E1/2SW1/4, SE1/4;

Sec. 2 LOTS 1 thru 4;
Sec. 2

S1/2NE1/4, S1/2NW1/4, S1/2;

Sec. 3 LOTS 3, 4;

Sec. 3 S1/2NW1/4, SW1/4;

Sec. 5 LOTS 1 thru 4;

Sec. 5 S1/2NE1/4, S1/2NW1/4,
S1/2;

Sec. 6 LOTS 1, 2, 5, 6, 7;

Sec. 6 S1/2NE1/4,
SE1/4NW1/4, SE1/4SW1/4,
S1/2SE1/4.

Niobrara County

2403.78 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance
Creek Fossil Area

Paleontological Values

WY NFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016665

WY202X-XX-1114

WY, Newcastle Field Office, Bureau of Land Management, PD

T. 36 N., R. 64 W., 6TH PM

Sec. 7 LOTS 1 thru 4;

Sec. 7 SE1/4NW1/4, E1/2SW1/4;

Sec. 11 W1/2NE1/4, NW1/4SE1/4, S1/2SE1/4;

Sec. 13 SW1/4NW1/4, NW1/4SW1/4, E1/2SW1/4, SW1/4SE1/4.

Niobrara County

706.4 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance Creek Fossil Area

Paleontological Values

WY NFO_NSO_RN

BLM Stipulations for Raptor Nests

WY NFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016666

WY202X-XX-7171

WY, Newcastle Field Office, Bureau of Land Management, PD

T. 36 N., R. 64 W., 6TH PM

Sec. 18 LOTS 2 thru 4;

Sec. 18 NE1/4,SE1/4NW1/4;

Sec. 19 LOTS 1 thru 4;

Sec. 19

E1/2NW1/4,E1/2SW1/4, E1/2; Sec. 25 SE1/4NE1/4, SW1/4SE1/4.

Niobrara County

1088.55 Acres

Stipulations:

WY NFO_NSO_BEN

BLM Stipulations for Bald Eagle Nests

WY NFO_TLS_MPN

BLM Stipulations for Mountain Plover Nesting

WY_NFO_TLS_PHMAC

BLM Stipulations for Greater Sage-Grouse Breeding, Nesting and Early Brood-Rearing Habitats - Priority Management Areas (PMAs)

WY NFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016667

WY202X-XX-1113

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 64 W., 6TH PM

Sec. 28 E1/2SW1/4.

Niobrara County

80 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance

Creek Fossil Area

Paleontological Values

WY Std Lease Notice No. 1

BLM Lease Notice for

Reasonable Measures to

Minimize Adverse Impacts to

Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National

Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater

Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic

Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for

Endangered Species Act Section

7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple

Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for

Attachment to Each Lease.

Mineral Leasing Act

requirements with respect to

coal leasing

EOI# WY00016667

WY202X-XX-1107

WY, Newcastle Field Office,

Bureau of Land Management,

PD

T. 36 N., R. 64 W., 6TH PM

Sec. 30 SE1/4NE1/4;

Sec. 31 SE1/4;

Sec. 34 S1/2.

Niobrara County

520 Acres

Stipulations:

WY NFO_CSU_LCFA

BLM Stipulations for Lance

Creek Fossil Area

Paleontological Values

WY NFO_TLS_RN

BLM Stipulations for Raptor

Nests

WY Std Lease Notice No. 1

BLM Lease Notice for

Reasonable Measures to

Minimize Adverse Impacts to

Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National

Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater

Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic

Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for

Endangered Species Act Section

7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple

Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for

Attachment to Each Lease.

Mineral Leasing Act

requirements with respect to

coal leasing

EOI# WY00016668

WY202X-XX-7016

WY, Newcastle Field Office,

Forest Service: THUNDER

BASIN NG, ACQ

T. 48 N., R. 65 W., 6TH PM

Sec. 8 W1/2NE1/4,

NW1/4SE1/4;

Sec. 17 SW1/4NW1/4,

N1/2SW1/4, SE1/4SW1/4,

SE1/4.

Weston County

440 Acres

Stipulations:

TBNG2002-CSU-03

SMA Stipulations for Fossils

TBNG2002-CSU-07

BLM Stipulations for Scenery-

Scenic Integrity Areas

For the following lands:

T. 48 N., R. 65 W., 6TH PM,

Sec. 8 W1/2NE1/4,

NW1/4SE1/4 ; Sec. 17

SW1/4NW1/4, N1/2SW1/4,

SE1/4SW1/4, SE1/4;

TBNG2002-NSO-02

SMA Stipulations for Slopes

Between 25-40%

For the following lands:

T. 48 N., R. 65 W., 6TH PM,

Sec. 8 W1/2NE1/4,

NW1/4SE1/4 (PORTIONS OF

NW1/4SE1/4); Sec. 17

SW1/4NW1/4, N1/2SW1/4,

SE1/4SW1/4, SE1/4;

TBNG2002-TL-01

SMA Stipulations for

Ferruginous & Swainson's hawk

nests

For the following lands:

T. 48 N., R. 65 W., 6TH PM,

Sec. 8 W1/2NE1/4,

NW1/4SE1/4; Sec. 17

SW1/4NW1/4, N1/2SW1/4,

SE1/4SW1/4, SE1/4

(PORTIONS OF

SW1/4NW1/4);

TBNG-R2-FS-2820-13 Lease

Notice

SMA Stipulations for Forest

Service Notice

WY Std Lease Notice No. 1

BLM Lease Notice for

Reasonable Measures to

Minimize Adverse Impacts to

Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National

Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater

Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic

Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for

Endangered Species Act Section

7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple

Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016628

WY202X-XX-1316

WY, Newcastle Field Office,
Bureau of Land Management,
PD

T. 38 N., R. 66 W., 6TH PM

Sec. 1 SE1/4NE1/4,SW1/4;
Sec. 2 LOTS 3,4;
Sec. 2 S1/2NW1/4,S1/2;
Sec. 11 NW1/4, N1/2SW1/4,
SE1/4SW1/4, SE1/4.

Niobrara County

1119.72 Acres

Stipulations:

WY NFO_NSO_RN

BLM Stipulations for Raptor
Nests

WY NFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act

requirements with respect to
coal leasing

WY SW_CSU_PHMA

BLM Stipulations for Greater
Sage-Grouse Priority Habitat
Management Areas (PHMAs) -
Core Only

WY SW_TLS_PHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Inside Priority Habitat
Management Areas (Core only)

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater
Sage-Grouse Winter
Concentration Areas
EOI# WY00015002

WY202X-XX-7020

WY, Newcastle Field Office,
Forest Service: THUNDER
BASIN NG, PD

T. 48 N., R. 66 W., 6TH PM

Sec. 4 SW1/4NW1/4;

Sec. 5 SE1/4NE1/4.

Weston County

80 Acres

Stipulations:

TBNG2002-CSU-03

SMA Stipulations for Fossils

TBNG-R2-FS-2820-13 Lease Notice

SMA Stipulations for Forest
Service Notice

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016624

WY202X-XX-0934

WY, Newcastle Field Office,
Forest Service: THUNDER
BASIN NG, PD

T. 48 N., R. 66 W., 6TH PM

Sec. 13

NW1/4NE1/4,SE1/4NE1/4;
Sec. 13 NE1/4NE1/4 (EXCL
1.30 AC IN RR ROW
WYW0119068).

Weston County

118.7 Acres

Stipulations:

TBNG2002-CSU-03

SMA Stipulations for Fossils

TBNG2002-CSU-07

BLM Stipulations for Scenery-
Scenic Integrity Areas

TBNG2002-NSO-01

BLM Stipulations for Slopes >
40%

For the following lands:

T. 48 N., R. 66 W., 6TH PM,
Sec. 13

NW1/4NE1/4,SE1/4NE1/4
(PORTIONS OF NW1/4NE1/4,
SE1/4NE1/4), NE1/4NE1/4
(EXCL 1.30 AC IN RR ROW
WYW0119068);

TBNG2002-NSO-02

SMA Stipulations for Slopes
Between 25-40%

For the following lands:

T. 48 N., R. 66 W., 6TH PM,
Sec. 13

NW1/4NE1/4,SE1/4NE1/4
(PORTIONS OF NW1/4NE1/4,
SE1/4NE1/4), NE1/4NE1/4
(EXCL 1.30 AC IN RR ROW
WYW0119068)nPORTIONS
OF NE1/4NE1/4 EXCL 1.30
AC IN RR ROW
WYW0119068;;

TBNG2002-NSO-06

SMA Stipulations for Golden
Eagle, Merlin,

Ferruginous\Swainson's Hawk,
& Burrowing Owl Nests
For the following lands:
T. 48 N., R. 66 W., 6TH PM,
Sec. 13
NW1/4NE1/4,SE1/4NE1/4
(PORTIONS OF NW1/4NE1/4,
SE1/4NE1/4)n, NE1/4NE1/4
(EXCL 1.30 AC IN RR ROW
WYW0119068)n(PORTIONS
OF NE1/4NE1/4 EXCL 1.30
AC IN RR ROW
WYW0119068);
TBNG2002-NSO-07
BLM Stipulations for Sharp-
tailed Grouse and Sage Grouse
Display Grounds
TBNG2002-TL-02
SMA Stipulations for Golden
Eagle Nests
For the following lands:
T. 48 N., R. 66 W., 6TH PM,
Sec. 13
NW1/4NE1/4,SE1/4NE1/4
(NW1/4NE1/4, SE1/4NE1/4),
NE1/4NE1/4 (EXCL 1.30 AC
IN RR ROW
WYW0119068)n(NE1/4NE1/4
EXCL 1.30 AC IN RR ROW
WYW0119068);
TBNG2002-TL-04
BLM Stipulations for Sharp-
tailed Grouse Display Grounds
**TBNG-R2-FS-2820-13 Lease
Notice**
SMA Stipulations for Forest
Service Notice
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**
BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016629

WY202X-XX-0869
WY, Newcastle Field Office,
Bureau of Land Management,
PD
T. 49 N., R. 66 W., 6TH PM
Sec. 28 LOTS 1 thru 16;
Sec. 29 LOTS 1 thru 10;
Sec. 32 LOTS 11;
Sec. 33 LOTS 7,8.
Crook County
1183.24 Acres
Stipulations:
WY NFO_CSU_BYRQTRM
BLM Stipulations for Black and
Yellow Road Cultural and
Scenic Values
WY NFO_NSO_RN
BLM Stipulations for Raptor
Nests
WY NFO_TLS_PHMAC
BLM Stipulations for Greater
Sage-Grouse Breeding, Nesting
and Early Brood-Rearing
Habitats Inside PHMA
(Connectivity only)
WY NFO_TLS_RN
BLM Stipulations for Raptor
Nests
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016284

WY202X-XX-7059
WY, Rawlins Field Office,
Bureau of Land Management,
PD
T. 18 N., R. 67 W., 6TH PM
Sec. 10 SE1/4NW1/4.
Laramie County
40 Acres
Stipulations:
WY RFO_TLS_MPN
BLM Stipulations for Mountain
Plover Nests
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**
BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016389

WY202X-XX-1033

WY, Casper Field Office, Bureau of Land Management, PD
T. 40 N., R. 68 W., 6TH PM
Sec. 20
E1/2E1/2SW1/4,S1/2SE1/4;
Sec. 23 N1/2;
Sec. 24 NE1/4NW1/4;
Sec. 25
N1/2,N1/2SW1/4,SE1/4SW1/4, SE1/4.

Converse County
1080 Acres

Stipulations:

WY CFO_TLS_MPN

BLM Stipulations for Mountain Plover Nesting

WY CFO_TLS_NR

BLM Stipulations for Nesting Raptors

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act

requirements with respect to coal leasing
EOI# WY00016407

WY202X-XX-6979

WY, Newcastle Field Office, Bureau of Land Management, PD

T. 50 N., R. 68 W., 6TH PM
Sec. 14 LOTS 1,2.

Crook County

82.95 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00016292

WY202X-XX-0939

WY, Newcastle Field Office, Bureau of Land Management, PD

T. 54 N., R. 68 W., 6TH PM
Sec. 14 LOTS 2,5.

Crook County

80.95 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015842

WY202X-XX-0940

WY, Newcastle Field Office, Bureau of Land Management, PD

T. 54 N., R. 68 W., 6TH PM
Sec. 20 LOTS 3,6.

Crook County

82.59 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015847

WY202X-XX-6977

WY, Newcastle Field Office, Bureau of Land Management, PD

T. 54 N., R. 68 W., 6TH PM

Sec. 28 LOTS 1;

Sec. 29 LOTS 9.

Crook County

78.54 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act

requirements with respect to coal leasing
EOI# WY00016377

WY202X-XX-7018

WY, Newcastle Field Office, Forest Service: THUNDER BASIN NG, PD

T. 55 N., R. 68 W., 6TH PM

Sec. 19 W1/2.

Crook County

320 Acres

Stipulations:

TBNG2002-CSU-03

SMA Stipulations for Fossils

TBNG2002-NSO-02

SMA Stipulations for Slopes Between 25-40%

For the following lands:

T. 55 N., R. 68 W., 6TH PM, Sec. 19 W1/2 (PORTIONS OF NE1/4NW1/4, S1/2NW1/4, N1/2SW1/4, SW1/4SW1/4) ;

TBNG2002-NSO-07

BLM Stipulations for Sharp-tailed Grouse and Sage Grouse Display Grounds

For the following lands:

T. 55 N., R. 68 W., 6TH PM, Sec. 19 W1/2 (PORTIONS OF NW1/4);

TBNG2002-TL-04

BLM Stipulations for Sharp-tailed Grouse Display Grounds

TBNG-R2-FS-2820-13 Lease Notice

SMA Stipulations for Forest Service Notice

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016621

WY202X-XX-7021

WY, Casper Field Office, Bureau of Land Management, PD

T. 36 N., R. 69 W., 6TH PM

Sec. 23

N1/2NE1/4,NW1/4NW1/4;

Sec. 24

N1/2,S1/2SW1/4,NE1/4SE1/4,S 1/2SE1/4;

Sec. 25

N1/2,SW1/4,N1/2SE1/4;

Sec. 26

NE1/4NE1/4,S1/2NE1/4,SE1/4.

Converse County

1480 Acres

Stipulations:

WY CFO_TLS_MPN

BLM Stipulations for Mountain Plover Nesting

WY CFO_TLS_NR

BLM Stipulations for Nesting Raptors

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00015969

WY202X-XX-7193

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 39 N., R. 69 W., 6TH PM

Sec. 20 NW1/4NW1/4,
SW1/4SW1/4.

Converse County

80 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.

Mineral Leasing Act
requirements with respect to

coal leasing

EOI# WY00016650

WY202X-XX-7126

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 40 N., R. 69 W., 6TH PM

Sec. 11 SE1/4SW1/4;

Sec. 12 SW1/4.

Converse County

200 Acres

Stipulations:

WY CFO_NSO_BEN

BLM Stipulations for Bald
Eagle Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.

Mineral Leasing Act
requirements with respect to

coal leasing

EOI# WY00016411

WY202X-XX-1083

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 41 N., R. 69 W., 6TH PM

Sec. 1 LOTS 5,6,11 thru 14,20;

Sec. 2 LOTS 7 thru 10,15 thru
18;

Sec. 9 LOTS 9, 15, 16;

Sec. 10 SE1/4NE1/4;

Sec. 11 LOTS 4,5.

Campbell County

841.19 Acres

Stipulations:

WY BFO_CSU_EC

BLM Stipulations for Elk

Calving Areas

WY BFO_CSU_ECWC

BLM Stipulations for Elk

Crucial Winter Range and Elk

Calving Areas

WY BFO_CSU_PD

BLM Stipulations for Prairie
Dog Colonies

WY BFO_CSU_RN

BLM Stipulations for Raptor
Nests. Within spatial buffers

recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil
Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SLR

BLM Stipulations for Limited
Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes
Greater than 50%

WY BFO_TLS_EC

BLM Stipulations for Elk
Calving Areas

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor
Nests (Non-Special Status
Species)

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to

Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00016445

WY202X-XX-7152

WY, Casper Field Office, Bureau of Land Management, PD

T. 41 N., R. 69 W., 6TH PM

Sec. 33 LOTS 9, 10, 15, 16;
Sec. 34 LOTS 5, 6, 11 thru 14.
Converse County
383.84 Acres

Stipulations:

WY CFO_TLS_MPN

BLM Stipulations for Mountain Plover Nesting

WY CFO_TLS_NR

BLM Stipulations for Nesting Raptors

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00016449

WY202X-XX-7123

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 42 N., R. 69 W., 6TH PM

Sec. 25 LOTS 2 thru 4;
Sec. 26 LOTS 1,4;
Sec. 35 LOTS 1 thru 16.
Campbell County
906.89 Acres

Stipulations:

WY BFO_CSU_EC

BLM Stipulations for Elk Calving Areas

WY BFO_CSU_ECWC

BLM Stipulations for Elk Crucial Winter Range and Elk Calving Areas

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_TLS_EC

BLM Stipulations for Elk Calving Areas

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting,

etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016583

WY202X-XX-0942

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 44 N., R. 69 W., 6TH PM

Sec. 18 LOTS 5 thru 8, 11.

Campbell County

205.27 Acres

Stipulations:

WY BFO_CSU_RN

BLM Stipulations for Raptor

Nests. Within spatial buffers

recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil

Erosion

WY BFO_CSU_SLR

BLM Stipulations for Limited

Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for

Amphibian Species Breeding,

Sheltering, and Hibernation

Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife

Habitat for Special Status

Species

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor

Nests (Non-Special Status

Species)

WY Std Lease Notice No. 1

BLM Lease Notice for

Reasonable Measures to

Minimize Adverse Impacts to

Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National

Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater

Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic

Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for

Attachment to Each Lease.

Mineral Leasing Act

requirements with respect to

coal leasing

EOI# WY00016073

WY202X-XX-7012

WY, Buffalo Field Office,

Bureau of Land Management,

PD

T. 45 N., R. 69 W., 6TH PM

Sec. 13 LOTS 5,9,10;

Sec. 14 LOTS 1,2,7 thru

10,15,16;

Sec. 23 LOTS 1,2,7,8,10 thru

13;

Sec. 24 LOTS 4,5;

Sec. 25 LOTS 5,6;

Sec. 26 LOTS 3 thru 8.

Campbell County

1197.7 Acres

Stipulations:

WY BFO_CSU_RN

BLM Stipulations for Raptor

Nests. Within spatial buffers

recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil

Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes

Greater than 25% and Less than

50%

WY BFO_CSU_SLR

BLM Stipulations for Limited

Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for

Amphibian Species Breeding,

Sheltering, and Hibernation

Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat

Species Breeding, Nursery,

Roosting, and Hibernation

Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor

Nests (Non-Special Status

Species)

WY Std Lease Notice No. 1

BLM Lease Notice for

Reasonable Measures to

Minimize Adverse Impacts to

Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National

Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater

Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic

Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for

Endangered Species Act Section

7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple

Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for

Attachment to Each Lease.

Mineral Leasing Act

requirements with respect to

coal leasing

EOI# WY00016087

WY202X-XX-6985

WY, Buffalo Field Office,

Forest Service: THUNDER

BASIN NG, ACQ

T. 54 N., R. 69 W., 6TH PM

Sec. 24 LOTS 1 thru 8.

Campbell County

325.21 Acres

Stipulations:

TBNG2002-CSU-03

SMA Stipulations for Fossils

TBNG2002-NSO-01

BLM Stipulations for Slopes >

40%

For the following lands:

T. 54 N., R. 69 W., 6TH PM,
Sec. 24 LOTS 1-8 (PORTIONS
OF LOTS 1-4, 6-8);

TBNG2002-NSO-02

SMA Stipulations for Slopes
Between 25-40%

For the following lands:

T. 54 N., R. 69 W., 6TH PM,
Sec. 24 LOTS 1-8 (PORTIONS
OF LOTS 1-4, 6-8);

**TBNG-R2-FS-2820-13 Lease
Notice**

SMA Stipulations for Forest
Service Notice

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016622

WY202X-XX-7019

WY, Buffalo Field Office,
Forest Service: THUNDER
BASIN NG, ACQ
. 54 N., R. 69 W., 6TH PM
Sec. 25 LOTS 1 thru 4.

Campbell County
164.37 Acres

Stipulations:

TBNG2002-CSU-03

SMA Stipulations for Fossils

TBNG2002-NSO-02

SMA Stipulations for Slopes
Between 25-40%

For the following lands:

T. 54 N., R. 69 W., 6TH PM,
Sec. 25 LOTS 1-4 (PORTIONS
OF LOTS 1-4);

**TBNG-R2-FS-2820-13 Lease
Notice**

SMA Stipulations for Forest
Service Notice

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016623

WY202X-XX-7215

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 37 N., R. 70 W., 6TH PM

Sec. 4 SE1/4SW1/4, SE1/4;

Sec. 5 LOTS 1 thru 4;

Sec. 5 S1/2NE1/4, S1/2NW1/4,
SW1/4SE1/4;

Sec. 9 N1/2NE1/4.

Converse County
636.41 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00017099

WY202X-XX-1131

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 40 N., R. 70 W., 6TH PM

Sec. 3 LOTS 8;

Sec. 4 LOTS 12.

Converse County

35.64 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016417

WY202X-XX-7048

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 45 N., R. 70 W., 6TH PM

Sec. 13 LOTS 11 thru 14;
Sec. 24 LOTS 1 thru 6, 8.

Campbell County

453.17 Acres

Stipulations:

WY BFO_CSU_GSGRH

BLM Stipulations for Greater Sage-Grouse Habitat Restoration

WY BFO_CSU_PHMAC

BLM Stipulations for Greater Sage-Grouse Priority Habitat Management Areas (Connectivity Only)

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_SSRN

BLM Stipulations for Raptor Nest Sites (Special Status Species)

WY BFO_TLS_PHMAL

BLM Stipulations for Greater Sage-Grouse Breeding, Nesting and Early Brood-Rearing Habitats inside PHMA (Core only)

WY BFO_TLS_SSRN

BLM Stipulations for Raptor Nests (Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016085

WY202X-XX-0943

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 47 N., R. 70 W., 6TH PM

Sec. 13 LOTS 2,7,10,15.

Campbell County

160.93 Acres

Stipulations:

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50
BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016074

WY202X-XX-1210

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 57 N., R. 70 W., 6TH PM

Sec. 27 S1/2NW1/4,

N1/2SW1/4, W1/2SE1/4;

Sec. 33
S1/2NE1/4,N1/2SE1/4,SE1/4SE
1/4;
Sec. 34 NW1/4NE1/4;
Sec. 35
W1/2NE1/4,NW1/4,S1/2;
Sec. 36 SW1/4SW1/4.
Campbell County
1080 Acres
Stipulations:
WY BFO_CSU_FQM
BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species
WY BFO_CSU_H20500F
BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
springs, reservoirs, etc.
WY BFO_CSU_RN
BLM Stipulations for Raptor
Nests. Within spatial buffers
recommended by USFWS
WY BFO_CSU_SE
BLM Stipulations for Soil
Erosion
WY BFO_CSU_Slopes25to50
BLM Stipulations for Slopes
Greater than 25% and Less than
50%
WY BFO_CSU_SLR
BLM Stipulations for Limited
Reclamation Potential Areas
WY BFO_CSU_SSWLA
BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat
WY BFO_CSU_SSWLH
BLM Stipulations for Wildlife
Habitat for Special Status
Species
WY BFO_TLS_NSSRN
BLM Stipulations for Raptor
Nests (Non-Special Status
Species)
WY BFO_TLS_SSRN
BLM Stipulations for Raptor
Nests (Special Status Species)
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**
BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00017024

WY202X-XX-1277
WY, Buffalo Field Office,
Bureau of Land Management,
PD
T. 57 N., R. 70 W., 6TH PM
Sec. 33 N1/2NE1/4.
Campbell County
80 Acres
Stipulations:
WY BFO_CSU_FQM
BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species
WY BFO_CSU_H20500F
BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
springs, reservoirs, etc.
WY BFO_CSU_RN
BLM Stipulations for Raptor
Nests. Within spatial buffers
recommended by USFWS
WY BFO_CSU_SSWLH
BLM Stipulations for Wildlife
Habitat for Special Status
Species
WY BFO_TLS_NSSRN

BLM Stipulations for Raptor
Nests (Non-Special Status
Species)
WY BFO_TLS_SSRN
BLM Stipulations for Raptor
Nests (Special Status Species)
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**
BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00017091

WY202X-XX-7015
WY, Buffalo Field Office,
Forest Service: THUNDER
BASIN NG, PD
T. 53 N., R. 71 W., 6TH PM
Sec. 1 LOTS 5 thru 12.
Campbell County
319.27 Acres
Stipulations:
TBNG2002-CSU-03
SMA Stipulations for Fossils
TBNG2002-CSU-07
BLM Stipulations for Scenery-
Scenic Integrity Areas
For the following lands:
T. 53 N., R. 71 W., 6TH PM,
Sec. 1 LOTS 5-12;
TBNG2002-NSO-01

BLM Stipulations for Slopes > 40%
 For the following lands:
 T. 53 N., R. 71 W., 6TH PM,
 Sec. 1 LOTS 5-12 (PORTIONS OF LOT 11);
TBNG2002-NSO-02
 SMA Stipulations for Slopes Between 25-40%
 For the following lands:
 T. 53 N., R. 71 W., 6TH PM,
 Sec. 1 LOTS 5-12 (PORTIONS OF LOTS 5-12);
TBNG-R2-FS-2820-13 Lease Notice
 SMA Stipulations for Forest Service Notice
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016630

WY202X-XX-1234
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 71 W., 6TH PM

Sec. 3 LOTS 5 thru 12, 14 thru 19;
 Sec. 3 SE1/4.
 Campbell County
 715.68 Acres
 Stipulations:
WY BFO_CSU_H20500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_TLS_STG
 BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00017023

WY202X-XX-1274
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 71 W., 6TH PM
 Sec. 5 LOTS 5,12 thru 14,19,20;
 Sec. 6 LOTS 8 thru 15
 Campbell County
 558.58 Acres
 Stipulations:
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_NSO_GHMAL

BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00017091

WY202X-XX-1130

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 57 N., R. 71 W., 6TH PM

Sec. 1 LOTS 8.

Campbell County

40.16 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016651

WY202X-XX-1276

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 57 N., R. 71 W., 6TH PM

Sec. 31 LOTS 5,6;

Sec. 31

NE1/4,E1/2NW1/4,N1/2SE1/4,S W1/4SE1/4.

Campbell County

439.73 Acres

Stipulations:

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to

Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00017091

WY202X-XX-1032

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 54 N., R. 72 W., 6TH PM

Sec. 5 LOTS 5, 6, 8 thru 10;

Sec. 10 LOTS 1 thru 16;

Sec. 11 LOTS 1 thru 13;

Sec. 12 LOTS 1 thru 11;

Sec. 13 LOTS 1 thru 14.

Campbell County

2456.76 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_R500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015890

WY202X-XX-1036

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 54 N., R. 72 W., 6TH PM

Sec. 14 LOTS 1 thru 16;

Sec. 15 LOTS 1 thru 16;

Sec. 22 LOTS 1 thru 10;

Sec. 23 LOTS 1 thru 16.

Campbell County

2453.01 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015891

WY202X-XX-1043
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 54 N., R. 72 W., 6TH PM
 Sec. 26 LOTS 1 thru 10;
 Sec. 27 LOTS 1 thru 15;
 Sec. 28 LOTS 1 thru 16;
 Sec. 33 LOTS 1 thru 4,6 thru 8.
 Campbell County
 1971.94 Acres
 Stipulations:
WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY BFO_TLS_STG
 BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015892

WY202X-XX-7074
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 55 N., R. 72 W., 6TH PM
 Sec. 23 LOTS 1 thru 8, 11 thru 14;
 Sec. 24 LOTS 1 thru 16;
 Sec. 25 LOTS 1, 2, 9, 10, 15, 16;
 Sec. 26 LOTS 1 thru 16;
 Sec. 32 LOTS 2.
 Campbell County
 2075.66 Acres
 Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_H20500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015894

WY202X-XX-7031
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 72 W., 6TH PM

Sec. 1 NW1/4SE1/4;
 Sec. 2 LOTS 7,17,21,22;
 Sec. 2 SE1/4SW1/4.
 Campbell County
 208.28 Acres
 Stipulations:
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSP
 BLM Stipulations for Ute Ladies'-Tresses Orchid Habitat
WY BFO_CSU_SSPF
 BLM Stipulations for Plant Habitats for Special Status Species
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY BFO_NSO_SSP
 BLM Stipulations for Plant Populations (Special Status Species)
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_STG
 BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to

Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015815

WY202X-XX-7029
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 72 W., 6TH PM
 Sec. 3 LOTS 5 thru 13;
 Sec. 4 LOTS 5,9 thru 11,14,16;
 Sec. 4 SW1/4,W1/2SE1/4.
 Campbell County
 731.28 Acres
 Stipulations:
WY BFO_CSU_H20500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSP

BLM Stipulations for Ute Ladies'-Tresses Orchid Habitat

WY BFO_CSU_SSPF

BLM Stipulations for Plant Habitats for Special Status Species

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_NSO_SSP

BLM Stipulations for Plant Populations (Special Status Species)

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015816

WY202X-XX-7030

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 56 N., R. 72 W., 6TH PM

Sec. 5 LOTS 6 thru 11, 13 thru 16;

Sec. 5 S1/2;

Sec. 6 SE1/4.

Campbell County

874.26 Acres

Stipulations:

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Area
EOI# WY00015818

WY202X-XX-0967

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 56 N., R. 72 W., 6TH PM

Sec. 7 NE1/4;

Sec. 8 LOTS 1;

Sec. 8

NW1/4, NE1/4SW1/4, N1/2SE1/4.

Campbell County

490 Acres

Stipulations:

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes
Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor
Nests (Non-Special Status
Species)

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015822

WY202X-XX-7024

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 56 N., R. 72 W., 6TH PM

Sec. 9

W1/2NW1/4, W1/2SW1/4, SE1/4

.

Campbell County

320 Acres

Stipulations:

WY BFO_CSU_RN

BLM Stipulations for Raptor
Nests. Within spatial buffers
recommended by USFWS

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SLR

BLM Stipulations for Limited
Reclamation Potential Areas

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_LN_UW

BLM Lease Notice for
Unplugged Wellbore(s) and/or
other Facilities

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes
Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor
Nests (Non-Special Status
Species)

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015824

WY202X-XX-7075

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 56 N., R. 72 W., 6TH PM

Sec. 9 NE1/4NW1/4.

Campbell County

40 Acres

Stipulations:

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SLR

BLM Stipulations for Limited
Reclamation Potential Areas

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015905

WY202X-XX-0953
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 72 W., 6TH PM
 Sec. 10 SE1/4NE1/4, SE1/4; Sec. 11 N1/2NW1/4, SW1/4NW1/4.
 Campbell County
 320 Acres
 Stipulations:
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015826

WY202X-XX-7025
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 72 W., 6TH PM
 Sec. 15
 NE1/4NE1/4,S1/2NE1/4,SE1/4.

Campbell County
 280 Acres
 Stipulations:
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015828

WY202X-XX-0968

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 56 N., R. 72 W., 6TH PM

Sec. 17 LOTS 5;
Sec. 18 LOTS 5 thru 10;
Sec. 18 NE1/4SW1/4;
Sec. 19 LOTS 7,10;
Sec. 20 LOTS 1,2.
Campbell County
289.11 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_NSO_GHMAL

BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00015830

WY202X-XX-0966

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 56 N., R. 72 W., 6TH PM

Sec. 22 LOTS 2,4 thru 6;
Sec. 22

NE1/4,NE1/4SW1/4,N1/2SE1/4

; Sec. 23 NE1/4, SW1/4.

Campbell County

686.03 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015834

WY202X-XX-0955

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 56 N., R. 72 W., 6TH PM

Sec. 24

N1/2, W1/2SW1/4, SE1/4;

Sec. 25

NE1/4, N1/2NW1/4, SE1/4NW1/4.

Campbell County

840 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015835

WY202X-XX-1054

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 56 N., R. 72 W., 6TH PM

Sec. 26 TR 62;

Sec. 26 LOTS 5 thru 8;

Sec. 27 TR 62;

Sec. 34 TR 62;

Sec. 34 LOTS 1 thru 11,13,14;

Sec. 35 TR 62;

Sec. 35 LOTS 1 thru 3, 6, 7;

Sec. 35 NE1/4.

Campbell County

1316.71 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_R500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015908

WY202X-XX-7026

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 57 N., R. 72 W., 6TH PM

Sec. 34

NE1/4,E1/2NW1/4,SW1/4NW1/4,E1/2SW1/4.

Campbell County

360 Acres

Stipulations:

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015841

WY202X-XX-1110 WYW 190964

WY, Casper Field Office, Bureau of Land Management, PD

T. 34 N., R. 73 W., 6TH PM

Sec. 32 SESW (EXCL 2.9 AC IN RSVR ROW WYC041610);

Sec. 32 NE1/4NE1/4,

E1/2NW1/4, NW1/4NW1/4,

N1/2SW1/4, SW1/4SW1/4;

Sec. 33 E1/2SE1/4 (EXCL .05 AC IN RSVR ROW

WYD05730);

Sec. 33 SE1/4NE1/4,

W1/2NE1/4,W1/2SE1/4.

Converse County

597.05 Acres

Stipulations:

WY CFO_CSU_OT3M

BLM Stipulations for Oregon Trail Cultural and Scenic Values (historic setting contributes to NRHP eligibility)

WY CFO_CSU_OTQTRM

BLM Stipulations for Oregon Trail Cultural and Scenic Values (historic setting does not contribute to NRHP eligibility)

WY CFO_NSO_BEN

BLM Stipulations for Bald Eagle Nests

WY CFO_TLS_NR

BLM Stipulations for Nesting Raptors

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

1

BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00014761

WY202X-XX-7195
 WY, Casper Field Office, Bureau of Land Management, PD
T. 39 N., R. 73 W., 6TH PM
 Sec. 15 N1/2NW1/4. Converse County
 80 Acres
 Stipulations:
WY CFO_TLS_NR
 BLM Stipulations for Nesting Raptors
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016743

WY202X-XX-7122
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 54 N., R. 73 W., 6TH PM
 Sec. 2 LOTS 5, 10;
 Sec. 8 LOTS 5, 7;
 Sec. 9 LOTS 1 thru 16;
 Sec. 14 LOTS 3, 4, 6;
 Sec. 21 LOTS 1, 2;
 Sec. 22 LOTS 8, 9;
 Sec. 27 LOTS 4;
 Sec. 28 LOTS 1, 2, 7, 13, 14;
 Sec. 31 LOTS 11 thru 14, 19, 20;
 Sec. 32 LOTS 3, 11 thru 14;
 Sec. 34 LOTS 5, 12;
 Sec. 35 LOTS 9, 10, 15, 16.
 Campbell County
 2007.63 Acres
 Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_H
 BLM Stipulations for Historic Properties Setting. Within 3 miles of named historic properties
WY BFO_CSU_H20500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_SSRN
 BLM Stipulations for Raptor Nest Sites (Special Status Species)
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_SSRN
 BLM Stipulations for Raptor Nests (Special Status Species)
WY BFO_TLS_STG
 BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.

Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_NSO_GHMAL

BLM Stipulations for Greater
Sage-Grouse Leks. Within 0.25-
mile radius of occupied leks
outside Priority Habitat
Management Areas

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015893

WY202X-XX-7174

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 55 N., R. 73 W., 6TH PM

Sec. 1 TR 39A-C,E-H;

Sec. 1 TR 64 A-C;

Sec. 1 LOTS 6 thru 8;

Sec. 2 TR 39 E;

Sec. 2 TR 64 C;

Sec. 2 LOTS 5 thru 9;

Sec. 11 TR 64 C, D;

Sec. 12 TR 64A-E,H;

Sec. 12 LOTS 1 thru 4, 6, 7;

Sec. 13 LOTS 2.

Campbell County

850.92 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species

WY BFO_CSU_PD

BLM Stipulations for Prairie
Dog Colonies

WY BFO_CSU_R500F

BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
riparian systems, wetlands, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor
Nests. Within spatial buffers
recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil
Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SLR

BLM Stipulations for Limited
Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_NSO_SSRN

BLM Stipulations for Raptor
Nest Sites (Special Status
Species)

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor
Nests (Non-Special Status
Species)

WY BFO_TLS_SSRN

BLM Stipulations for Raptor
Nests (Special Status Species)

WY BFO_TLS_STG

BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.

Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015895

WY202X-XX-7033

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 55 N., R. 73 W., 6TH PM

Sec. 5 TR 55;

Sec. 8 TR 55;

Sec. 8 TR 75;

Sec. 9 TR 60 D-F;

Sec. 9 LOTS 1;

Sec. 15 LOTS 1;

Sec. 16 LOTS 1;

Sec. 17 TR 75.

Campbell County

536.69 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species

WY BFO_CSU_PD

BLM Stipulations for Prairie
Dog Colonies

WY BFO_CSU_R500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_STG
 BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015896

WY202X-XX-7173
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 55 N., R. 73 W., 6TH PM
 Sec. 14 TR 92E;
 Sec. 14 TR 94D, 94E;
 Sec. 14 LOTS 1;
 Sec. 15 TR 92E;
 Sec. 22 TR 92E;
 Sec. 22 TR 94I;
 Sec. 23 TR 94D-I;
 Sec. 23 TR 92E;
 Sec. 23 LOTS 2 thru 6;
 Sec. 23 SW1/4, N1/2SE1/4, SW1/4SE1/4.
 Campbell County
 710.51 Acres
 Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_LN_UW
 BLM Lease Notice for Unplugged Wellbore(s) and/or other Facilities
WY BFO_NSO_SSRN
 BLM Stipulations for Raptor Nest Sites (Special Status Species)
WY BFO_TLS_SSRN
 BLM Stipulations for Raptor Nests (Special Status Species)
WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015900

WY202X-XX-7177
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 55 N., R. 73 W., 6TH PM
 Sec. 15 TR 94 A-C;
 Sec. 15 TR 92 B-D;
 Sec. 16 TR 94 A;
 Sec. 22 TR 100A,100B,100E,100F;
 Sec. 22 TR 94B,94C,94J-O;
 Sec. 22 TR 92C, 92D;
 Sec. 22 LOTS 1;
 Sec. 22 LOTS 2 N2;
 Sec. 22 E1/2SE1/4;
 Sec. 23 TR 94 J;
 Sec. 27 TR 100 E-H.
 Campbell County
 819.62 Acres

Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_SSRN
 BLM Stipulations for Raptor Nest Sites (Special Status Species)
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_SSRN
 BLM Stipulations for Raptor Nests (Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015899

WY202X-XX-7032
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 55 N., R. 73 W., 6TH PM
 Sec. 19 TR 106A;
 Sec. 29 TR 104B, C;
 Sec. 30 TR 106A, B;
 Sec. 31 TR 109;
 Sec. 32 TR 113E.
 Campbell County
 320 Acres
 Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_H
 BLM Stipulations for Historic Properties Setting. Within 3 miles of named historic properties
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_LN_UW
 BLM Lease Notice for Unplugged Wellbore(s) and/or other Facilities
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00015898

WY202X-XX-7135

WY, Buffalo Field Office,
Bureau of Land Management,
PD
T. 55 N., R. 73 W., 6TH PM
Sec. 24 W2NE, W2SE, W1/2 OF
TR 97;
Sec. 24 LOTS 2 thru 5, 9, 10;
Sec. 25 W2NE, W2SE, W1/2 OF
TR 97;
Sec. 26 NE1/4SE1/4.
Campbell County
686.8 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_RN

BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes Greater than 50%

WY BFO_NSO_SSRN

BLM Stipulations for Raptor Nest Sites (Special Status Species)

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY BFO_TLS_SSRN

BLM Stipulations for Raptor Nests (Special Status Species)

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00015902

WY202X-XX-7077

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 56 N., R. 73 W., 6TH PM

Sec. 3 LOTS 5 thru 8;

Sec. 10 LOTS 4, 5, 9 thru 16

Campbell County

538.64 Acres

Stipulations:

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015909

WY202X-XX-7078
WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 73 W., 6TH PM
Sec. 4 LOTS 10-14 OF TRACT 50;
Sec. 4 LOTS 5;
Sec. 9 LOTS 1, 2, 7 thru 10, 15, 16.
Campbell County
531.82 Acres
Stipulations:
WY BFO_CSU_SE
BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
BLM Stipulations for Wildlife Habitat for Special Status Species
WY Std Lease Notice No. 1
BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015919

WY202X-XX-7079
WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 73 W., 6TH PM
Sec. 4 LOTS 6 thru 9;
Sec. 5 LOTS 5 thru 14;
Sec. 8 LOTS 1.
Campbell County
587.31 Acres
Stipulations:
WY BFO_CSU_Slopes25to50
BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLB
BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
BLM Stipulations for Wildlife Habitat for Special Status Species
WY Std Lease Notice No. 1
BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015920

WY202X-XX-7028
WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 73 W., 6TH PM
Sec. 14 LOTS 5,7,10 thru 15;
Sec. 23 LOTS 1, 2;
Sec. 24 LOTS 1 thru 3.
Campbell County
527.77 Acres
Stipulations:
WY BFO_CSU_FQM
BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_H20500F
BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_RN
BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
BLM Stipulations for Soil Erosion
WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_CSU_STG
 BLM Stipulations for Sharp-Tailed Grouse Breeding Habitat. Within 0.25 mile of the perimeter of occupied sharp-tailed grouse leks
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_STG
 BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015921

WY202X-XX-0961
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 73 W., 6TH PM
 Sec. 15 LOTS 1, 2, 5, 7, 9, 10,12,13,16;
 Sec. 22 LOTS 1.
 Campbell County
 404.46 Acres
 Stipulations:
WY BFO_CSU_H20500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015922

WY202X-XX-0960
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 73 W., 6TH PM
 Sec. 18 LOTS 5, 6, 11 thru 14, 18 thru 20;
 Sec. 19 LOTS 11, 12.
 Campbell County
 456.43 Acres
 Stipulations:
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015923

WY202X-XX-7027
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 56 N., R. 73 W., 6TH PM
 Sec. 20 LOTS 3 thru 6,11 thru 14;
 Sec. 21 LOTS 4, 5,10;
 Sec. 29 LOTS 3, 4.
 Campbell County
 532.79 Acres
 Stipulations:
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery,

Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_NSO_GHMAL
 BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015924

WY202X-XX-0958

WY, Buffalo Field Office,
Bureau of Land Management,
PD
T. 56 N., R. 73 W., 6TH PM
Sec. 23 LOTS 12 thru 16;
Sec. 26 LOTS 1 thru 8.

Campbell County
529.19 Acres
Stipulations:
WY BFO_CSU_FQM
BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species
WY BFO_CSU_PD
BLM Stipulations for Prairie
Dog Colonies
WY BFO_CSU_R500F
BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
riparian systems, wetlands, etc.
WY BFO_CSU_Slopes25to50
BLM Stipulations for Slopes
Greater than 25% and Less than
50%
WY BFO_CSU_SLR
BLM Stipulations for Limited
Reclamation Potential Areas
WY BFO_CSU_SSWLA
BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat
WY BFO_CSU_SSWLB
BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat
WY BFO_CSU_SSWLH
BLM Stipulations for Wildlife
Habitat for Special Status
Species
WY BFO_CSU_STG
BLM Stipulations for Sharp-
Tailed Grouse Breeding Habitat.
Within 0.25 mile of the
perimeter of occupied sharp-
tailed grouse leks
WY BFO_TLS_STG

BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic
Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
WY SW_TLS_GHMAI
BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015926

WY202X-XX-7134
WY, Buffalo Field Office,
Bureau of Land Management,
PD
T. 56 N., R. 73 W., 6TH PM
Sec. 26 LOTS 16;
Sec. 27 LOTS 16;
Sec. 32 LOTS 2, 7;
Sec. 33 LOTS 3, 4;
Sec. 35 LOTS 1, 2;
Sec. 35
NW1/4NW1/4,S1/2NW1/4,SE1/
4SW1/4,SW1/4SE1/4.
Campbell County
464.96 Acres
Stipulations:

WY BFO_CSU_FQM
BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species
WY BFO_CSU_H20500F
BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
springs, reservoirs, etc.
WY BFO_CSU_R500F
BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
riparian systems, wetlands, etc.
WY BFO_CSU_SLR
BLM Stipulations for Limited
Reclamation Potential Areas
WY BFO_CSU_SSWLA
BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat
WY BFO_CSU_SSWLH
BLM Stipulations for Wildlife
Habitat for Special Status
Species
WY BFO_NSO_SSRN
BLM Stipulations for Raptor
Nest Sites (Special Status
Species)
WY BFO_TLS_SSRN
BLM Stipulations for Raptor
Nests (Special Status Species)
WY BFO_TLS_STG
BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic
Properties
WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.

Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_NSO_GHMAL

BLM Stipulations for Greater
Sage-Grouse Leks. Within 0.25-
mile radius of occupied leks
outside Priority Habitat
Management Areas

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015927

WY202X-XX-7023

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 73 W., 6TH PM

Sec. 1 LOTS 5 thru 10;

Sec. 1

SW1/4NE1/4,S1/2NW1/4,NW1/
4SE1/4;

Sec. 2 LOTS 5, 6.

Campbell County

473.4 Acres

Stipulations:

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes
Greater than 50%

WY BFO_TLS_STG

BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00015928

WY202X-XX-0945

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 73 W., 6TH PM

Sec. 3 LOTS 7,8;

Sec. 3

S1/2NW1/4,SW1/4,W1/2SE1/4,
SE1/4SE1/4;

Sec. 4 LOTS 5 thru 8;

Sec. 4 S1/2NE1/4,S1/2NW1/4.

Campbell County

751.39 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species

WY BFO_CSU_PD

BLM Stipulations for Prairie
Dog Colonies

WY BFO_CSU_R500F

BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
riparian systems, wetlands, etc.

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SLR

BLM Stipulations for Limited
Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_CSU_STG

BLM Stipulations for Sharp-
Tailed Grouse Breeding Habitat.
Within 0.25 mile of the
perimeter of occupied sharp-
tailed grouse leks

WY BFO_LN_UW

BLM Lease Notice for
Unplugged Wellbore(s) and/or
other Facilities

WY BFO_TLS_STG

BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015929

WY202X-XX-0973

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 57 N., R. 73 W., 6TH PM

Sec. 5 LOTS 5, 6;

Sec. 5 SW1/4NE1/4,

SW1/4NW1/4, W1/2SW1/4;

Sec. 6 LOTS 9;

Sec. 6 SW1/4NE1/4,

E1/2SW1/4, E1/2SE1/4;

Sec. 8 N1/2NE1/4,

SW1/4NE1/4, SE1/4NW1/4,

SW1/4SW1/4, N1/2SE1/4,

SE1/4SE1/4.

Campbell County

794.57 Acres

Stipulations:

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_R500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015930

WY202X-XX-0946

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 57 N., R. 73 W., 6TH PM

Sec. 9 ALL;

Sec. 10 NW1/4.

Campbell County

800 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_R500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY BFO_LN_UW

BLM Lease Notice for
Unplugged Wellbore(s) and/or
other Facilities

WY BFO_TLS_STG

BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00015931

WY202X-XX-0947

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 73 W., 6TH PM

Sec. 11 E1/2;

Sec. 12 LOTS 2 thru 4;

Sec. 12

SW1/4NE1/4,S1/2NW1/4,SW1/
4,W1/2SE1/4;

Sec. 13 LOTS 1, 2;

Sec. 13

W1/2NE1/4,W1/2SE1/4.

Campbell County

1037.11 Acres

Stipulations:

WY BFO_CSU_FQM

BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies
containing native or desirable
non-native fish species

WY BFO_CSU_H20500F

BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
springs, reservoirs, etc.

WY BFO_CSU_R500F

BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
riparian systems, wetlands, etc.

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_CSU_STG

BLM Stipulations for Sharp-
Tailed Grouse Breeding Habitat.
Within 0.25 mile of the
perimeter of occupied sharp-
tailed grouse leks

WY BFO_NSO_Slopes50

BLM Stipulations for Slopes
Greater than 50%

WY BFO_TLS_STG

BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00015932

WY202X-XX-0948

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 73 W., 6TH PM

Sec. 21 LOTS 1;

Sec. 21

E1/2NW1/4,E1/2SW1/4;

Sec. 27 E1/2, NW1/4,

N1/2SW1/4, SE1/4SW1/4.

Campbell County

794.81 Acres

Stipulations:

WY BFO_CSU_PD

BLM Stipulations for Prairie
Dog Colonies

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015933

WY202X-XX-0971
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 57 N., R. 73 W., 6TH PM
 Sec. 28 LOTS 1;
 Sec. 28
 E1/2,NW1/4,N1/2SW1/4,SE1/4 SW1/4.
 Campbell County
 633.94 Acres
 Stipulations:
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding,

Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015934

WY202X-XX-7022
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 57 N., R. 73 W., 6TH PM
 Sec. 29 LOTS 1 thru 6;
 Sec. 29 NE1/4,N1/2SE1/4;
 Sec. 30 LOTS 5 thru 8, 13.
 Campbell County
 651.62 Acres
 Stipulations:
WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act

requirements with respect to coal leasing
EOI# WY00015935

WY202X-XX-0950

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 73 W., 6TH PM

Sec. 31 LOTS 6 thru 9, 14 thru 19;

Sec. 31 E1/2NW1/4;

Sec. 32 LOTS 1 thru 12.

Campbell County

884.39 Acres

Stipulations:

WY BFO_CSU_H20500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act

requirements with respect to coal leasing

EOI# WY00015936

WY202X-XX-7034

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 73 W., 6TH PM

Sec. 33 LOTS 5, 6;

Sec. 33 N1/2SE1/4;

Sec. 34 LOTS 3, 4;

Sec. 34 N1/2SW1/4.

Campbell County

322.93 Acres

Stipulations:

WY BFO_CSU_PD

BLM Stipulations for Prairie Dog Colonies

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act

requirements with respect to coal leasing

EOI# WY00015937

WY202X-XX-0875

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 40 N., R. 74 W., 6TH PM

Sec. 30 LOTS 1, 2;

Sec. 30 E1/2NW1/4.

Converse County

150.65 Acres

Stipulations:

WY CFO_CSU_BT3

BLM Stipulations for Bozeman Trail Cultural and Scenic Values

WY CFO_CSU_BTQTRM

BLM Stipulations for Bozeman Trail Cultural and Scenic Values

WY CFO_TLS_NR

BLM Stipulations for Nesting Raptors

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016204

WY202X-XX-1132
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 57 N., R. 74 W., 6TH PM
 Sec. 8 LOTS 2.
 Campbell County
 20.94 Acres
 Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016732

WY202X-XX-7182
 WY, Casper Field Office, Bureau of Land Management, PD
T. 32 N., R. 75 W., 6TH PM
 Sec. 1 LOTS 8 thru 10;
 Sec. 12 LOTS 1 thru 15;
 Sec. 13 LOTS 1 thru 19;
 Sec. 14 E1/2.

Converse County
 1392.1 Acres
 Stipulations:
WY CFO_NSO_BEWR
 BLM Stipulations for Bald Eagle Winter Roost Sites
WY CFO_TLS_BGCW
 BLM Stipulations for Big Game Crucial Winter Range
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016670

WY202X-XX-7189
 WY, Casper Field Office, Bureau of Land Management, PD
T. 32 N., R. 75 W., 6TH PM
 Sec. 2
 SE1/4SW1/4, SW1/4SE1/4;
 Sec. 3 LOTS 4 thru 7;
 Sec. 3 S1/2SW1/4;
 Sec. 4 LOTS 1, 2;
 Sec. 5 LOTS 1 thru 4;
 Sec. 5 S1/2NE1/4, S1/2NW1/4, SW1/4;
 Sec. 6 LOTS 8 thru 12;
 Sec. 6 SE1/4NE1/4, SE1/4.

Converse County
1125.62 Acres
Stipulations:
WY CFO_TLS_BGCW
BLM Stipulations for Big Game
Crucial Winter Range
WY CFO_TLS_MPN
BLM Stipulations for Mountain
Plover Nesting
WY CFO_TLS_NR
BLM Stipulations for Nesting
Raptors
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic
Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
WY SW_TLS_GHMAL
BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00016671

WY202X-XX-7190
WY, Casper Field Office,
Bureau of Land Management,
PD
T. 32 N., R. 75 W., 6TH PM

Sec. 7 TR 55A;
Sec. 7 LOTS 5 thru 8;
Sec. 7
E1/2,E1/2NW1/4,E1/2SW1/4;
Sec. 8
E1/2NE1/4,W1/2NW1/4,S1/2;
Sec. 9
NE1/4,SW1/4,W1/2SE1/4;
Sec. 10 N1/2NW1/4, SE1/4.
Converse County
1677.68 Acres
Stipulations:
WY CFO_TLS_BGCW
BLM Stipulations for Big Game
Crucial Winter Range
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic
Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
WY SW_TLS_GHMAL
BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00016672

WY202X-XX-7188

WY, Casper Field Office,
Bureau of Land Management,
PD
T. 32 N., R. 75 W., 6TH PM
Sec. 11
W1/2NE1/4,NE1/4NW1/4,SE1/
4;
Sec. 15
E1/2,NE1/4SW1/4,S1/2SW1/4;
Sec. 17
N1/2NE1/4,W1/2NW1/4,SW1/4
SW1/4,S1/2SE1/4;
Sec. 18 LOTS 4 thru 11;
Sec. 18
E1/2NE1/4,SE1/4SW1/4,N1/2S
E1/4.
Converse County
1398.72 Acres
Stipulations:
WY CFO_NSO_BEWR
BLM Stipulations for Bald
Eagle Winter Roost Sites
WY CFO_TLS_BGCW
BLM Stipulations for Big Game
Crucial Winter Range
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic
Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016673

WY202X-XX-7185

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 33 N., R. 75 W., 6TH PM

Sec. 24 LOTS 5.

Converse County

33.76 Acres

Stipulations:

WY CFO_CSU_BEFA

BLM Stipulations for Bald
Eagle Feeding Areas

WY CFO_CSU_OT3M

BLM Stipulations for Oregon
Trail Cultural and Scenic Values
(historic setting contributes to
NRHP eligibility)

WY CFO_CSU_OTQTRM

BLM Stipulations for Oregon
Trail Cultural and Scenic Values
(historic setting does not
contribute to NRHP eligibility)

WY CFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016669

WY202X-XX-1183

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 36 N., R. 75 W., 6TH PM

Sec. 2 LOTS 5,9 thru 12.

Converse County

201.35 Acres

Stipulations:

WY CFO_TLS_NR

BLM Stipulations for Nesting
Raptors

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00017007

WY202X-XX-7035

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 43 N., R. 75 W., 6TH PM

Sec. 4 LOTS 5;

Sec. 5 LOTS 8, 9;

Sec. 6 LOTS 8, 9;

Sec. 9 LOTS 1 thru 4;

Sec. 9 NE1/4,S1/2;

Sec. 27 NE1/4SE1/4.

Campbell County

897.7 Acres

Stipulations:

WY BFO_CSU_BEGE

BLM Stipulations for Bald and
Golden Eagle Winter Roosting
Habitat. Within 1.0 mile of
bald/golden eagle winter roosts
and riparian corridors

WY BFO_CSU_FQM

BLM Stipulations for Fish
Populations and Habitat. Within
0.25 mile of water bodies

containing native or desirable
non-native fish species

WY BFO_CSU_H20500F

BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
springs, reservoirs, etc.

WY BFO_CSU_PD

BLM Stipulations for Prairie
Dog Colonies

WY BFO_CSU_R500F

BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
riparian systems, wetlands, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor
Nests. Within spatial buffers
recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil
Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SLR

BLM Stipulations for Limited
Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_CSU_VRMII
 BLM Stipulations for Visual Resource Management Class 2 Areas
WY BFO_NSO_H
 BLM Stipulations for Historic Properties
WY BFO_NSO_PBACEC
 BLM Stipulations for Pumpkin Buttes Area of Critical Environmental Concern
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY BFO_NSO_SSRN
 BLM Stipulations for Raptor Nest Sites (Special Status Species)
WY BFO_NSO_TCP
 BLM Stipulations for Traditional Cultural Properties
WY BFO_TLS_EWR
 BLM Stipulations for Eagle Winter Roosts
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_SSRN
 BLM Stipulations for Raptor Nests (Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease.
 Mineral Leasing Act requirements with respect to coal leasing
WY SW_NSO_GHMAL
 BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00016205, WY00016206

WY202X-XX-7036
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 57 N., R. 75 W., 6TH PM
 Sec. 5 LOTS 10;
 Sec. 6 LOTS 8,11.
 Campbell County
 92.93 Acres
 Stipulations:
WY BFO_CSU_BEGE
 BLM Stipulations for Bald and Golden Eagle Winter Roosting Habitat. Within 1.0 mile of bald/golden eagle winter roosts and riparian corridors
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_PD
 BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian

Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_BEGE
 BLM Stipulations for Bald or Golden Eagle Winter Roosts
WY BFO_TLS_EWR
 BLM Stipulations for Eagle Winter Roosts
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015966

WY202X-XX-7160
WY, Casper Field Office, Bureau of Land Management, PD
T. 37 N., R. 76 W., 6TH PM
Sec. 6 LOTS 1,2;
Sec. 6 S1/2NE1/4;
Sec. 7 NE1/4.
Converse County
322.34 Acres
Stipulations:
WY CFO_CSU_BT3
BLM Stipulations for Bozeman Trail Cultural and Scenic Values
WY CFO_TLS_NR
BLM Stipulations for Nesting Raptors
WY Std Lease Notice No. 1
BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act

requirements with respect to coal leasing
EOI# WY00015640

WY202X-XX-7111
WY, Casper Field Office, Bureau of Land Management, PD
T. 38 N., R. 77 W., 6TH PM
Sec. 4 SW1/4, W1/2SE1/4;
Sec. 8 N1/2NW1/4;
Sec. 9 NE1/4NE1/4, S1/2NE1/4, S1/2NW1/4, NW1/4SW1/4, NW1/4SE1/4;
Sec. 10 W1/2, N1/2NE1/4, SW1/4NE1/4, W1/2SE1/4, SE1/4SE1/4;
Sec. 15 NW1/4NW1/4;
Sec. 17 W1/2SE1/4;
Sec. 22 W1/2NE1/4NE1/4, SE1/4NE1/4NE1/4, NW1/4NE1/4, S1/2NE1/4, NE1/4NW1/4, N1/2NW1/4NW1/4, SE1/4NW1/4NW1/4, S1/2NW1/4, S1/2.
Natrona County
1900 Acres
Stipulations:
WY CFO_CSU_BT3
BLM Stipulations for Bozeman Trail Cultural and Scenic Values
WY CFO_TLS_NR
BLM Stipulations for Nesting Raptors
WY Std Lease Notice No. 1
BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
BLM Stipulations for Multiple Mineral Development

BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015632

WY202X-XX-1230
WY, Buffalo Field Office, Bureau of Land Management, PD
T. 52 N., R. 77 W., 6TH PM
Sec. 2 LOTS 6,7,9;
Sec. 3 LOTS 8,12;
Sec. 3 NW1/4SW1/4;
Sec. 4 LOTS 5 thru 16;
Sec. 4 SW1/4;
Sec. 5 LOTS 5 thru 16;
Sec. 5 S1/2;
Sec. 6 LOTS 8 thru 16;
Sec. 6 NE1/4SE1/4.
Johnson County
1759.55 Acres
Stipulations:
WY BFO_CSU_BEGE
BLM Stipulations for Bald and Golden Eagle Winter Roosting Habitat. Within 1.0 mile of bald/golden eagle winter roosts and riparian corridors
WY BFO_CSU_BGCW
BLM Stipulations for Big Game Crucial Winter Range
WY BFO_CSU_ECWC
BLM Stipulations for Elk Crucial Winter Range and Elk Calving Areas
WY BFO_CSU_FCR
BLM Stipulations for Fortification Creek RMP Amendment Performance Standards
WY BFO_CSU_FQM
BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_PD
BLM Stipulations for Prairie Dog Colonies
WY BFO_CSU_R500F

BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_BEGE
 BLM Stipulations for Bald or Golden Eagle Winter Roosts
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY BFO_TLS_BGCWEC
 BLM Stipulations for Big Game Crucial Winter Range
WY BFO_TLS_EWR
 BLM Stipulations for Eagle Winter Roosts
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_SSRN
 BLM Stipulations for Raptor Nests (Special Status Species)
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00017067

WY202X-XX-0977
 WY, Casper Field Office, Bureau of Land Management, PD
T. 38 N., R. 78 W., 6TH PM
 Sec. 1 LOTS 3,4;
 Sec. 1 S1/2NW1/4,SW1/4;
 Sec. 2 LOTS 1,2;
 Sec. 2 SE1/4NE1/4,E1/2SE1/4;
 Sec. 11 NE1/4NE1/4;
 Sec. 12 W1/2;
 Sec. 13 NW1/4,W1/2SW1/4.
 Natrona County
 1121.43 Acres
 Stipulations:
WY CFO_CSU_BT3
 BLM Stipulations for Bozeman Trail Cultural and Scenic Values
WY CFO_LN_UW
 BLM Lease Notice for Unplugged wellbore(s) and/or other facilities
WY CFO_TLS_MPN

BLM Stipulations for Mountain Plover Nesting
WY CFO_TLS_NR
 BLM Stipulations for Nesting Raptors
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015846

WY202X-XX-7052
 WY, Casper Field Office, Bureau of Land Management, PD
T. 34 N., R. 79 W., 6TH PM
 Sec. 6 LOTS 1 thru 5;
 Sec. 6
 S1/2NE1/4,SE1/4NW1/4;
 Sec. 7 LOTS 3,4;
 Sec. 7 E1/2SW1/4,SE1/4;
 Sec. 18 LOTS 1 thru 4;
 Sec. 18
 E1/2NW1/4,E1/2SW1/4;
 Sec. 19 LOTS 1 thru 4;
 Sec. 19
 E1/2NW1/4,E1/2SW1/4,E1/2;
 Sec. 30 LOTS 1 thru 4;
 Sec. 30

E1/2NW1/4,SE1/4SW1/4;
 Sec. 31 LOTS 1,2.
 Natrona County
 1918.24 Acres
 Stipulations:
WY CFO_CSU_AFZ
 BLM Stipulations for Casper
 Airport Aircraft Fly Zones
WY CFO_CSU_OT3M
 BLM Stipulations for Oregon
 Trail Cultural and Scenic Values
 (historic setting contributes to
 NRHP eligibility)
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
 EOI# WY00016356

WY202X-XX-6978
 WY, Rawlins Field Office,
 Bureau of Land Management,
 PD
T. 20 N., R. 80 W., 6TH PM
 Sec. 24 E1/2.
 Carbon County
 320 Acres
 Stipulations:
WY RFO_CSU_AR

BLM Stipulations for
 Amphibians and Reptiles
WY RFO_CSU_OT
 BLM Stipulations for Overland
 Trail (protecting historic and
 visual values)
WY RFO_CSU_RN
 BLM Stipulations for Raptor
 Nests
WY RFO_TLS_BGCW
 BLM Stipulations for Big Game
 Crucial Winter Range
WY RFO_TLS_RN
 BLM Stipulations for Raptor
 Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater
 Sage-Grouse breeding, nesting,
 etc. Within 2 miles of an
 occupied lek outside Priority
 Habitat Management Areas
 EOI# WY00016072

WY202X-XX-7073

WY, Casper Field Office,
 Bureau of Land Management,
 PD
T. 34 N., R. 80 W., 6TH PM
 Sec. 1 SE1/4, E1/2SW1/4;
 Sec. 2 LOTS 1,2,4;
 Sec. 2 S1/2NE1/4, S1/2NW1/4,
 S1/2;
 Sec. 11 N1/2, N1/2SW1/4,
 SE1/4SW1/4;
 Sec. 12 SW1/4SW1/4;
 Sec. 13 E1/2NE1/4,
 SW1/4NE1/4,SW1/4,
 NE1/4SE1/4,S1/2SE1/4;
 Sec. 24 ALL.
 Natrona County
 2357.67 Acres
 Stipulations:
WY CFO_CSU_AFZ
 BLM Stipulations for Casper
 Airport Aircraft Fly Zones
WY CFO_CSU_OT3M
 BLM Stipulations for Oregon
 Trail Cultural and Scenic Values
 (historic setting contributes to
 NRHP eligibility)
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing

EOI# WY00016356

WY202X-XX-7070

WY, Casper Field Office,
Bureau of Land Management,
PD

T. 34 N., R. 80 W., 6TH PM

Sec. 14 N1/2, SE1/4;

Sec. 23 SWSW (Excl .04 AC in
RR ROW WYD03964);

Sec. 23

E1/2,N1/2SW1/4,SE1/4SW1/4;

Sec. 25 E1/2, N1/2SW1/4.

Natrona County

1359.96 Acres

Stipulations:

WY CFO_CSU_AFZ

BLM Stipulations for Casper
Airport Aircraft Fly Zones

WY CFO_CSU_OT3M

BLM Stipulations for Oregon
Trail Cultural and Scenic Values
(historic setting contributes to
NRHP eligibility)

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016356

WY202X-XX-1226

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 80 W., 6TH PM

Sec. 4 LOTS 1 thru 4;

Sec. 4 S1/2;

Sec. 5 LOTS 1, 2;

Sec. 5 S1/2NE1/4.

Sheridan County

640.21 Acres

Stipulations:

WY BFO_CSU_R500F

BLM Stipulations for Surface
Waters and Associated Riparian
Habitats. Within 500 feet of
riparian systems, wetlands, etc.

WY BFO_CSU_RN

BLM Stipulations for Raptor
Nests. Within spatial buffers
recommended by USFWS

WY BFO_CSU_SE

BLM Stipulations for Soil
Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes
Greater than 25% and Less than
50%

WY BFO_CSU_SLR

BLM Stipulations for Limited
Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for
Amphibian Species Breeding,
Sheltering, and Hibernation
Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat
Species Breeding, Nursery,
Roosting, and Hibernation
Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife
Habitat for Special Status
Species

WY BFO_CSU_STG

BLM Stipulations for Sharp-
Tailed Grouse Breeding Habitat.
Within 0.25 mile of the
perimeter of occupied sharp-
tailed grouse leks

WY BFO_NSO_SSRN

BLM Stipulations for Raptor
Nest Sites (Special Status
Species)

WY BFO_TLS_NSSRN

BLM Stipulations for Raptor
Nests (Non-Special Status
Species)

WY BFO_TLS_SSRN

BLM Stipulations for Raptor
Nests (Special Status Species)

WY BFO_TLS_STG

BLM Stipulations for Sharp-
Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00017000

WY202X-XX-1224

WY, Buffalo Field Office,
Bureau of Land Management,
PD

T. 57 N., R. 80 W., 6TH PM

Sec. 6 LOTS 1 thru 14;

Sec. 6 S1/2NE1/4,SE1/4;

Sec. 7 LOTS 1 thru 12;

Sec. 7 E1/2;

Sec. 18 LOTS 1 thru 9, 11 thru 13.
 Sheridan County
 1877.47 Acres
 Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_H20500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLB
 BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_NSO_Slopes50
 BLM Stipulations for Slopes Greater than 50%
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)

WY BFO_TLS_STG
 BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease.
 Mineral Leasing Act requirements with respect to coal leasing
WY SW_NSO_GHMAL
 BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00017000
WY202X-XX-1223
 WY, Buffalo Field Office, Bureau of Land Management, PD
T. 57 N., R. 80 W., 6TH PM
 Sec. 8 ALL;
 Sec. 9 ALL;
 Sec. 17 ALL;
 Sec. 18 E1/2.

Sheridan County
 2240 Acres
 Stipulations:
WY BFO_CSU_FQM
 BLM Stipulations for Fish Populations and Habitat. Within 0.25 mile of water bodies containing native or desirable non-native fish species
WY BFO_CSU_GSGRH
 BLM Stipulations for Greater Sage-Grouse Habitat Restoration
WY BFO_CSU_H20500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of springs, reservoirs, etc.
WY BFO_CSU_PHMAC
 BLM Stipulations for Greater Sage-Grouse Priority Habitat Management Areas (Connectivity Only)
WY BFO_CSU_R500F
 BLM Stipulations for Surface Waters and Associated Riparian Habitats. Within 500 feet of riparian systems, wetlands, etc.
WY BFO_CSU_RN
 BLM Stipulations for Raptor Nests. Within spatial buffers recommended by USFWS
WY BFO_CSU_SE
 BLM Stipulations for Soil Erosion
WY BFO_CSU_Slopes25to50
 BLM Stipulations for Slopes Greater than 25% and Less than 50%
WY BFO_CSU_SLR
 BLM Stipulations for Limited Reclamation Potential Areas
WY BFO_CSU_SSWLA
 BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat
WY BFO_CSU_SSWLH
 BLM Stipulations for Wildlife Habitat for Special Status Species
WY BFO_TLS_NSSRN
 BLM Stipulations for Raptor Nests (Non-Special Status Species)
WY BFO_TLS_PHMAC

BLM Stipulations for Greater Sage-Grouse Breeding, Nesting and Early Brood-Rearing Habitats inside PHMA (Connectivity only)

WY BFO_TLS_SSRN

BLM Stipulations for Raptor Nests (Special Status Species)

WY BFO_TLS_STG

BLM Stipulations for Sharp-Tailed Grouse Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_NSO_GHMAL

BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00017000

WY202X-XX-1225

WY, Buffalo Field Office, Bureau of Land Management, PD

T. 57 N., R. 81 W., 6TH PM

Sec. 1 LOTS 5 thru 9;

Sec. 1 SW1/4;

Sec. 2 LOTS 5 thru 8;

Sec. 2 S1/2;

Sec. 3 LOTS 5 thru 8;

Sec. 3 S1/2;

Sec. 12 LOTS 1 thru 4;

Sec. 12 W1/2.

Sheridan County

1723.8 Acres

Stipulations:

WY BFO_CSU_SE

BLM Stipulations for Soil Erosion

WY BFO_CSU_Slopes25to50

BLM Stipulations for Slopes Greater than 25% and Less than 50%

WY BFO_CSU_SLR

BLM Stipulations for Limited Reclamation Potential Areas

WY BFO_CSU_SSWLA

BLM Stipulations for Amphibian Species Breeding, Sheltering, and Hibernation Habitat

WY BFO_CSU_SSWLB

BLM Stipulations for Bat Species Breeding, Nursery, Roosting, and Hibernation Habitat

WY BFO_CSU_SSWLH

BLM Stipulations for Wildlife Habitat for Special Status Species

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00017000

WY202X-XX-0978

WY, Rawlins Field Office, Bureau of Land Management, PD

T. 25 N., R. 89 W., 6TH PM

Sec. 5 LOTS 1 thru 4;

Sec. 5 S1/2NE1/4, S1/2NW1/4, S1/2;

Sec. 6 LOTS 1 thru 7;

Sec. 6 S1/2NE1/4, SE1/4NW1/4, E1/2SW1/4, SE1/4;

Sec. 7 LOTS 1 thru 4;

Sec. 7 E1/2, E1/2NW1/4, E1/2SW1/4.

Carbon County

1927.75 Acres

Stipulations:

WY RFO_CSU_AR

BLM Stipulations for Amphibians and Reptiles

WY RFO_CSU_HTRAILS

BLM Stipulations for Historic Trails

WY RFO_CSU_RN

BLM Stipulations for Raptor Nests

WY RFO_NSO_HTRAILS

BLM Stipulations for Historic Trails w/in 1/4 mile of contributing segments

WY RFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY RFO_TLS_RN

BLM Stipulations for Raptor Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00015778

WY202X-XX-0979
 WY, Rawlins Field Office, Bureau of Land Management, PD
T. 25 N., R. 89 W., 6TH PM
 Sec. 8 ALL;
 Sec. 20 E1/2NE1/4, NW1/4NE1/4, NW1/4, N1/2SW1/4, SW1/4SW1/4, E1/2SE1/4;
 Sec. 21 ALL;
 Sec. 22 N1/2,SW1/4.
 Carbon County
 2240 Acres
 Stipulations:
WY RFO_CSU_AR

BLM Stipulations for Amphibians and Reptiles
WY RFO_CSU_HTRAILS
 BLM Stipulations for Historic Trails
WY RFO_CSU_RN
 BLM Stipulations for Raptor Nests
WY RFO_NSO_HTRAILS
 BLM Stipulations for Historic Trails w/in 1/4 mile of contributing segments
WY RFO_TLS_BGCW
 BLM Stipulations for Big Game Crucial Winter Range
WY RFO_TLS_MPN
 BLM Stipulations for Mountain Plover Nests
WY RFO_TLS_RN
 BLM Stipulations for Raptor Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00015778

WY202X-XX-7051

WY, Rawlins Field Office, Bureau of Land Management, PD
T. 25 N., R. 89 W., 6TH PM
 Sec. 9 ALL;
 Sec. 10 ALL;
 Sec. 11 W1/2;
 Sec. 14 NW1/4, N1/2SW1/4, SW1/4SW1/4;
 Sec. 15 ALL.
 Carbon County
 2520 Acres
 Stipulations:
WY RFO_CSU_AR
 BLM Stipulations for Amphibians and Reptiles
WY RFO_CSU_HTRAILS
 BLM Stipulations for Historic Trails
WY RFO_CSU_RN
 BLM Stipulations for Raptor Nests
WY RFO_NSO_HTRAILS
 BLM Stipulations for Historic Trails w/in 1/4 mile of contributing segments
WY RFO_TLS_BGCW
 BLM Stipulations for Big Game Crucial Winter Range
WY RFO_TLS_MPN
 BLM Stipulations for Mountain Plover Nests
WY RFO_TLS_RN
 BLM Stipulations for Raptor Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015779

WY202X-XX-7204

WY, Lander Field Office, Bureau of Land Management, PD

T. 37 N., R. 90 W., 6TH PM

Sec. 6 LOTS 2 thru 7;

Sec. 6 S1/2NE1/4, SE1/4NW1/4, E1/2SW1/4.

Fremont County

454.82 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional Historic Trails and Early Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes between 15 and 24 Percent

WY LFO_NSO_PSW4031

BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes Greater than 25 Percent

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to

Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016749

WY202X-XX-1197

WY, Lander Field Office, Bureau of Land Management, PD

T. 37 N., R. 90 W., 6TH PM

Sec. 27 ALL;

Sec. 28 S1/2SW1/4;

Sec. 32 ALL;

Sec. 33 NW1/4.

Fremont County

1520 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional Historic Trails and Early Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes between 15 and 24 Percent

WY

LFO_NSO_PSWDDA4031

BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Within Designated Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game Crucial Winter Range

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00016807

WY202X-XX-1242

WY, Lander Field Office,
Bureau of Land Management,
PD

T. 38 N., R. 90 W., 6TH PM

Sec. 19 LOTS 3 thru 9;

Sec. 19 S1/2NE1/4,
SE1/4NW1/4, E1/2SW1/4,
SE1/4;

Sec. 20 LOTS 1 thru 4;

Sec. 20 S1/2NE1/4,
S1/2NW1/4, S1/2;

Sec. 21 LOTS 1 thru 4;

Sec. 21 S1/2NE1/4,
S1/2NW1/4, S1/2;

Sec. 22 LOTS 1 thru 4;

Sec. 22 S1/2NE1/4,
S1/2NW1/4, S1/2.

Fremont County

2449.33 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited
Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil
Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional
Historic Trails and Early
Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes
between 15 and 24 Percent

WY LFO_NSO_2031

BLM Stipulations for Native
America Cultural Resource Sites

WY

LFO_NSO_PSWDDA4031

BLM Stipulations for Perennial
Surface Waters, Riparian-
Wetland Areas, and/or Playas
Within Designated Development
Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes
Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game
Crucial Winter Range

WY LFO_TLS_FFS4053

BLM Stipulations for Fish Fall
Spawning Habitat

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain
Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016859

WY202X-XX-1247

WY, Lander Field Office,
Bureau of Land Management,
PD

T. 38 N., R. 90 W., 6TH PM

Sec. 27 N1/2;

Sec. 28 N1/2;

Sec. 29 W1/2NW1/4,
W1/2SW1/4, SE1/4;

Sec. 30 LOTS 1 thru 4;

Sec. 30 E1/2, E1/2NW1/4,
E1/2SW1/4.

Fremont County

1646.36 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited
Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil
Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional
Historic Trails and Early
Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes
between 15 and 24 Percent

WY LFO_NSO_5050

BLM Stipulations for Sacred,
Spiritual, and Traditional
Cultural Properties

WY

LFO_NSO_PSWDDA4031

BLM Stipulations for Perennial
Surface Waters, Riparian-
Wetland Areas, and/or Playas
Within Designated Development
Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes
Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game
Crucial Winter Range

WY LFO_TLS_FFS4053

BLM Stipulations for Fish Fall
Spawning Habitat

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain
Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016860

WY202X-XX-1156

WY, Lander Field Office,
Bureau of Land Management,
PD

T. 38 N., R. 90 W., 6TH PM

Sec. 31 LOTS 1 thru 4;

Sec. 31

E1/2NW1/4,E1/2SW1/4, NE1/4;

Sec. 32 W1/2NW1/4;

Sec. 33 NE1/4NE1/4;

Sec. 34

N1/2NE1/4,N1/2NW1/4.

Fremont County

816.56 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited
Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil
Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional
Historic Trails and Early
Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes
between 15 and 24 Percent

WY LFO_NSO_5050

BLM Stipulations for Sacred,
Spiritual, and Traditional
Cultural Properties

WY LFO_NSO_PSW4031

BLM Stipulations for Perennial
Surface Waters, Riparian-
Wetland Areas, and/or Playas
Outside of Designated
Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes
Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game
Crucial Winter Range

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain
Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00016748

WY202X-XX-7013

WY, Rawlins Field Office,
Bureau of Land Management,
PD

T. 13 N., R. 91 W., 6TH PM

Sec. 12 LOTS 3;

Sec. 12 W1/2NE1/4, NW1/4,
N1/2SW1/4, W1/2SE1/4.

Carbon County

438.23 Acres

Stipulations:

WY RFO_CSU_RN

BLM Stipulations for Raptor
Nests

WY RFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY RFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

**WY Std Special Lease Notice
II**

BLM Lease Notice for Big
Game Migration

EOI# WY00016620

WY202X-XX-7200

WY, Lander Field Office,
Bureau of Land Management,
PD

T. 27 N., R. 91 W., 6TH PM

Sec. 1 LOTS 1 thru 4;
 Sec. 1
 S1/2NE1/4,S1/2NW1/4,S1/2.
 Fremont County
 623.4 Acres
 Stipulations:
WY LFO_CSU_LRPS1013
 BLM Stipulations for Limited
 Reclamation Potential Soils
WY
LFO_CSU_S15TO24P1014
 BLM Stipulations for Slopes
 between 15 and 24 Percent
WY LFO_CSU_VRM5066
 BLM Stipulations for VRM
 Class I and II Areas
WY LFO_NSO_4070
 BLM Stipulations for Green
 Mountain (wildlife parturition
 areas and viewshed south of
 Green Mountain)
WY LFO_NSO_ACEC7059
 BLM Stipulations for Area of
 Critical Environmental Concern
WY LFO_NSO_PSW4031
 BLM Stipulations for Perennial
 Surface Waters, Riparian-
 Wetland Areas, and/or Playas
 Outside of Designated
 Development Areas
WY LFO_NSO_SG25P1014
 BLM Stipulations for Slopes
 Greater than 25 Percent
WY LFO_TLS_BGCW4061
 BLM Stipulations for Big Game
 Crucial Winter Range
WY LFO_TLS_BGCWP4061
 BLM Stipulations for Big Game
 Parturition Areas
WY LFO_TLS_EWR4062
 BLM Stipulations for Elk
 Winter Range
WY LFO_TLS_RN4071
 BLM Stipulations for Raptor
 Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat

WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
 EOI# WY00016771

WY202X-XX-1154
 WY, Lander Field Office,
 Bureau of Land Management,
 PD
T. 27 N., R. 91 W., 6TH PM
 Sec. 2 LOTS 1 thru 4;
 Sec. 2
 S1/2NE1/4,S1/2NW1/4,S1/2.
 Fremont County
 622.92 Acres
 Stipulations:
WY LFO_CSU_LRPS1013
 BLM Stipulations for Limited
 Reclamation Potential Soils
WY
LFO_CSU_S15TO24P1014
 BLM Stipulations for Slopes
 between 15 and 24 Percent
WY LFO_CSU_VRM5066
 BLM Stipulations for VRM
 Class I and II Areas
WY LFO_NSO_4070
 BLM Stipulations for Green
 Mountain (wildlife parturition
 areas and viewshed south of
 Green Mountain)
WY LFO_NSO_ACEC7059
 BLM Stipulations for Area of
 Critical Environmental Concern
WY LFO_NSO_PSW4031
 BLM Stipulations for Perennial
 Surface Waters, Riparian-
 Wetland Areas, and/or Playas
 Outside of Designated
 Development Areas

WY LFO_NSO_REC6086
 BLM Stipulations for Recreation
 Sites
WY LFO_NSO_SG25P1014
 BLM Stipulations for Slopes
 Greater than 25 Percent
WY LFO_TLS_BGCW4061
 BLM Stipulations for Big Game
 Crucial Winter Range
WY LFO_TLS_RN4071
 BLM Stipulations for Raptor
 Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic
 Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
 EOI# WY00016772

WY202X-XX-7203
 WY, Lander Field Office,
 Bureau of Land Management,
 PD
T. 27 N., R. 91 W., 6TH PM
 Sec. 11 ALL.
 Fremont County
 640 Acres
 Stipulations:
WY LFO_CSU_LRPS1013
 BLM Stipulations for Limited
 Reclamation Potential Soils

WY
LFO_CSU_S15TO24P1014
 BLM Stipulations for Slopes between 15 and 24 Percent
WY LFO_NSO_4070
 BLM Stipulations for Green Mountain (wildlife parturition areas and viewshed south of Green Mountain)
WY LFO_NSO_ACEC7059
 BLM Stipulations for Area of Critical Environmental Concern
WY LFO_NSO_PSW4031
 BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas
WY LFO_NSO_SG25P1014
 BLM Stipulations for Slopes Greater than 25 Percent
WY LFO_TLS_BGCWP4061
 BLM Stipulations for Big Game Parturition Areas
WY LFO_TLS_FSS4053
 BLM Stipulations for Fish Spring Spawning Habitat
WY LFO_TLS_RN4071
 BLM Stipulations for Raptor Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016773

WY202X-XX-1152
 WY, Lander Field Office, Bureau of Land Management, PD
T. 27 N., R. 91 W., 6TH PM
 Sec. 12 ALL.
 Fremont County
 640 Acres
 Stipulations:
WY LFO_CSU_LRPS1013
 BLM Stipulations for Limited Reclamation Potential Soils
WY
LFO_CSU_S15TO24P1014
 BLM Stipulations for Slopes between 15 and 24 Percent
WY LFO_CSU_VRM5066
 BLM Stipulations for VRM Class I and II Areas
WY LFO_NSO_4070
 BLM Stipulations for Green Mountain (wildlife parturition areas and viewshed south of Green Mountain)
WY LFO_NSO_ACEC7059
 BLM Stipulations for Area of Critical Environmental Concern
WY LFO_NSO_PSW4031
 BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas
WY LFO_NSO_SG25P1014
 BLM Stipulations for Slopes Greater than 25 Percent
WY LFO_TLS_BGCW4061
 BLM Stipulations for Big Game Crucial Winter Range
WY LFO_TLS_BGCWP4061
 BLM Stipulations for Big Game Parturition Areas
WY LFO_TLS_EWR4062
 BLM Stipulations for Elk Winter Range
WY LFO_TLS_FFS4053
 BLM Stipulations for Fish Fall Spawning Habitat
WY LFO_TLS_RN4071

BLM Stipulations for Raptor Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016774

WY202X-XX-1151
 WY, Lander Field Office, Bureau of Land Management, PD
T. 27 N., R. 91 W., 6TH PM
 Sec. 17
 NE1/4,N1/2NW1/4,SE1/4NW1/4.
 Fremont County
 280 Acres
 Stipulations:
WY LFO_CSU_LRPS1013
 BLM Stipulations for Limited Reclamation Potential Soils
WY
LFO_CSU_S15TO24P1014
 BLM Stipulations for Slopes between 15 and 24 Percent
WY LFO_NSO_5050
 BLM Stipulations for Sacred, Spiritual, and Traditional Cultural Properties

WY LFO_NSO_PSW4031

BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes Greater than 25 Percent

WY LFO_TLS_EWR4062

BLM Stipulations for Elk Winter Range

WY LFO_TLS_FFS4053

BLM Stipulations for Fish Fall Spawning Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016776

WY202X-XX-7205

WY, Lander Field Office, Bureau of Land Management, PD

T. 28 N., R. 91 W., 6TH PM

Sec. 25 LOTS 1 thru 7;

Sec. 25

SW1/4NE1/4,S1/2NW1/4,SW1/4,W1/2SE1/4.

Fremont County

632.16 Acres

Stipulations:

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil Resources

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes between 15 and 24 Percent

WY LFO_CSU_VRM5066

BLM Stipulations for VRM Class I and II Areas

WY LFO_NSO_ACEC7059

BLM Stipulations for Area of Critical Environmental Concern

WY LFO_NSO_PSW4031

BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game Crucial Winter Range

WY LFO_TLS_EWR4062

BLM Stipulations for Elk Winter Range

WY LFO_TLS_FSS4053

BLM Stipulations for Fish Spring Spawning Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016765

WY202X-XX-1157

WY, Lander Field Office, Bureau of Land Management, PD

T. 28 N., R. 91 W., 6TH PM

Sec. 26 ALL.

Fremont County

640 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited Reclamation Potential Soils

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes between 15 and 24 Percent

WY LFO_CSU_VRM5066

BLM Stipulations for VRM Class I and II Areas

WY LFO_NSO_ACEC7059

BLM Stipulations for Area of Critical Environmental Concern

WY LFO_NSO_PSW4031

BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game Crucial Winter Range

WY LFO_TLS_BGCWP4061

BLM Stipulations for Big Game Parturition Areas

WY LFO_TLS_EWR4062

BLM Stipulations for Elk Winter Range

WY LFO_TLS_FSS4053

BLM Stipulations for Fish Spring Spawning Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016766

WY202X-XX-1158
 WY, Lander Field Office, Bureau of Land Management, PD
T. 28 N., R. 91 W., 6TH PM
 Sec. 27 SE1/4NE1/4, W1/2NW1/4, S1/2.
 Fremont County
 440 Acres
 Stipulations:
WY LFO_CSU_LRPS1013
 BLM Stipulations for Limited Reclamation Potential Soils
WY
LFO_CSU_S15TO24P1014
 BLM Stipulations for Slopes between 15 and 24 Percent
WY LFO_CSU_VRM5066
 BLM Stipulations for VRM Class I and II Areas
WY LFO_NSO_ACEC7059

BLM Stipulations for Area of Critical Environmental Concern
WY LFO_NSO_PSW4031
 BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas
WY LFO_NSO_REC6086
 BLM Stipulations for Recreation Sites
WY LFO_NSO_SG25P1014
 BLM Stipulations for Slopes Greater than 25 Percent
WY LFO_TLS_BGCW4061
 BLM Stipulations for Big Game Crucial Winter Range
WY LFO_TLS_BGCWP4061
 BLM Stipulations for Big Game Parturition Areas
WY LFO_TLS_EWR4062
 BLM Stipulations for Elk Winter Range
WY LFO_TLS_FSS4053
 BLM Stipulations for Fish Spring Spawning Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00016768
WY202X-XX-1159
 WY, Lander Field Office, Bureau of Land Management, PD
T. 28 N., R. 91 W., 6TH PM
 Sec. 28 ALL.
 Fremont County
 640 Acres
 Stipulations:
WY LFO_CSU_LRPS1013
 BLM Stipulations for Limited Reclamation Potential Soils
WY
LFO_CSU_S15TO24P1014
 BLM Stipulations for Slopes between 15 and 24 Percent
WY LFO_CSU_VRM5066
 BLM Stipulations for VRM Class I and II Areas
WY LFO_NSO_ACEC7059
 BLM Stipulations for Area of Critical Environmental Concern
WY LFO_NSO_PSW4031
 BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas
WY LFO_NSO_SG25P1014
 BLM Stipulations for Slopes Greater than 25 Percent
WY LFO_TLS_BGCW4061
 BLM Stipulations for Big Game Crucial Winter Range
WY LFO_TLS_BGCWP4061
 BLM Stipulations for Big Game Parturition Areas
WY LFO_TLS_EWR4062
 BLM Stipulations for Elk Winter Range
WY LFO_TLS_FSS4053
 BLM Stipulations for Fish Spring Spawning Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016769

WY202X-XX-1160

WY, Lander Field Office, Bureau of Land Management, PD

T. 28 N., R. 91 W., 6TH PM
Sec. 35 ALL.

Fremont County
640 Acres
Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited Reclamation Potential Soils

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes between 15 and 24 Percent

WY LFO_CSU_VRM5066

BLM Stipulations for VRM Class I and II Areas

WY LFO_NSO_ACEC7059

BLM Stipulations for Area of Critical Environmental Concern

WY LFO_NSO_PSW4031

BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Outside of Designated Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game Crucial Winter Range

WY LFO_TLS_BGCWP4061

BLM Stipulations for Big Game Parturition Areas

WY LFO_TLS_EWR4062

BLM Stipulations for Elk Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016770

WY202X-XX-1201

WY, Lander Field Office, Bureau of Land Management, PD

T. 37 N., R. 91 W., 6TH PM

Sec. 1 LOTS 1 thru 7;

Sec. 1 SW1/4NE1/4, S1/2NW1/4,

SW1/4,W1/2SE1/4;

Sec. 4 LOTS 3, 4;

Sec. 4 S1/2NW1/4;

Sec. 9 S1/2SW1/4,S1/2SE1/4;

Sec. 10 S1/2SW1/4;

Sec. 11

E1/2,E1/2NE1/4NW1/4,N1/2S W1/4.

Fremont County

1533.04 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional Historic Trails and Early Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes between 15 and 24 Percent

WY

LFO_NSO_PSWDDA4031

BLM Stipulations for Perennial Surface Waters, Riparian-Wetland Areas, and/or Playas Within Designated Development Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes Greater than 25 Percent

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016807

WY202X-XX-1208

WY, Lander Field Office,
Bureau of Land Management,
PD
T. 37 N., R. 91 W., 6TH PM
Sec. 12 LOTS 1 thru 4;
Sec. 12
W1/2NE1/4,W1/2,W1/2SE1/4;
Sec. 13 LOTS 1 thru 4;
Sec. 13
W1/2NE1/4,W1/2,W1/2SE1/4.
Fremont County
1323.68 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited
Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil
Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional
Historic Trails and Early
Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes
between 15 and 24 Percent

WY LFO_NSO_2031

BLM Stipulations for Native
America Cultural Resource Sites

WY LFO_NSO_5050

BLM Stipulations for Sacred,
Spiritual, and Traditional
Cultural Properties

WY

LFO_NSO_PSWDDA4031

BLM Stipulations for Perennial
Surface Waters, Riparian-
Wetland Areas, and/or Playas
Within Designated Development
Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes
Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game
Crucial Winter Range

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain
Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00016807

WY202X-XX-1212

WY, Lander Field Office,
Bureau of Land Management,
PD

T. 37 N., R. 91 W., 6TH PM

Sec. 24 LOTS 1 thru 3;

Sec. 24

W1/2NE1/4,E1/2NW1/4,NE1/4
SW1/4,S1/2SW1/4SW1/4,NW1/
4SE1/4;

Sec. 30 ALL;

Sec. 31 ALL;

Sec. 32 W1/2.

Fremont County

1995.02 Acres

Stipulations:

WY LFO_CSU_LRPS1013

BLM Stipulations for Limited
Reclamation Potential Soils

WY LFO_CSU_PYFC5058

BLM Stipulations for Fossil
Resources

WY LFO_CSU_RHTEH5018

BLM Stipulations for Regional
Historic Trails and Early
Highways and their Settings

WY

LFO_CSU_S15TO24P1014

BLM Stipulations for Slopes
between 15 and 24 Percent

WY LFO_NSO_5050

BLM Stipulations for Sacred,
Spiritual, and Traditional
Cultural Properties

WY

LFO_NSO_PSWDDA4031

BLM Stipulations for Perennial
Surface Waters, Riparian-
Wetland Areas, and/or Playas
Within Designated Development
Areas

WY LFO_NSO_SG25P1014

BLM Stipulations for Slopes
Greater than 25 Percent

WY LFO_TLS_BGCW4061

BLM Stipulations for Big Game
Crucial Winter Range

WY LFO_TLS_MPN4094

BLM Stipulations for Mountain
Plover Nesting Habitat

WY LFO_TLS_RN4071

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016811

WY202X-XX-7127

WY, Worland Field Office, Bureau of Land Management, PD

T. 51 N., R. 91 W., 6TH PM

Sec. 17 SW1/4;

Sec. 20 NW1/4.

Big Horn County

320 Acres

Stipulations:

WY Std Lease Notice 1041

BLM Lease Notice for Water Monitoring Plans

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00016596

WY202X-XX-7053

WY, Rawlins Field Office, Bureau of Land Management, PD

T. 13 N., R. 92 W., 6TH PM

Sec. 24 E1/2;

Sec. 27 S1/2;

Sec. 28 N1/2, SE1/4;

Sec. 31 LOTS 7 thru 11;

Sec. 31

N1/2SE1/4, NE1/4SW1/4;

Sec. 32 LOTS 1 thru 4;

Sec. 32 N1/2SW1/4,

N1/2SE1/4.

Carbon County

1778.75 Acres

Stipulations:

WY RFO_CSU_AR

BLM Stipulations for Amphibians and Reptiles

WY RFO_TLS_BER

BLM Stipulations for Bald Eagle Roosting Sites

WY RFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY RFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act

requirements with respect to coal leasing

WY Std Special Lease Notice II

BLM Lease Notice for Big Game Migration

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00015786

WY202X-XX-6802

WY, Rawlins Field Office, Bureau of Land Management, PD

T. 25 N., R. 92 W., 6TH PM

Sec. 23

E1/2NE1/4, E1/2SE1/4, S1/2SW1/4, SW1/4SE1/4;

Sec. 24 ALL;

Sec. 25 ALL;

Sec. 26 ALL.

Sweetwater County

2200 Acres

Stipulations:

WY RFO_CSU_AR

BLM Stipulations for Amphibians and Reptiles

WY RFO_LN_U

BLM Lease Notice for Uranium Mining/Processing

WY RFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_CSU_PHMA
BLM Stipulations for Greater
Sage-Grouse Priority Habitat
Management Areas (PHMAs) -
Core Only

WY SW_TLS_PHMAL
BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Inside Priority Habitat
Management Areas (Core only)
WY SW_TLS_PHMAWCA
BLM Stipulations for Greater
Sage-Grouse Winter
Concentration Areas
EOI# WY00015220

WY202X-XX-0983
WY, Worland Field Office,
Bureau of Land Management,
PD
T. 51 N., R. 92 W., 6TH PM
Sec. 3 TR 62D;
Sec. 10 TR 62D,E,L;
Sec. 10 LOTS 1 thru 4;
Sec. 10 SW1/4SE1/4.
Big Horn County
310.26 Acres
Stipulations:

WY Std Lease Notice 1041
BLM Lease Notice for Water
Monitoring Plans

WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat

**WY Std Lease Stipulation No.
1**
BLM Stipulations for Historic
Properties

**WY Std Lease Stipulation No.
2**
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY WFO_NSO_H2O500F
BLM Stipulations for Surface
Water, Riparian/Wetland Areas,
and Playas
EOI# WY00016075

WY202X-XX-1018
WY, Worland Field Office,
Bureau of Land Management,
PD
T. 43 N., R. 93 W., 6TH PM
Sec. 28 E1/2SW1/4,
SW1/4SW1/4,W1/2SE1/4;
Sec. 33 N1/2NW1/4.
Hot Springs County
280 Acres

Stipulations:
WY Std Lease Notice 1041
BLM Lease Notice for Water
Monitoring Plans

WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**

BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY WFO_CSU_CR
BLM Stipulations for Cultural
Resources (cultural and scenic
values of important cultural
sites)
EOI# WY00016395

WY202X-XX-1188
WY, Worland Field Office,
Bureau of Land Management,
PD
T. 48 N., R. 93 W., 6TH PM
Sec. 4 SW1/4;
Sec. 5 LOTS 5 thru 16;
Sec. 5 S1/2;
Sec. 6 LOTS 8 thru 21;
Sec. 6 E1/2SW1/4, SE1/4;
Sec. 7 LOTS 5 thru 8;
Sec. 7 E1/2,
E1/2NW1/4,E1/2SW1/4;
Sec. 8 W1/2.

Washakie County
2544.13 Acres
Stipulations:

WY Std Lease Notice 1041
BLM Lease Notice for Water
Monitoring Plans

WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY WFO_CSU_RN

BLM Stipulations for Raptor Nests

WY WFO_NSO_H2O500F

BLM Stipulations for Surface Water, Riparian/Wetland Areas, and Playas

WY WFO_TLS_RN

BLM Stipulations for Raptor Nests

EOI# WY00016876

WY202X-XX-1203

WY, Worland Field Office, Bureau of Land Management, PD

T. 48 N., R. 93 W., 6TH PM

Sec. 20 ALL;

Sec. 21 ALL;

Sec. 22 NW1/4SE1/4;

Sec. 26 NW1/4SW1/4,

SE1/4SW1/4, SW1/4SE1/4;

Sec. 27 SW1/4;

Sec. 30 LOTS 11;

Sec. 30 NE1/4, N1/2SE1/4,

SE1/4SE1/4;

Sec. 35 NW1/4NE1/4,

E1/2SW1/4.

Washakie County

2026.87 Acres

Stipulations:

WY Std Lease Notice 1041

BLM Lease Notice for Water Monitoring Plans

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY WFO_NSO_H2O500F

BLM Stipulations for Surface Water, Riparian/Wetland Areas, and Playas

WY WFO_TLS_BGCW

BLM Stipulations for Big Game on Crucial Winter Range

EOI# WY00016876

WY202X-XX-0974

WY, Worland Field Office, Bureau of Land Management, PD

T. 43 N., R. 94 W., 6TH PM

Sec. 15 N1/2SW1/4,

SE1/4SW1/4, S1/2SE1/4;

Sec. 22 N1/2NE1/4,

SE1/4NE1/4, S1/2SE1/4;

Sec. 23 SE1/4SW1/4.

Hot Springs County

440 Acres

Stipulations:

WY Std Lease Notice 1041

BLM Lease Notice for Water Monitoring Plans

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas

WY WFO_CSU_CR

BLM Stipulations for Cultural Resources (cultural and scenic values of important cultural sites)

WY WFO_CSU_PW

BLM Stipulations for Water Resources and Public Water Supplies

WY WFO_CSU_RN

BLM Stipulations for Raptor Nests

WY WFO_TLS_BGCW

BLM Stipulations for Big Game on Crucial Winter Range

WY WFO_TLS_RN

BLM Stipulations for Raptor Nests

EOI# WY00016076

WY202X-XX-1074

WY, Worland Field Office, Bureau of Land Management, PD

T. 51 N., R. 94 W., 6TH PM

Sec. 2 LOTS 2,3;
 Sec. 5 LOTS 1 thru 4;
 Sec. 6 LOTS 1 thru 4,7,9;
 Sec. 6
 S1/2NE1/4,SE1/4NW1/4,NE1/4
 SW1/4;
 Sec. 17 SWSW (EXCL 0.36
 AC IN RSVR ROW
 WYB027154).
 Big Horn County
 673.29 Acres
 Stipulations:
WY CyFO_CSU_RN
 BLM Stipulations for Raptor
 Nests
WY CyFO_TLS_RN
 BLM Stipulations for Raptor
 Nests
WY Std Lease Notice 1041
 BLM Lease Notice for Water
 Monitoring Plans
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
**WY Std Lease Stipulation No.
 1**
 BLM Stipulations for Historic
 Properties
**WY Std Lease Stipulation No.
 2**
 BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
**WY Std Lease Stipulation No.
 3**
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
WY WFO_CSU_PW
 BLM Stipulations for Water
 Resources and Public Water
 Supplies
WY WFO_CSU_T2M

BLM Stipulations for Other
 Historic Trails
WY WFO_NSO_H2O500F
 BLM Stipulations for Surface
 Water, Riparian/Wetland Areas,
 and Playas
 EOI# WY00016564

WY202X-XX-7153
 WY, Worland Field Office,
 Bureau of Land Management,
 PD
T. 51 N., R. 95 W., 6TH PM
 Sec. 1 LOTS 5 thru 8;
 Sec. 1
 SW1/4NE1/4,S1/2NW1/4,NW1/
 4SW1/4;
 Sec. 24 LOTS 3,7,8,11,12,15;
 Sec. 24 SE1/4NW1/4,
 NW1/4SW1/4, S1/2SW1/4,
 S1/2SE1/4, NE1/4SE1/4;
 Sec. 25 ALL.
 Big Horn County
 1416.27 Acres
 Stipulations:
WY CyFO_CSU_RN
 BLM Stipulations for Raptor
 Nests
WY CyFO_CSU_T2M
 BLM Stipulations for Other
 Historic Trails (2 miles)
WY CyFO_TLS_RN
 BLM Stipulations for Raptor
 Nests
WY Std Lease Notice 1041
 BLM Lease Notice for Water
 Monitoring Plans
WY Std Lease Notice No. 1
 BLM Lease Notice for
 Reasonable Measures to
 Minimize Adverse Impacts to
 Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National
 Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater
 Sage-Grouse Habitat
**WY Std Lease Stipulation No.
 1**
 BLM Stipulations for Historic
 Properties
**WY Std Lease Stipulation No.
 2**

BLM Stipulations for
 Endangered Species Act Section
 7 Consultation Stipulation
**WY Std Lease Stipulation No.
 3**
 BLM Stipulations for Multiple
 Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for
 Attachment to Each Lease.
 Mineral Leasing Act
 requirements with respect to
 coal leasing
WY WFO_CSU_PSWRW
 BLM Stipulations for Perennial
 Surface Water and
 Riparian/Wetland Areas
WY WFO_CSU_PW
 BLM Stipulations for Water
 Resources and Public Water
 Supplies
WY WFO_CSU_RN
 BLM Stipulations for Raptor
 Nests
WY WFO_NSO_H2O500F
 BLM Stipulations for Surface
 Water, Riparian/Wetland Areas,
 and Playas
WY WFO_NSO_REC
 BLM Stipulations for
 Campgrounds, Trailheads, Day
 Use Areas, and Similar
 Recreation Sites
WY WFO_TLS_RN
 BLM Stipulations for Raptor
 Nests
 EOI# WY00016378

WY202X-XX-7158
 WY, Cody Field Office, Bureau
 of Land Management, PD
T. 51 N., R. 95 W., 6TH PM
 Sec. 2 S2NE (EXCL 28 AC IN
 RSVR ROW WYB035508);
 Sec. 2 LOTS 5, 6 (EXCL 5.97
 AC IN RSVR ROW
 WYB035508);
 Sec. 2 LOTS 7,8,12;
 Sec. 2
 SE1/4NW1/4,NE1/4SE1/4;
 Sec. 3 LOTS 6,16;
 Sec. 3 SW1/4NE1/4.
 Big Horn County
 374.7 Acres
 Stipulations:
WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016378, WY00016397

WY202X-XX-7159
 WY, Worland Field Office, Bureau of Land Management, PD
T. 51 N., R. 95 W., 6TH PM
 Sec. 4 LOTS 17, 18, 25;
 Sec. 7 LOTS 38, 39 OF TRACT 94;
 Sec. 12 NW1/4NE1/4, SE1/4NE1/4;
 Sec. 20 LOTS 31 thru 34;
 Sec. 22 LOTS 11, 15, 23, 25, 26, 35, 36, 38 OF TRACT 52;
 Sec. 22 LOTS 16,21,22,24,39;
 Sec. 23 LOTS 5,7,13,17,19,22,23,26,28,29;
 Sec. 23 SE1/4SW1/4, NE1/4SE1/4,S1/2SE1/4.
 Big Horn County
 779.56 Acres
 Stipulations:
WY CyFO_CSU_T2M
 BLM Stipulations for Other Historic Trails (2 miles)

WY CyFO_NSO_H2O500F
 BLM Stipulations for Surface Water and Riparian/Wetland Areas
WY
CYFO_CSU_BRRRQTRM
 BLM Stipulations for Blue Ribbon and Red Ribbon Fisheries Habitat and Fish Populations
WY CYFO_CSU_RSSF
 BLM Stipulations for Riparian Habitat Supporting Special Status Fish Species
WY Std Lease Notice 1041
 BLM Lease Notice for Water Monitoring Plans
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY
WFO_CSU_BRRRQTRM
 BLM Stipulations for Blue Ribbon and Red Ribbon Fisheries Habitat and Fish Populations
WY WFO_CSU_PSWRW

BLM Stipulations for Perennial Surface Water and Riparian/Wetland Areas
WY WFO_CSU_PW
 BLM Stipulations for Water Resources and Public Water Supplies
WY WFO_CSU_RN
 BLM Stipulations for Raptor Nests
WY WFO_CSU_T2M
 BLM Stipulations for Other Historic Trails
WY WFO_NSO_H2O500F
 BLM Stipulations for Surface Water, Riparian/Wetland Areas, and Playas
WY WFO_TLS_RN
 BLM Stipulations for Raptor Nests
 EOI# WY00016378, WY00016397

WY202X-XX-1096
 WY, Worland Field Office, Bureau of Land Management, PD
T. 51 N., R. 95 W., 6TH PM
 Sec. 18 29,31,34,43-45 OF TRACT 66;
 Sec. 18 LOTS 51,52 OF TRACT 58;
 Sec. 18 LOTS 50 OF TRACT 63;
 Sec. 19 LOTS 6,7,16,17 OF TRACT 58;
 Sec. 19 LOTS 40,42;
 Sec. 19 LOTS 8,15 OF TRACT 63.
 Big Horn County
 237.61 Acres
 Stipulations:
WY CyFO_NSO_H2O500F
 BLM Stipulations for Surface Water and Riparian/Wetland Areas
WY
CYFO_CSU_BRRRQTRM
 BLM Stipulations for Blue Ribbon and Red Ribbon Fisheries Habitat and Fish Populations
WY Std Lease Notice 1041
 BLM Lease Notice for Water Monitoring Plans
WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY
WFO_CSU_BRRRQTRM
 BLM Stipulations for Blue Ribbon and Red Ribbon Fisheries Habitat and Fish Populations
WY WFO_CSU_PSWRW
 BLM Stipulations for Perennial Surface Water and Riparian/Wetland Areas
WY WFO_CSU_PW
 BLM Stipulations for Water Resources and Public Water Supplies
WY WFO_NSO_H2O500F
 BLM Stipulations for Surface Water, Riparian/Wetland Areas, and Playas
 EOI# WY00016397

WY202X-XX-1097
 WY, Worland Field Office, Bureau of Land Management, PD
T. 51 N., R. 95 W., 6TH PM
 Sec. 26 LOTS 1,3,8,10,12,13,16,19, 22 thru 26;

Sec. 26
 E1/2NE1/4,NW1/4NE1/4,E1/2SE1/4;
 Sec. 27 LOTS 24, 25;
 Sec. 34 LOTS 15, 16, 25 thru 28;
 Sec. 34 SE1/4SE1/4, SW1/4SW1/4;
 Sec. 35 LOTS 2,8,10,11,14,17,19 thru 22;
 Sec. 35
 W1/2NE1/4,NE1/4SW1/4,S1/2SW1/4,W1/2SE1/4.
 Big Horn County
 1134.35 Acres
 Stipulations:
WY Std Lease Notice 1041
 BLM Lease Notice for Water Monitoring Plans
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
WY WFO_CSU_PW
 BLM Stipulations for Water Resources and Public Water Supplies
WY WFO_CSU_RN
 BLM Stipulations for Raptor Nests

WY WFO_TLS_RN
 BLM Stipulations for Raptor Nests
 EOI# WY00016378

WY202X-XX-7170
 WY, Worland Field Office, Bureau of Land Management, PD
T. 51 N., R. 95 W., 6TH PM
 Sec. 28 LOTS 7, 12, 13, 15, 20, 21, 23, 27, 28;
 Sec. 28 SW1/4NE1/4, NW1/4SE1/4;
 Sec. 29 NE1/4NE1/4;
 Sec. 32 LOTS 2,4,10, 11, 14 OF TRACT 44;
 Sec. 32 S1/2SW1/4,S1/2SE1/4;
 Sec. 33 LOTS 17;
 Sec. 33 S1/2SE1/4.
 Big Horn County
 632.17 Acres
 Stipulations:
WY Std Lease Notice 1041
 BLM Lease Notice for Water Monitoring Plans
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY WFO_CSU_PW

BLM Stipulations for Water Resources and Public Water Supplies

WY WFO_CSU_RN

BLM Stipulations for Raptor Nests

WY WFO_NSO_H2O500F

BLM Stipulations for Surface Water, Riparian/Wetland Areas, and Playas

WY WFO_NSO_REC

BLM Stipulations for Campgrounds, Trailheads, Day Use Areas, and Similar Recreation Sites

WY WFO_TLS_RN

BLM Stipulations for Raptor Nests

EOI# WY00016378

WY202X-XX-7155

WY, Worland Field Office, Bureau of Land Management, PD

T. 51 N., R. 95 W., 6TH PM

Sec. 29 S1/2NW1/4 (EXCL

1.19 AC IN RSVR ROW

WYW51086);

Sec. 29 LOTS 13;

Sec. 29

W1/2NE1/4,N1/2NW1/4,W1/2S

W1/4;

Sec. 30 NE1/4,NE1/4NW1/4

(EXCL 5.56 AC IN RSVR

ROW WYW51086);

Sec. 30 LOTS 6 thru 8;

Sec. 30

SE1/4NW1/4,E1/2SW1/4,SE1/4

;

Sec. 31

N1/2NE1/4,SW1/4NE1/4,N1/2S

E1/4 (EXCL 8.0 AC IN RSVR

ROW WYW51086);

Sec. 31 LOTS 5 thru 8;

Sec. 31

SE1/4NE1/4,E1/2NW1/4,

E1/2SW1/4, S1/2SE1/4;

Sec. 32 LOTS 5, 8, 12 OF

TRACT 44;

Sec. 32 LOTS 6, 7, 9;

Sec. 36 LOTS 1, 3, 6, 7, 13, 14,

23.

Big Horn County

1733.49 Acres

Stipulations:

WY Std Lease Notice 1041

BLM Lease Notice for Water Monitoring Plans

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY WFO_CSU_15MMLP

BLM Stipulations for Fifteenmile Master Lease Plan Analysis Area (recreational setting, LRP soils, and geologic features)

WY WFO_CSU_PSWRW

BLM Stipulations for Perennial Surface Water and Riparian/Wetland Areas

WY WFO_CSU_PW

BLM Stipulations for Water Resources and Public Water Supplies

WY WFO_CSU_RN

BLM Stipulations for Raptor Nests

WY WFO_CSU_T2M

BLM Stipulations for Other Historic Trails

WY WFO_LN_15MMLPERR

BLM Lease Notice for Fifteenmile Master Leasing Plan

Analysis Area (Erosion, Revegetation, and Restoration)

WY WFO_LN_15MMLPOHV

BLM Lease Notice for Fifteenmile Master Leasing Plan Analysis Area (OHV and mountain bike travel)

WY WFO_NSO_H2O500F

BLM Stipulations for Surface Water, Riparian/Wetland Areas, and Playas

WY WFO_NSO_REC

BLM Stipulations for Campgrounds, Trailheads, Day Use Areas, and Similar Recreation Sites

WY WFO_TLS_RN

BLM Stipulations for Raptor Nests

EOI# WY00016378

WY202X-XX-7039

WY, Worland Field Office, Bureau of Land Management, PD

T. 50 N., R. 96 W., 6TH PM

Sec. 3 LOTS 5;

Sec. 13 ALL.

T. 51 N., R. 96 W., 6TH PM

Sec. 36 LOTS 14, 19, 20;

Sec. 36 S1/2SW1/4,S1/2SE1/4.

Big Horn County

849.67 Acres

Stipulations:

WY Std Lease Notice 1041

BLM Lease Notice for Water Monitoring Plans

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
WY WFO_CSU_15MMLP
BLM Stipulations for
Fifteenmile Master Lease Plan
Analysis Area (recreational
setting, LRP soils, and geologic
features)
WY WFO_CSU_PW
BLM Stipulations for Water
Resources and Public Water
Supplies
WY WFO_LN_15MMLPERR
BLM Lease Notice for
Fifteenmile Master Leasing Plan
Analysis Area (Erosion,
Revegetation, and Restoration)
WY WFO_LN_15MMLPOHV
BLM Lease Notice for
Fifteenmile Master Leasing Plan
Analysis Area (OHV and
mountain bike travel)
WY WFO_NSO_H2O500F
BLM Stipulations for Surface
Water, Riparian/Wetland Areas,
and Playas
EOI# WY00015184

WY202X-XX-7060
WY, Rock Springs Field Office,
Bureau of Land Management,
PD
T. 18 N., R. 99 W., 6TH PM
Sec. 6 LOTS 8 thru 14;
Sec. 6
S1/2NE1/4,SE1/4NW1/4,E1/2S
W1/4,SE1/4;
Sec. 18 LOTS 5 thru 8;
Sec. 18
E1/2,E1/2NW1/4,E1/2SW1/4;
Sec. 20
NWNE,NENW,S2NW,NWSW
(EXCL 20.18 AC IN RR ROW
UNDER THE ACT OF
3/3/1875);

Sec. 20
NE1/4NE1/4,S1/2NE1/4,NW1/4
NW1/4,NE1/4SW1/4,S1/2SW1/
4,SE1/4;
Sec. 30 LOT 5,NENW (EXC
10.13 AC IN RR ROW UNDER
THE ACT OF 3/3/1875);
Sec. 30 LOTS 6 thru 8;
Sec. 30
E1/2,SE1/4NW1/4,E1/2SW1/4.
Sweetwater County
2501.09 Acres
Stipulations:
WY RSFO_CSU_TRAILS
BLM Stipulations for Historic
Trails (protecting cultural and
scenic values)
WY RSFO_NSO_RN
BLM Stipulations for Raptor
Nests
WY RSFO_TLS_BGCW
BLM Stipulations for Big Game
Crucial Winter Range
WY RSFO_TLS_RN
BLM Stipulations for Raptor
Nests
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**
BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00015781
WY202X-XX-7100
WY, Rock Springs Field Office,
Bureau of Land Management,
PD
T. 18 N., R. 100 W., 6TH PM
Sec. 4 LOTS 8 thru 10,15 thru
17 (EXCL 31.66 IN RR ROW
WYW49684);
Sec. 4 LOTS 5 thru 7,11 thru
14,18 thru 20;
Sec. 6 LOTS 5 thru 12, 15 thru
18;
Sec. 10 LOTS 1 thru 16;
Sec. 18 LOTS 5 thru 20.
Sweetwater County
2338.49 Acres
Stipulations:
WY RSFO_NSO_RN
BLM Stipulations for Raptor
Nests
WY RSFO_TLS_RN
BLM Stipulations for Raptor
Nests
WY Std Lease Notice No. 1
BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources
WY Std Lease Notice No. 2
BLM Lease Notice for National
Historic Trails
WY Std Lease Notice No. 3
BLM Lease Notice for Greater
Sage-Grouse Habitat
**WY Std Lease Stipulation No.
1**
BLM Stipulations for Historic
Properties
**WY Std Lease Stipulation No.
2**
BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation
**WY Std Lease Stipulation No.
3**
BLM Stipulations for Multiple
Mineral Development
WY Std Notice to Lessee
BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00015782

WY202X-XX-7107

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 18 N., R. 100 W., 6TH PM

Sec. 20 LOTS 2 thru 7, 9 thru
16;

Sec. 22 LOTS 1-3,8 (EXCL
22.68 AC UNDER THE ACT
OF 3/3/1875);

Sec. 22 LOTS 4 thru 7,9 thru 16;

Sec. 28 LOTS 1 thru 16;

Sec. 30 LOTS 5 thru 20.

Sweetwater County

2454.31 Acres

Stipulations:

WY RSFO_CSU_TRAILS

BLM Stipulations for Historic
Trails (protecting cultural and
scenic values)

WY RSFO_NSO_RN

BLM Stipulations for Raptor
Nests

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY RSFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00015782

WY202X-XX-7110

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 18 N., R. 100 W., 6TH PM

Sec. 32 LOTS 1 thru 16;

Sec. 34 LOTS 1 thru 16.

Sweetwater County

1348.95 Acres

Stipulations:

WY RSFO_NSO_RN

BLM Stipulations for Raptor
Nests

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY RSFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00015782

WY202X-XX-7045

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 22 N., R. 100 W., 6TH PM

Sec. 30 LOTS 5 thru 8;

Sec. 30 E1/2,E1/2NW1/4,
E1/2SW1/4;

Sec. 32 ALL.

Sweetwater County

1273.56 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_CSU_PHMA

BLM Stipulations for Greater
Sage-Grouse Priority Habitat
Management Areas (PHMAs) -
Core Only

WY SW_NSO_PHMAL

BLM Stipulations for Greater
Sage-Grouse leks. Within 0.6-
mile radius of occupied leks
inside Priority Habitat

Management Areas

WY SW_TLS_PHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Inside Priority Habitat Management Areas (Core only)
WY SW_TLS_PHMAWCA
BLM Stipulations for Greater Sage-Grouse Winter Concentration Areas
EOI# WY00015775

WY202X-XX-7061

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 23 N., R. 100 W., 6TH PM

Sec. 5 SW1/4SE1/4,

S1/2SW1/4;

Sec. 6 S1/2SE1/4, E1/2SW1/4;

Sec. 8 ALL;

Sec. 10 SE1/4SE1/4;

Sec. 11 S1/2SW1/4, S1/2SE1/4;

Sec. 12 NE1/4SE1/4,

S1/2SW1/4, S1/2SE1/4;

Sec. 14 N1/2, N1/2SW1/4,

SW1/4SE1/4;

Sec. 22 NW1/4NW1/4,

S1/2NE1/4, S1/2NW1/4, S1/2.

Sweetwater County

2280 Acres

Stipulations:

WY RSFO_CSU_RDWGEN

BLM Stipulations for Red Desert Watershed Special Management Area Watershed, Visual, Wildlife and Soils

WY RSFO_CSU_VRM

BLM Stipulations for Visual Resource Management Areas (Class I and/or Class II)

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game

Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015774

WY202X-XX-7069

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 23 N., R. 100 W., 6TH PM

Sec. 20 ALL;

Sec. 26 ALL;

Sec. 28 ALL;

Sec. 30 LOTS 5 thru 8;

Sec. 30 E1/2,E1/2NW1/4,

E1/2SW1/4.

Sweetwater County

2549.8 Acres

Stipulations:

WY RSFO_CSU_VRM

BLM Stipulations for Visual Resource Management Areas (Class I and/or Class II)

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015774

WY202X-XX-0986

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 12 N., R. 101 W., 6TH PM

Sec. 19 LOTS 5 thru 12;

Sec. 19

W1/2NE1/4,E1/2NW1/4;

Sec. 20 LOTS 5 thru 11.

Sweetwater County

805.78 Acres

Stipulations:

WY RSFO_CSU_RDWGEN

BLM Stipulations for Red Desert Watershed Special Management Area Watershed, Visual, Wildlife and Soils

WY RSFO_NSO_RN

BLM Stipulations for Raptor Nests

WY RSFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015682

WY202X-XX-7040

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 23 N., R. 101 W., 6TH PM

Sec. 22 ALL;

Sec. 24 ALL;

Sec. 26 ALL;

Sec. 34 S1/2, W1/2NE1/4, W1/2NW1/4.

Sweetwater County

2400 Acres

Stipulations:

WY RSFO_CSU_TRAILS

BLM Stipulations for Historic Trails (protecting cultural and scenic values)

WY RSFO_CSU_VRM

BLM Stipulations for Visual Resource Management Areas (Class I and/or Class II)

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_CSU_PHMA

BLM Stipulations for Greater Sage-Grouse Priority Habitat Management Areas (PHMAs) - Core Only

WY SW_TLS_PHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Inside Priority Habitat Management Areas (Core only)

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater Sage-Grouse Winter Concentration Areas
EOI# WY00015773

WY202X-XX-1227

WY, Cody Field Office, Bureau of Land Management, PD

T. 48 N., R. 101 W., 6TH PM

Sec. 6 LOTS 9,10;

Sec. 7 LOTS 4;

Sec. 7 SE1/4SW1/4;

Sec. 17 E1/2,NW1/4, E1/2SW1/4, NW1/4SW1/4;

Sec. 18 LOTS 1 thru 4;

Sec. 18 NE1/4, E1/2NW1/4, NE1/4SE1/4.

Park County

1152.24 Acres

Stipulations:

WY CyFO_NSO_H2O500F

BLM Stipulations for Surface Water and Riparian/Wetland Areas

WY CyFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY Std Lease Notice 1041

BLM Lease Notice for Water Monitoring Plans

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00017079,

WY00017073

WY202X-XX-0924

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 23 N., R. 103 W., 6TH PM

Sec. 23 NW1/4SW1/4.

Sweetwater County

40 Acres

Stipulations:

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY Std Special Lease Notice II

BLM Lease Notice for Big Game Migration
EOI# WY00016618

WY202X-XX-6782

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 28 N., R. 104 W., 6TH PM

Sec. 7 LOTS 1 thru 4;

Sec. 7 E1/2, E1/2NW1/4, E1/2SW1/4;

Sec. 9 SE1/4SE1/4;

Sec. 10 NENW (EXCL 3.57 AC IN RSVR ROW WYE02636);

Sec. 10 E1/2, SE1/4NW1/4, SW1/4SW1/4, E1/2SW1/4.

Sublette County

1179.27 Acres

Stipulations:

WY

RSFO_CSU_WRSRMAW

BLM Stipulations for Wind River Special Recreation Management Area West

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY Std Special Lease Notice II

BLM Lease Notice for Big Game Migration

WY SW_CSU_PHMA

BLM Stipulations for Greater Sage-Grouse Priority Habitat Management Areas (PHMAs) - Core Only

WY SW_NSO_PHMAL

BLM Stipulations for Greater Sage-Grouse leks. Within 0.6-mile radius of occupied leks inside Priority Habitat Management Areas

WY SW_TLS_PHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Inside Priority Habitat Management Areas (Core only)

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater Sage-Grouse Winter Concentration Areas
EOI# WY00014592

WY202X-XX-6976

WY, Pinedale Field Office, Bureau of Land Management, PD

T. 30 N., R. 109 W., 6TH PM

Sec. 7 Bed of the New Fork Riv Rip to lots 9-11;

Sec. 7 LOTS 7 thru 11;

Sec. 7 SE1/4;

Sec. 8 Bed of the New Fork Riv Ripar to lots 1,5-7;

Sec. 8 LOTS 1,5 thru 7;

Sec. 8 E1/2NE1/4,S1/2.

Sublette County

786.29 Acres

Stipulations:

WY PFO_TLS_BEN

BLM Stipulations for Bald Eagle Nests

WY PFO_TLS_BEWR

BLM Stipulations for Bald Eagle Winter Roosts

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_BONH

BLM Stipulations for Burrowing Owl Nesting Habitat

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY PFO_TLS_YBC

BLM Stipulations for Yellow Billed Cuckoo Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00015669

WY202X-XX-0911

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 27 N., R. 110 W., 6TH PM

Sec. 1 LOTS 1 thru 4;

Sec. 1 S1/2NE1/4, S1/2NW1/4,
S1/2;

Sec. 2 LOTS 1 thru 4;

Sec. 2 S1/2NE1/4, S1/2NW1/4,
S1/2;

Sec. 3 LOTS 1 thru 4;

Sec. 3 S1/2NE1/4, S1/2NW1/4,
S1/2.

Sublette County

1922.08 Acres

Stipulations:

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act

requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015721

WY202X-XX-7003

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 27 N., R. 110 W., 6TH PM

Sec. 4 LOTS 1 thru 4;

Sec. 4

S1/2NE1/4, S1/2NW1/4, S1/2;

Sec. 5 LOTS 1 thru 4;

Sec. 5

S1/2NE1/4, S1/2NW1/4, S1/2;

Sec. 6 LOTS 1 thru 7;

Sec. 6

S1/2NE1/4, SE1/4NW1/4, E1/2S
W1/4, SE1/4;

Sec. 7 LOTS 1 thru 4;

Sec. 7

E1/2, E1/2NW1/4, E1/2SW1/4.

Sublette County

2514.11 Acres

Stipulations:

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY RSFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00015721

WY202X-XX-0918

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 27 N., R. 110 W., 6TH PM

Sec. 8 ALL;

Sec. 9 ALL;

Sec. 10 ALL;

Sec. 11 ALL.

Sublette County

2560 Acres

Stipulations:

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00015721

WY202X-XX-7008

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 27 N., R. 110 W., 6TH PM

Sec. 12 ALL.

Sublette County

640 Acres

Stipulations:

WY RSFO_NSO_RN

BLM Stipulations for Raptor Nests

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY RSFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015721

WY202X-XX-0870

WY, Pinedale Field Office, Bureau of Land Management, PD

T. 29 N., R. 110 W., 6TH PM

Sec. 1

NE1/4SW1/4,S1/2SW1/4,SE1/4

;

Sec. 2

NW1/4SW1/4,S1/2SW1/4,S1/2 SE1/4;

Sec. 11 ALL;

Sec. 12 N1/2NE1/4, SW1/4NE1/4, NW1/4NW1/4, S1/2NW1/4, S1/2.

Sublette County

1680 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_CSU_WTPD

BLM Stipulations for White-tailed Prairie Dog Towns

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_BONH

BLM Stipulations for Burrowing Owl Nesting Habitat

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater Sage-Grouse Winter Concentration Areas

EOI# WY00015674

WY202X-XX-6981

WY, Pinedale Field Office, Bureau of Land Management, PD

T. 29 N., R. 110 W., 6TH PM

Sec. 3 S1/2;

Sec. 4

SE1/4SW1/4,SW1/4SE1/4,E1/2 SE1/4;

Sec. 13

E1/2,N1/2NW1/4,SE1/4NW1/4, SW1/4;

Sec. 14 ALL.

Sublette County

1720 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_CSU_WTPD

BLM Stipulations for White-tailed Prairie Dog Towns

WY PFO_NSO_CR

BLM Stipulations for Cultural Resources

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015674

WY202X-XX-0886

WY, Pinedale Field Office, Bureau of Land Management, PD

T. 29 N., R. 110 W., 6TH PM

Sec. 6 LOTS 1;

Sec. 6 SE1/4NE1/4,

NW1/4SE1/4.

Sublette County

120.1 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_NSO_NLB

BLM Stipulations for Buffering No Lease Areas

WY PFO_TLS_BEN

BLM Stipulations for Bald Eagle Nests

WY PFO_TLS_BEWR

BLM Stipulations for Bald Eagle Winter Roosts

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_BONH

BLM Stipulations for Burrowing Owl Nesting Habitat

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY PFO_TLS_YBC

BLM Stipulations for Yellow Billed Cuckoo Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

EOI# WY00015674

WY202X-XX-0878

WY, Pinedale Field Office, Bureau of Land Management, PD

T. 29 N., R. 110 W., 6TH PM

Sec. 8 E1/2, E1/2NW1/4, SW1/4SW1/4, E1/2SW1/4;

Sec. 9 ALL;

Sec. 10 ALL.

Sublette County

1800 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting,

etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00015674

WY202X-XX-0882

WY, Pinedale Field Office,
Bureau of Land Management,
PD

T. 29 N., R. 110 W., 6TH PM

Sec. 17 E1/2, NW1/4,
E1/2SW1/4;
Sec. 20 E1/2, E1/2NW1/4,
NW1/4NW1/4, SE1/4SW1/4.
Sublette County
1040 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor
Nests

WY PFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY PFO_TLS_BONH

BLM Stipulations for Burrowing
Owl Nesting Habitat

WY PFO_TLS_MPN

BLM Stipulations for Mountain
Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater
Sage-Grouse Winter
Concentration Areas
EOI# WY00015674

WY202X-XX-1023

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 14 N., R. 111 W., 6TH PM

Sec. 1 LOTS 5 thru 8;
Sec. 1 S1/2NE1/4,S1/2NW1/4,
S1/2;
Sec. 2 LOTS 5 thru 8;
Sec. 2 S1/2NE1/4,S1/2NW1/4,
S1/2;
Sec. 11 ALL.

Sweetwater County
1920.12 Acres

Stipulations:

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY RSFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing
EOI# WY00015226

WY202X-XX-7103

WY, Rock Springs Field Office,
Bureau of Land Management,
PD

T. 14 N., R. 111 W., 6TH PM

Sec. 3 LOTS 5 thru 8;
Sec. 3 S1/2NE1/4, S1/2NW1/4,
S1/2;
Sec. 4 LOTS 5 thru 8;
Sec. 4 S1/2NE1/4,S1/2NW1/4,
S1/2;
Sec. 9 ALL;
Sec. 10 ALL.

Sweetwater County
2559.88 Acres

Stipulations:

WY RSFO_NSO_RN

BLM Stipulations for Raptor
Nests

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY RSFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00015226

WY202X-XX-1025

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 14 N., R. 111 W., 6TH PM

Sec. 12 ALL;

Sec. 13 NW1/4, N1/2SW1/4. Sweetwater County

880 Acres

Stipulations:

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing
EOI# WY00015226

WY202X-XX-6995

WY, Pinedale Field Office, Bureau of Land Management, PD

T. 28 N., R. 111 W., 6TH PM

Sec. 1 SE1/4NE1/4,

S1/2SW1/4, SE1/4;

Sec. 11 NE1/4, SE1/4NW1/4, S1/2;

Sec. 12 ALL.

Sublette County

1440 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_TLS_BONH

BLM Stipulations for Burrowing Owl Nesting Habitat

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater Sage-Grouse Winter Concentration Areas

EOI# WY00015721

WY202X-XX-0904

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 28 N., R. 111 W., 6TH PM

Sec. 13 ALL;

Sec. 14 ALL;

Sec. 23 ALL;

Sec. 25 S1/2.

Sublette County

2240 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_BONH

BLM Stipulations for Burrowing Owl Nesting Habitat

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater Sage-Grouse Winter Concentration Areas
EOI# WY00015721

WY202X-XX-7000

WY, Pinedale Field Office,
Bureau of Land Management,
PD

T. 28 N., R. 111 W., 6TH PM

Sec. 24 ALL;

Sec. 26 ALL;

Sec. 35 ALL.

Sublette County

1920 Acres

Stipulations:

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY RSFO_NSO_RN

BLM Stipulations for Raptor Nests

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY RSFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas

WY SW_TLS_PHMAWCA

BLM Stipulations for Greater Sage-Grouse Winter Concentration Areas
EOI# WY00015721

WY202X-XX-1267

WY, Pinedale Field Office,
Bureau of Land Management,
PD

T. 30 N., R. 111 W., 6TH PM

Sec. 1 LOT 2 (EXCLUDING 2.25 AC IN RSVR ROW

WYE04315);

Sec. 1 SWNE (EXCL 0.58 AC IN RSVR ROW WYE04315);

Sec. 1 LOTS 3;

Sec. 1 S1/2NW1/4.

Sublette County

197.12 Acres

Stipulations:

WY PFO_CSU_LT

BLM Stipulations for Lander Trail

WY PFO_CSU_RN

BLM Stipulations for Raptor Nests

WY PFO_NSO_NLB

BLM Stipulations for Buffering No Lease Areas

WY PFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY PFO_TLS_MPN

BLM Stipulations for Mountain Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor Nests

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease.

Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas

EOI# WY00016933

WY202X-XX-7216

WY, Pinedale Field Office,
Bureau of Land Management,
PD

T. 30 N., R. 111 W., 6TH PM

Sec. 1 SENE (EXCL 1.83 AC
IN RSVR ROW WYE04315);

Sec. 1 LOTS 1;

Sec. 25 SE1/4NE1/4,SE1/4.

Sublette County

278.16 Acres

Stipulations:

WY PFO_CSU_LT

BLM Stipulations for Lander
Trail

WY PFO_CSU_RN

BLM Stipulations for Raptor
Nests

WY PFO_CSU_WTPD

BLM Stipulations for White-
tailed Prairie Dog Towns

WY PFO_NSO_LT

BLM Stipulations for Lander
Trail

WY PFO_NSO_NLB

BLM Stipulations for Buffering
No Lease Areas

WY PFO_TLS_BEN

BLM Stipulations for Bald
Eagle Nests

WY PFO_TLS_BEWR

BLM Stipulations for Bald
Eagle Winter Roosts

WY PFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY PFO_TLS_BONH

BLM Stipulations for Burrowing
Owl Nesting Habitat

WY PFO_TLS_MPN

BLM Stipulations for Mountain
Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY PFO_TLS_YBC

BLM Stipulations for Yellow
Billed Cuckoo Nesting Habitat

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater
Sage-Grouse breeding, nesting,
etc. Within 2 miles of an
occupied lek outside Priority
Habitat Management Areas
EOI# WY00016931

WY202X-XX-1262

WY, Pinedale Field Office,
Bureau of Land Management,
PD

T. 30 N., R. 111 W., 6TH PM

Sec. 21 N1/2;

Sec. 28

W1/2SW1/4,SE1/4SW1/4;

Sec. 33 NE1/4, E1/2NW1/4,

NE1/4SW1/4.

Sublette County

720 Acres

Stipulations:

WY PFO_CSU_LT

BLM Stipulations for Lander
Trail

WY PFO_CSU_RN

BLM Stipulations for Raptor
Nests

WY PFO_CSU_WTPD

BLM Stipulations for White-
tailed Prairie Dog Towns

WY PFO_NSO_NLB

BLM Stipulations for Buffering
No Lease Areas

WY PFO_TLS_BEN

BLM Stipulations for Bald
Eagle Nests

WY PFO_TLS_BEWR

BLM Stipulations for Bald
Eagle Winter Roosts

WY PFO_TLS_BGCW

BLM Stipulations for Big Game
Crucial Winter Range

WY PFO_TLS_BONH

BLM Stipulations for Burrowing
Owl Nesting Habitat

WY PFO_TLS_MPN

BLM Stipulations for Mountain
Plover Nests

WY PFO_TLS_RN

BLM Stipulations for Raptor
Nests

WY Std Lease Notice No. 1

BLM Lease Notice for
Reasonable Measures to
Minimize Adverse Impacts to
Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National
Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater
Sage-Grouse Habitat

WY Std Lease Stipulation No.

1

BLM Stipulations for Historic
Properties

WY Std Lease Stipulation No.

2

BLM Stipulations for
Endangered Species Act Section
7 Consultation Stipulation

WY Std Lease Stipulation No.

3

BLM Stipulations for Multiple
Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for
Attachment to Each Lease.
Mineral Leasing Act
requirements with respect to
coal leasing

EOI# WY00016932

WY202X-XX-1261

WY, Pinedale Field Office,
Bureau of Land Management,
PD

T. 30 N., R. 111 W., 6TH PM

Sec. 34 N1/2;

Sec. 35

NW1/4NW1/4,S1/2NW1/4,NE1/4SW1/4,SE1/4.
 Sublette County
 640 Acres
 Stipulations:
WY PFO_CSU_RN
 BLM Stipulations for Raptor Nests
WY PFO_CSU_VRM
 BLM Stipulations for Visual Resource Management Areas (Class I and II)
WY PFO_NSO_NLB
 BLM Stipulations for Buffering No Lease Areas
WY PFO_TLS_BEN
 BLM Stipulations for Bald Eagle Nests
WY PFO_TLS_BEWR
 BLM Stipulations for Bald Eagle Winter Roosts
WY PFO_TLS_BGCW
 BLM Stipulations for Big Game Crucial Winter Range
WY PFO_TLS_MPN
 BLM Stipulations for Mountain Plover Nests
WY PFO_TLS_RN
 BLM Stipulations for Raptor Nests
WY PFO_TLS_YBC
 BLM Stipulations for Yellow Billed Cuckoo Nesting Habitat
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2
 BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease.
 Mineral Leasing Act requirements with respect to coal leasing
 EOI# WY00016931

WY202X-XX-7192
 WY, Pinedale Field Office, Bureau of Land Management, PD
T. 30 N., R. 113 W., 6TH PM
 Sec. 18 W1/2NE1/4, SE1/4NE1/4, SW1/4SE1/4, E1/2SE1/4;
 Sec. 26 N1/2, SE1/4;
 Sec. 32 NE1/4NE1/4;
 Sec. 35 E1/2, N1/2NW1/4, S1/2NW1/4, SW1/4.
 Sublette County
 1360 Acres
 Stipulations:
WY PFO_CSU_LT
 BLM Stipulations for Lander Trail
WY PFO_NSO_NLB
 BLM Stipulations for Buffering No Lease Areas
WY PFO_TLS_BGCW
 BLM Stipulations for Big Game Crucial Winter Range
WY PFO_TLS_RN
 BLM Stipulations for Raptor Nests
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat
WY Std Lease Stipulation No. 1
 BLM Stipulations for Historic Properties
WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation
WY Std Lease Stipulation No. 3
 BLM Stipulations for Multiple Mineral Development
WY Std Notice to Lessee
 BLM Lease Notice for Attachment to Each Lease.
 Mineral Leasing Act requirements with respect to coal leasing
WY SW_NSO_GHMAL
 BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas
WY SW_TLS_GHMAL
 BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
 EOI# WY00014799

WY202X-XX-1219
 WY, Rock Springs Field Office, Bureau of Land Management, PD
T. 12 N., R. 114 W., 6TH PM
 Sec. 1 LOTS 3;
 Sec. 1 NW1/4SW1/4;
 Sec. 12 LOTS 1 thru 8;
 Sec. 12 S1/2NE1/4, S1/2NW1/4, N1/2SW1/4, N1/2SE1/4;
 Sec. 13 ALL;
 Sec. 24 N1/2NW1/4, SW1/4NW1/4.
 Uinta County
 1319.63 Acres
 Stipulations:
WY Std Lease Notice No. 1
 BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources
WY Std Lease Notice No. 2
 BLM Lease Notice for National Historic Trails
WY Std Lease Notice No. 3
 BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_NSO_GHMAL

BLM Stipulations for Greater Sage-Grouse Leks. Within 0.25-mile radius of occupied leks outside Priority Habitat Management Areas

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016972

WY202X-XX-1221

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 12 N., R. 114 W., 6TH PM

Sec. 2 LOTS 4;

Sec. 15 NE1/4NE1/4.

Uinta County

80.17 Acres

Stipulations:

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to

Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016961

WY202X-XX-7214

WY, Rock Springs Field Office, Bureau of Land Management, PD

T. 12 N., R. 114 W., 6TH PM

Sec. 3 LOTS 1 thru 4;

Sec. 3 S1/2NE1/4, S1/2NW1/4, S1/2;

Sec. 11 LOTS 1 thru 8;

Sec. 11

W1/2NE1/4,SE1/4NE1/4, N1/2SE1/4;

Sec. 11 S1/2NE1/4, N1/2SE1/4;

Sec. 14 ALL;

Sec. 23 NE1/4, N1/2NW1/4.

Uinta County

1878.53 Acres

Stipulations:

WY RSFO_TLS_BGCW

BLM Stipulations for Big Game Crucial Winter Range

WY Std Lease Notice No. 1

BLM Lease Notice for Reasonable Measures to Minimize Adverse Impacts to Resources

WY Std Lease Notice No. 2

BLM Lease Notice for National Historic Trails

WY Std Lease Notice No. 3

BLM Lease Notice for Greater Sage-Grouse Habitat

WY Std Lease Stipulation No. 1

BLM Stipulations for Historic Properties

WY Std Lease Stipulation No. 2

BLM Stipulations for Endangered Species Act Section 7 Consultation Stipulation

WY Std Lease Stipulation No. 3

BLM Stipulations for Multiple Mineral Development

WY Std Notice to Lessee

BLM Lease Notice for Attachment to Each Lease. Mineral Leasing Act requirements with respect to coal leasing

WY SW_TLS_GHMAL

BLM Stipulations for Greater Sage-Grouse breeding, nesting, etc. Within 2 miles of an occupied lek outside Priority Habitat Management Areas
EOI# WY00016971

4.4.1 Lease Stipulation Code Index

STIPULATION CODE	STIPULATION LANGUAGE
WY_BFO_CSU_BEGE	CSU (1) Prior to surface disturbance within 1.0 mile of consistently used bald and golden eagle winter roosts and riparian corridors a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit

	to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that wintering eagles will not be disturbed (as defined by the Bald and Golden Eagle Protection Act). Bald or golden eagles will not be agitated or bothered to a degree that causes or is likely to cause physical injury, or a decrease in productivity by substantially interfering with normal breeding, feeding, or sheltering behavior; (2) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) protecting bald and golden eagle winter roosting habitat.
WY_BFO_CSU_BGCW	CSU (1) Prior to surface disturbance within Wyoming Game and Fish Department designated big game crucial winter range, a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that the function and suitability of crucial big game winter ranges will not be impaired; (2) as mapped by the Wyoming Game and Fish Department; (3) ensuring the function and suitability of crucial big game winter range.
WY_BFO_CSU_C100F	CSU (1) Prior to surface disturbance or disruptive activities near an entrance to a significant cave a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the BLM Authorized Officer's satisfaction that the action will not destroy, disturb, deface, mar, alter, remove, or harm any significant cave or alter the free movement of any animal or plant life into or out of any significant cave; (2) as mapped by the BLM; (3) protecting significant cave resources (any material or substance occurring naturally in caves, such as animal life, plant life, paleontological deposits, sediments, minerals, speleogens, and speleothems).
WY_BFO_CSU_CLBA	CSU (1) Surface use or occupancy shall not be allowed by oil and gas lessee(s), operating rights holder(s), and/or oil and gas operator(s) on this Federal oil and gas lease to conduct any oil and gas operation, including drilling for, removing, or disposing of oil and/or gas contained in Federal coal lease(s) unless a plan for mitigation of anticipated impacts is developed between the oil and gas and the coal lessees, and the Plan is approved by the BLM Authorized Officer; (2) on areas identified as highly likely to be considered in a Coal Lease By Application as mapped by the US Office of Surface Mining, Wyoming Department of Environmental Quality, US Geological Survey, and/or BLM; (3) protecting the first in time valid existing rights of the coal lessee, the BLM Authorized Officer reserves the right to alter or modify any oil and gas operations on the lands described in this lease ensuring the orderly development of the coal resource by surface and/or underground mining methods, coal mine worker safety, and/or coal production rates or recovery of the coal resource. The oil and gas lessee(s), operating rights holder(s), and/or oil and gas operator(s) of this Federal oil and gas lease shall not hold the United States as lessor, coal lessee(s), sub-lessee(s), and/or coal operator(s) liable for any damage or loss of the oil and gas resource, including the venting of coalbed natural gas, caused by coal exploration or mining operations conducted on Federal coal lease.
WY_BFO_CSU_EC	CSU (1) Prior to surface disturbance within Wyoming Game and Fish Department designated elk calving areas a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that the function and suitability of elk calving areas will not be impaired; (2) as mapped by the Wyoming Game and Fish Department; (3) ensuring the function and suitability of elk calving areas.

WY_BFO_CSU_ECWC	CSU (1) Fluid mineral production and byproducts shall be piped out of, and permanent above ground facilities will be located outside of, Wyoming Game and Fish Department designated elk crucial winter range and calving areas unless a mitigation plan (Plan) is submitted by the applicant and approved by the BLM as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that the function and suitability of elk crucial winter range and elk calving areas will not be impaired; (2) as mapped by the Wyoming Game and Fish Department; (3) ensuring the function and suitability of elk crucial winter range and elk calving areas.
WY_BFO_CSU_FCR	CSU (1) Surface-disturbing and disruptive activities shall only be approved with adequate mitigation to ensure compliance with the Fortification Creek Resources Management Plan Amendment (BLM 2011) performance standards. Prior to surface disturbance within the Fortification Creek Planning Area a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate); (2) within the Fortification Creek Planning Area (Map 3-36); (3) protecting the viability of the Fortification elk herd and facilitating ecosystem reconstruction in the stabilization of disturbed areas.
WY_BFO_CSU_FQM	CSU (1) Prior to surface disturbance within 0.25 mile of naturally occurring water bodies containing native or desirable non-native fish species a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that there will not be a local decline in fish abundance or range as a result of the lease operations. Examples of a few of the items to consider are as follows. Spill prevention measures must be used to ensure hydrocarbons and other potentially toxic substances used for lease activities are prevented from entering the watercourse. Sediment control measures must be used to ensure increased sediment contributions are avoided; (2) as mapped by the Wyoming Game and Fish Department and/or BLM; (3) protecting native and desirable non-native fish populations and habitat.
WY_BFO_CSU_GSGRH	CSU (1) All applicable surface disturbances (existing or future, and not limited to fluid mineral disturbances) must be restored, as described in the Buffalo Field Office Resource Management Plan, to the approval of the BLM Authorized Officer; (2) Greater Sage-Grouse Core Population Areas and Connectivity Corridors (Priority Habitat) as mapped on the Buffalo Field Office GIS database; (3) to restore functional Greater Sage-Grouse habitat to support core Greater Sage-Grouse populations.
WY_BFO_CSU_H	CSU (1) Prior to surface disturbance within 3 miles of the Pumpkin Buttes, Cantonment Reno, Dull Knife Battle, and Crazy Woman Battle historic properties, contributing and unevaluated segments of the Bozeman Trail, all rock art sites, all rock shelter sites, and all Native American burials, a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator may not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan or approved it with conditions after consultation with the State Historic Preservation Office, applicable Indian tribes, and other interested parties. The Plan must demonstrate to the Authorized Officer's satisfaction that there will be no adverse effects to National Register of Historic Places eligible or listed historic properties (i.e., the infrastructure will either not be visible or will result in a weak contrast rating); (2) as mapped on the Buffalo Field Office GIS database; (3) ensuring the setting of historic properties.
WY_BFO_CSU_H20500F	CSU (1) Prior to surface disturbance within 500 feet of springs, reservoirs not associated with coal bed natural gas projects, water wells, and perennial streams a site-specific construction, stabilization, and reclamation plan (Plan) must be submitted to the

	<p>BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the BLM Authorized Officer’s satisfaction how the operator will meet the following performance standards. Storm water and surface runoff will be controlled to minimize erosion (rilling, gullyng, piping, mass wasting) and offsite siltation during construction, use/operations, and reclamation. Offsite areas will be protected from accelerated soil erosion. The original landform and site productivity will be partially restored during interim reclamation and fully restored as a result of final reclamation; (2) as mapped by the US Geological Survey’s National Hydrologic Inventory and/or as determined by a BLM evaluation of the area; (3) ensuring protection of surface waters and associated riparian habitats by meeting the standards outlined in, Chapter 6 of the BLM’s Oil and Gas Gold Book, as revised, and the 2015 Buffalo Field Office Resource Management Plan Record of Decision.</p>
WY_BFO_CSU_PD	<p>CSU (1) Prior to surface disturbance within active prairie dog colonies on BLM-administered surface a special status species occupancy survey must be conducted and a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer’s satisfaction that activities with active prairie dog colonies on BLM surface would not adversely impact suitable habitat for special status species dependent upon prairie dog colonies; (2) as mapped or determined on the Buffalo Field Office GIS database or from field evaluation, in coordination with the US Fish and Wildlife Service and Wyoming Game and Fish Department; (3) conserving special status species wildlife and the prairie dog colonies on which they depend.</p>
WY_BFO_CSU_PHMAC	<p>CSU (1) Surface occupancy or use will be restricted. The cumulative value of all applicable surface disturbances, existing or future, must not exceed 5 percent of the Disturbance Density Calculation Tool (DDCT) area, as described in the DDCT manual; (2) as mapped on the Buffalo Field Office GIS database; (3) to protect Greater Sage-Grouse designated Priority Habitat Management Areas (Connectivity only) from habitat fragmentation and loss. This lease does not guarantee the lessee the right to occupy the surface of the lease for the purpose of producing oil and natural gas within Greater Sage-Grouse designated PHMAs (Connectivity only). The surface occupancy restriction criteria identified in this stipulation may preclude surface occupancy and may be beyond the ability of the lessee to meet due to existing surface disturbance on Federal, State, or private lands within designated PHMAs (Connectivity only) or surface disturbance created by other land users. The BLM may require the lessee or operator to enter into a unit agreement or drilling easement to facilitate the equitable development of this and surrounding leases.</p>
WY_BFO_CSU_R500F	<p>CSU (1) Prior to surface disturbance within 500 feet of riparian systems, wetlands, and aquatic habitats a site-specific construction, stabilization, and reclamation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the BLM Authorized Officer’s satisfaction how the operator will meet the following performance standards. Storm water and surface runoff will be controlled to minimize erosion (rilling, gullyng, piping, mass wasting) and offsite siltation during construction, use/operations, and reclamation. Offsite areas will be protected from accelerated soil erosion. The original landform and site productivity will be partially restored during interim reclamation and fully restored as a result of final reclamation; (2) as mapped by the US Geological Survey’s National Hydrologic Inventory and/or as determined by a BLM evaluation of the area; (3) ensuring protection of surface waters and associated riparian habitats by meeting the standards outlined in, Chapter 6 of the BLM’s Oil and Gas Gold Book, as revised, and the 2015 Buffalo Field Office Resource Management Plan Record of Decision.</p>

WY_BFO_CSU_RN	<p>CSU (1) Prior to surface disturbance within US Fish and Wildlife Service recommended spatial buffers of raptor nests a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations.</p> <p>The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer’s satisfaction that nesting raptors will not be disturbed. Nesting raptors will not be agitated or bothered to a degree that causes or is likely to cause physical injury, a decrease in productivity by substantially interfering with normal breeding, feeding, or sheltering behavior, or nest abandonment by substantially interfering with normal breeding, feeding, or sheltering behavior; (2) as mapped on the Buffalo Field Office GIS database or determined by the BLM from field evaluation in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) ensuring raptor productivity.</p>
WY_BFO_CSU_SE	<p>CSU (1) 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 Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the BLM Authorized Officer’s satisfaction how the operator will meet the following performance standards. The disturbed area will be stabilized with no evidence of accelerated erosion features. The disturbed area shall be managed to ensure soil characteristics approximate an appropriate reference site with regard to erosional features to maintain soil productivity and sustainability. Sufficient viable topsoil is maintained for ensuring successful final reclamation. At locations where interim reclamation will be completed, this will be accomplished by respreading 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; (2) as mapped by the Natural Resources Conservation Service Soil Survey Geographic Database (SSURGO) Order 3 soil survey and/or as determined by a BLM evaluation of the area; (3) ensuring successful reclamation and erosion control on soils with a severe erosion hazard rating in order to meet the standards outlined in Chapter 6 the BLM’s Oil and Gas Gold Book, as revised, and the 2015 Buffalo Field Office Resource Management Plan Record of Decision.</p>
WY_BFO_CSU_Slopes25to50	<p>CSU (1) Prior to surface disturbance on slopes greater than 25% and less than 50% a site-specific construction, stabilization, and reclamation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The Plan must include designs approved and stamped by a licensed engineer. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the BLM Authorized Officer’s satisfaction how the operator will meet the following performance standards. Slope stability is maintained preventing slope failure or mass wasting. The disturbed area will be stabilized with no evidence of accelerated erosion features. The disturbed area shall be managed to ensure soil characteristics approximate an appropriate reference site with regard to erosional features to maintain soil productivity and sustainability. Sufficient viable topsoil is maintained for ensuring successful final reclamation. At locations where interim reclamation will be completed, this will be accomplished by respreading 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; (2) as mapped by the US Geological Survey (USGS) 1:24,000 scale topographic maps, USGS Digital Elevation Models, and/or as determined by a BLM evaluation of the area; (3) ensuring successful reclamation and erosion control on slopes greater than 25% and less than 50% in order to meet the standards outlined in Chapter 6 of the BLM’s Oil and Gas Gold Book, as revised, and the 2015 Buffalo Field Office Resource Management Plan Record of Decision.</p>

WY_BFO_CSU_SLR	<p>CSU (1) Prior to surface disturbance on limited reclamation potential areas a site-specific construction, stabilization, and reclamation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The Plan must include designs approved and stamped by a licensed engineer. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the BLM Authorized Officer’s satisfaction how the operator will meet the following performance standards. The disturbed area will be stabilized with no evidence of accelerated erosion features. The disturbed area shall be managed to ensure soil characteristics approximate an appropriate reference site with regard to erosional features to maintain soil productivity and sustainability. Slope stability is maintained preventing slope failure and erosion. Sufficient viable topsoil is maintained for ensuring successful final reclamation. At locations where interim reclamation will be completed, this will be accomplished by respreading 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; (2) as mapped by the Natural Resources Conservation Service Soil Survey Geographic Database (SSURGO) Order 3 soil survey and as determined by a BLM evaluation of the area; (3) ensuring successful reclamation and erosion control on limited reclamation potential areas in order to meet the standards outlined in, Chapter 6 of the BLM’s Oil and Gas Gold Book, as revised, and the 2015 Buffalo Field Office Resource Management Plan Record of Decision.</p>
WY_BFO_CSU_SSP	<p>CSU (1) Prior to surface disturbance within Ute ladies’-tresses orchid habitat flowering season survey(s) must be conducted and a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer’s satisfaction that Ute ladies’-tresses orchids will not be harmed and that the habitat on which they depend will be conserved; (2) as mapped or determined by the US Fish and Wildlife Service, Wyoming Natural Diversity Database, the Buffalo Field Office GIS database, or from field evaluation; (3) conserving Ute ladies’-tresses orchids and the habitat on which they depend.</p>
WY_BFO_CSU_SSPF	<p>CSU (1) Prior to surface disturbance within special status plant species habitats, flowering season surveys must be conducted and a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer’s satisfaction that special status plant species will not be harmed and that the habitat on which they depend will be conserved; (2) as mapped or determined by the US Fish and Wildlife Service, Wyoming Natural Diversity Database, the Buffalo Field Office GIS database, or from field evaluation; (3) conserving special status plant species and the habitat on which they depend.</p>
WY_BFO_CSU_SSWLA	<p>CSU (1) Prior to surface disturbance within 1,640 feet (500 meters) of perennial water, vernal pools, playas, and wetlands appropriate surveys must be conducted and a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator may not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan or approved it with conditions. The Plan must demonstrate to the Authorized Officer’s satisfaction that special status amphibian species will not be disturbed to a degree that causes or is likely to cause physical injury, a decrease in productivity by substantially interfering with normal breeding, sheltering, or hibernation behavior, or site abandonment by substantially interfering with normal breeding, sheltering, or hibernation behavior; (2) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3)</p>

	ensuring production of special status amphibian species breeding, sheltering, and hibernation habitat.
WY_BFO_CSU_SSWLB	<p>CSU (1) Prior to surface disturbance within 1,640 feet (500 meters) of cave entrances, mature forest, and rock outcrops appropriate surveys must be conducted and a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator may not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan or approved it with conditions. The Plan must demonstrate to the Authorized Officer's satisfaction that special status bat species will not be disturbed to a degree that causes or is likely to cause physical injury, a decrease in productivity by substantially interfering with normal breeding, nursery, roosting, or hibernation behavior, or site abandonment by substantially interfering with normal breeding, nursery, roosting, or hibernation behavior; (2) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) ensuring protection of special status bat species breeding, nursery, roosting, and hibernation habitat.</p>
WY_BFO_CSU_SSWLH	<p>CSU (1) Prior to surface disturbance within special status species wildlife habitat an occupancy survey must be conducted and a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that special status wildlife species will not be harmed (any act which actually kills or injures wildlife including habitat modification or degradation that substantially impairs essential behavioral patterns) and that the habitat on which they depend will be conserved; (2) as mapped or determined by the US Fish and Wildlife Service, Wyoming Game and Fish Department, Wyoming Natural Diversity Database, or BLM from field evaluation; (3) conserving special status species wildlife and the habitat on which they depend (BLM 2008 -6840 manual).</p>
WY_BFO_CSU_SSWLR	<p>CSU (1) Prior to surface disturbance within 1,640 feet (500 meters) of south facing rock outcrops, perennial water, vernal pools, playas, and wetlands appropriate surveys must be conducted and a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator may not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan or approved it with conditions. The Plan must demonstrate to the Authorized Officer's satisfaction that special status reptile species will not be disturbed to a degree that causes or is likely to cause physical injury, a decrease in productivity by substantially interfering with normal breeding, basking, sheltering, or hibernation behavior, or site abandonment by substantially interfering with normal breeding, basking, sheltering, or hibernation behavior; (2) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) ensuring production of special status reptile species breeding, basking, sheltering, and hibernation habitat.</p>
WY_BFO_CSU_STG	<p>CSU (1) Prior to surface disturbance within 0.25 mile of the perimeter of occupied sharp-tailed grouse leks a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that the function and suitability of sharp-tailed grouse breeding habitat will not be impaired (result in physical injury, a decrease in productivity by substantially interfering with normal breeding, feeding, or sheltering behavior, or lek abandonment by substantially interfering with normal breeding, feeding, or sheltering behavior); (2) as mapped by the Wyoming Game and Fish Department; (3) ensuring the function and suitability of sharp-tailed grouse breeding habitat.</p>

WY_BFO_CSU_TCP	CSU (1) Prior to surface disturbance within 3 miles of traditional cultural properties a mitigation plan (Plan) must be submitted by the applicant. The Plan must be approved or approved with conditions by the BLM Authorized Officer prior to surface-disturbing activities after consultation with the State Historic Preservation Office, applicable Indian tribes, and other interested parties. The Plan must demonstrate there will be no adverse effects to National Register of Historic Places eligible or listed historic properties (i.e., proposed infrastructure is either not visible or will result in a weak contrast rating); (2) as mapped on the Buffalo Field Office GIS database; (3) ensuring the setting of traditional cultural properties.
WY_BFO_CSU_VRMII	CSU (1) Prior to surface disturbance within Visual Resource Management (VRM) Class 2 areas, a site-specific plan must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the plan (with conditions, as appropriate). The plan must demonstrate to the BLM Authorized Officer's satisfaction how the operator will meet the following performance standards. A visual contrast rating must demonstrate that VRM Class 2 objectives will be met. Where required by the BLM Authorized Officer, a visual simulation must be prepared and must demonstrate that VRM Class 2 objectives will be met through practices such as siting of permanent facilities. Where present and feasible, existing surface disturbances shall be utilized. New surface disturbances shall be minimized to the extent practicable. All permanent above-ground facilities (such as production tanks or other production facilities) not having specific coloration requirements for safety must be painted or designed using a BLM-approved color; (2) as mapped on the Buffalo Field Office GIS database; (3) protecting VRM Class 2 areas.
WY_BFO_CSU_WHSRMA	CSU (1) Prior to surface disturbance within Special Recreation Management Areas (SRMAs) available for leasing (Weston Hills) a mitigation plan (Plan) must be submitted to the BLM by the applicant as a component of the Application for Permit to Drill (BLM Form 3160-3) or Sundry Notice (BLM Form 3160-5) – Surface Use Plan of Operations. The operator shall not initiate surface-disturbing activities unless the BLM Authorized Officer has approved the Plan (with conditions, as appropriate). The Plan must demonstrate to the Authorized Officer's satisfaction that the proposed action is consistent with the prescribed management for the SRMA; (2) as mapped or determined by BLM; (3) ensuring the recreational opportunities and setting of the SRMA.
WY_BFO_NSO_BEGE	NSO (1) Within 0.5 miles from the edge of consistently used bald or golden eagle winter roosts and Clear Creek, Crazy Woman Creek, Piney Creek, Powder River, and Tongue River, consistently used riparian corridors, as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (2) protecting wintering bald and golden eagles.
WY_BFO_NSO_BEN	NSO (1) Within 0.5 mile of bald eagle nests as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (2) ensuring productivity of bald eagles.
WY_BFO_NSO_BGHMA	NSO (1) Within Wyoming Game and Fish Department Big Game Habitat Management Areas (Ed O. Taylor, Kerns, Bud Love, and Amsden Creek) as mapped by the Wyoming Game and Fish Department; (2) ensuring the function and suitability of Wyoming Game and Fish Department Big Game Habitat Management Areas.
WY_BFO_NSO_H	NSO (1) Within the Pumpkin Buttes, Cantonment Reno, Dull Knife Battle, and Crazy Woman Battle historic properties, contributing and unevaluated segments of the Bozeman Trail, all rock art sites, all rock shelter sites, all Native American burials; as mapped on the Buffalo Field Office GIS database; (2) protecting historic properties.
WY_BFO_NSO_HIP	NSO (1) No surface occupancy or use is allowed on lands containing paleontological resources of high quality or importance as mapped on the Buffalo Field Office GIS database; (2) protecting paleontological resources of high quality or importance.
WY_BFO_NSO_PBACEC	NSO (1) Within the Pumpkin Buttes Area of Critical Environmental Concern as mapped or determined by BLM; (2) protecting the relevant and important values.
WY_BFO_NSO_Slopes50	NSO (1) On slopes greater than 50% as mapped by the US Geological Survey 1:24,000 scale topographic maps, US Geological Survey Digital Elevation Models, and/or as

	determined by a BLM evaluation of the area; (2) preventing mass slope failure and accelerated erosion.
WY_BFO_NSO_SSF	NSO (1) Within 0.25 mile of any waters containing special status fish species as mapped on the Buffalo Field Office GIS database or from field evaluation, in consultation with the Wyoming Game and Fish Department; (2) protecting special status fish populations and habitat.
WY_BFO_NSO_SSP	NSO (1) Within special status species plant populations as mapped on the Buffalo Field Office GIS database, or determined by BLM from field evaluation, in coordination with the Wyoming Natural Diversity Database and/or US Fish and Wildlife Service; (2) protecting special status species plant populations.
WY_BFO_NSO_SSRN	NSO (1) Within a species specific spatial buffer of special status species raptor nests using US Fish and Wildlife Service Wyoming Ecological Service's recommendations (Appendix Q (p. 633) or www.fws.gov/wyominges/Pages/Species/Species_SpeciesConcern/Raptors.html) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (2) protecting nest sites of special status raptors.
WY_BFO_NSO_TCP	NSO (1) On lands containing traditional cultural properties as mapped on the Buffalo Field Office GIS database; (2) protecting traditional cultural properties.
WY_BFO_TLS_BEN	TLS (1) Surface-disturbing and disruptive activities are prohibited or restricted from Feb 1 to Aug 15 within 1.0 mile of active bald eagle nests; (2) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) ensuring productivity of bald eagles.
WY_BFO_TLS_BGCWEC	TLS (1) Surface-disturbing and disruptive activities are prohibited or restricted from Nov 15 to Apr 30 within big-game crucial winter range, or from May 1 to Jun 15 within elk calving areas (Wyoming Game and Fish Department 2009); (2) as mapped by the Wyoming Game and Fish Department and evaluated by the BLM; (3) ensuring the function and suitability of crucial big game winter ranges.
WY_BFO_TLS_EC	TLS (1) Surface-disturbing and disruptive activities are prohibited or restricted from May 1 to Jun 15 within elk calving areas (Wyoming Game and Fish Department 2009); (2) as mapped by the Wyoming Game and Fish Department and evaluated by the BLM; (3) ensuring the function and suitability of elk calving areas.
WY_BFO_TLS_EWR	TLS (1) Surface-disturbing and disruptive activities are prohibited or restricted from Nov 1 to Apr 1 within 1.0 mile from the edge of consistently used eagle winter roosts and the following consistently used riparian corridors: Clear Creek, Crazy Woman Creek, Piney Creek, Powder River, and Tongue River; (2) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) protecting roosting eagles.
WY_BFO_TLS_NSSRN	TLS (1) Surface-disturbing and disruptive activities are prohibited or restricted within the US Fish and Wildlife Service Wyoming Ecological Service's recommended spatial buffers and dates of active non-special status species raptor nests. (Appendix Q (p. 633) or www.fws.gov/wyominges/Pages/Species/Species_SpeciesConcern/Raptors.html); (2) as mapped on the Buffalo Field Office GIS database or determined by BLM from field evaluation in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) ensuring raptor nest productivity.
WY_BFO_TLS_PHMAC	TLS (1) Mar 15 to Jun 30; (2) as mapped on the Buffalo Field Office GIS database; (3) no surface use to seasonally protect Greater Sage-Grouse breeding, nesting and early brood-rearing habitats (independent of habitat suitability) inside Priority Habitat Management Areas (Connectivity only), within 4 miles of an occupied lek.
WY_BFO_TLS_PHMAL	TLS (1) Mar 15 to Jun 30; (2) as mapped on the Buffalo Field Office GIS database; (3) no surface use to seasonally protect Greater Sage-Grouse breeding, nesting and early brood-rearing habitats (independent of habitat suitability) inside designated Priority Habitat Management Areas (Core only). Where credible data support different timeframes for this restriction, dates may be expanded by 14 days prior or subsequent to the above dates.
WY_BFO_TLS_PHMAWCA	TLS (1) Dec 1 to Mar 14; (2) as mapped on the Buffalo Field Office GIS database; (3) to seasonally protect Greater Sage-Grouse winter concentration areas in designated Priority Habitat Management Areas (Core and Connectivity), and outside designated

	PHMAs (Core and Connectivity) when supporting wintering Greater Sage-Grouse that attend leks within designated PHMAs (Core only).
WY_BFO_TLS_SSRN	TLS (1) Surface-disturbing and disruptive activities are prohibited or restricted within US Fish and Wildlife Service recommended spatial buffers and dates (Appendix Q (p. 633) or www.fws.gov/wyominges/Pages/Species/Species_SpeciesConcern/Raptors.html) of active raptor nests of special status species; (2) as mapped on the Buffalo Field Office GIS database or determined by field evaluation, in coordination with the Wyoming Game and Fish Department and/or US Fish and Wildlife Service; (3) ensuring productivity of nesting special status raptors.
WY_BFO_TLS_STG	TLS (1) Surface-disturbing and disruptive activities are prohibited or restricted from Apr 1 to Jul 15 (Wyoming Game and Fish Department 2009) within 2 miles of the perimeter of occupied sharp-tailed grouse leks; (2) as mapped by the Wyoming Game and Fish Department and evaluated by the BLM; (3) ensuring the function and suitability of sharp-tailed grouse nesting habitat.
WY_LFO_CSU_BRMLP2024	CSU (1) Surface occupancy or use will be restricted; (2) as mapped on the Lander Field Office GIS database; (3) protecting unique plant communities, cultural sites, viewshed, geologic resources, wild horse migration routes, and riparian-wetland resources of the Beaver Rim Master Leasing Plan analysis area.
WY_LFO_CSU_LRPS1013	CSU (1) Surface occupancy or use will be restricted; (2) as mapped on the Lander Field Office GIS database; (3) protecting limited reclamation potential soils.
WY_LFO_CSU_PYFC5058	CSU (1) Surface use or occupancy is restricted; (2) as mapped on the Lander Field Office GIS database; (3) protecting fossil resources within designated “very high” or “high” potential fossil yield classification areas.
WY_LFO_CSU_RHTEH5018	CSU (1) Surface use or occupancy will be restricted within a 2-mile buffer of Regional Historic Trails and Early Highways; (2) as mapped on the Lander Field Office GIS database; (3) protecting the Regional Historic Trails and Early Highways and their settings.
WY_LFO_CSU_S15TO24P101 4	CSU (1) Surface occupancy or use will be restricted; (2) as mapped on the Lander Field Office GIS database; (3) protecting areas containing slopes between 15 and 24 percent.
WY_LFO_CSU_SR6124	CSU (1) Surface use or occupancy is restricted within the Sweetwater Rocks viewshed; (2) as mapped on the Lander Field Office GIS database; (3) protecting the Sweetwater Rocks periphery.
WY_LFO_CSU_VRM5066	CSU (1) Surface occupancy or use is restricted; (2) as mapped on the Lander Field Office GIS database; (3) protecting VRM Class I and II areas.
WY_LFO_CSU1048	CSU (1) Surface occupancy and use will be restricted; (2) as mapped on the Lander field Office GIS database; (3) protecting 100-year floodplains and riparian-wetland areas.
WY_LFO_CSU2024	CSU (1) Surface occupancy and use will be restricted; (2) as mapped on the Lander Field Office GIS database; (3) protecting 100-year floodplains within the Beaver Rim Master Leasing Plan analysis area.
WY_LFO_CSU5025	CSU (1) Surface use or occupancy will be restricted; (2) as mapped on the Lander Field Office GIS database; (3) protecting the Cedar Ridge Traditional Cultural Property periphery.
WY_LFO_NSO_ACEC7059	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting the relevant and important Area of Critical Environmental Concern values.
WY_LFO_NSO_BRH4095	NSO (1) Within 0.25-mile of identified bat maternity roosts and hibernation sites as mapped on the Lander Field Office GIS database; (2) protecting bat maternity roosts and hibernation sites.
WY_LFO_NSO_BRMLP2024	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting unique plant communities, cultural sites, viewshed, and geologic resources in the Beaver Rim Master Leasing Plan area.
WY_LFO_NSO_CG5034	NSO (1) as mapped on the Lander Field Office GIS database; (2) protecting the Castle Gardens cultural site and periphery.
WY_LFO_NSO_HTAC4045	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting wildlife, cultural resources, viewshed, and/or recreational use(s) in the Hudson to Atlantic City area.
WY_LFO_NSO_NTMC7002	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting Congressionally Designated Trails and their settings.
WY_LFO_NSO_OPR4088	NSO (1) Within 200 feet of occupied pygmy rabbit habitat, as mapped in the Lander Field Office GIS database; (2) protecting pygmy rabbit habitat.

WY_LFO_NSO_PSW4031	NSO (1) Within 500 feet of perennial surface waters, riparian-wetland areas, and/or playas, as mapped on the Lander Field Office GIS database; (2) protecting perennial surface waters, riparian-wetland areas, and/or playas outside of Designated Development Areas.
WY_LFO_NSO_PSWDDA4031	NSO (1) Within 500 feet of perennial surface waters, riparian-wetland areas, and/or playas, as mapped on the Lander Field Office GIS database; (2) protecting perennial surface waters, riparian-wetland areas, and/or playas within Designated Development Areas.
WY_LFO_NSO_REC6086	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting developed recreation sites.
WY_LFO_NSO_SG25P1014	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting areas containing slopes greater than 25 percent.
WY_LFO_NSO_YERMO4084	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting desert yellowhead population management areas.
WY_LFO_NSO1045	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting identified sole source aquifers.
WY_LFO_NSO2024	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting 100-year floodplains within the Beaver Rim Master Leasing Plan analysis area.
WY_LFO_NSO2031	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting resources within 0.25-mile of National Register of Historic Places-eligible Native America cultural resource sites.
WY_LFO_NSO4070	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting wildlife parturition areas and viewshed south of Green Mountain.
WY_LFO_NSO5024	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting the Cedar Ridge Traditional Cultural Property.
WY_LFO_NSO5050	NSO (1) As mapped on the Lander Field Office GIS database; (2) protecting Sacred, Spiritual, and Traditional Cultural Properties.
WY_LFO_TLS_BGCW4061	TLS (1) Nov 15 to Apr 30; (2) as mapped on the Lander Field Office database; (3) protecting big game crucial winter range.
WY_LFO_TLS_BGCWP4061	TLS (1) May 1 to Jun 30; (2) as mapped on the Lander Field Office database; (3) protecting big game parturition areas.
WY_LFO_TLS_EWR4062	TLS (1) Nov 15 to Apr 30; (2) as mapped on the Lander Field Office GIS database; (3) protecting elk winter range.
WY_LFO_TLS_FFS4053	TLS (1) Sep 15 to Nov 30; (2) as mapped on the Lander Field Office GIS database; (3) protecting fall spawning habitat within the identified bankfull channel width of fish-bearing streams.
WY_LFO_TLS_FSS4053	TLS (1) Mar 15 to Jul 31; (2) as mapped on the Lander Field Office GIS database; (3) protecting spring spawning habitat within the identified bankfull channel width of fish-bearing streams.
WY_LFO_TLS_MPN4094	TLS (1) Apr 10 to Jul 10; (2) within 0.25-mile of identified mountain plover habitat, as mapped on the Lander Field Office GIS database, (3) protecting mountain plover nesting habitat.
WY_LFO_TLS_PHMAWCA	TLS (1) Dec 1 to Mar 14; (2) as mapped on the Lander Field Office GIS database; (3) seasonally protecting Greater Sage-Grouse winter concentration areas.
WY_LFO_TLS_RN4071	TLS (1) Within 1 mile of bald eagle and ferruginous hawk nests and 0.75-mile of all other active raptor nests during the following time periods, Apr 1 to Aug 31 for northern goshawk, Apr 1 to Sep 15 for burrowing owl, Feb 1 to Aug 15 for bald and/or golden eagles, and Feb 1 to Jul 31 for all other raptors; (2) as mapped on the Lander Field Office GIS database; (3) protecting active raptor nests.
WY_NFO_CSU_PHMAC	CSU (1) Surface occupancy or use will be restricted. The cumulative value of all applicable surface disturbances, existing or future, must not exceed 5 percent of the Disturbance Density Calculation Tool (DDCT) area, as described in the DDCT manual; (2) as mapped on the Newcastle Field Office GIS database; (3) to protect Greater Sage-Grouse designated Priority Habitat Management Areas (Connectivity only) from habitat fragmentation and loss. This lease does not guarantee the lessee the right to occupy the surface of the lease for the purpose of producing oil and natural gas within Greater Sage-Grouse designated PHMAs (Connectivity only). The surface occupancy restriction criteria identified in this stipulation may preclude surface occupancy and may be beyond the ability of the lessee to meet due to existing surface disturbance on Federal, State, or private lands within designated PHMAs (Connectivity only) or surface disturbance created by other land users. The

	BLM may require the lessee or operator to enter into a unit agreement or drilling easement to facilitate the equitable development of this and surrounding leases.
WY_NFO_TLS_PHMAC	TLS (1) Mar 15 to Jun 30; (2) as mapped on the Newcastle Field Office GIS database; (3) no surface use to seasonally protect Greater Sage-Grouse breeding, nesting and early brood-rearing habitats (independent of habitat suitability) inside Priority Habitat Management Areas (Connectivity only), within 4 miles of an occupied lek.
WY_SW_CSU_PHMA	CSU (1) Surface occupancy or use will be restricted to no more than an average of one disturbance location per 640 acres using the Disturbance Density Calculation Tool (DDCT), and the cumulative value of all applicable surface disturbances, existing or future, must not exceed 5 percent of the DDCT area, as described in the DDCT manual; (2) as mapped on the applicable Field Office GIS database; (3) to protect Greater Sage-Grouse designated Priority Habitat Management Areas (Core only) from habitat fragmentation and loss. This lease does not guarantee the lessee the right to occupy the surface of the lease for the purpose of producing oil and natural gas within Greater Sage-Grouse designated PHMAs (Core only). The surface occupancy restriction criteria identified in this stipulation may preclude surface occupancy and may be beyond the ability of the lessee to meet due to existing surface disturbance on Federal, State, or private lands within designated PHMAs (Core only) or surface disturbance created by other land users. The BLM may require the lessee or operator to enter into a unit agreement or drilling easement to facilitate the equitable development of this and surrounding leases.
WY_SW_NSO_GHMAL	NSO (1) As mapped on the applicable Field Office GIS database; (2) to protect occupied Greater Sage-Grouse leks and associated seasonal habitat, life-history, or behavioral needs of Greater Sage-Grouse in proximity to leks from habitat fragmentation and loss, and protect Greater Sage-Grouse populations from disturbance within a 0.25-mile radius of the perimeter of occupied Greater Sage-Grouse leks outside designated Priority Habitat Management Areas (Core and Connectivity).
WY_SW_NSO_PHMAL	NSO (1) As mapped on the applicable Field Office GIS database; (2) to protect occupied Greater Sage-Grouse leks and associated seasonal habitat, life-history, or behavioral needs of Greater Sage-Grouse in proximity to leks from habitat fragmentation and loss, and protect Greater Sage-Grouse populations from disturbance within a 0.6-mile radius of the perimeter of occupied Greater Sage-Grouse leks inside designated Priority Habitat Management Areas (Core and Connectivity).
WY_SW_TLS_GHMAL	TLS (1) Mar 15 to Jun 30; (2) as mapped on the applicable Field Office GIS database; (3) no surface use to seasonally protect Greater Sage-Grouse breeding, nesting and early brood-rearing habitats outside designated Priority Habitat Management Areas (Core and Connectivity), within 2 miles of an occupied lek.
WY_SW_TLS_PHMAL	TLS (1) Mar 15 to Jun 30; (2) as mapped on the applicable Field Office GIS database; (3) no surface use to seasonally protect Greater Sage-Grouse breeding, nesting and early brood-rearing habitats (independent of habitat suitability) inside designated Priority Habitat Management Areas (Core only).
WY_SW_TLS_PHMAWCA	TLS (1) Dec 1 to Mar 14; (2) as mapped on the applicable Field Office GIS database; (3) no surface use to seasonally protect Greater Sage-Grouse winter concentration areas in designated Priority Habitat Management Areas (Core only), and outside designated PHMAs (Core only) when supporting wintering Greater Sage-Grouse that attend leks within designated PHMAs (Core only).

Lease Notices and Stipulations

Lease Notice No. 1 – Reasonable Measures to Minimize Adverse Impacts to Resources (applies to all parcels)

Under Regulation 43 CFR 3101.1-2 and terms of the lease (BLM Form 3100-11), the authorized officer may require reasonable measures to minimize adverse impacts to other resource values, land uses, and users not addressed in lease stipulations at the time operations are proposed. Such reasonable measures may include, but are not limited to, modification of siting or design of facilities, timing of operations, and specification of interim and final reclamation measures, which may require relocating proposed operations up to 200 meters, but not off the leasehold, and prohibiting surface disturbance activities for up to 60 days.

The lands within this lease may include areas not specifically addressed by lease stipulations that may contain special values, may be needed for special purposes, or may require special attention to prevent damage to surface and/or other resources. Possible special areas are identified below. Any surface use or occupancy within such special areas will be strictly controlled or, if absolutely necessary, prohibited. Appropriate modifications to imposed restrictions will be made for the maintenance and operation of producing wells.

1. Slopes in excess of 25 percent.
2. Within 500 feet of surface water and/or riparian areas.
3. Construction with frozen material or during periods when the soil material is saturated or when watershed damage is likely to occur.
4. Within 500 feet of Interstate highways and 200 feet of other existing rights-of-way (i.e., U.S. and State highways, roads, railroads, pipelines, powerlines).
5. Within 1/4 mile of occupied dwellings.
6. Material sites.

GUIDANCE: The intent of this notice is to inform interested parties (potential lessees, permittees, operators) that when one or more of the above conditions exist, surface disturbing activities will be prohibited unless or until the permittee or the designated representative and the surface management agency (SMA) arrive at an acceptable plan for mitigation of anticipated impacts. This negotiation will occur prior to development and become a condition for approval when authorizing the action. Specific threshold criteria (e.g., 500 feet from water) have been established based upon the best information available. However, geographical areas and time periods of concern must be delineated at the field level (i.e., "surface water and/or riparian areas" may include both intermittent and ephemeral water sources or may be limited to perennial surface water). The referenced oil and gas leases on these lands are hereby made subject to the stipulation that the exploration or drilling activities will not interfere materially with the use of the area as a materials site/free use permit. At the time operations on the above lands are commenced, notification will be made to the appropriate agency. The name of the appropriate agency may be obtained from the proper BLM Field Office.

Lease Notice No. 2 – National Historic Trails (applies to all parcels)

BACKGROUND: The Bureau of Land Management (BLM), by including National Historic Trails within its National Landscape Conservation System, has recognized these trails as national treasures. Our responsibility is to review our strategy for management, protection, and preservation of these trails. The National Historic Trails in Wyoming, which include the Oregon, California, Mormon Pioneer, and Pony Express Trails, as well as the Nez Perce Trail, were designated by Congress through the National Trails System Act (P.L. 90-543; 16 U.S.C. 1241-1251) as amended through P.L. 106-509 dated November 13, 2000. Protection of the National Historic Trails is normally considered under the National Historic Preservation Act (P.L. 89-665; 16 U.S.C. 470 et seq.) as amended through 1992 and the National Trails System Act. Additionally, Executive Order 13195, "Trails for America in the 21st Century," signed January 18, 2001, states in Section 1: "Federal agencies will...protect, connect, promote, and assist trails of all types throughout the United States. This will be accomplished by: (b) Protecting the trail corridors associated with national scenic trails and the high priority potential sites and segments of national historic trails to the degrees necessary to ensure that the values for which each trail was established remain intact." Therefore, the BLM will be considering all impacts and intrusions to the National Historic Trails, their associated historic landscapes, and all associated features, such as trail traces, grave sites, historic encampments, inscriptions, natural features frequently commented on by emigrants in journals, letters and diaries, or any other feature contributing to the historic significance of the trails. Additional National Historic Trails will likely be designated amending the National Trails System Act. When these amendments occur, this notice will apply to those newly designated National Historic Trails as well.

STRATEGY: The BLM will proceed in this objective by conducting a viewshed analysis on either side of the designated centerline of the National Historic Trails in Wyoming, except, at this time, for the Nez Perce Trail, for the purpose of identifying and evaluating potential impacts to the trails, their associated historic landscapes, and their associated historic features. Subject to the viewshed analysis and archaeological inventory, reasonable mitigation measures may be applied. These may include, but are not limited to, modification of siting or design of facilities to camouflage or otherwise hide the proposed operations within the viewshed. Additionally, specification of interim and final reclamation measures may require relocating the proposed operations within the leasehold. Surface disturbing activities will be analyzed in accordance with the National Environmental Policy Act of 1969

(P.L. 91- 190; 42 U.S.C. 4321-4347) as amended through P.L. 94-52, July 3, 1975 and P.L. 94-83, August 9, 1975, and the National Historic Preservation Act, *supra*, to determine if any design, siting, timing, or reclamation requirements are necessary. This strategy is necessary until the BLM determines that, based on the results of the completed viewshed analysis and archaeological inventory, the existing land use plans (Resource Management Plans) have to be amended. The use of this lease notice is a predecisional action, necessary until final decisions regarding surface disturbing restrictions are made. Final decisions regarding surface disturbing restrictions will take place with full public disclosure and public involvement over the next several years if BLM determines that it is necessary to amend existing land use plans.

GUIDANCE: The intent of this notice is to inform interested parties (potential lessees, permittees, operators) that when any oil and gas lease contains remnants of National Historic Trails, or is located within the viewshed of a National Historic Trails' designated centerline, surface disturbing activities will require the lessee, permittee, operator or, their designated representative, and the surface management agency (SMA) to arrive at an acceptable plan for mitigation of anticipated impacts. This negotiation will occur prior to development and become a condition for approval when authorizing the action.

Lease Notice No. 3 – Greater Sage-Grouse Habitat (applies to all parcels)

Greater Sage-Grouse Habitat: The lease may in part, or in total, contain important Greater sage-grouse habitats as identified by the BLM, either currently or prospectively. The operator may be required to implement specific measures to reduce impacts of oil and gas operations on the Greater sage-grouse populations and habitat quality. Such measures shall be developed during the Application for Permit to Drill (APD) on-site and environmental review process and will be consistent with the lease rights granted.

Lease Notice 1041 – Water Monitoring Plans

Lease Notice. Require water monitoring plans for new activities resulting in surface discharges of water to track changes in receiving channels and to minimize adverse impacts to watershed health. If adverse impacts to receiving channels or watershed health occur, require development and implementation of water management plans which include reclamation strategies and mitigation to address impacts. Avoid BLM-authorized activities and infrastructure such as unlined impoundment ponds/pits, reserve pits, and evaporation ponds that could result in the contamination of sensitive water resources, including Source Water Protection Areas identified in Wellhead or Source Water Protection Plans approved local governing bodies and “High” and “Moderately High” sensitivity aquifer systems identified through the use of the Wyoming Groundwater Vulnerability Assessment Handbook or similar document as updated over time to the maximum extent possible. Where such activities or infrastructure cannot be avoided, apply mitigation to reduce potential impacts on a case-by-case basis.

Special Lease Notice – Big Game Migration

Special Lease Notice: This parcel is located wholly or partially within a big game migration corridor designated by the State of Wyoming. The lessee or their designated operator will be required to work with the BLM and the State of Wyoming to take reasonable measures (see 43 CFR 3101.1-2) to maintain big game migration corridor functionality pursuant to State of Wyoming Executive Order 2020-1. The BLM will encourage the use of Master Development Plans for operations proposed on this lease parcel in accordance with Onshore Oil and Gas Order No. 1.

Special Lease Notice – Unplugged Well Bore

Unplugged wellbore(s) and/or other facilities are located on this parcel. For more information, please contact a Petroleum Engineer at the [insert office name] Field Office at (307) [insert phone number].

Lease Stipulation No. 1 – Historic Properties (applies to all parcels)

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

Lease Stipulation No. 2 – Endangered Species Act Section 7 Consultation Stipulation (applies to all parcels)

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. 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.

Lease Stipulation No. 3 – Multiple Mineral Development (applies to all parcels)

Operations will not be approved which, in the opinion of the authorized officer, would unreasonably interfere with the orderly development and/or production from a valid existing mineral lease issued prior to this one for the same lands.

4.2 Air Resources Appendix: Air Quality Related Values: Visibility, Hazardous Air Pollutants and Deposition

4.2.1 Visibility –Wyoming

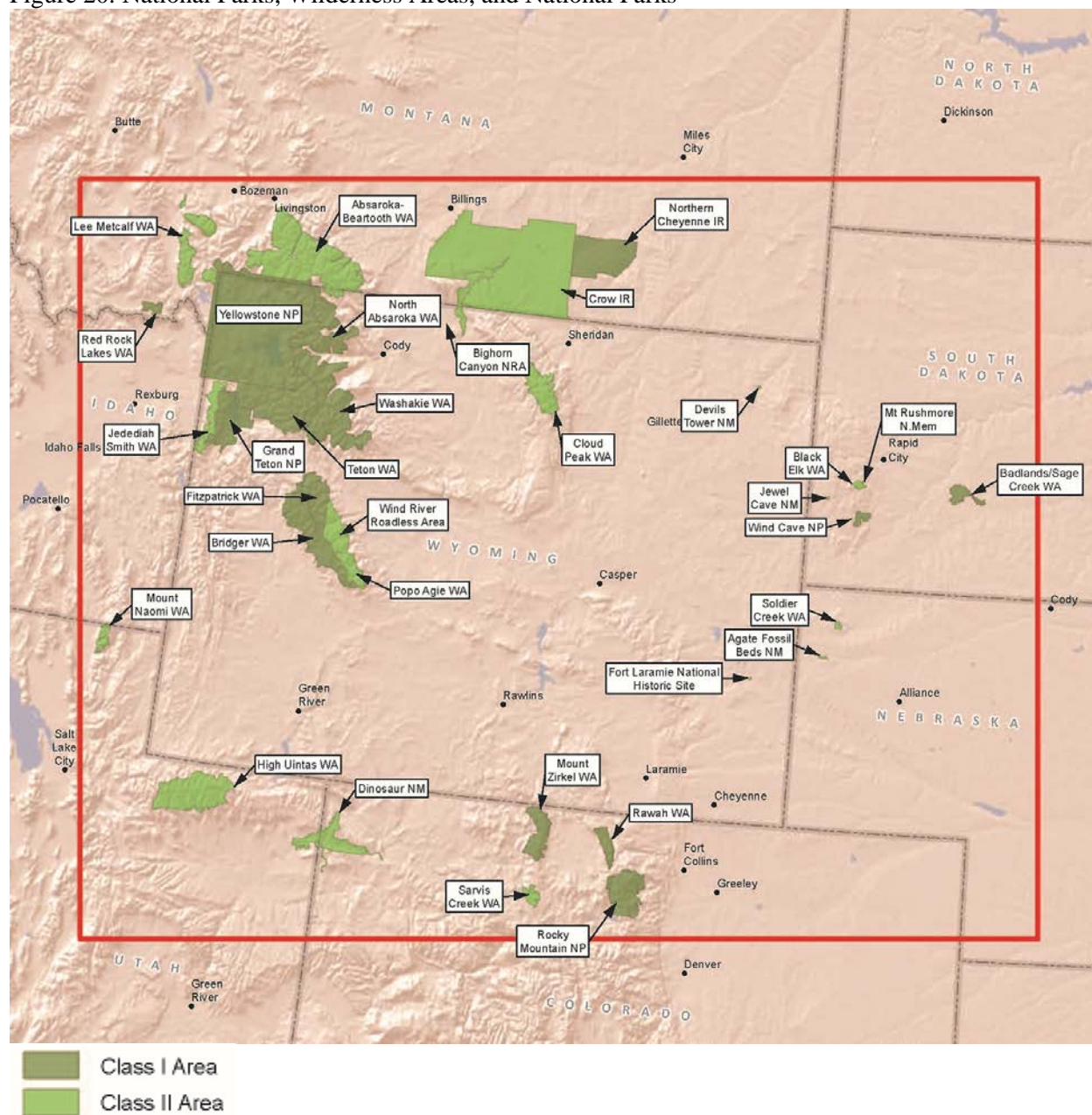
Regional haze is visibility impairment caused by the cumulative air pollutant emissions from numerous sources over a wide geographic area. Visibility impairment is caused by particles and gases in the atmosphere that scatter, distort, or absorb light. The primary cause of regional haze in many parts of the country is light scattering resulting from fine particles (i.e., PM_{2.5}) in the atmosphere. Additionally, coarse particles between 2.5 and 10 microns in diameter can contribute to light extinction. Coarse particles and PM_{2.5} can be naturally occurring or the result of human activity. The natural levels of these species result in some level of visibility impairment, in the absence of any human influences and will vary with season, daily meteorology, and geography (Malm 1999).

There are several National Parks, National Forests, recreation areas, and wilderness areas within and surrounding the state of Wyoming. National Parks, National Monuments, and some state designated Wilderness Areas are designated as Class I (see figure, below). The Clean Air Act “declares as a national goal the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory Class I Federal areas... from manmade air pollution.” 42 U.S.C. 7491(a)(1). Under BLM Manual Section 8560.36, BLM-administered lands, including wilderness areas not designated as Class I, are managed as Class II, which provides that moderate deterioration of air quality associated with industrial and population growth may occur.

The Interagency Monitoring of Protected Visual Environments (IMPROVE) program was initiated in 1985. This program implemented an extensive long term monitoring program to establish the current visibility conditions, track changes in visibility and determine causal mechanism for the visibility impairment in the National Parks and Wilderness Areas. Observations over time have shown that visibility is not as good as it could be compared to natural background conditions (i.e., visibility is impaired relative to natural background conditions). In 1999, the EPA issued a Regional Haze Rule to protect visibility in over 150 national parks and wilderness areas. The Regional Haze Rule requires states to establish Reasonable Progress Goals for improving visibility, with the overall goal of attaining natural background visibility conditions by 2064.

The Clean Air Act includes “as a National Goal the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory Class I federal areas in which impairment results from manmade air pollution.” The CAA gives federal managers the affirmative responsibility, but no regulatory authority, to protect air quality-related values, including visibility, from degradation. A wide variety of pollutants can impact visibility, including PM, NO₂, NO₃, and SO₄. Fine particles suspended in the atmosphere decrease visibility by blocking, reflecting, or absorbing light. Regional haze occurs when pollutants from widespread emission sources become mixed in the atmosphere and travel long distances.

Figure 20: National Parks, Wilderness Areas, and National Parks



Visibility is expressed as deciviews (dv), which is a measure for describing perceived changes in visibility. Deciview values are calculated from either measured or estimated light extinction values in units of inverse megameters (Mm^{-1}). A dv value of zero indicates a pristine atmosphere.

The figures below display annual average visibility in deciviews for the 20 percent best days, 20 percent worst days, and all days for each year during the late 20th and early 21st Century for the following IMPROVE sites: Bridger Wilderness, Boulder Lake, North Absaroka, Thunder Basin, Wind Cave, and Cloud Peak. Note: the 2017 IMPROVE data was not available, and the monitoring at Cloud Peak stopped in 2014. Generally, the IMPROVE data show a slow increase in visibility on the “Clearest Days” and a near-neutral trend in visibility for the “Haziest Days.”

Figure 21: Annual Average Visibility (deciviews) for the Bridger Wilderness IMPROVE Site (1989-2016).

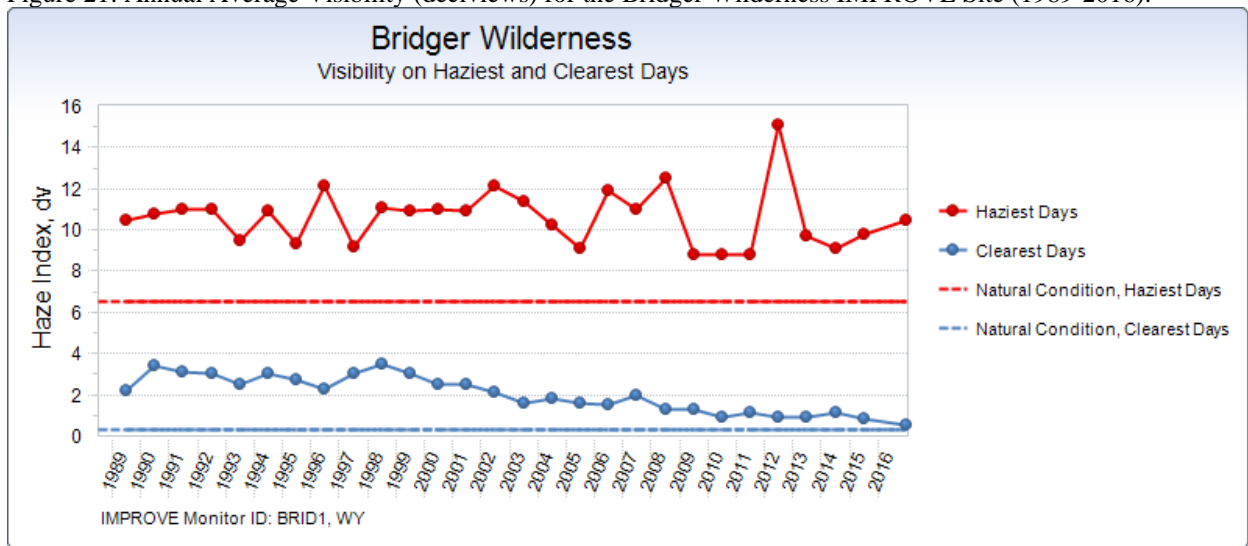


Figure 22: Annual Average Visibility (deciviews) for the Boulder Lake IMPROVE Site (2010-2016).

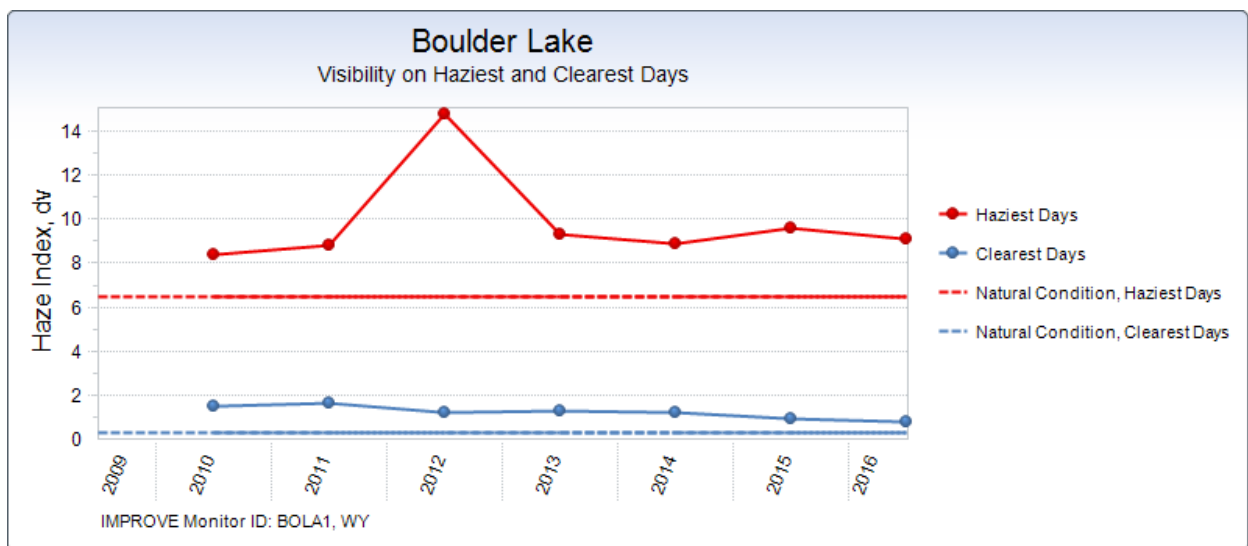


Figure 23: Annual Average Visibility (deciviews) for the North Absaroka IMPROVE Site (2002-2016).

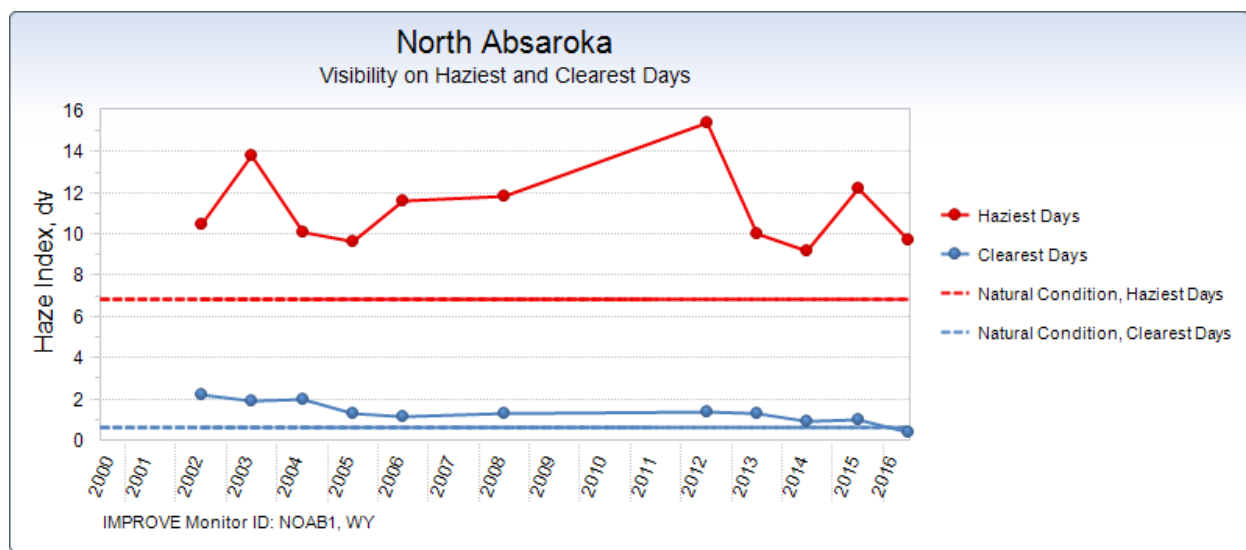


Figure 24: Annual Average Visibility (deciviews) for the Thunder Basin IMPROVE Site (2004, 2005, 2012-2016).

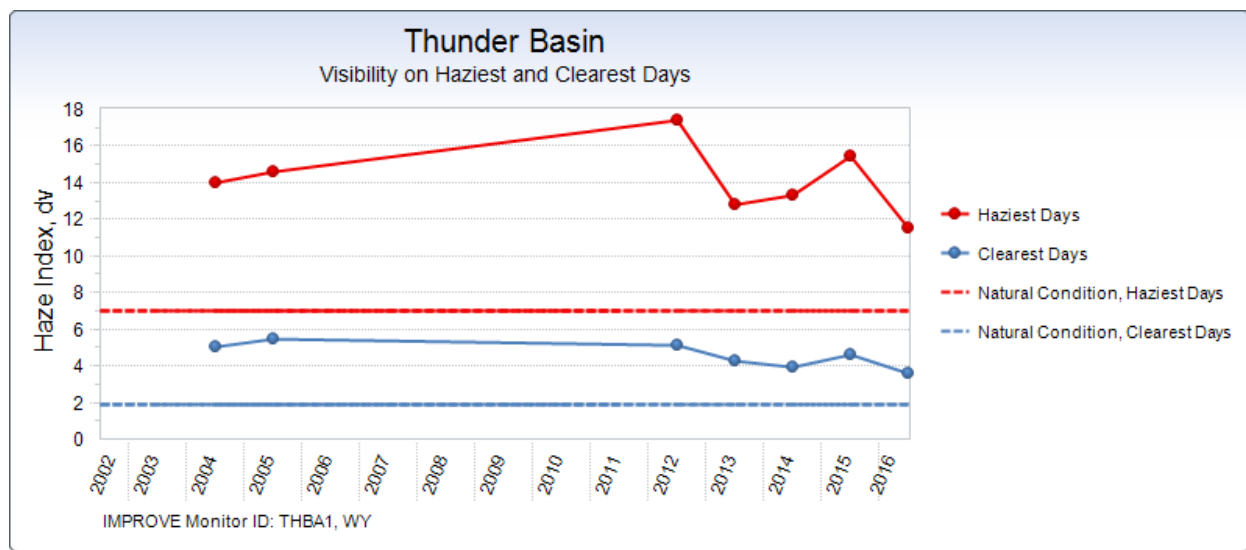


Figure 25: Annual Average Visibility (deciviews) for the Wind Cave, SD IMPROVE Site (1999-2016).

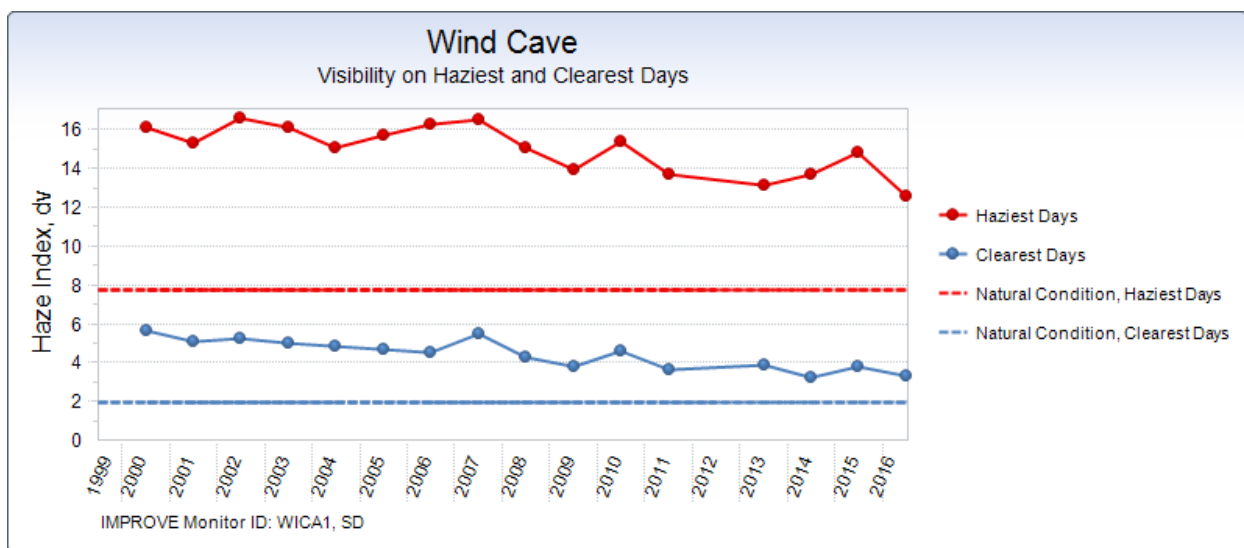
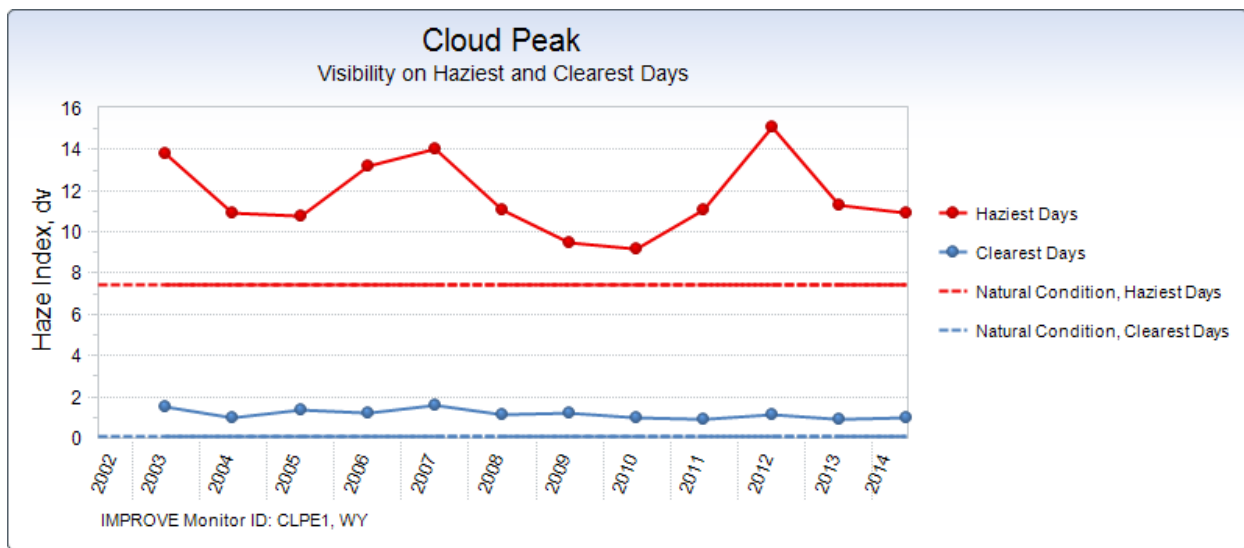


Figure 26: Annual Average Visibility (deciviews) for the Cloud Peak IMPROVE Site (2003-2014).



Source: Federal Land Manager Environmental Database 2018

(<http://views.cira.colostate.edu/fed/AqrvMenu.aspx>), accessed on 5/8/2018.

IMPROVE background reference: <http://vista.cira.colostate.edu/Improve/improve-program/>

4.2.2 Hazardous Air Pollutants (HAPs)-High Desert District

Many VOCs are HAPs, and are associated with human-made sources. The 2008 and 2011 National Emission Inventories and later WDEQ emissions inventories, indicate that VOC emissions within the region are primarily from area sources associated with oil and gas development activities. Therefore, HAP concentrations are expected to be greatest near oil and gas development sources and are a potential air quality concern for the region.

HAPs are not routinely monitored within the State of WY except where VOC production is a concern due to non-attainment. Because of the ongoing air quality concerns in the HDD, WDEQ conducted HAP monitoring for several sites in the HDD from February 2009 until March 2010. Table 30 summarizes observed HAP concentrations for the

Boulder, Daniel South, and Pinedale monitoring sites. Measurements were taken every six days and the values represent averages for the entire monitoring period.

Table 30: Example HAP Concentrations (micrograms per cubic meter) for Sublette County, Wyoming

Site Name	Annual Average HAP Concentration ($\mu\text{g}/\text{m}^3$)					
	<i>Benzene</i>	<i>Ethyl-benzene</i>	<i>Formaldehyde</i>	<i>Hexane</i>	<i>Toluene</i>	<i>Xylene</i>
Boulder	2.12	0.77	0.99	1.29	6.42	4.46
Daniel South	1.25	0.52	1.37	0.81	4.30	2.76
Pinedale	2.13	1.00	1.59	1.47	6.50	6.38

Source: ARS 2010

$\mu\text{g}/\text{m}^3$ micrograms per cubic meter

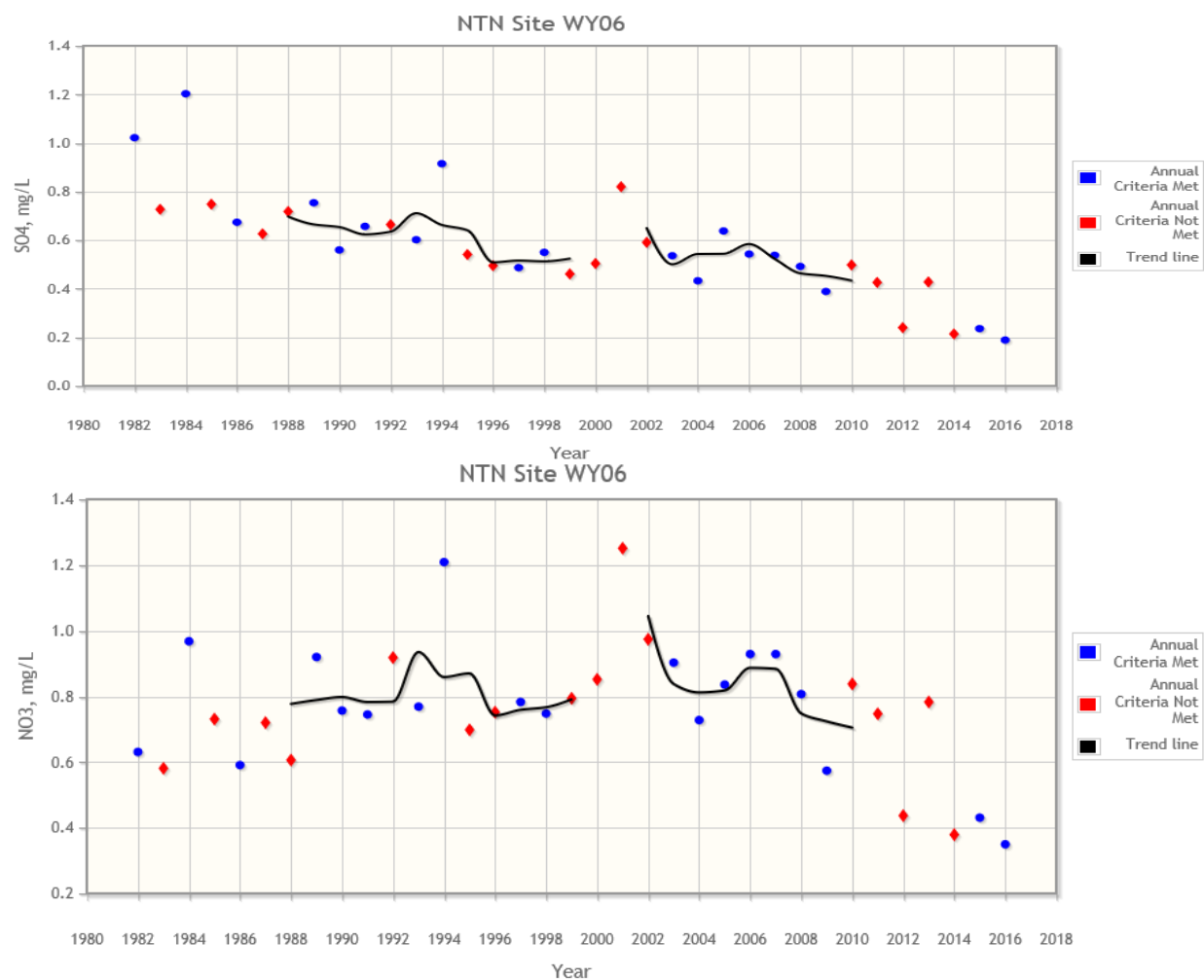
4.2.3 Deposition and Lake Chemistry – Wyoming

Sulfur and nitrogen compounds that can be deposited on terrestrial and aquatic ecosystems include nitric acid (HNO_3), nitrate (NO_3^-), ammonium (NH_4^+), and sulfate (SO_4^{--}). Nitric acid (HNO_3) and nitrate (NO_3^-) are not emitted directly into the air, but form in the atmosphere from industrial and automotive emissions of nitrogen oxides (NO_x); and sulfate (SO_4^{--}) is formed in the atmosphere from industrial emission of sulfur dioxide (SO_2). Deposition of HNO_3 , NO_3^- and SO_4^{--} can adversely affect plant growth, soil chemistry, lichens, aquatic environments, and petroglyphs (ancient carvings and/or engravings on rock surfaces). Ammonium (NH_4^+) is volatilized from animal feedlots and from soils following fertilization of crops.

Wet atmospheric deposition is measured at National Atmospheric Deposition Program (NADP) sites: Pinedale, Sink's Canyon, South Pass, Newcastle, and Wind Cave. Dry deposition is measured at three Clean Air Status and Trends Network (CASTNET) sites in Pinedale (Sublette County), Newcastle (Weston County), and Basin (Big Horn County). Wet deposition is characterized by the concentration of nitrate ion (NO_3^-), sulfate ion (SO_4^-), and ammonium (NH_4^+) ions in precipitation samples. The figures below display annual average concentration data for nitrate, sulfate, and ammonium ions from precipitation samples for each year during the period from the late 20th to early 21st Century Wyoming and South Dakota NADP sites. For each year, the data represent the average concentration based on all sampling periods. Units are milligrams per liter (mg/L). The data indicate a decrease in sulfate and nitrate ions for all NADP sites in precipitation samples. However, concentrations for the ammonium ion are either steady or slowly increasing at sites.

The figures below display annual average concentration data for Sulfur Dioxide, Particulate Sulfate, Particulate Nitric Acid, Total Nitrate, and Particulate Ammonium for the three Wyoming CASTNET sites. The concentration measurements are used to estimate dry deposition. For each year, the data represent the average concentration based on all sampling periods. Units are $\mu\text{g}/\text{m}^3$. The concentration data indicate a decrease for all pollutant species at Pinedale and Newcastle. However, the Basin concentrations increase from 2016 to 2017.

Figure 27: Annual Average Concentration in Wet Deposition (milligrams per liter) for NADP Monitoring Site at Pinedale



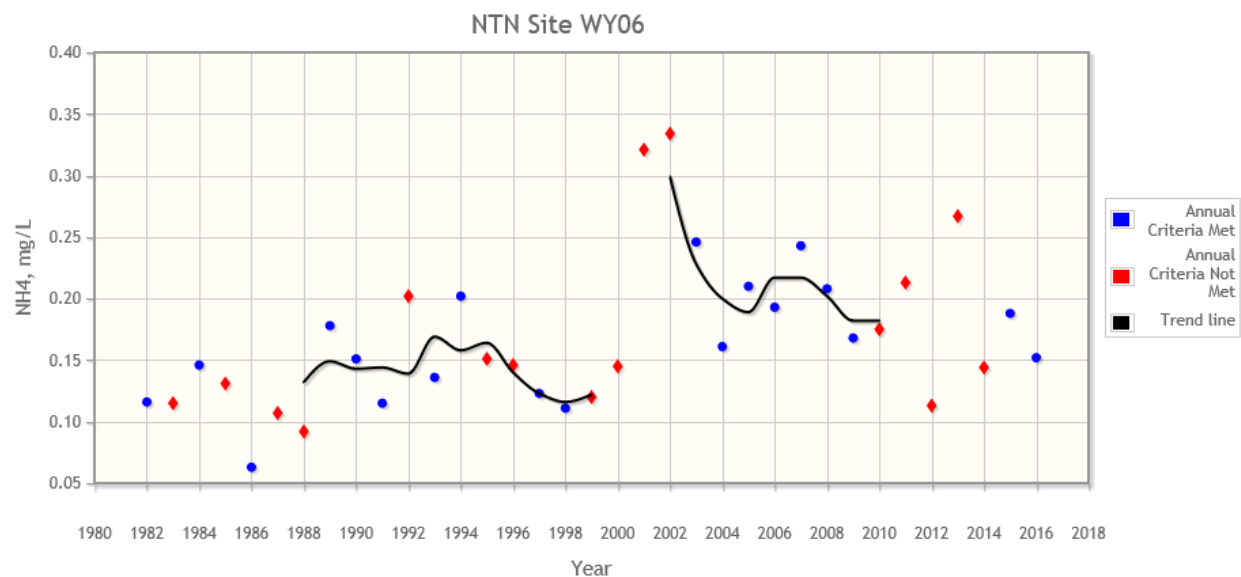
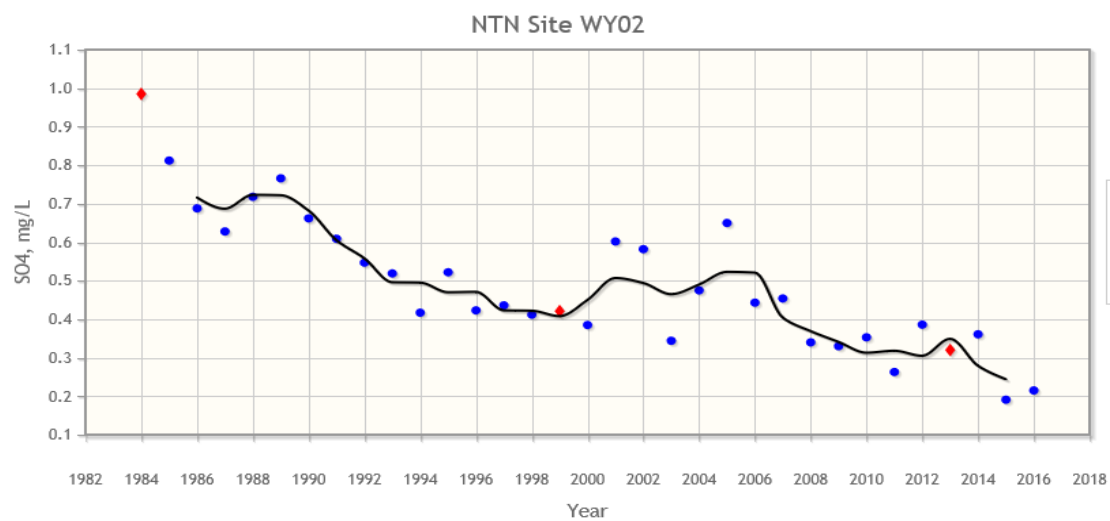


Figure 28: Annual Average Concentration in Wet Deposition (milligrams per liter) for NADP Monitoring Site at Sink's Canyon.



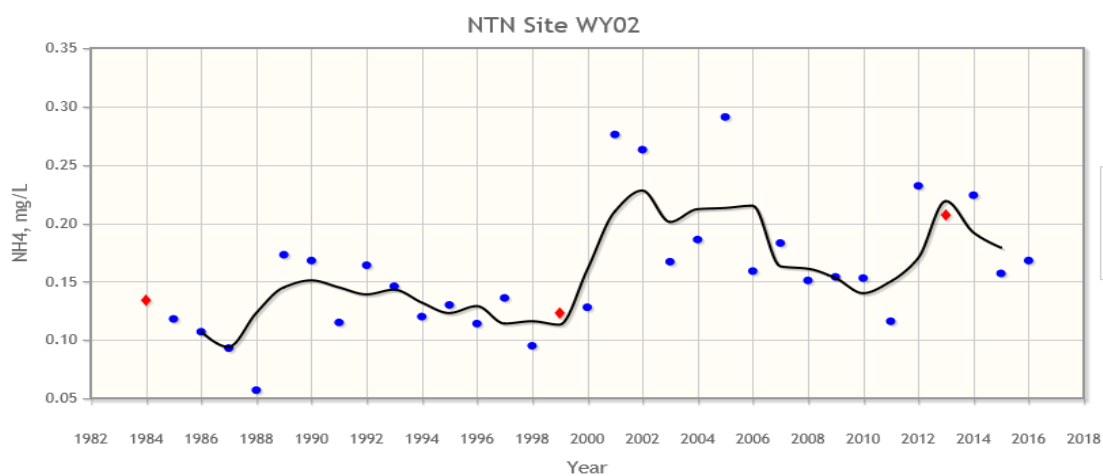
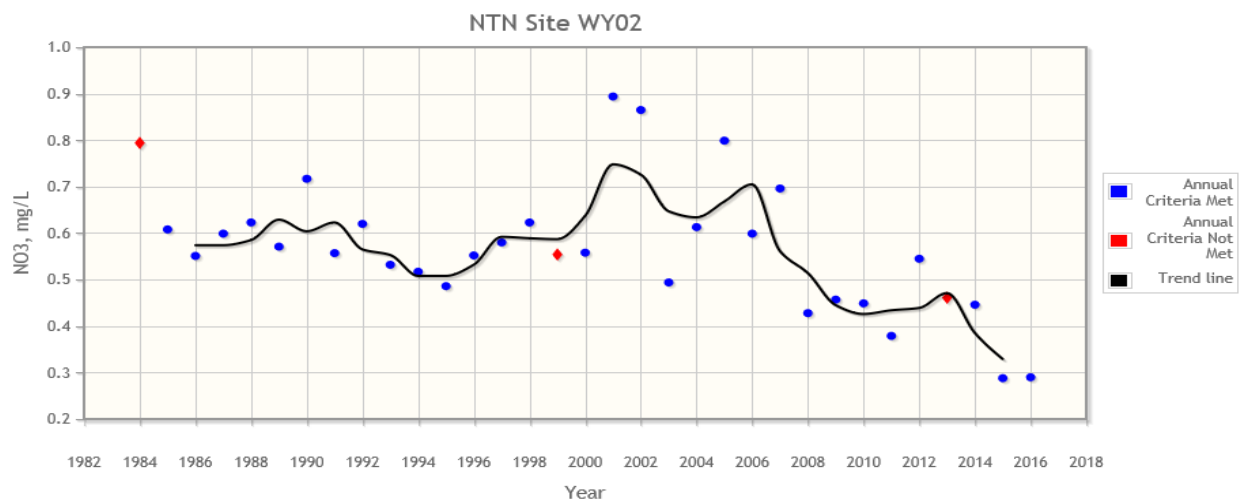
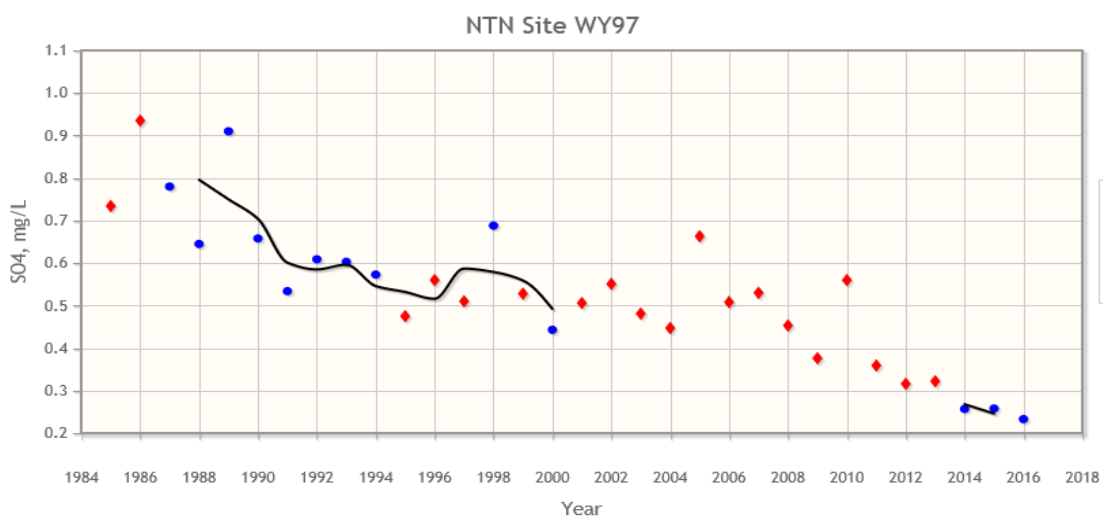


Figure 29: Annual Average Concentration in Wet Deposition (milligrams per liter) for NADP Monitoring Site at South Pass.



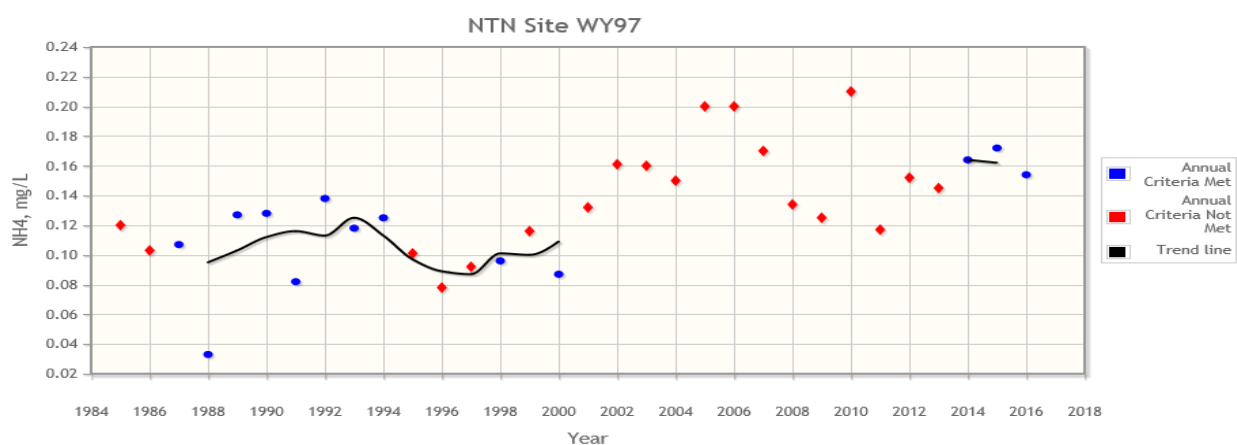
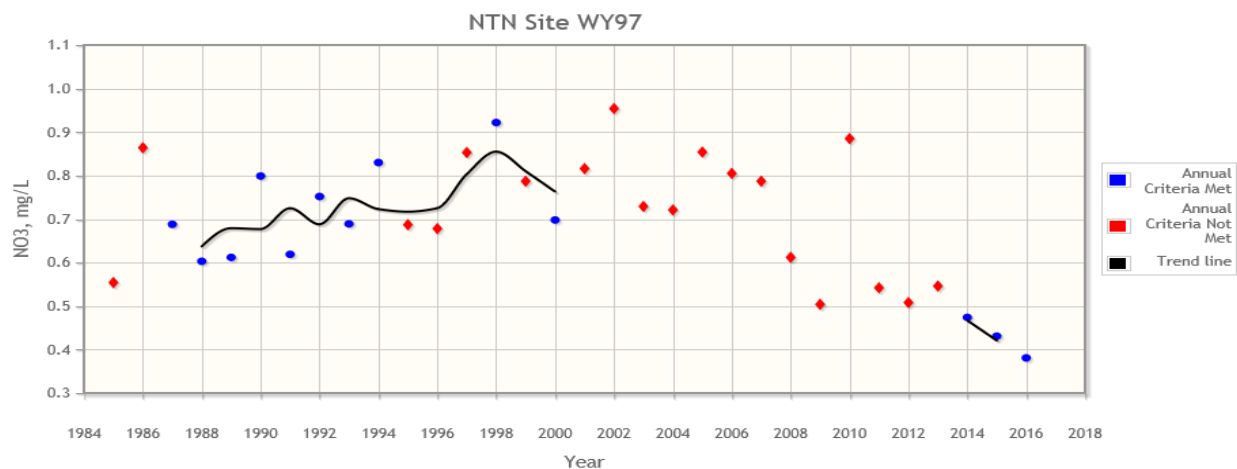
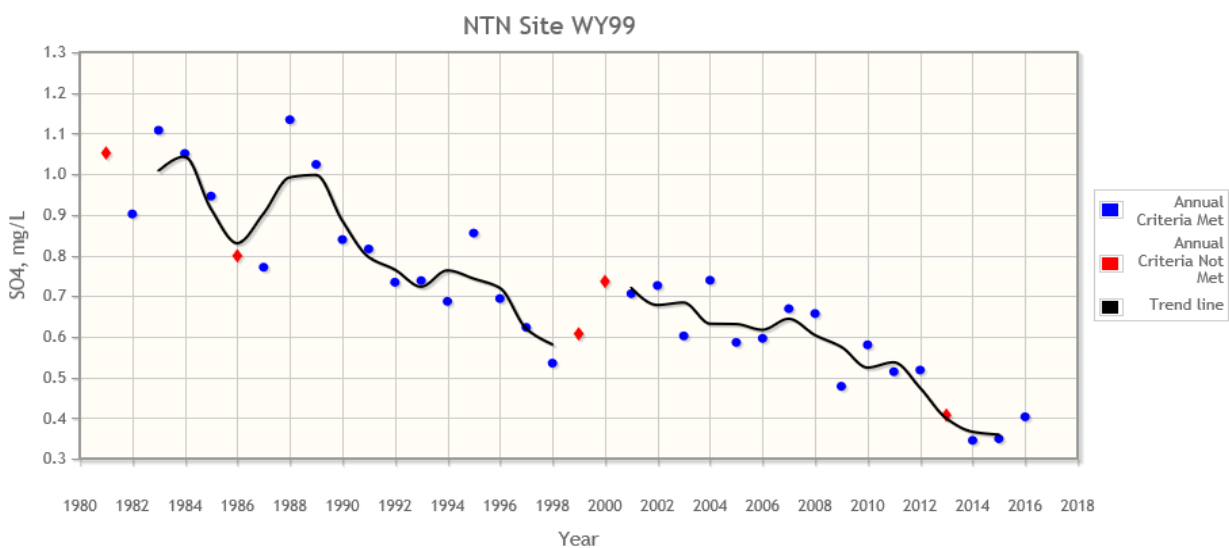


Figure 30: Annual Average Concentration in Wet Deposition (milligrams per liter) for NADP Monitoring Site at Newcastle.



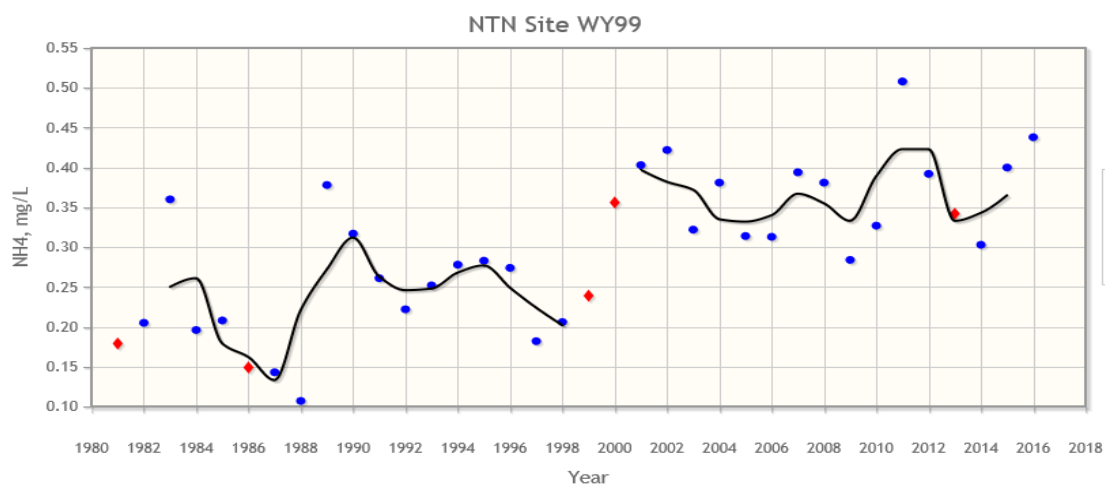
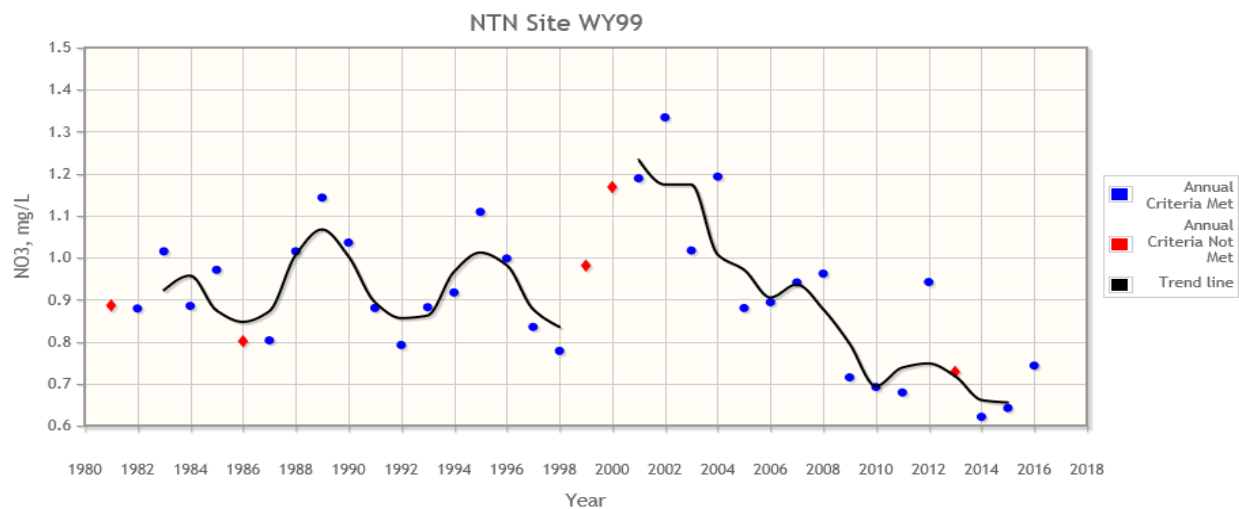
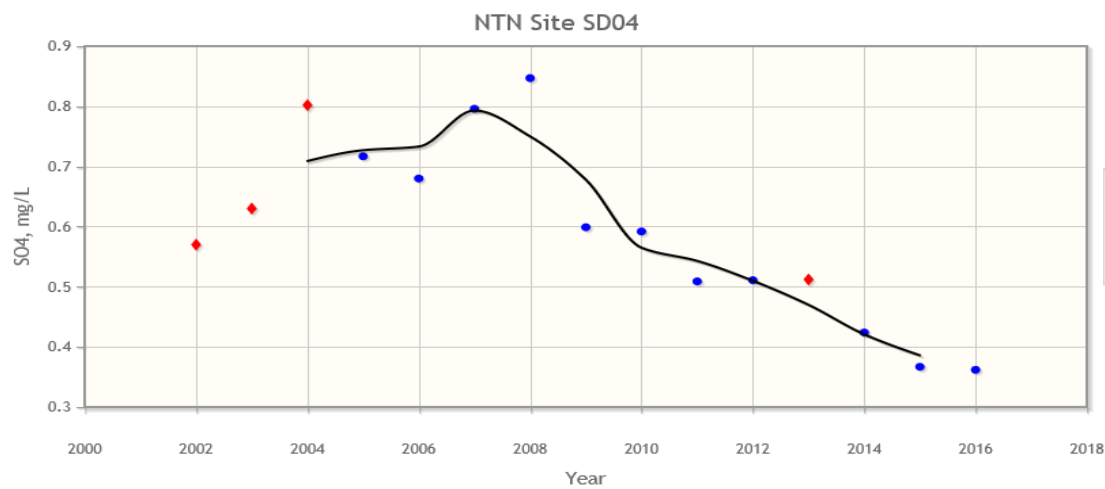
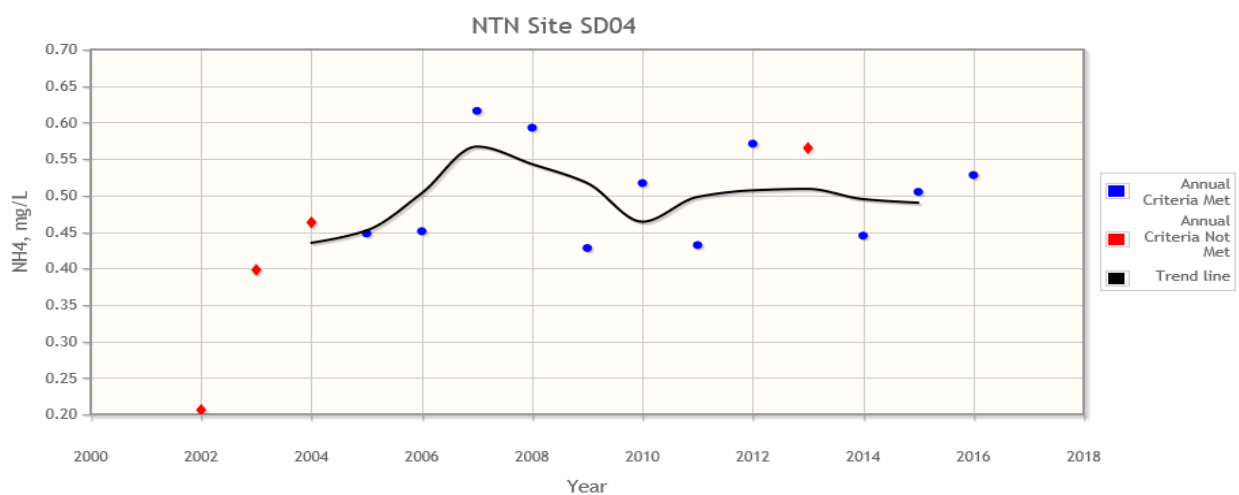
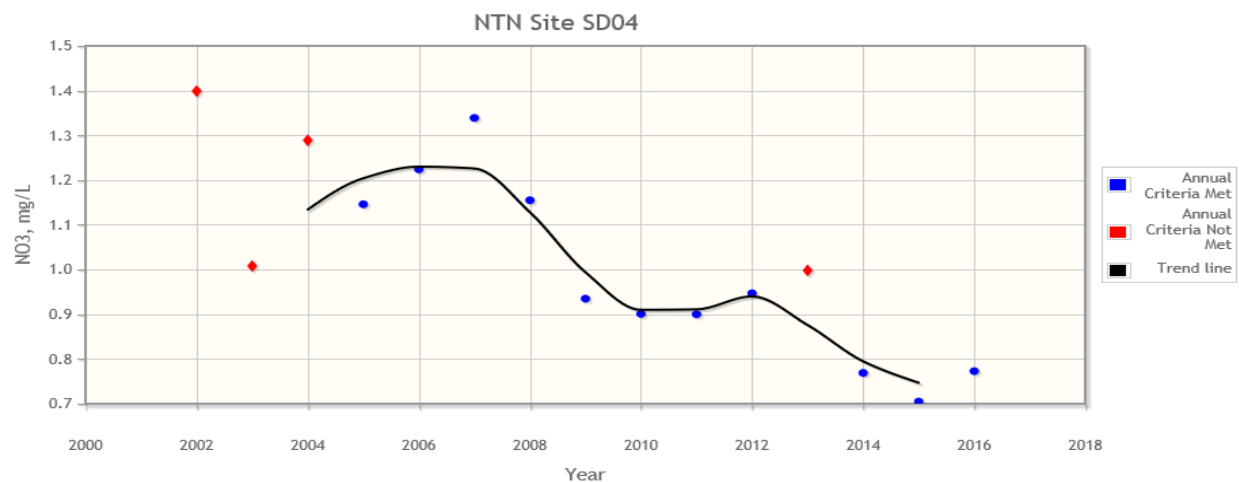


Figure 31: Annual Average Concentration in Wet Deposition (milligrams per liter) for NADP Monitoring Site at Wind Cave, SD.





Source: <http://nadp.slh.wisc.edu/>

Figure 32: Annual Average Concentration in Dry Deposition (micrograms per cubic meter) for the CASTNET Monitoring Site at Pinedale.

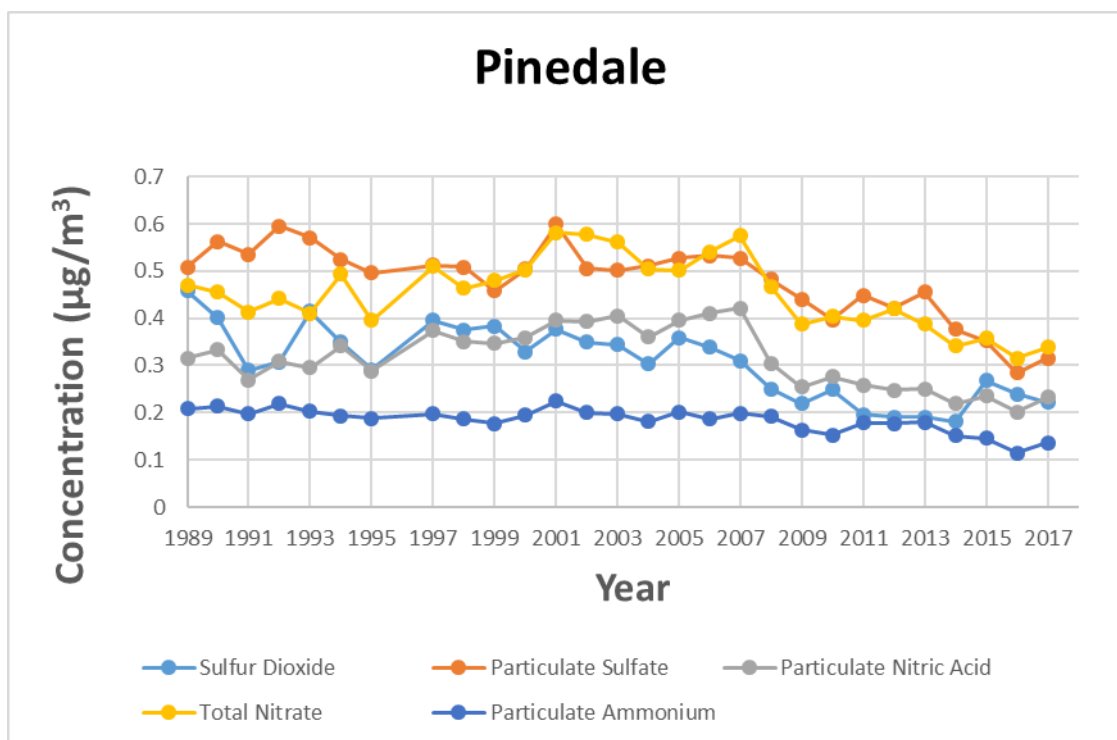


Figure 33: Annual Average Concentration in Dry Deposition (micrograms per cubic meter) for the CASTNET Monitoring Site at Newcastle.

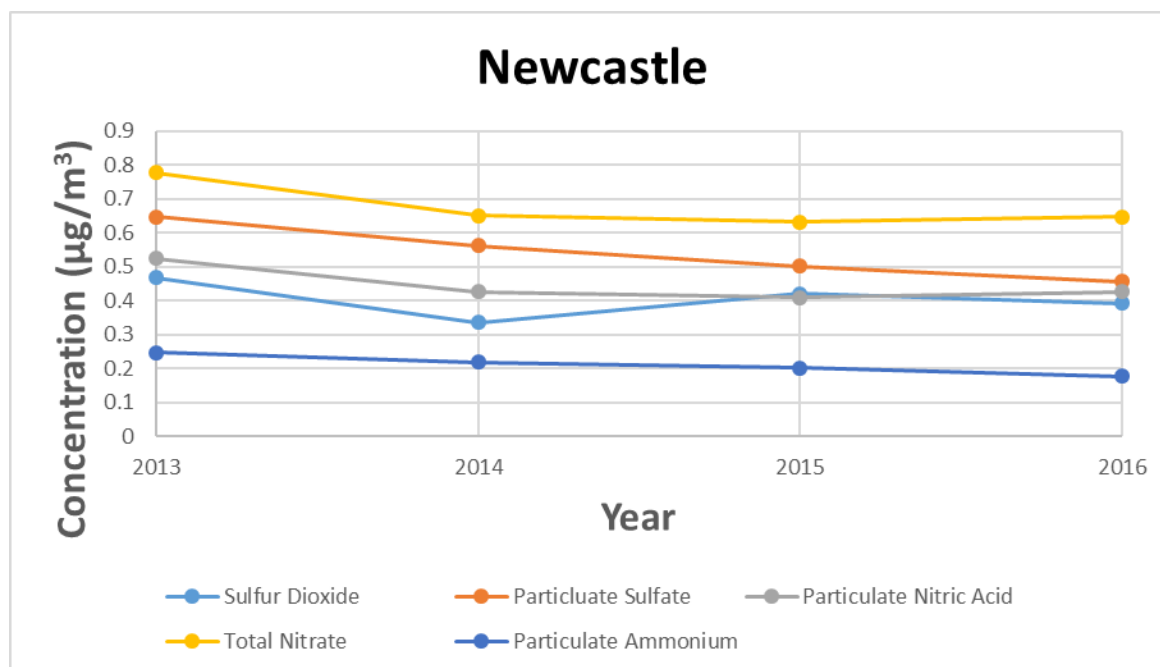
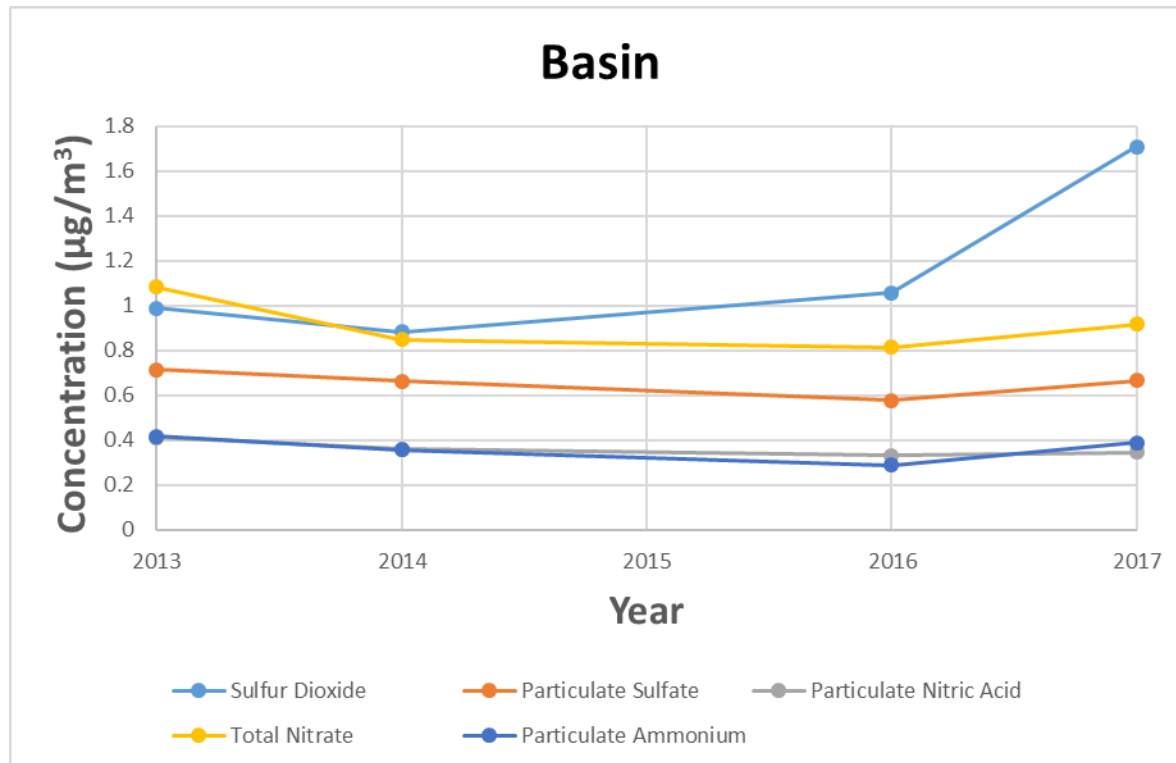


Figure 34: Annual Average Concentration in Dry Deposition (micrograms per cubic meter) for the CASTNET Monitoring Site at Basin.



Source: <http://nadp.slh.wisc.edu/>

Seven lakes have been identified as being acid sensitive. Applicable thresholds for the assessment of changes in acid neutralizing capacity (ANC) of sensitive lakes include: 10 percent change in ANC for lakes with background ANC values greater than 25 micro equivalents per liter [$\mu\text{eq}/\text{L}$], and less than a 1 $\mu\text{eq}/\text{L}$ change in ANC for lakes with background ANC values equal to or less than 25 $\mu\text{eq}/\text{L}$.

Available ANC values for each of the nearest sensitive lakes are provided in the table, below, along with the number of samples used in the calculation of the 10th percentile lowest ANC values. Of the seven lakes listed in the table, below, only Upper Frozen Lake is considered to be extremely sensitive to atmospheric deposition by the USFS since the background ANC is less than 25 $\mu\text{eq}/\text{L}$.

Table 30: Background ANC Values for Acid Sensitive Lakes

Wilderness Area	Lake	Latitude (Deg, Min, Sec)	Longitude (Deg, Min, Sec)	10 th Percentile Lowest ANC Value (µeq/l)	Number of Samples
Bridger	Deep	42°43'10"	109°10'15"	57.7	68
Bridger	Black Joe	42°44'22"	109°10'16"	62.6	78
Bridger	Lazy Boy	43°19'57"	109°43'47"	9.1	5
Bridger	Upper Frozen	42°41'13"	109°09'39"	7.5	12
Bridger	Hobbs	43°02'08"	109°40'20"	69.9	80
Fitzpatrick	Ross	43°23'35"	109°39'29"	53.0	61
Popo Agie	Lower Saddlebag	42°37'24"	108°59'42"	54.6	64
Cloud Peak	Florence Lake	44°20'53"	107°10'50"	70	40
Cloud Peak	Emerald Lake	44°27'26"	107°18'11"	34.4	42

Sources: Source: USFS 2011 and Views (2014b)

ANC Acid Neutralizing Capacity

Deg Degree

Min Minute

Sec Second

µeq/l Microequivalent per liter

4.3 Hydraulic Fracturing White Paper (July 5, 2013)

BACKGROUND

Hydraulic fracturing (HF) is a well stimulation process used to maximize the extraction of underground resources – oil, natural gas and geothermal energy. The HF process includes the acquisition of water/mixing of chemicals, production zone fracturing, and HF flowback disposal.

In the United States, HF has been used since the 1940's. Early on, the HF process utilized pressures that are of a much smaller magnitude than those used today.

The HF process involves the injection of a fracturing fluid and propping agent into the hydrocarbon bearing formation under sufficient pressure to further open existing fractures and/or create new fractures. This allows the hydrocarbons to more readily flow into the wellbore. HF has gained interest recently as hydrocarbons previously trapped in low permeability tight sand and shale formations are now technically and economically recoverable. As a result, oil and gas production has increased significantly in the United States. The state of Wyoming classifies all gas production zones as Class 5 groundwater zones; this means these zones can be highly impacted by oil and gas activities and are exempt from regulation under the Clean Water Act. However, operations within these zones cannot cause other zones to lose their use classification.

Prior to the development of hydrocarbon bearing tight gas and shale formations, domestic production of conventional resources had been declining. In response to this decline, the federal government in the 1970's through 1992, passed tax credits to encourage the development of unconventional resources. It was during this time that the HF process was further advanced to include the high-pressure multi-stage frac jobs used today.

Generally, HF can be described as follows:

1. Water, proppant, and chemical additives are pumped at extremely high pressures down the wellbore.
2. The fracturing fluid is pumped through perforated sections of the wellbore and into the surrounding formation, creating fractures in the rock. The proppant holds the fractures open during well production.
3. Company personnel continuously monitor and gauge pressures, fluids and proppants, studying how the sand reacts when it hits the bottom of the wellbore, slowly increasing the density of sand to water as the frac progresses.
4. This process may be repeated multiple times, in "stages" to reach maximum areas of the formation(s). The wellbore is temporarily plugged between each stage to maintain the highest fluid pressure possible and get maximum fracturing results in the rock.
5. The plugs are drilled or removed from the wellbore and the well is tested for results.
6. The pressure is reduced and the fracturing fluids are returned up the wellbore for disposal or treatment and re-use, leaving the sand in place to prop open the fractures and allow the oil/gas to flow.

OPERATIONAL ISSUES

Wells that undergo HF may be drilled vertically, horizontally, or directionally and the resultant fractures induced by HF can be vertical, horizontal, or both. Wells in Wyoming (WY) may extend to depths greater than 20,000 feet or less than 1,000 feet, and horizontal sections of a well may extend several thousand feet from the production pad on the surface¹⁴.

The total volume of fracturing fluids is generally 95-99% water. The amount of water needed to fracture a well in WY depends on the geologic basin, the formation, and depth and type of well (vertical, horizontal, directional), and the proposed completion process.

In general, approximately 50,000 to 300,000 gallons may be used to fracture shallow coalbed methane wells in the Powder River Basin, while approximately 800,000 to 2 million gallons may be used to fracture deep tight sand gas

¹⁴ See Kemmerer RMP (2010), Pinedale RMP (2008), Green River RMP (1997), Rock Springs RMP Revision, and Rawlins RMP (2008) RFD and/or Mineral Occurrence Reports for specific information on current and projected oil and gas development.

wells in southwestern WY. In the Niobrara oil play, approximately 250,000 gallons may be used to fracture a vertical well, while up to 5 million gallons may be used to fracture a horizontal well.

Proppant, consisting of synthetic or natural silica sand, may be used in quantities of a few hundred tons for a vertical well to a few thousand tons for a horizontal well.

Drilling muds, drilling fluids, water, proppant and hydraulic fracturing fluids are stored in onsite tanks or lined pits during the drilling and/or completion process. Equipment transport and setup can take several days, and the actual HF and flowback process can occur in a few days up to a few weeks. For oil wells, the flowback fluid from the HF operations is treated in an oil-water separator before it is stored in a lined pit or tank located on the surface. Where gas wells are flowed back using a “green completion process” fluids are run through a multi-phase separator, which are then piped directly to enclosed tanks or to a production unit.

Gas emissions associated with the HF process are captured when the operator utilizes a green completion process. Where a green completion process is not utilized, gas associated with the well may be vented and/or flared until “saleable quality” product is obtained in accordance with federal and state rules and regulations. The total volume of emissions from the equipment used (trucks, engines) will vary based on the pressures needed to fracture the well, and the number of zones to be fractured. Emissions associated with a project, and HF if proposed, will be analyzed through a site specific NEPA document to ensure that the operation will not cause a violation of the Clean Air Act.

Under either completion process, wastewaters from HF may be disposed in several ways. For example, the flowback fluids may be stored in tanks pending reuse; the resultant waste may be re-injected using a permitted injection well, or the waste may be hauled to a licensed facility for treatment, disposal and/or reuse.

Disposal of the waste stream following establishment of “sale-quality” product, would be handled in accordance with Onshore Order #7 regulations and other state/federal rules and regulations.

FRACTURING FLUIDS

As indicated above, the fluid used in the HF process is approximately 95 to 99 percent water and a small percentage of special-purpose chemical additives^{15, 16} and proppant. There is a broad array of chemicals that can be used as additives in a fracture treatment including, but not limited to, hydrochloric acid, anti-bacterial agents, corrosion inhibitors, gelling agents (polymers), surfactants, and scale inhibitors. The 1 to 5 percent of chemical additives translates to a minimum of 5,000 gallons of chemicals for every 1.5 million gallons of water used to fracture a well (Paschke, Dr. Suzanne. USGS, Denver, Colorado. September 2011). Water used in the HF process is generally acquired from surface water or groundwater in the local area.

RE-FRACTURING

Re-fracturing of wells (RHF) may be performed after a period of time to restore declining production rates. RHF success can be attributed to enlarging and reorienting existing fractures while restoring conductivity due to proppant degradation and fines plugging.

Prior to RHF, the wellbore may be cleaned out. Cleaning out the wellbore may recover over 50% of the initial frac sand. Once cleaned, the process of RHF is the same as the initial HF. The need for RHF cannot be predicted.

WATER AVAILABILITY AND CONSUMPTION ESTIMATES

The Wyoming Framework Water Plan, A Summary, (Wyoming Water Development Commission, October 2007), indicates that approximately 15 million acre-feet per year of water becomes either surface water or groundwater and is available for use. This estimate includes water that flows into the state and the precipitation that runs off as stream flow or infiltrates as groundwater; it does not include volumes lost to evapotranspiration.

Water flowing out of WY is estimated to be 13,678,200 acre-feet per year. Wyoming’s share of this supply under existing water compacts is estimated to be 3,313,500 acre-feet per year; approximately 10,364,700 acre-feet flows downstream out of the state.

¹⁵ FracFocus Chemical Registry. Hydraulic Fracturing Water Usage

¹⁶ Chesapeake Energy. 2012. Hydraulic Fracturing Fact Sheet. http://www.chk.com/Media/Educational-Library/Fact-Sheets/Corporate/Hydraulic_Fracturing_Fact_Sheet.pdf (Last accessed March 1, 2012)

The industrial water use sector includes electric power generation, coal mining, conventional oil and gas production, uranium mining, trona mining and soda ash production, bentonite mining, gypsum mining, coalbed methane (CBM) production, manufacturing of aggregate, cement, and concrete, and road and bridge construction.

Total current industrial surface water use for Wyoming is estimated to be 125,000 acre- feet per year. Total current industrial groundwater water use is estimated to be 246,000 acre-feet per year.

According to the state water plan, it appears likely that any new water-intensive industrial developments in the state over the next 30 years will fall into the electric power generation and/or chemical products categories. The other two intensive water use industries, primary metals and paper producers, tend to locate near the source of their largest process inputs – metals and wood respectively. The total projected industrial use under the Mid Scenario is 331,000 acre-feet per year. The Mid-Scenario is a middle of the road estimate versus the projected low or high scenarios.

Water needs for future fracturing jobs were estimated for this discussion paper using the current Reasonable Foreseeable Development (RFD) scenario numbers taken from each of the nine WY RMPs and multiplied by the maximum volume of water necessary based on information located at fracfocus.org. The table is provided, below. Based on a statewide RFD of 25,478 non-CBM wells and 18,299 CBM wells, the maximum projected water needs for HF is 401,319 acre-feet of water. This number is an estimate based upon maximum projected water needs per HF job, and assumes that 100% of the water is freshwater.

According to the WOGCC, as of August 19, 2018, there are approximately 457 Disposal wells in the state disposing of oil and gas waste water. Data obtained from the Wyoming Oil and Gas Conservation Commission, for a period ending June 30, 2018, indicates that 4,979,807,439 barrels of water have been injected into underground formations for disposal purposes. These injection wells may also utilize HF depending upon the specific geology of the disposal zone; however, subsequent disposal operations utilize injection pressures below the fracture stress of the receiving formation to ensure containment in the targeted zone. Each formation for which injection is approved must receive an aquifer exemption from the Environmental Protection Agency documenting that the injectate will be properly contained and that the formation receiving the water is not of useable quality (DEQ Class 4 Use).

POTENTIAL SOURCES OF WATER FOR HYDRAULIC FRACTURING

Freshwater-quality water is required to drill the surface-casing section of the wellbore per federal regulations; other sections of the wellbore (intermediate and/or production strings) would be drilled with appropriate quality makeup water as necessary. This is done to protect usable water zones from contamination, to prevent mixing of zones containing different water quality/use classifications, and to minimize total freshwater volumes. With detailed geologic well logging during drilling operations, geologists/mud loggers on location identify the bottoms of these usable water zones, which aids in the proper setting of casing depths.

Several sources of water are available for drilling and/or HF in WY. Because WY's water rights system is based in the prior appropriation doctrine, water cannot be diverted from a stream/reservoir or pumped out of the ground for drilling and/or HF without reconciling that diversion with the prior appropriation doctrine. Like any other water user, companies that drill or hydraulically fracture oil and gas wells must adhere to WY water laws when obtaining and using specific sources of water.

Below is a discussion of the sources of water that could potentially be used for HF. The decision to use any specific source is dependent on BLM authorization at the APD stage and the ability to satisfy the water appropriation doctrine. BLM must also consult in accordance with the Endangered Species Act (ESA) as amended (16 U.S.C. 1531 et seq.) with the U.S Fish and Wildlife Service (FWS) on projects resulting in consumptive water use over de minimus levels, in the Platte and Colorado River Basins of WY. Where this is an issue, USFWS was consulted during the preparation of the appropriate RMP and would again be consulted on a case by case basis. From an operators' standpoint, the decision regarding which water source will be used is primarily driven by the economics associated with procuring a specific water source.

Water transported from outside the state. The operator may transport water from outside the state. As long as the transport and use of the water carries no legal obligation to Wyoming, this is an allowable source of water from a water rights perspective.

Irrigation water leased or purchased from a landowner. The landowner may have rights to surface water, delivered by a ditch or canal that is used to irrigate land. The operator may choose to enter into an agreement with the landowner to purchase or lease a portion of that water. This is allowable, however, in nearly every case, the use of an irrigation water right is likely limited to irrigation uses and cannot be used for well drilling and HF operations. To allow its use for drilling and HF, the owner of the water right and the operator must apply to change the water right through a formal process.

Treated water or raw water leased or purchased from a water provider. The operator may choose to enter into an agreement with a water provider to purchase or lease water from the water provider's system. Municipalities and other water providers may have a surplus of water in their system before it is treated (raw water) or after treatment that can be used for drilling and HF operations. Such an arrangement would be allowed only if the operator's use were compliant with the water provider's water rights.

Water treated at a waste water treatment plant leased or purchased from a water provider. The operator may choose to enter into an agreement with a water provider to purchase or lease water that has been used by the public, and then treated as wastewater.

Municipalities and other water providers discharge their treated waste water into the streams where it becomes part of the public resource, ready to be appropriated once again in the priority system. But for many municipalities a portion of the water that is discharged has the character of being "reusable." As a result, it is possible that after having been discharged to the stream, it could be diverted by the operator to be used for drilling and HF operations. Such an arrangement would only be appropriate with the approval of the WY State Engineer's Office (WSEO) and would be allowed only if the water provider's water rights include uses for drilling and HF operations.

New diversion of surface water flowing in streams and rivers. New diversion of surface waters in most parts of the state are rare because the surface streams are already "over appropriated," that is, the flows do not reliably occur in such a magnitude that all of the vested water rights on those streams can be satisfied. Therefore, the only time that an operator may be able to divert water directly from a river is during periods of high flow and less demand. These periods do occur but not reliably or predictably.

Produced Water. The operator may choose to use water produced in conjunction with oil or gas production at an existing oil or gas well. The water that is produced from an oil or gas well is under the administrative purview of the WSEO and is either non-tributary, in which case, it is administered independent of the prior appropriation doctrine; or is tributary, in which case, the depletions from its withdrawal must be fully augmented if the depletions occur in an over-appropriated basin. The result in either case is that the produced water is available for consumption for other purposes, not just oil and gas operations. The water must not be encumbered by other needs and the operator must obtain a proper well permit from the WSEO before the water can be used for drilling and HF operations.

Reused or Recycled Drilling Water. Water that is used for drilling of one well may be recovered and reused in the construction of subsequent wells. The BLM encourages reuse and recycling of both the water used in well drilling and the water produced in conjunction with oil or gas production. However, as described above, the operator must obtain the right to use the water for this purpose.

On-Location Water Supply Wells. Operators may apply for, and receive, permission from the WSEO to drill and use a new water supply well. These wells are usually drilled on location to provide an on-demand supply. These industrial-type water supply wells are typically drilled deeper than nearby domestic and/or stock wells to minimize drawdown interference, and have large capacity pumps. The proper construction, operation and maintenance, backflow prevention and security of these water supply wells are critical considerations at the time they are proposed to minimize impacts to the well and/or the waters in the well and are under the jurisdiction of the WSEO. Plugging these wells are also under the jurisdiction of the WSEO.

POTENTIAL IMPACTS TO USABLE WATER ZONES

Impacts to freshwater supplies can originate from point sources, such as chemical spills, chemical storage tanks (aboveground and underground), industrial sites, landfills, household septic tanks, and mining activities. Impacts to usable waters may also occur through a variety of oil and gas operational sources which may include, but are not limited to, pipeline and well casing failure, and well (gas, oil and/or water) drilling and construction of related

facilities. Similarly, improper construction and management of open fluids pits and production facilities could degrade ground water quality through leakage and leaching.¹⁷

Should hydrocarbons or associated chemicals for oil and gas development, including HF, exceeding EPA/WDEQ standards for minimum concentration levels migrate into culinary water supply wells, springs, or usable water systems, it could result in these water sources becoming non-potable. Water wells developed for oil and gas drilling could also result in a draw down in the quantity of water in nearby residential areas depending upon the geology; however it is not currently possible to predict whether or not such water wells would be developed.

Usable groundwater aquifers are most susceptible to pollution where the aquifer is shallow (within 100 feet of the surface depending on surface geology) or perched, are very permeable, or connected directly to a surface water system, such as through floodplains and/or alluvial valleys or where operations occur in geologies which are highly fractured and/or lack a sealing formation between the production zone and the usable water zones. If an impact to usable waters were to occur, a greater number of people could be affected in densely populated areas versus sparsely populated areas characteristic of WY.

Potential impacts on usable groundwater resources from fluid mineral extraction activities can result from the five following scenarios:

- Contamination of aquifers through the introduction of drilling and/or completion fluids through spills or drilling problems such as lost circulation zones.
- Communication of the induced hydraulic fractures with existing fractures potentially allowing frac fluid migration into usable water zones/supplies. The potential for this impact is likely dependent on the local hydraulic gradients where those fluids are dissolved in the water column. To date, this is an unproven theory.
- Cross-contamination of aquifers/formations that may result when fluids from a deeper aquifer/formation migrate into a shallower aquifer/formation due to improperly cemented well casings.
- Localized depletion of unconfined groundwater availability.
- Progressive contamination of deep confined, shallow confined, and unconfined aquifers if the deep confined aquifers are not completely cased off, and geologically isolated, from deeper units. An example of this would be salt water intrusion resulting from sustained drawdown associated with the pumping of groundwater.

The impacts above could occur as a result of the following processes:

Improper casing and cementing.

A well casing design that is not set at the proper depths or a cementing program that does not properly isolate necessary formations could allow oil, gas or HF fluids to contaminate other aquifers/formations.

Natural fractures, faults, and abandoned wells.

If HF of oil and gas wells result in new fractures connecting with established natural fractures, faults, or improperly plugged dry or abandoned wells, a pathway for gas or contaminants to migrate underground may be created posing a risk to water quality. The potential for this impact is currently unknown but it is generally accepted that the potential decreases with increasing distance between the production zone and usable water zones. This potential again is dependent upon the site specific conditions at the well location.

Fracture growth.

A number of studies and publications report that the risk of induced fractures extending out of the target formation into an aquifer—allowing hydrocarbons or other fluids to contaminate the aquifer—may depend, in part, on the formation thickness separating the targeted fractured formation and the aquifer. For example, according to a 2012 Bipartisan Policy Center report, the fracturing process itself is unlikely to directly affect freshwater aquifers because fracturing typically takes place at a depth of 6,000 to 10,000 feet, while drinking water aquifers are typically less than 1,000 feet deep. Fractures created during HF have not been shown to span the distance between the targeted formation and freshwater bearing zones. If a parcel is sold and development is proposed in usable water zones, those

¹⁷ See Subject RMP, Chapter 4, Environmental Consequences, for additional information

operations would have to comply with federal and/or state water quality standards or receive a Class 5 designation from the WDEQ.

Fracture growth and the potential for upward fluid migration, through coal and other geologic formations depend on site-specific factors such as the following:

1. Physical properties, types, thicknesses, and depths of the targeted formation as well as those of the surrounding geologic formations.
2. Presence of existing natural fracture systems and their orientation in the target formation and surrounding formations.
3. Amount and distribution of stress (i.e., in-situ stress), and the stress contrasts between the targeted formation and the surrounding formations.

Hydraulic fracture stimulation designs include the volume of fracturing fluid injected into the formation as well as the fluid injection rate and fluid viscosity; this information would be evaluated against the above site specific considerations.

Fluid leak and recovery (flowback) of HF fluids.

It is theorized that not all fracturing fluids injected into the formation during the HF process may be recovered. It is theorized that fluid movement into smaller fractures or other geologic substructures can be to a point where flowback efforts will not recover all the fluid or that the pressure reduction caused by pumping during subsequent production operations may not be sufficient to recover all the fluid that has leaked into the formation. It is noted that the fluid loss due to leakage into small fractures and pores is minimized by the use of cross-linked gels.

Willberg et al. (1998) analyzed HF flowback and described the effect of pumping rates on cleanup efficiency in initially dry, very low permeability (0.001 md) shale. Some wells in this study were pumped at low flowback rates (less than 3 barrels per minute (bbl/min)). Other wells were pumped more aggressively at greater than 3 bbl/min. Thirty- one percent of the injected HF fluids were recovered when low flowback rates were applied over a 5-day period. Forty-six percent of the fluids were recovered when aggressive flowback rates were applied in other wells over a 2-day period. In both cases, additional fluid recovery (10 percent to 13 percent) was achieved during the subsequent gas production phase, resulting in a total recovery rate of 41 percent to 59 percent of the initial volume of injected HF fluid. Ultimate recovery rate however, is dependent on the permeability of the rocks, fracture configuration, and the surface area of the fracture(s).

The ability of HF chemicals to migrate in an undissolved or dissolved phase into a usable water zone is likely dependent upon the location of the sealing formation (if any), the geology of the sealing formation, hydraulic gradients and production pressures. The following discussion, adapted from: Evaluation of Impacts to Underground Sources of Drinking Water by Hydraulic Fracturing of Coalbed Methane Reservoirs; Chapter 3 Characteristics of CBM Production and Associated HF Practices (3-5EPA 816-R-04-003, June, 2004), takes place where there is not a sealing formation between the fractured formation and usable waters; the two zones are separated by approximately 1000' of earth in the Powder River Basin of WY.

HF Fluids can remain in the subsurface unrecovered, due to "leak off" into connected fractures and the pores of rocks. Fracturing fluids injected into the primary hydraulically induced fracture can intersect and flow (leak off) into preexisting smaller natural fractures. Some of the fluids lost in this way may occur very close to the well bore after traveling minimal distances in the hydraulically induced fracture before being diverted into other fractures and pores. Once "mixed" with the native water, local and regional vertical and horizontal gradients may influence where and if these fluids will come in contact with usable water zones, assuming that there is inadequate recovery either through the initial flowback or over the productive life of the well. Faults, folds, joints, etc., could also alter localized flow patterns as discussed below.

The following processes can influence effective recovery of the fracture fluids:

Check-Valve Effect

A check-valve effect occurs when natural and/ or newly created fractures open and HF fluid is forced into the fractures when fracturing pressures are high, but the fluids are subsequently prevented from flowing back toward the

wellbore as the fractures close when the fracturing pressure is decreased (Warpinski et al., 1988; Palmer et al., 1991a). A long fracture can be pinched-off at some distance from the wellbore. This reduces the effective fracture length. HF fluids trapped beyond the “pinch point” are unlikely to be recovered during flowback and oil/gas is unlikely to be recovered during production.

In most cases, when the fracturing pressure is reduced, the fracture closes in response to natural subsurface compressive stresses. Because the primary purpose of hydraulic fracturing is to increase the effective permeability of the target formation and connect new or widened fractures to the wellbore, a closed fracture is of little use. Therefore, a component of HF is to “prop” the fracture open, so that the enhanced permeability from the pressure-induced fracturing persists even after fracturing pressure is terminated. To this end, operators use a system of fluids and “proppants” to create and preserve a high- permeability fracture-channel from the wellbore deep into the formation.

The check-valve effect takes place in locations beyond the zone where proppants have been placed (or in smaller secondary fractures that have not received any proppant). It is possible that some volume of stimulation fluid cannot be recovered due to its movement into zones that were not completely “propped” open.

Adsorption and Chemical Reactions

Adsorption and chemical reactions can also prevent HF fluids from being recovered. Adsorption is the process by which fluid constituents adhere to a solid surface and are thereby unavailable to flow with groundwater. Adsorption to coal is likely; however, adsorption to other geologic material (e.g., shale, sandstone) is likely to be minimal. Another possible reaction affecting the recovery of fracturing fluid constituents is the neutralization of acids (in the fracturing fluids) by carbonates in the subsurface.

Movement of Fluids Outside the Capture Zone

Fracturing fluids injected into the target zone flow into fractures under very high pressure. The hydraulic gradients driving fluid flow away from the wellbore during injection are much greater than the hydraulic gradients pulling fluid flow back toward the wellbore during flowback and production (pumping) of the well. Some portion of the fracturing fluids could be forced along the hydraulically induced fracture to a point beyond the capture zone of the production well. The size of the capture zone will be affected by the regional groundwater gradients, and by the drawdown caused by producing the well. Site-specific geologic, hydrogeologic, injection pressure, and production pumping details should provide the information needed to estimate the dimension of the production well capture zone and the extent to which the fracturing fluids might disperse and dilute.

Incomplete Mixing of Fracturing Fluids with Water

Steidl (1993) documented the occurrence of a gelling agent that did not dissolve completely and actually formed clumps at 15 times the injected concentration in an induced fracture. Steidl also directly observed, in his mined-through studies, gel hanging in stringy clumps in many other induced fractures. As Willberg et al. (1997) noted, laboratory studies indicate that fingered flow of water past residual gel may impede fluid recovery. Therefore, some fracturing fluid gels appear not to flow with groundwater during production pumping and remain in the subsurface unrecovered. Such gels are unlikely to flow with groundwater during production, but may present a source of gel constituents to flowing groundwater during and after production.

Authorization of any future proposed projects , would require full compliance with local, state, and federal regulations and laws that relate to surface and groundwater protection and would be subject to routine inspections by the BLM and the Wyoming Oil and Gas Commission as described in Memorandum of Understanding WY920-94-09-79, dated September 21, 1994, prior to approval.

GEOLOGIC HAZARDS (INCLUDING SEISMIC/LANDSLIDES)

Potential geologic hazards caused by HF include induced seismic activity. Induced seismic activity could indirectly cause surficial landslide activity where soils/slopes are susceptible to failure.

Landslides involve the mass movement of earth materials down slopes and can include debris flows, soil creep, and slumping of large blocks of material. There are no identified landslides in the project area [Kemmerer RMP (2010), Pinedale RMP (2008), Green River RMP (1997), Rock Springs RMP Revision, and Rawlins RMP (2008) Chapter 2,

Affected Environment and/or Summary of the Management Situation Analysis; Wyoming State Geological Survey (2011)].

Earthquakes occur when energy is released due to blocks of the earth's crust moving along areas of weakness or faults. Earthquakes attributable to human activities are called "induced seismic events" or "induced earthquakes." In the past several years induced seismic events related to energy development projects have drawn heightened public attention. Although only a very small fraction of injection and extraction activities at hundreds of thousands of energy development sites in the United States have induced seismicity at levels that are noticeable to the public, seismic events caused by or likely related to energy development have been measured and felt in Alabama, Arkansas, California, Colorado, Illinois, Louisiana, Mississippi, Nebraska, Nevada, New Mexico, Ohio, Oklahoma, and Texas.

A study conducted by the National Academy of Sciences¹⁸ studied the issue of induced seismic activity from energy development. As a result of the study, they found that: (1) the process of hydraulic fracturing a well as presently implemented for shale gas recovery does not pose a high risk for inducing felt seismic events; and (2) injection for disposal of waste water derived from energy technologies into the subsurface does pose some risk for induced seismicity, but very few events have been documented over the past several decades relative to the large number of disposal wells in operation.

The potential for induced seismicity cannot be made at the leasing stage; as such, it will be evaluated at the APD stage should the parcel be sold/issued, and a development proposal submitted.

SPILL RESPONSE AND REPORTING

Spill Prevention, Control, and Countermeasure (SPCC) - EPA's rules include requirements for oil spill prevention, preparedness, and response to prevent oil discharges to navigable waters and adjoining shorelines. The rule requires that operators of specific facilities prepare, amend, and implement SPCC Plans. The SPCC rule is part of the Oil Pollution Prevention regulation, which also includes the Facility Response Plan (FRP) rule. Originally published in 1973 under the authority of §311 of the Clean Water Act, the Oil Pollution Prevention regulation sets forth requirements for prevention of, preparedness for, and response to oil discharges at specific non-transportation-related facilities. To prevent oil from reaching navigable waters and adjoining shorelines, and to contain discharges of oil, the regulation requires the operator of these facilities to develop and implement SPCC Plans and establishes procedures, methods, and equipment requirements (Subparts A, B, and C). In 1990, the Oil Pollution Act amended the Clean Water Act to require some oil storage facilities to prepare Facility Response Plans. On July 1, 1994, EPA finalized the revisions that direct facility owners or operators to prepare and submit plans for responding to a worst-case discharge of oil.

In addition to EPA's requirements, operators must provide a plan for managing waste materials, and for the safe containment of hazardous materials, per Onshore Order #1 with their APD proposal. All spills and/or undesirable events are managed in accordance with Notice to Lessee (NTL) 3-A and WY Information Memorandums 2008-028: *NTL- 3A Reporting Requirements* and 2009-021 *Guidance & Standards for Response to Oil & Gas-Related Spills & Clean-Up Criteria*. Regulations found at 43 CFR 3162.5(c) provide BLM with the necessary regulatory framework for responding to all spills and/or undesirable events related to hydraulic fracturing operations.

PUBLIC HEALTH AND SAFETY

The intensity, and likelihood, of potential impacts to public health and safety, and to the quality of usable water aquifers is directly related to proximity of the proposed action to domestic and/or community water supplies (wells, reservoirs, lakes, rivers, etc.) and/or agricultural developments. The potential impacts are also dependent on the extent of the production well's capture zone and well integrity. Standard Lease Notice No.1 specifies that development is generally restricted within a quarter mile of occupied dwellings and within 500 feet of riparian habitats and wetlands, perennial water sources (rivers, springs, water wells, etc.) and/or floodplains. Intensity of impact is likely dependent on the density of development. Further information related to the rate of development is provided in the Leasing Environmental Analysis.

¹⁸ Induced Seismicity Potential in Energy Technologies, National Academy of Sciences, 2012

HF White Paper Table									
Field Office (Year of RFD)	Projected Number of CBM wells	Projected Number of Non-CBM/ Conventional Wells	Max Frac Volume CBM (gallons)	Total Est. H2O for CBM	Max Frac Volume Non_CBM (gallons)	Total Est. H2O for Non-CBM	Total Projected H2O for HF (gallons)	Total Projected H2O for HF (barrels)	Total Projected H2O for HF (acre- feet)
BFO (2012)	10,343	3,865	300,000	3,102,900,000	5,000,000	19,325,000,000	22,427,900,000	711,996,824	67,736.09
BHB (2010) (WFO/CYFO)	150	1,890	300,000	45,000,000	5,000,000	9,450,000,000	9,495,000,000	301,428,571	28,676.52
CFO (2005)	700	2,100	300,000	210,000,000	5,000,000	10,500,000,000	10,710,000,000	340,000,000	32,346.03
NFO (2004)	0	30	300,000	0	5,000,000	150,000,000	150,000,000	4,761,905	453.03
LFO (2009)	861	2,566	300,000	258,300,000	5,000,000	12,830,000,000	13,088,300,000	415,501,587	39,528.90
RFO (2004)	4,655	4,655	300,000	1,396,500,000	5,000,000	23,275,000,000	24,671,500,000	783,222,221	74,512.14
RSFO (GRRMP/1991)	300	1,258	300,000	90,000,000	5,000,000	6,290,000,000	6,380,000,000	202,539,682	19,268.69
RSFO (JMH/2002)	50	314	300,000	15,000,000	5,000,000	1,570,000,000	1,585,000,000	50,317,460	4,786.97
KFO (2006)	640	220	300,000	192,000,000	5,000,000	1,100,000,000	1,292,000,000	41,015,873	3,902.06
PFO (2006)	600	8,580	300,000	180,000,000	5,000,000	42,900,000,000	43,080,000,000	1,367,619,046	130,108.96
Total	18,299	25,478		5,489,700,000		127,390,000,000	132,879,700,000	4,218,403,168	401,319

Calculation assumes 100% of HF H2O is freshwater.

Conversion factor: gallons to barrels: *0.0317460317 Conversion factor: barrels to acre feet: /10511.3365126

4.4 EA Preparers/Reviewers, Consultation & Coordination

The following individuals or organizations were involved in consultation on issues in the development of this EA.

4.4.1 Outside Agencies or Individuals

Prior to publication of this EA, letters were sent to landowners by the WSO notifying them that the minerals under their surface lands had been nominated for lease and inviting them to participate in the BLM's review. Of the initial 702 parcel nominated for sale, 452 appear to have at least some portion of the parcel in private fee ownership. Where surface ownership information was provided, the WSO mailed notification letters to each person's whose information was provided. No comments were received from these surface owners during the initial or extended comment period.

Informal scoping letters were also sent to Native American tribal contacts known or identified as having interest or concerns with oil and gas leasing in the area. No comments were received as a result of sending these letters. Tribal consultation was specifically initiated for parcel 323 in the Pinedale Field Office and this parcel is deferred from offering under State Director discretion.

When necessary, notice letters were sent to the Forest Service, Douglas Ranger District and to units of the National Park Service in the northeast regional area of Wyoming. The superintendent of the Fort Laramie National Historic Site has identified concerns with oil and gas development in proximity to the Historic Site for previous sales. Those concerns include activities within the visual setting of the area, effects on visitor experience, and impacts to air quality, water quality and night skies. These are impacts associated with lease development, and will be addressed site specifically if a development proposal is submitted. No new issues were identified that would suggest the need to consider alternatives beyond those being addressed in this EA and no specific comments were received from these entities.

In accordance with the BLM/WGFD Memorandum of Understanding WY131, Appendix 5G, the WSO sent the preliminary parcel list to the WGFD field personnel were provided an opportunity to review the revised preliminary parcel list and send their comments back to the BLM field office. If WGFD field personnel did not have any comments or concerns with the revised preliminary parcel list, they sent an email/letter to the BLM field office that they have reviewed the revised preliminary parcel list, and the WGFD concerns have been met and they have no additional concerns. The BLM field offices reviewed WGFD field personnel concerns and addressed any concerns. The WSO also routinely meets with WGFD Habitat Protection Program personnel as a part of its coordination on oil and gas lease sales. Individuals contacted at the WGFD regarding the subject parcels include: Brandon Scurlock (PFO and RSFO), Sam Stephens (RFO), Jeff Short (KFO), Erika Peckham, Cheyenne Stewart and Tim Thomas (BFO); Willow Hibbs and Heather Obrien (CFO); Joe Sandrini, Erika Peckham and Willow Bish (NFO); Leslie Schreiber (WFO); and Angela Bruce, Rick Huber, and Scott Smith (Cheyenne WGFD/Statewide).

Under procedures outlined in a memorandum of understanding, the BLM requested comments from the Bureau of Reclamation (BOR) as the surface management agency on any parcels located on lands managed by the BOR. This coordination is also discussed under Scoping, in section 1.6 on page 1.6 of this EA.

4.4.2 BLM-Wyoming State Office

Name	Title	Responsible for
BLM Wyoming State Office		
Erik Norelius	Natural Resource Specialist	Project Manager and Preparer
Allen Stegeman	Natural Resource Specialist	Project Manager and Preparer
Ryan McCammon	Physical Scientist, Air Quality	Air Quality & Climate Change
Travis Bargsten	Planning & Environmental Coordinator	Planning
Karsyn Lamb	Economist	Socioeconomics
Jenny Marzluf	Wildlife Biologist	Wildlife
Darren Long	Wildlife Biologist	Wildlife
Chris Keefe	Wildlife Biologist	Wildlife

4.4.3 BLM-High Desert District

Name	Title	Responsible for
High Desert District Office		
Sonja Hunt	HDD Resource Advisor-Energy	District Project Coordinator
Pinedale Field Office		
Douglas Linn	Assistant Field Manager	Lands and Minerals
Brian Roberts	Natural Resource Specialist	Soils
Juliann Terry	Wildlife Biologist	Wildlife, Threatened and Endangered Species, Special Status species
Jennie Frankus	Cultural Resources Specialist	Cultural Resources, Paleontology
Kellie Roadifer	Lead Project Coordinator	Project Lead
Joel Klosterman	Outdoor Recreation Planner	Recreation; VRM; LWCs
Rawlins Field Office		
Tim Novotny	Assistant Field Manager	Project Lead
Ray Ogle	Supervisory Natural Resource Specialist	RFO Lead
Natasha Keierleber	Archeologist	Cultural Resources, Paleontology
Frank Blomquist	Wildlife Biologist	Wildlife, Threatened and Endangered Species, Special Status species
John Martin	Wildlife Biologist Technician	Wildlife, Threatened and Endangered Species, Special Status species
Mitch Lane	Geologist	Geology; minerals
Rock Springs Field Office		
Gavin Lovell	Assistant Field Manager, Resources	Resource Lead
Carlos Coontz	Planning and Environmental Specialist	Project Lead
Scott Stadler	Supervisory Archeologist	Cultural Resources
Gene Smith	Paleontology Coordinator	Paleontology
Mark Snyder	Supervisory Wildlife Biologist	Wildlife, Threatened and Endangered Species, Special Status species
Dennis Doncaster	Hydrology	Water Resources
TJ Franklin	Natural Resource Specialist	Minerals
Katie Goidich	Archeologist /Recreation Specialist	Recreation; VRM; LWCs
Holly Goggin	Geologist	Geology; minerals
Kemmerer Field Office		
Melissa Fisher	Natural Resource Specialist	CYFO Core Team Lead; Site Visits
Blaine Potts	Assistant Field Manager, Resources	Recreation/VRM//Wilderness
Jessica Vogt	Wildlife Biologist	Wildlife/T&E
Alex Gardiner	Fisheries Biologist	Fisheries/T&E
Doug Tingwall	Archeologist	Cultural

4.4.4 BLM High Plains District

Name	Title	Responsible for
High Plains District Office		
Tyson Finnicum	HPP Resource Advisor	District Project Coordinator
Andrea Meeks	GIS Specialist, High Plains District	Coal Review
Newcastle Field Office		
Eric Schnell	Natural Resource Specialist	NFO Team Lead
Justin Proffer	Wildlife Biologist	Wildlife Review
Alice Tratebas	Archeologist	Cultural and Paleontology Review
Casper Field Office		
Ahren Ramirez	Natural Resource Specialist	CFO Team Lead

Sara Olsen	Wildlife Biologist	Wildlife Review
Katy Kuhnel	Outdoor Recreation Planner	Wilderness Review
Robert Mathis	GIS Specialist	CFO GIS Support and Review
Patrick Walker	Archeologist	Cultural and Paleontology Review
Buffalo Field Office		
Katrina Gray	Natural Resource Specialist	BFO Team Lead
Shari Ketcham	Wildlife Biologist	Wildlife Review
Buck Damone	Archeologist	Cultural and Paleontology Review
Jessica McDermitt	GIS Specialist	BFO GIS Support and Review
Rachel Wiota	Outdoor Recreation Planner	Recreation, Wilderness, Visual Mgmt. Review
Andrea Meeks	GIS Specialist	Coal Review

4.4.5 BLM-Wind River/Bighorn Basin District

Name	Title	Responsible for
Wind River/Bighorn Basin District Office		
Rita Allen	WR/BBD District Resource Advisor	District Project Manager & Preparer
Sarah Bucklin	WR/BBD District Resource Advisor	District Project Manager & Preparer
Holly Elliott	Planning & Environmental Coordinator	Review
Zack Poetzsch	Planning & Environmental Specialist	Review
Cody Field Office		
Brandi Hecker	Natural Resource Specialist	CYFO Core Team Lead; Site Visits
Gretchen Hurley	Geologist	Geology and Paleontological Resources
Abel Guevara	Wildlife Biologist	Wildlife/T&E
Kierson Crume	Archeologist	Cultural
Rick Tryder	Outdoor Recreation Planner	Recreation/VRM//Wilderness
Alicia Hummel	Rangeland Management Specialist	Riparian
Worland Field Office		
Valerie Baxter	Natural Resource Specialist	WFO Core Team Lead; Site Visits
Darci Stafford	Wildlife Biologist	Wildlife/T&E
Tim Stephens	Wildlife Biologist	Wildlife/T&E
Stacey Moore	Archaeologist	Cultural and Paleontological Resources
Stacy Moore	Archaeologist	Cultural and Paleontological Resources
Hannah Fortney (acting)	Outdoor Recreation Planner	Recreation/VRM/Wilderness
Karen Hepp	Range Management Specialist	T&E Plants
Jeff Coyle	Hydrologist	Hydrology
Hannah Fortney	Geographic Information Specialist	GIS
Joe Scyphers	Geologist	Mining claims, Subsurface Solid Minerals
Lander Field Office		
Lindsay Abercrombie	Natural Resource Specialist	LFO Core Team Lead; Site Visits
Ira Waldron	Natural Resource Specialist	LFO Core Team Lead; Site Visits
Aaron Rutledge	Wildlife Biologist	Wildlife, T&E and Sensitive Species, Site Visits
Nicholas Freeland	Archaeologist	Cultural and Paleontological Resources
Jared Oakleaf	Outdoor Recreation Planner	Recreation/VRM/Wilderness

Sarah Wempen	Geographic Information Specialist	GIS
Emma Freeland	Natural Resource Specialist – Weeds/Botany	T&E Species

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6.0 Attachments

6.1 Parcel Specific Maps (Wildlife)

The attached maps are used to identify parcel specific interactions with Greater Sage-Grouse and Big Game habitat. Please refer to Chapter 3 for species-specific analysis. The parcel shapefile is available to download to compare to other data sources.

6.2 Parcel Specific Maps (Leasing and Development)

The attached maps are used to identify existing oil and gas development on a parcel specific level. The parcel shapefile is available to download to compare to other data sources.