



GROUSE MOUNTAIN
ENVIRONMENTAL CONSULTANTS



OUR MISSION

Is to deliver the highest levels of professionalism and experience to our clients by striving to provide creative solutions and timely, responsive services.

YOUR FULL SERVICE RESOURCE FOR PLANNING, PERMITTING, AND IMPLEMENTATION.

ABOUT US

Grouse Mountain Environmental Consultants is an independently owned, multidisciplinary natural resource consulting firm whose comprehensive blend of disciplines and years of experience allow us to provide solutions to unique and contemporary issues.

Grouse Mountain is committed to providing the utmost qualifications and skills available to complete your projects with professionalism.



Our office locations in Buffalo, Wyoming and Santa Fe, New Mexico allow us to efficiently service clients throughout the Rocky Mountain, Southwest, and Midwest regions.

Grouse Mountain began operations in 2007, initially providing federal oil and gas permitting and environmental consulting services to the Powder River Basin. Since then, we have grown to a diverse team of technical professionals including regulatory and permitting specialists, wildlife biologists, botanists, geographical information systems (GIS) analysts, National Environmental Policy Act (NEPA) specialists, cultural resource specialists, hydrologists, certified Stormwater Pollution Prevention Plan (SWPPP) administrators, and reclamation specialists. This diversity allows our team to manage a wide variety of projects throughout Wyoming, Montana, the Dakotas, Idaho, Colorado, Utah and New Mexico.

Grouse Mountain's small company values are visible in the quality of our work and the relationships we develop with our clients. Whether your project requires obtaining a federal Application for Permit to Drill (APD), proposed development for renewable energy, navigating the policies surrounding sensitive species management, or attaining NEPA compliance, our staff of dedicated professionals is ready to assist your project needs.

PERMITTING: FEDERAL & STATE

Grouse Mountain has built upon decades of experience processing Applications for Permit to Drill (APDs) for oil and gas wells. Our permitting group excels at staying on the cutting edge of ever-changing regulations and permitting requirements specific to both state and federal entities. We believe we give our clients an edge in the competitive energy race with our vast permitting expertise.

- FULL SERVICE FEDERAL OIL AND GAS APPLICATION FOR PERMIT TO DRILL (APD PACKAGES)
- FEDERAL AND STATE OIL AND GAS NOTICE OF STAKING (NOS PACKAGES)
- STATE OIL AND GAS APPLICATION FOR PERMIT TO DRILL (APD PACKAGES)
- PERMITTING STRATEGY DEVELOPMENT
- FACILITY SITING
- PIPELINE ROUTING
- STATE AND FEDERAL RIGHTS OF WAY (ROWS)
- AS-BUILT MAPPING
- SMALL MINE PERMIT / LIMITED MINING OPERATION APPLICATIONS
- LANDFARMING

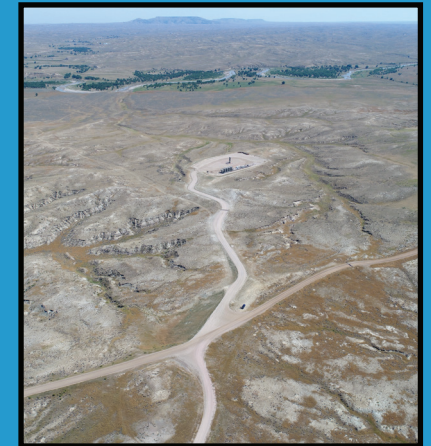




GIS & DATABASE SOLUTIONS

We implement custom map products, geospatial analyses, and databases throughout our environmental solutions. Our permitting, wildlife, and other departments create high-quality results made more efficient by custom software. Specialized products and services available to Grouse Mountain clients include:

- GIS MAPS CREATED WITH INDUSTRY STANDARD ESRI ARCGIS® SOFTWARE
- GPS/GIS INTEGRATED SOLUTIONS THAT BRING FIELD-COLLECTED DATA TO AN ESRI HYBRID CLOUD
- DRONE-ACQUIRED AERIAL IMAGERY AND VIDEO
- 3D MODELING AND SPATIAL ANALYSIS
- DEVELOPMENT OF DATABASE SOLUTIONS USING MICROSOFT® TECHNOLOGIES INCLUDING AZURE CLOUD
- CUSTOM REPORTS THAT PROVIDE VALUABLE INSIGHTS INTO PROJECT DATA
- AUTOMATION OF WORKFLOWS USING CUSTOM CODE IN MICROSOFT® OFFICE AND BEYOND
- VIEWSHED ANALYSIS PER FEDERAL AND STATE AGENCY REQUIREMENTS





ENVIRONMENTAL REGULATORY COMPLIANCE

Projects with a federal component are required to comply with the National Environmental Policy Act (NEPA). Grouse Mountain NEPA specialists will assist you while navigating through the complexities of NEPA. We will coordinate with the cooperating federal agencies to determine the appropriate action based on the extent of your project, whether that means preparing a straightforward Categorical Exclusion or intensive Environmental Impact Statement. Our NEPA specialists will lead our diverse resource team of wildlife biologists, environmental specialists, and hydrologists to ensure NEPA documentation is completed in a timely and efficient manner.

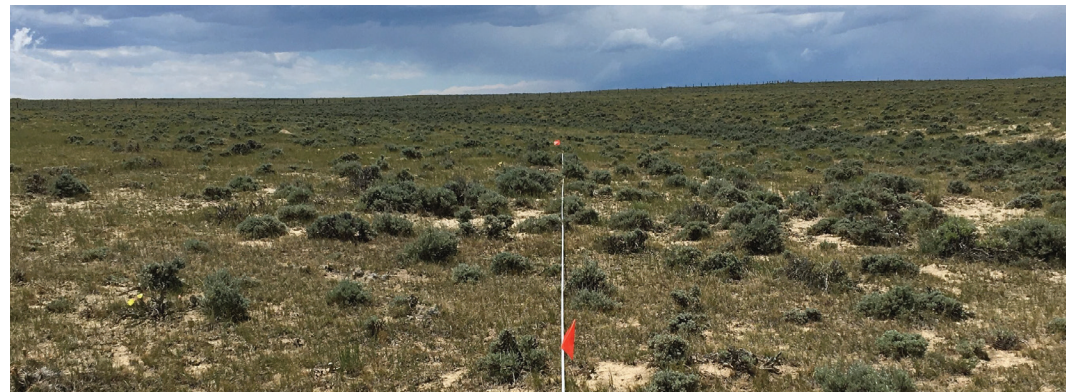
- ENVIRONMENTAL IMPACT STATEMENTS (EIS)
- ENVIRONMENTAL ASSESSMENTS (EA)
- CATEGORICAL EXCLUSIONS (CE)
- BIOLOGICAL ASSESSMENT/BIOLOGICAL EVALUATIONS (BA/BE)
- PUBLIC SCOPING, OUTREACH, AND COMMENT REVIEW
- INTERAGENCY COORDINATION
- SECTION 7 CONSULTATION ASSISTANCE WITH THE U.S. FISH AND WILDLIFE SERVICE

RANGELAND HEALTH

Grouse Mountain's rangeland specialists are highly trained in a number of protocols used in rangeland assessments. We are experienced in identifying ecosites, soils types, and plant communities. Our crew leads have received training in terrestrial Assessment, Inventory, & Monitoring (AIM), National Resources Inventory (NRI), and Interpreting Indicators of Rangeland Health. With this field knowledge, Grouse Mountain personnel have the capability to conduct quality field data collection in an efficient and timely manner.

In addition to our experience with government agencies on natural resource-related projects, several team members have ranching and agricultural backgrounds providing us the ability to better facilitate discussions with land managers.

- RANGELAND HEALTH ASSESSMENTS
- GRAZING LANDS INVENTORY ANALYSIS AND PLANNING SERVICES
- SAGE-GROUSE HABITAT ASSESSMENT FRAMEWORK (HAF) GUIDELINES FOR ASSESSING RANGELAND HEALTH
- DOCUMENTATION OF BASELINE VEGETATIVE COMPOSITION
- SPECIES IDENTIFICATION AND MANAGEMENT TRAINING
- VEGETATION QUANTIFICATION
- SOILS IDENTIFICATION USING HAND AUGERS, SOILS PITS, AND GIDDINGS RIG
- INVASIVE SPECIES SURVEYS AND DEVELOPMENT OF INTEGRATED WEED MANAGEMENT PLANS





WILDLIFE REGULATORY COMPLIANCE

- ENDANGERED SPECIES ACT (ESA)
- MIGRATORY BIRD TREATY ACT (MBTA)
- BALD AND GOLDEN EAGLE PROTECTION ACT (EAGLE ACT)
- LAND-BASED WIND ENERGY GUIDELINES
- BIRD AND BAT CONSERVATION STRATEGIES
- EAGLE CONSERVATION PLANS (ECP)
- EAGLE DEPREDATION, NEST TAKE, AND NON-PURPOSEFUL TAKE EAGLE PERMITS
- BUREAU OF LAND MANAGEMENT, US FOREST SERVICE, US FISH AND WILDLIFE SERVICE, TRIBAL, AND STATE AGENCY REGULATIONS
- MITIGATION DESIGN, MONITORING, AND IMPLEMENTATION

WILDLIFE RESOURCES

Grouse Mountain specializes in wildlife services for oil and gas development, wind and solar energy, mining, NEPA compliance, and scientific research for clients including industry, federal agencies, state departments, and private individuals.

We provide support and guidance for our clients as they navigate environmental regulatory processes from pre-planning through post-development project phases.

We will design and implement wildlife studies and mitigation strategies compliant with federal and state regulations for threatened and endangered species, species of concern, and special status plant and animal species.

Our team of expert wildlife biologists is here to help you with all your wildlife needs.



WILDLIFE MONITORING & SURVEYS

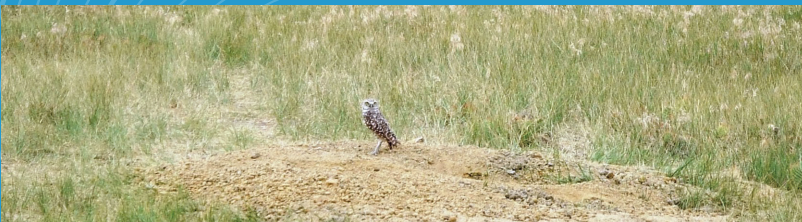
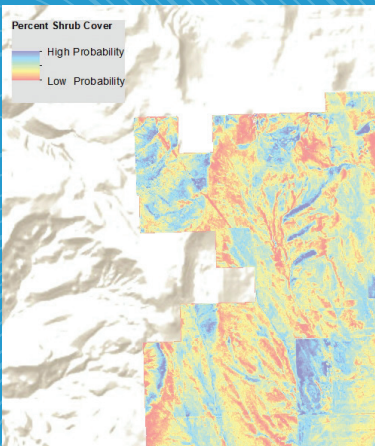
Grouse Mountain conducts wildlife surveys for Federal, State, and Tribally protected species.

Surveys for these Threatened, Endangered, Sensitive Species and Species of Concern include, but are not limited to:

- THREATENED, ENDANGERED, AND SENSITIVE SPECIES
- AVIAN POINT COUNT AND MORTALITY
- EAGLE, RAPTOR, AND MIGRATORY BIRD NESTING
- BALD EAGLE WINTER ROOSTING
- BAT ACOUSTIC MONITORING
- SAGE-GROUSE, SHARP-TAILED GROUSE, AND LESSER PRAIRIE-CHICKEN LEK MONITORING AND INVENTORY
- PRAIRIE DOG COLONY MAPPING
- SMALL MAMMALS
- BIG GAME
- AMPHIBIANS AND REPTILES

SPECIALIZED WILDLIFE SERVICES

- REMOTE SENSING AND SPATIAL MODELING
- HABITAT UTILIZATION AND RESOURCE SELECTION ANALYSES
- NOISE MONITORING
- HABITAT ASSESSMENTS AND RESTORATION
- ARTIFICIAL RAPTOR NEST STRUCTURE/PERCH DESIGN AND INSTALLATION



WATER RESOURCE MANAGEMENT

Grouse Mountain hydrologists have extensive experience, from large-scale watershed modeling to small-scale stream assessments. We can help with all facets of your project whether you are assessing the condition of aquatic systems, implementing a mitigation strategy, or conducting water quality monitoring in a system.

WATERSHED

- HYDROLOGIC ASSESSMENT
- WATERSHED MODELING
- WATERSHED MASTER PLANNING

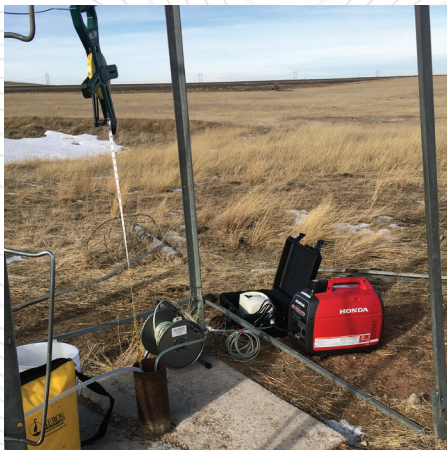
WETLANDS

- WETLAND DELINEATION/MAPPING
- US ARMY CORPS OF ENGINEERS' CONSULTATION
- WETLAND SURVEY
- WETLAND HABITAT QUALITY ASSESSMENT
- RIPARIAN ECOSYSTEM FUNCTION ASSESSMENTS
- CLEAN WATER ACT (CWA) SECTION 404/401, AND NATIONWIDE PERMIT COMPLIANCE (NWP)

STREAM & RIPARIAN AREA ASSESSMENTS

- PROPER FUNCTIONING CONDITION (PFC) OF STREAMS USING THE ROSGEN CLASSIFICATION SYSTEM
- AQUATIC ASSESSMENT INVENTORY & MONITORING (AIM)
- MULTIPLE INDICATOR MONITORING OF STREAM CHANNELS & STREAMSIDE VEGETATION (MIM)
- INVERTEBRATE SAMPLING
- STREAM PHYSICAL HABITAT ASSESSMENTS
- STREAM MONITORING SITE ESTABLISHMENT
- STREAM RESTORATION
- WATER QUALITY MONITORING





WATER MONITORING

Grouse Mountain has highly trained and experienced personnel available to support and assist with your water monitoring needs. We serve a diverse array of clients and have experience handling a variety of local, state, and federal compliance issues. Our water monitoring program uses state of the art equipment and follows rigorous protocols to ensure that we provide the highest quality data to our clients and regulatory agencies.

Grouse Mountain has the expertise to support clients with the following:

- MONITORING GROUND/SURFACE WATER QUALITY FOR:
 - DISCHARGE PERMIT ISSUANCE AND COMPLIANCE
 - PRODUCED WATER PIT PERMIT CONSTRUCTION AND COMPLIANCE
 - BASELINE WATER QUALITY
- STORMWATER POLLUTION AND PREVENTION
 - INDUSTRIAL CONSTRUCTION ACTIVITIES
- WASTE WATER
 - EFFLUENT, LAND APPLICATION, AND WATER REUSE SAMPLING AND PERMITTING
- SEDIMENT SAMPLING
 - AGRICULTURAL/INDUSTRIAL EROSIONAL STUDIES
 - WATERSHED EROSIONAL STUDIES
- LABORATORY ANALYSIS CONSULTATION AND CONTRACTING
 - IDENTIFICATION OF PROPER SAMPLING CONSTITUENTS
- DATABASE MANAGEMENT AND REPORTING
 - PROPRIETARY WATER MONITORING DATABASE DEVELOPMENT
 - WATER QUALITY TREND ANALYSIS



WYOMING

760 West Fetterman Street
Buffalo, WY 82834
307-684-2112

NEW MEXICO

3600 Cerrillos Rd. Ste 407
Santa Fe, NM 87507
505-930-5166

grousemtnconsultants.com

