

# Reader's Guide to this Document

**Chapter 1. Introduction.** This chapter introduces the Proposed Resource Management Plan (RMP) and Final Environmental Impact Statement (EIS), describes the purpose and need to which the Bureau of Land Management (BLM) is responding, provides an overview of the BLM planning process, identifies planning issues and criteria, and identifies topics not addressed by this RMP revision.

**Chapter 2. Resource Management Alternatives.** Chapter 2 describes how the four alternatives (A, B, C, and D) were developed, the components and content of each alternative, and it discusses the alternatives considered but eliminated from further consideration. It also presents a comparative summary of impacts of each alternative. Resource discussions in chapters 2, 3, and 4 are organized according to the following eight resource topics:

**1000. Physical Resources** – Air Quality, Geologic Resources, Soil, Water, Cave and Karst Resources, and Lands with Wilderness Characteristics

**2000. Mineral Resources** – Locatable, Leasable, and Salable Minerals

**3000. Fire and Fuels Management** – Unplanned/Wildfire, Planned/Prescribed Fires and Other Fuels Treatments, and Stabilization and Rehabilitation

**4000. Biological Resources** – Vegetation, Fish and Wildlife, Special Status Species, and Wild Horses

**5000. Heritage and Visual Resources** – Cultural, Paleontological, and Visual

**6000. Land Resources** – Lands and Realty, Renewable Energy, Rights-of-Way and Corridors, Comprehensive Trails and Travel Management, Livestock Grazing Management, and Recreation

**7000. Special Designations** – Congressionally Designated Trails, Wilderness Study Areas, Wild and Scenic Rivers, and Areas of Critical Environmental Concern

**8000. Socioeconomic Resources** – Social and Economic Conditions, Health and Safety, Environmental Justice, and Tribal Treaty Rights

**Chapter 3. Affected Environment.** This chapter describes the Lander Field Office planning area and the existing environmental conditions that could be impacted by the alternatives.

**Chapter 4. Environmental Consequences.** Chapter 4 forms the scientific and analytic basis for comparing environmental impacts of each alternative, including the No Action Alternative. Impacts generally are described in terms of direct or indirect, short-term or long-term, and minor, moderate, or major, when applicable. Potential cumulative and unavoidable impacts and irreversible and irretrievable commitments also are discussed in this chapter.

**Chapter 5. Public Involvement, Consultation, and Coordination.** Chapter 5 describes the public involvement process, as well as other key consultation and coordination activities undertaken to prepare the EIS in support of the RMP revision. This chapter also includes a list of preparers displaying the names and qualifications of the people responsible for preparing this Proposed RMP and Final EIS. In hardcopy documents, Chapter 5 can be found on a compact disk (CD) attached to the inside back cover of Volume 2.

**Chapter 6. References.** This chapter provides full citation information for all references cited within the document. In hardcopy documents, Chapter 6 can be found on a CD attached to the inside back cover of Volume 2.

**Glossary.** The Glossary defines selected terms used throughout this document. In hardcopy documents, the Glossary can be found on a CD attached to the inside back cover of Volume 2.

**Appendices.** The appendices include documents that support existing resource conditions or situations, substantiate analyses, provide resource management guidance, explain processes, or provide information directly relevant or supporting conclusions in the Proposed RMP and Final EIS. Maps referenced in the Proposed RMP and Final EIS are included as a separate appendix. In hardcopy documents, maps and appendices can be found on a CD attached to the inside back cover of Volume 2. For CD versions of the document, maps are provided as a separate file on the CD. Electronic versions of the maps are also available on the project website: [www.blm.gov/wy/st/en/programs/Planning/rmps/lander.html](http://www.blm.gov/wy/st/en/programs/Planning/rmps/lander.html). Twenty-four appendices are included.

# Acronyms and Abbreviations

**<:**

less than

**µg/m<sup>3</sup>:**

micrograms per cubic meter

**ACEC:**

Area of Critical Environmental Concern

**AIRFA:**

American Indian Religious Freedom Act

**AML:**

Abandoned Mine Land

**AMP:**

Allotment Management Plan

**AMS:**

Analysis of the Management Situation

**ANC:**

acid neutralizing capacity

**APD:**

Application for Permit to Drill

**APHIS:**

Animal and Plant Health Inspection Service

**AQD:**

Air Quality Division

**AQRV:**

Air Quality Related Values

**ARPA:**

Archeological Resources Protection Act

**ASCS:**

Agricultural Stabilization and Conservation Service

**AUM:**

animal unit month

**BA:**

Biological Assessment

**BACT:**  
Best Available Control Technology

**bbf:**  
barrel

**BCF:**  
billion cubic feet

**BEA:**  
Bureau of Economic Analysis

**BIA:**  
Bureau of Indian Affairs

**BLM:**  
Bureau of Land Management

**BLS:**  
Bureau of Labor Statistics

**BMP:**  
best management practice

**BOR:**  
Bureau of Reclamation

**BP:**  
Before Present

**CAA:**  
Clean Air Act

**CBNG:**  
coalbed natural gas

**CDC:**  
Continental Divide-Creston

**CDNST:**  
Continental Divide National Scenic Trail

**CEQ:**  
Council on Environmental Quality

**CFR:**  
Code of Federal Regulations

**CH<sub>4</sub>:**  
methane

**CIAA:**  
Cumulative Impact Assessment Area

**CO:**  
carbon monoxide

**CO<sub>2</sub>:**  
carbon dioxide

**COA:**  
Conditions of Approval

**CPW:**  
Citizen Proposed Wilderness

**CREG:**  
Consensus Revenue Estimating Group

**CRM:**  
Coordinated Resource Management

**CSU:**  
Controlled Surface Use

**CUA:**  
common use area

**CWA:**  
Clean Water Act

**CY:**  
cubic yard

**dBA:**  
A-weighted decibels

**DCCD:**  
Dubois-Crowheart Conservation District

**DDA:**  
Designated Development Area

**DEQ:**  
Department of Environmental Quality

**DOE:**  
United States Department of Energy

**DOI:**  
United States Department of the Interior

**DOR:**  
Department of Revenue

**EA:**  
Environmental Assessment

**EIA:**  
Energy Information Administration

**EIS:**  
Environmental Impact Statement

**EPA:**  
United States Environmental Protection Agency

**ERMA:**  
Extensive Recreation Management Areas

**ES&R:**  
Emergency Stabilization and Rehabilitation

**ESA:**  
Endangered Species Act

**FCRPA:**  
Federal Cave Resources Protection Act

**FLPMA:**  
Federal Land Policy and Management Act

**FMP:**  
Fire Management Plan

**FMU:**  
Fire Management Unit

**FR:**  
Federal Register

**FRCC:**  
Fire Regime Condition Class

**FRG:**  
Fire Regime Group

**FRO:**  
Final Reclamation Objective

**GCRP:**  
Global Change Research Program

**GHG:**  
greenhouse gas

**GIS:**  
Geographic Information System

**GWP:**  
Global Warming Potential

**H<sub>2</sub>S:**  
hydrogen sulfide

**H<sub>2</sub>SO<sub>4</sub>:**  
sulfuric acid

**HAP:**  
Hazardous Air Pollutant

**HMA:**  
Herd Management Area

**HMAP:**  
Herd Management Area Plan

**HMP:**  
Habitat Management Plan

**HNO<sub>3</sub>:**  
nitric acid

**HUC:**  
Hydrologic Unit Code

**IBA:**  
Important Bird Area

**IM:**  
Instruction Memorandum

**IMPLAN:**  
Impact Analysis for Planning

**IMPROVE:**  
Interagency Monitoring of Protected Visual Environments

**INNS:**  
invasive nonnative species

**IPCC:**  
Intergovernmental Panel on Climate Change

**IPM:**  
Integrated Pest Management

**IRO:**  
Interim Reclamation Objective

**ISR:**  
in situ recovery

**kg/ha/yr:**  
kilograms per hectare per year

**KLA:**  
Known Leasing Area

**LAC:**  
Limits of Acceptable Change

**LAU:**  
Lynx Analysis Unit

**lb:**  
pound

**LRP:**  
Limited Reclamation Potential

**MACT:**  
Maximum Achievable Control Technology

**MBTA:**  
Migratory Bird Treaty Act

**mcf:**  
thousand cubic feet

**mg/L:**  
micrograms per liter

**MLP:**  
Master Leasing Plan

**MLRA:**  
Major Land Resource Area

**MMBF:**  
million board feet

**MMBNGL:**  
million barrels of natural gas liquid

**MMBO:**  
million barrels of oil

**MMt:**  
million metric tons

**MOA:**  
Memorandum of Agreement

**MOU:**  
Memorandum of Understanding

**mph:**  
miles per hour

**MW:**

Megawatt

**N<sub>2</sub>O:**

nitrous oxide

**NAAQS:**

National Ambient Air Quality Standards

**NADP:**

National Atmospheric Deposition Program

**NAGPRA:**

Native American Graves Protection and Repatriation Act

**NASS:**

National Agricultural Statistics Service

**NCA:**

National Conservation Area

**NCSL:**

National Conference of State Legislatures

**NEPA:**

National Environmental Policy Act

**NH<sub>3</sub>:**

ammonia

**NH<sub>4</sub>:**

ammonium

**NHL:**

National Historic Landmark

**NHPA:**

National Historic Preservation Act

**NHT:**

National Historic Trail

**NISC:**

National Invasive Species Council

**NLCS:**

National Landscape Conservation System

**NNL:**

National Natural Landmark

**NO<sub>2</sub>:**

nitrogen dioxide

**NO<sub>3</sub>:**  
nitrate

**NOA:**  
Notice of Availability

**NOAA:**  
National Oceanic and Atmospheric Administration

**NOI:**  
Notice of Intent

**NOLS:**  
National Outdoor Leadership School

**NO<sub>x</sub>:**  
nitrogen oxides

**NPS:**  
National Park Service

**NRCS:**  
Natural Resources Conservation Service

**NREL:**  
National Renewable Energy Laboratory

**NRHP:**  
National Register of Historic Places

**NSO:**  
No Surface Occupancy

**NSRE:**  
National Survey on Recreation and the Environment

**NSS:**  
Native Species Status

**NST:**  
National Scenic Trail

**NTMC:**  
National Trails Management Corridor

**NTSA:**  
National Trails System Act

**NTT:**  
National Technical Team

**NWSRS:**  
National Wild and Scenic River System

**O&M:**  
operations and maintenance

**O<sub>3</sub>:**  
ozone

**OHV:**  
off-highway vehicle

**ORV:**  
Outstandingly Remarkable Value

**OSA:**  
Outside Service Area

**P.L.:**  
Public Law

**Pb:**  
lead

**PEIS:**  
Programmatic Environmental Impact Statement

**PFC:**  
Proper Functioning Condition

**PFYC:**  
Potential Fossil Yield Classification

**PM<sub>10</sub>:**  
particulate matter less than 10 microns in diameter

**PM<sub>2.5</sub>:**  
particulate matter less than 2.5 microns in diameter

**ppb:**  
parts per billion

**ppm:**  
parts per million

**PSD:**  
Prevention of Significant Deterioration

**R.S.:**  
Revised Statute

**R&PP:**  
Recreation and Public Purposes

**RAAT:**  
Reduced Agent Area Treatment

**REA:**  
Recreation Enhancement Act

**REL:**  
Reference Exposure Level

**RFD:**  
Reasonable Foreseeable Development

**RHT&EH:**  
Regional Historic Trails and Early Highways

**RMP:**  
Resource Management Plan

**RMZ:**  
Recreation Management Zone

**ROD:**  
Record of Decision

**ROS:**  
Recreation Opportunity Spectrum

**ROW:**  
Right-of-Way

**RVD:**  
Recreation Visitor Day

**SGIT:**  
Sage-grouse Implementation Team

**SHPO:**  
State Historic Preservation Office

**SLAMS:**  
State and Local Air Monitoring Station

**SO<sub>2</sub>:**  
sulfur dioxide

**SO<sub>4</sub>:**  
sulfate

**SPM:**  
Special Purpose Monitoring

**SRMA:**  
Special Recreation Management Area

**SRP:**  
Special Recreation Permit

**SVR:**  
Standard Visual Range

**SWAP:**  
Source Water Assessment Program

**TCFG:**  
trillion cubic feet of gas

**TCP:**  
Traditional Cultural Property

**TDS:**  
Total Dissolved Solids

**TLS:**  
Timing Limitation Stipulation

**TMDL:**  
Total Maximum Daily Load

**U.S.:**  
United States

**U.S.C.:**  
United States Code

**UIC:**  
Underground Injection Control

**USDA:**  
United States Department of Agriculture

**USFS:**  
United States Forest Service

**USFWS:**  
United States Fish and Wildlife Service

**USGS:**  
United States Geological Survey

**VOC:**  
volatile organic compound

**VRI:**  
Visual Resource Inventory

**VRM:**  
Visual Resource Management

**WAAQS:**  
Wyoming Ambient Air Quality Standards

**WAFWA:**  
Western Association of Fish and Wildlife Agencies

**WARMS:**  
Wyoming Air Resource Monitoring System

**WGFD:**  
Wyoming Game and Fish Department

**WHMA:**  
Wildlife Habitat Management Area

**WHMP:**  
Wild Horse Management Plan

**WIA:**  
Wyoming Infrastructure Authority

**WLSO:**  
Wyoming Legislative Service Office

**WMA:**  
Wildlife Management Area

**WMP:**  
Watershed Management Plan

**WNV:**  
West Nile virus

**WO:**  
Washington Office

**WRAP:**  
Western Regional Air Partnership

**WRIR:**  
Wind River Indian Reservation

**WSA:**  
Wilderness Study Area

**WSGS:**  
Wyoming State Geological Survey

**WSR:**  
Wild and Scenic River

**WTT:**  
Wyoming Travel and Tourism

**WUI:**  
wildland-urban interface

**WYPDES:**  
Wyoming Pollutant Discharge Elimination System

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