

APPENDIX C

RMP MANAGEMENT OBJECTIVES

**GREEN RIVER RESOURCE MANAGEMENT PLAN
OBJECTIVES AND ACTIONS APPLICABLE TO THE HORSESHOE BASIN SEISMIC SURVEY EA**

Resource	Objectives and Actions
AIR QUALITY MANAGEMENT	AIR-1–MANAGEMENT OBJECTIVES: (1) To maintain and, where possible, enhance present air quality levels; (2) to protect public health and safety and sensitive natural resources; and (3) within the scope of BLM’s authority, minimize emissions which may add to acid rain, cause violations of air quality standards, or reduce visibility.
CULTURAL AND PALEONTOLOGICAL MANAGEMENT	<p>CULT-1–MANAGEMENT OBJECTIVES: (1) To expand the opportunities for scientific study, and educational and interpretive uses of cultural and paleontological resources; (2) To protect and preserve important cultural and paleontological resources and/or their historic record for future generations.</p> <p>CULT 2 – MANAGEMENT ACTIONS: Sites eligible for or listed on the National Register of Historic Places (NRHP) will be managed for their local, regional, and national significance, under the guidelines of the National Historic Preservation Act (especially sections 106 and 110) and the Archeological Resources Protection Act (ARPA). These sites will be managed to ensure against adverse effects through proper mitigation, if disturbance or destruction is not avoidable. Management prescriptions for sites that are not eligible for the NRHP will be determined on a case-by-case basis according to values involved.</p> <p>CULT-5–Motorized vehicles, such as those used for geophysical exploration, or large heavy vehicles such as buses used in recreational tours or similar activities, could cross and drive down the trails provided a site-specific analysis determines that no adverse effects will occur.</p> <p>CULT-6 - Geophysical activities such as shot holes, blasting, and vibroseis locations could, generally, be allowed, provided they are at least 300 feet from the trail, do not occur directly on the trail, and a site specific analysis determines that visual intrusions and adverse effects will not occur.</p> <p>CULT-11–Management of historic roads and trails that are eligible for the NRHP but are not Congressionally designated will generally be the same as for designated trails including a 1/4 mile protective setback on either side of the trails.</p> <p>CULT-12 – Various Expansion Era (i.e., 1870-1940) roads will be managed according to their historical context.</p> <p>CULT-29 – Management need for other cultural sites will be determined on a case-by-case basis according to their resource values.</p>
PALEONTOLOGICAL RESOURCES	CULT-30–Significant paleontological resources will be managed for their scientific and educational values and in accordance with 43 CFR 3600, 43 CFR 3622, and 43 CFR 8365.

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HAZARDOUS MATERIALS MANAGEMENT	<p>HAZ-1 – MANAGEMENT OBJECTIVES: The objectives for management of hazardous materials and waste are to: 1) protect public and environmental health and safety on BLM-administered public lands; 2) comply with applicable federal and state laws; 3) prevent waste contamination due to any BLM-authorized actions; 4) minimize federal exposure to the liabilities associated with waste management on public lands; and 5) integrate hazardous materials and waste management policies and controls into all BLM programs.</p> <p>HAZ-2–MANAGEMENT ACTIONS: For BLM-authorized activities that involve hazardous materials or their use, precautionary measures will be used to guard against releases or spills into the environment. If safety hazards are identified as a result of hazardous waste spills on BLM-administered public lands, BLM would provide appropriate warnings to the public.</p> <p>HAZ-3–BLM-administered public land sites contaminated with hazardous wastes will be reported, secured, and cleaned up according to applicable federal and state regulations and contingency plans. Parties responsible for contamination will be liable for cleanup and resource damage costs, as prescribed in federal and state regulations.</p>
LANDS AND REALTY MANAGEMENT	<p>LANDS-1–MANAGEMENT OBJECTIVES: (1) To manage the public lands to support the goals and objectives of other resource programs, (2) To respond to public demand for land use authorizations, and (3) To acquire administrative and public access where necessary.</p>
MINERALS MANAGEMENT Fluid Leasables	<p>FLMINS-1 – MANAGEMENT OBJECTIVE: The objective for management of BLM-administered federal minerals is to maintain or enhance opportunities for mineral exploration and development while protecting other resource values. The objective for management of oil and gas resources is to provide for leasing, exploration, and development of oil and gas while protecting other values.</p> <p>FLMINS-3 – MANAGEMENT OBJECTIVE: The objective for management of oil and gas resources is to provide for leasing, exploration, and development of oil and gas, while protecting other values.</p> <p>FLMINS-4 – MANAGEMENT ACTION: BLM-administered public lands not specifically closed are open to consideration of oil and gas leasing.</p> <p>FLMINS-5 - MANAGEMENT ACTION: The remainder of the public lands in the planning area is open to consideration for oil and gas leasing with appropriate mitigation measures. Table 7 provides information on which restrictions apply to particular actions and land uses to protect resource values in certain areas. This table provides guidelines for all surface disturbing activities, not just those related to oil and gas exploration and development activities.</p> <p>FLMINS-6 – MANAGEMENT ACTION: Where maximum protection of resources is necessary, a No Surface Occupancy requirement will be imposed. Additional areas may be identified through site-specific environmental analysis and activity planning.</p> <p>FLMINS-7 – MANAGEMENT ACTION: Timing limitations (seasonal restrictions) will be applied when activities occur during crucial periods or would adversely affect crucial or sensitive resources. Such resources include, but are not limited to, soils during wet and muddy periods, crucial wildlife seasonal use areas, and raptor nesting areas. Exceptions to seasonal restrictions may be granted.</p>

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<p>MINERALS MANAGEMENT Geophysical</p>	<p>GEMINS-1 - MANAGEMENT OBJECTIVE: The objective for management of geophysical exploration activities is to provide opportunity for exploration of mineral resources and collection of geophysical data, while protecting other resource values.</p> <p>GEMINS-2 - MANAGEMENT ACTION: Most of the planning area is open to consideration of geophysical activities except where off-road vehicle use or explosive charges would cause unacceptable impacts.</p> <p>GEMINS-3 - MANAGEMENT ACTION: Geophysical activities will generally be required to conform to the ORV designations and ORV management prescriptions for the planning area (see Off-Road Vehicle Management). However, geophysical exploration has been and will continue to be routinely granted site specific authorization for off-road vehicle use subject to appropriate limitations to protect various resources identified during analysis of proposed actions. Geophysical Notices of Intent will continue to be evaluated on a case-by-case basis, and all authorizations will be issued with appropriate analysis and mitigation requirements (see Appendix 5-1).</p> <p>GEMINS-4 - MANAGEMENT ACTION: Geophysical activities will be restricted or prohibited within 1/4 mile or visual horizon of historic trails (whichever is closer) to protect trail integrity. Vehicles used for geophysical exploration or similar activities could be allowed to cross and drive down historic trails, provided a site specific analysis determines that no adverse effects would occur.</p> <p>GEMINS-5 - MANAGEMENT ACTION: Generally, shot holes and vibroseis activity will be restricted or disallowed within 300 feet of historic and recreational trails; however, exceptions may be allowed if supported by a site specific analysis.</p>
<p>ORV MANAGEMENT</p>	<p>ORV-1 - MANAGEMENT OBJECTIVE: The objective for ORV management is to provide opportunity for off-road vehicle use in conformance with other resource management objectives.</p> <p>OHV-4 - MANAGEMENT ACTION: In areas designated as either “limited” to designated roads and trails, or “limited” to existing roads and trails for OHV use, motorized vehicles must stay on designated or existing roads and trails, unless allowed an exception by the authorized officer. This limitation applies to all activities involving motorized vehicles. Except for areas that are closed to OHV travel, some types of off-highway motor vehicle use may be allowed by the authorized officer provided resource damage does not occur.</p> <p>OHV-5 - MANAGEMENT ACTION: Vehicular travel in crucial and important wildlife habitats (strutting grounds, spawning beds, big game ranges, etc.) and during crucial and important periods (such as calving/fawning periods) will be restricted seasonally as necessary.</p> <p>OHV-6 - MANAGEMENT ACTION: Vehicular travel is restricted to designated roads in sensitive watersheds and in cultural site management areas.</p>
<p>RECREATION RESOURCE MANAGEMENT</p>	<p>REC-1 - MANAGEMENT OBJECTIVE: The objectives for recreation management are to: 1) ensure the continued availability of outdoor recreational opportunities sought by the public while protecting other resources; 2) meet legal requirements for the health and safety of visitors; and 3) mitigate conflicts between recreation and other types of resource uses.</p>

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SPECIAL STATUS SPECIES MANAGEMENT General	SSP-1 – MANAGEMENT OBJECTIVES: The objectives for management of special status plant and animal species are to: 1) maintain or enhance essential and important habitat and prevent destruction or loss of the species' communities and important habitat; 2) provide opportunities for enhancing or expanding the habitat; and 3) prevent the need for listing these species as threatened or endangered.
SPECIAL STATUS SPECIES MANAGEMENT Plants	<p>SSP-2 – MANAGEMENT ACTION: Any management actions on potential habitat of special status plant species communities on federal land or on split-estate lands (i.e., nonfederal land surface ownership with BLM-administered federal minerals ownership) will require searches for the plant species prior to project or activity implementation to determine the locations of special status plant species and essential and/or important habitats. Special status plant populations are closed to activities that could adversely affect these species and their habitat. Management requirements in habitat areas may include prohibiting or limiting motorized vehicle use, surface uses, and explosive charges or any other surface disturbing or disruptive activity that may cause adverse effects to the plants.</p> <p>SSP-3 – MANAGEMENT ACTION: Known locations of special status plant species communities will be protected and closed to the following activities:</p> <ol style="list-style-type: none"> 1. Surface disturbing activities or any disruptive activity that could adversely affect the plants or their habitat 2. Location of new mining claims (withdrawal from mineral location and entry under the land laws will be pursued) 3. Mineral material sales 4. All OHV use, including those vehicles used for geophysical exploration activities and surveying 5. The use of explosives and blasting. <p>SSP-3 –Should new special status plant species be identified, they will be managed under the same prescriptions described above for the known species.</p> <p>SSP-8 – MANAGEMENT ACTION: Management prescriptions for threatened and endangered species and proposed threatened and endangered species will be developed on a case-by-case basis in consultation with the U.S. Fish and Wildlife Service.</p>
VEGETATION MANAGEMENT General	VEG-1 – MANAGEMENT OBJECTIVES: (1) To maintain or enhance vegetation community health, composition, and diversity to meet watershed, wild horse, wildlife, and livestock grazing resource management objectives; and (2) To provide for plant diversity (desired plant communities).
VEGETATION MANAGEMENT Riparian	<p>VEG-2 – MANAGEMENT ACTION: Riparian habitat will be maintained, improved, or restored to provide wildlife and fish habitat, improve water quality, and enhance forage conditions. Where possible, acquisition of additional riparian area acreage will be pursued to enhance riparian area management.</p> <p>VEG-3 – MANAGEMENT ACTION: The minimum management goal for riparian areas is to achieve proper functioning condition. This is considered the first priority for vegetation management. Desired plant communities must meet the criteria for proper functioning condition.</p>

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<p>VISUAL RESOURCE MANAGEMENT</p>	<p>VRM-1 – MANAGEMENT OBJECTIVES: The objectives for management of visual resources are to: 1) maintain or improve scenic values and visual quality; and 2) establish priorities for managing the visual resources in conjunction with other resource values.</p> <p>VRM-3–MANAGEMENT ACTION: Visual resource classes will be retained or modified to enhance other resource objectives such as those for cultural resource and recreation management, wild horse viewing, and special management areas.</p> <p>VRM-5 – MANAGEMENT ACTION: Management actions on public lands with a Class III visual resource management classification must be designed to partially retain the existing character of the landscape.</p> <p>VRM-7 – MANAGEMENT ACTION: All surface disturbing actions, regardless of the visual resource management class, are required to be mitigated to reduce visual impacts. This will be achieved by designing and locating the disturbances in a manner that most closely meets the minimum degree of contrast acceptable for the visual resource management class.</p>
<p>WATERSHED/SOILS MANAGEMENT</p>	<p>WATER-1 – MANAGEMENT OBJECTIVES: (1) To stabilize and conserve soils; (2) To increase vegetative production; (3) To maintain or improve surface and ground water quality; and (4) To protect, maintain, or improve wetlands, floodplains, and riparian areas.</p> <p>WATER-2 – MANAGEMENT ACTION: Land uses and surface disturbing activities will be designed to reduce erosion and to maintain or improve water quality. Management in damaged wetland and riparian areas will be directed toward restoration to pre-disturbance conditions.</p> <p>WATER-3 - MANAGEMENT ACTION: Management will emphasize maintaining and improving drainage channel stability.</p> <p>WATER-4 - MANAGEMENT ACTION: Areas where the soils are highly erodible or difficult to reclaim will receive increased attention, and are avoidance areas for surface disturbing activities.</p> <p>WATER-6 - MANAGEMENT ACTION: Site specific activity and implementation plans (to reduce erosion and sediment yield, promote ground cover, enhance water quality) will be prepared for areas where needed.</p> <p>WATER-7 – MANAGEMENT ACTION: Activity and implementation plans for other land and resource uses and areas will include general watershed management directives and will incorporate sediment reduction and water quality improvement objectives. Priority areas (particularly for development of AMPs) include Upper Bitter Creek, Four J Basin, Vermillion Creek, and Upper Salt Wells watersheds.</p> <p>WATER-8 - MANAGEMENT ACTION: Wetlands and floodplains within the planning area will be managed in accordance with Executive Orders 11988 and 11990.</p> <p>WATER-10 - MANAGEMENT ACTION: Surface disturbing and construction activities (e.g., mineral exploration and development activities, pipelines, powerlines, roads, recreation sites, fences, wells, etc.) that could adversely affect water quality, and wetland and riparian habitat, will avoid the area within 500 feet of or on 100-year floodplains, wetlands, or perennial streams and within 100 feet of the edge of the inner gorge of intermittent and large ephemeral drainages. Proposals for linear crossings in these areas will be considered on a case-by-case basis.</p> <p>WATER-11 - MANAGEMENT ACTION: Practices, determined on a case-by-case basis, will be implemented as needed to protect groundwater and prevent soil contamination.</p> <p>WATER-12 – MANAGEMENT ACTION: Aquifer recharge areas will be managed to protect ground water quality and to ensure continued ability for recharging aquifers. Protection will be provided by limiting road density and surface occupancy to</p>

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	maintain a healthy recharge area. Vegetative cover and geologic soil conditions that are conducive to ground water recharge will be maintained.
WILDLIFE MANAGEMENT	<p>WLIFE-1 – MANAGEMENT OBJECTIVES: (1) To maintain, improve, or enhance the biological diversity of plant and wildlife species while ensuring healthy ecosystems, and (2) To restore disturbed or altered habitat, with the objective of attaining desired native plant communities, while providing for wildlife needs and soil stability.</p> <p>WLIFE-2 – MANAGEMENT ACTION: The objectives for management of wetlands/riparian areas are (1) To achieve a healthy and productive condition for long-term benefits and values in concert with range, watershed, and wildlife needs; and (2) To enhance or maintain riparian habitats by managing for deep-rooted native herbaceous or woody vegetation.</p> <p>WLIFE-3 – MANAGEMENT ACTION: The objective for management of threatened, endangered, special status, and sensitive plant and animal species is to provide, maintain, or improve habitat through vegetative manipulation, mitigation measures, or other management actions, including habitat acquisition and easements.</p> <p>WLIFE-5 – MANAGEMENT ACTION: High-value wildlife habitats will be maintained or improved by reducing habitat loss or alteration and by applying appropriate distance and seasonal restrictions and rehabilitation standards to all appropriate activities. These habitats include crucial winter habitat, parturition areas, and sensitive fisheries habitat.</p> <p>WLIFE-6 – MANAGEMENT ACTION: Big game crucial winter ranges and parturition areas will be protected to ensure continued usability by limiting activities during critical seasons of use and by limiting the amount of habitat disturbed.</p> <p>WLIFE 7 – MANAGEMENT ACTION: Grouse breeding and nesting areas will be protected.</p> <p>WLIFE 9 – MANAGEMENT ACTION: To protect breeding grouse, disruptive activities will avoid occupied grouse leks from 8PM to 8AM daily. The actual area to be avoided and appropriate timeframe (usually from March 1 through May 15) will be determined on a case-by-case basis. The avoidance area size (usually within ¼ to ½ mile of the lek) may vary depending on natural topographic barriers, terrain, line of sight distance, etc.</p> <p>WLIFE 10 – MANAGEMENT ACTION: To protect grouse nesting habitat, seasonal restrictions will apply within appropriate distances from the grouse lek. Appropriate distances (up to two miles) and time frames (usually from March 15 through July 15) will be determined on a case-by-case basis (Table 8). Exceptions to seasonal restrictions may be granted, provided the criteria in Appendix 7 can be met.</p> <p>WLIFE-11 – MANAGEMENT ACTION: Active and historic raptor nesting sites will be protected and managed for continued nesting activities. An active raptor nest is one that has been occupied within the past 3 years; an historic nesting site is an area of high topographic relief, particularly cliff areas, known to have supported concentrations of nesting raptors</p> <p>WLIFE-13 – MANAGEMENT ACTION: Nesting raptors will be protected through restricting disruptive activities seasonally within a one-half-mile to 1-mile radius of occupied raptor nesting sites.</p> <p>WLIFE-14 – MANAGEMENT ACTION: Raptor nest surveys will be conducted within a 1-mile radius or linear distance of proposed surface uses or activities, if such activities are proposed to be conducted during raptor nesting seasons (usually between February 1 and July 31).</p>

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<p>OTHER MANAGEMENT AREAS Pine Mountain</p>	<p>PMMA-1 – MANAGEMENT OBJECTIVE: The area is not designated as an ACEC, but will be maintained as a geographic management unit (areas where activities are managed to ensure the combination of resource values is adequately maintained.)</p> <p>PMMA-2 – MANAGEMENT OBJECTIVE: The management objectives for the area are to: 1) improve watershed condition and enhance watershed values; 2) improve riparian areas to proper functioning condition, as a minimum; 3) provide opportunities for dispersed recreation uses in the area consistent with the primary watershed, riparian, and wildlife objectives; 4) maintain and protect important wildlife habitat, especially raptor habitat; and 5) reduce erosion.</p> <p>PMMA-3 – MANAGEMENT ACTION: The Pine Mountain area will be managed as an avoidance area for rights-of-way and surface disturbing activities.</p> <p>PMMA-4 - MANAGEMENT ACTION: The area is open to mineral leasing and related exploration and development activities with appropriate mitigation requirements (controlled surface use) applied to protect all other resource values.</p> <p>PMMA-6 - MANAGEMENT ACTION Reintroduction of Colorado River cutthroat trout and other native species will be considered, if consistent with watershed and riparian objectives.</p> <p>PMMA-7 - MANAGEMENT ACTION Activities that preclude the achievement or maintenance of proper functioning condition of uplands and riparian areas, and achievement of other management objectives are prohibited.</p> <p>PMMA-8 - MANAGEMENT ACTION Any increase in vegetative production will be reserved for watershed stabilization and improvement purposes.</p> <p>PMMA-10 - MANAGEMENT ACTION Management of habitat for special status species, if identified, will be developed on a case-by- case basis.</p> <p>PMMA-11 - MANAGEMENT ACTION Restrictions for protection of raptors, big game crucial winter range, and big game calving/fawning areas will apply</p> <p>PMMA-13 - MANAGEMENT ACTION Aquifer recharge zones in the area will be managed to protect groundwater quality and aquifer function (Map 26).</p> <p>PMMA-16 - MANAGEMENT ACTION The entire area will be managed consistent with the Class III visual resource management classification.</p> <p>PMMA-19 - MANAGEMENT ACTION Off-road vehicle travel is limited to designated roads and trails.</p> <p>PMMA-20- MANAGEMENT ACTION The area is open to consideration of activities that conform to objectives for the area.</p>