

Wyoming Resource Concerns and Quality Criteria				
Resource Concern	Description of Concern	Quality Criteria	Measurement Units	Assessment Tools
<b>ANIMALS</b>				
<b>Fish and Wildlife – Inadequate Food</b>	Quantity and quality of food are unavailable to meet the life history requirements of the species or guild of species of concern	<u>National</u> - Food availability meets the life history requirements of the species or guild of species of concern. <u>Wyoming</u> - Wildlife Habitat Evaluation Guide index is 0.5 or greater	Non Measurable; based on habitat evaluation guide	<ul style="list-style-type: none"> <li>Wildlife Habitat Evaluation Guide</li> </ul>
<b>Fish and Wildlife – Inadequate Cover/Shelter</b>	Cover/shelter for the species or guild of species of concern is unavailable or inadequate. This includes lack of hiding, thermal, and/or refuge cover.	<u>National</u> - The ecosystem or habit types support the necessary plant species in the kinds, amounts, and physical structure; and the connectivity of fish and wildlife cover is adequate to support, over time, the species or guild of species of concern. <u>Wyoming</u> - Wildlife Habitat Evaluation Guide index is 0.5 or greater	Non Measurable; based on habitat evaluation guide	<ul style="list-style-type: none"> <li>Wildlife Habitat Evaluation Guide</li> </ul>
<b>Fish and Wildlife – Inadequate Water</b>	The quantity and quality of water is unacceptable for the species or guild of species of concern.	<u>National</u> - The quantity and quality of water meets the life history requirements of the species or guild of species of concern. <u>Wyoming</u> - Wildlife Habitat Evaluation Guide index is 0.5 or greater	Non Measurable; based on habitat evaluation guide	<ul style="list-style-type: none"> <li>Wildlife Habitat Evaluation Guide</li> </ul>
<b>Fish and Wildlife – Inadequate Space</b>	Lack of area and fragmentation of areas disrupt life history requirements of the species or guild of species of concern	<u>National</u> - Adequate area and connectivity of areas meet life history requirements of the species of concern. (Examples: staging areas for rest and feeding, lekking areas for breeding, migratory movement corridors) <u>Wyoming</u> - Wildlife Habitat Evaluation Guide index is 0.5 or greater	Non Measurable; based on habitat evaluation guide	<ul style="list-style-type: none"> <li>Wildlife Habitat Evaluation Guide</li> </ul>
<b>Fish and Wildlife - Habitat Fragmentation</b>	Habitat has insufficient structure, extent, and connectivity to provide ecological functions and/or achieve management objectives.	<u>National</u> - Fish and wildlife habitats are connected and are maintained sufficiently to support the species or guild of species of concern.	Non Measurable	<ul style="list-style-type: none"> <li>Visual Assessment</li> </ul>

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<b>Fish and Wildlife - Imbalance Among and Within Populations</b>	Populations are not in proportion to available quantities and qualities of food (plants, predator/prey), cover/shelter, water, and space and other life history requirements.	<u>National</u> - Land and water use and management are consistent with direct population management activities conducted by fish and wildlife agencies.	Non Measurable	<ul style="list-style-type: none"> <li>Fish and wildlife agency guidance</li> </ul>
<b>Fish and Wildlife – Threatened and Endangered Fish and Wildlife Species – Fish and Wildlife Species Listed or Proposed for Listing under the Endangered Species Act</b>	The site includes individuals, habitat or potential habitat for one or more fish or wildlife species listed or proposed for listing under the Endangered Species Act.	<u>National</u> - Populations and/or habitats of Threatened and endangered fish and wildlife species and/or habitats they occupy are managed to maintain, increase or improve current populations, health, or sustainability.	Non Measurable	<ul style="list-style-type: none"> <li>US Fish and Wildlife Service county endangered species lists</li> <li>Fish and wildlife recovery plans</li> </ul>
<b>Fish and Wildlife – Threatened and Endangered Species: Declining Species, Species of Concern</b>	The site includes individuals, habitat or potential habitat for one or more fish or wildlife species that the State or Tribal government with jurisdiction, or the State Technical Committee, has identified as a species of concern. This includes fish and wildlife species that have been identified as candidates for listing under the Endangered Species Act.	Populations and/or habitats of fish and wildlife species of concern are managed to maintain, increase or improve current populations, health, or sustainability.	Non Measurable	<ul style="list-style-type: none"> <li>US Fish and Wildlife Service lists of plant candidate species</li> <li>Wyoming Game and Fish Department list of fish and wildlife species with Native Species Status (NSS) ratings of 1 or 2</li> </ul>

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<b>Domestic Animals – Inadequate Quantities and Quality of Feed and Forage</b>	Total feed and forage is insufficient to meet the nutritional and production needs of the kinds and classes of livestock	<u>National</u> - Feed and forage including supplemental nutritional requirements are provided to meet production goals for the kinds and classes of livestock. Native grazers are factored into the total feed and forage balance computations.	Non Measurable	<ul style="list-style-type: none"> <li>• National Range and Pasture Handbook</li> <li>• Grazing Lands Application (GLA) software</li> <li>• Nutritional Balance Program (NUTBAL)</li> <li>• NIRS/Nutritional Balance Profile Program (NUTBAL Pro)</li> <li>• Forage quality laboratory analysis</li> <li>• Forage Balance Worksheet</li> </ul>
<b>Domestic Animals – Inadequate Shelter</b>	Livestock are not protected sufficiently to meet the production goals for the kinds and classes of livestock	<u>National</u> - Artificial and/or natural shelter is provided to meet production goals for the kinds and classes of livestock.	Non Measurable	<ul style="list-style-type: none"> <li>• National Range and Pasture Handbook</li> <li>• Client interview</li> <li>• Visual Assessment</li> </ul>
<b>Domestic Animals – Inadequate Stock Water</b>	The quantity, quality and distribution of drinking water is insufficient to meet the production goals for the kinds and classes of livestock	<u>National</u> - Sufficient water of acceptable quality is provided and adequately distributed to meet production goals for the kinds and classes of livestock. To reduce potential for water contamination, watering facilities are constructed or modified to minimize mortality to indigenous wildlife. <u>Wyoming</u> - Domestic animals are provided sufficient quantity and quality of water to meet daily needs.	Non Measurable	<ul style="list-style-type: none"> <li>• National Range and Pasture Handbook</li> <li>• Client interview</li> <li>• Visual Assessment</li> </ul>
<b>Domestic Animals - Stress and Mortality</b>	Animals exhibit illness or death from disease, parasites, insects, poisonous plants, or other factors	<u>National</u> - Land and water use and management are consistent with activities conducted to alleviate stress and mortality factors.	Non Measurable	<ul style="list-style-type: none"> <li>• State and Local Animal Welfare and Mortality Management Regulations</li> </ul>