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**U.S. Department of the Interior
Bureau of Land Management
Kremmling Field Office
P.O. Box 68
Kremmling, CO 80459**

ENVIRONMENTAL ASSESSMENT

NUMBER: DOI-BLM-CO-120-2009-0010-EA

PROJECT NAME: Renewal of Livestock Grazing Permit # 051820 for Troublesome Valley Ranch on Allotments 07538 (RCA), 07580 (Monument Creek), 07581 (Watson), and 07582 (Becker)

LEGAL DESCRIPTION: Kremmling Field Office (KFO) administered land includes all or part of the following:

07568 (RCA)

T.1N., R.80W., Sec. 1-5, 9-11

T.1½ N., R.80W., Sec. 32-35

T.2N., R.80W., Sec. 27-35

07580 (Monument Creek)

T.3N., R.79W., Sec. 18, 19, 30, 31

T.3N., R.80W., Sec. 13, 24, 25

07581 (Watson)

T.2N., R.79W., Sec. 21

07582 (Becker)

T.2N., R.80W., Sec. 25

APPLICANT: Carol and Pete Petersen of Troublesome Valley Ranch

PURPOSE AND NEED FOR THE ACTION:

Troublesome Valley Ranch's livestock grazing permit # 051820 that authorizes grazing on allotments 07568 (RCA), 07580 (Monument Creek), 07581 (Watson), and 07582 (Becker) expires on February 28, 2009. Troublesome Valley Ranch has applied to renew its livestock grazing permit. The permit is subject to renewal at the discretion of the Secretary of the Interior for a period of up to 10 years. Renewal of this livestock grazing permit would allow the Troublesome Valley Ranch to continue grazing on their designated allotments for a period of 10 years beginning on March 1, 2009.

DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES:

Background/Introduction/Issues and Concerns:

During the 1999 permit renewal process, Allotment 07568 (RCA) was assessed for compliance with the Standards for Public Land Health in Colorado (Standards). It was determined at that time that the YX Pasture (815 acres) was not in compliance with Standard # 3 (upland vegetation and wildlife) because the pasture contained too much crested wheatgrass (*Agropyron cristatum*) and bare soil. The remaining 6105 acres in the allotment was determined to be in compliance with the Standards. A rest rotation grazing system was implemented at that time as the appropriate action to bring the allotment into compliance with the Standards. Following the initial Standards assessments that began in 1999, guidance came out concerning seeded areas as compared to the expected natural vegetation community. The guidance allowed for a higher percentage of the seeded species to be growing in the area and it would still be in compliance with Standard # 3 (upland vegetation and wildlife). The area that failed Standard # 3 in Allotment 07568 (RCA) would fall into this category. To assess the results of the changes to the grazing system and to meet the requirements of the National Environmental Policy Act (NEPA) and the Kremmling Field Office RMP, Allotment 07568 (RCA) was reassessed for compliance with the Standards on June 9, 2006. An interdisciplinary (ID) team from the Kremmling Field Office agreed the entire allotment is now in compliance with Standard # 3.

Allotment 07580 (Monument Creek) is an “M” category allotment that was assessed for compliance with the Standards during the 1999 permit renewal process. The Kremmling Field Office ID team agreed the allotment is in compliance with the Standards.

Allotments 07581 (Watson) and 07582 (Becker) are category “C” allotments. No assessment for compliance with the Standards is required on category “C” allotments, however they were monitored during the 2009 permit renewal process. No issues or concerns are associated with these allotments.

Proposed Action:

The Proposed Action would renew livestock grazing permit # 051820 with no changes to the livestock grazing systems. The rest rotation grazing system implemented in 1999 on Allotment 07568 (RCA) has allowed the allotment to improve and it is now in compliance with Standard # 3 (upland vegetation and wildlife). Therefore, no new changes are required. The new grazing permit would be renewed with no changes to the number or kind of livestock, season of use, grazing system or authorized livestock grazing preference expressed in AUMs* on any of the allotments associated with this permit. A copy of the proposed permit with standard terms and conditions is enclosed as Attachment 1.

* AUM = Animal Unit Month = the amount of forage required to sustain one cow and her calf for one month.

- The permit would be renewed for a period of 10 years from March 1, 2009 through February 28, 2019.
- The Standard Terms and Conditions would apply

- There would be no changes to the number or kind of livestock, season of use, grazing system, or amount of authorized preference expressed in AUMs.
- The permittee would follow the authorized livestock grazing plan.

The renewed livestock grazing permit # 051820 would authorize livestock grazing to the following extent:

Allotment	Livestock		Season of Use	% Public Land	AUMs
	Number	Kind			
07568 RCA	325	Cattle	6/1 – 6/30	95	305
07580 Monument Creek	75	Cattle	7/01 – 8/15	100	113
07581 Watson	55	Cattle	6/1 – 9/15	11	21
07582 Becker	50	Cattle	6/1 – 9/15	25	44

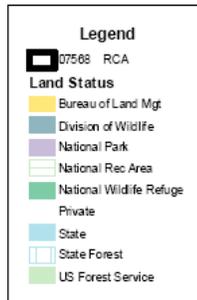
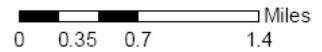
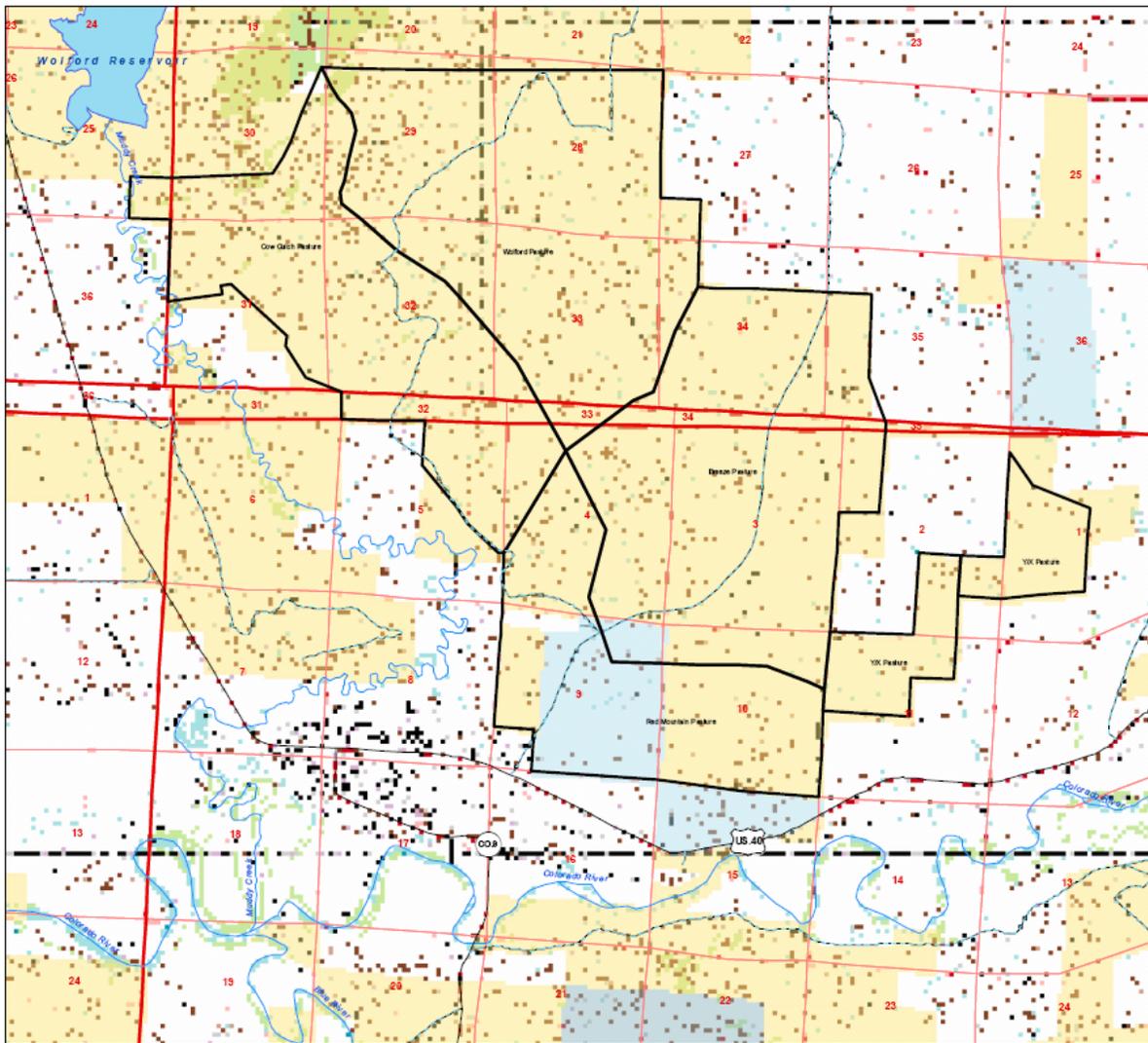
The total livestock grazing preference for permit # 051820 is 325 AUMs for Allotment 07568 (RCA), 113 AUMs for Allotment 07580 (Monument Creek), 21 AUMs for Allotment 07581 (Watson), and 44 AUMs for Allotment 07582 (Becker).

Design Features of the Proposed Action:

- The permittee would be responsible for notifying the BLM of all county listed noxious weeds which result from their livestock grazing operations.
- The BLM would be responsible for implementing control measures, which include partnership with the Grand County Weed Abatement Program.
- Permitting of motorized travel for fence maintenance within the Wolford Mountain Travel Management Area and Troublesome Temporary Road and Area Closure. Permittee would travel only along fencelines for this purpose with no cross country travel. In the event a fenceline is also a landownership boundary, all motorized travel would occur on the non-BLM side of the fence.
- Permit case-by-case motorized cross-country travel within the Wolford Mountain Travel Management Area and Troublesome Temporary Road and Area Closure for instances of retrieving injured animals or other emergencies. All instances should be approved by the authorizing officer beforehand when possible. In the case of an emergency, any motorized cross-country travel would be reported to the BLM immediately. Any permitted or emergency cross-country travel will be evaluated for resource damage. Any rutting of soil or damage to vegetation found to be excessive and establishing a new route would have reclamation completed by the permittee.
- No motorized travel is permitted within the Wolford Mountain Travel Management Area during the winter seasonal closure between December 15 and April 15 with the exception of designated open routes.
- Specific restrictions and exemptions of the Wolford Travel Management Plan and Troublesome Temporary Road and Area Closure would be part of the Terms and Conditions of the grazing permit.



07568 RCA



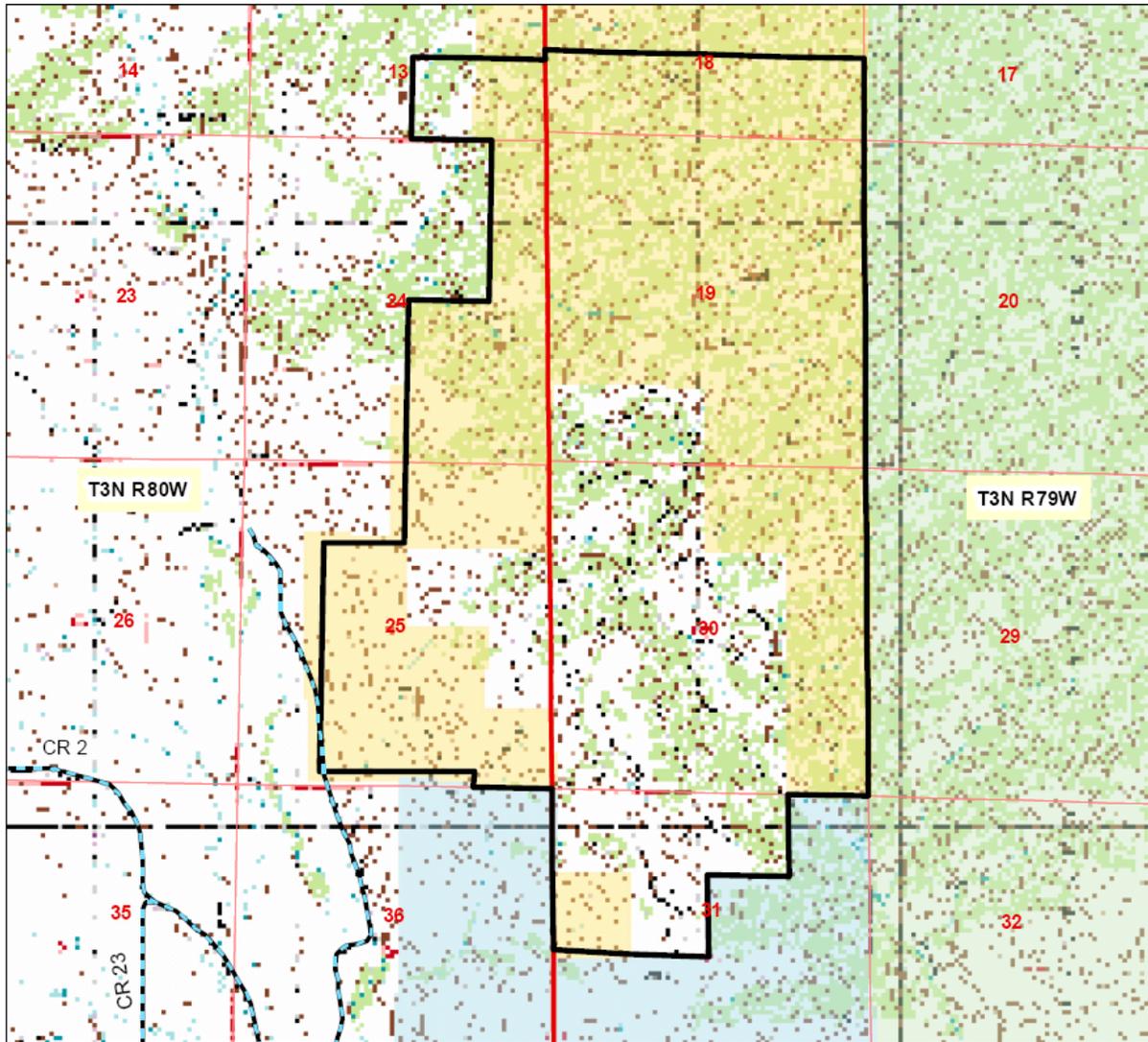
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No Warranty is made by the Bureau of Land Management as to the Accuracy, Reliability, or Completeness of this Data for Individual Use or Aggregate Use with Other Data.

Maps: Kremmling, Junction Butte Gunsight Pass, Hinman Reservoir BLM, Kremmling FO 10/08/2008



07580 MONUMENT CREEK

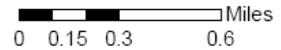


Legend

07580 MONUMENT CREEK

Land Status

- Bureau of Land Mgt
- Division of Wildlife
- National Park
- National Rec Area
- National Wildlife Refuge
- Private
- State
- State Forest
- US Forest Service



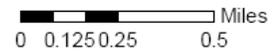
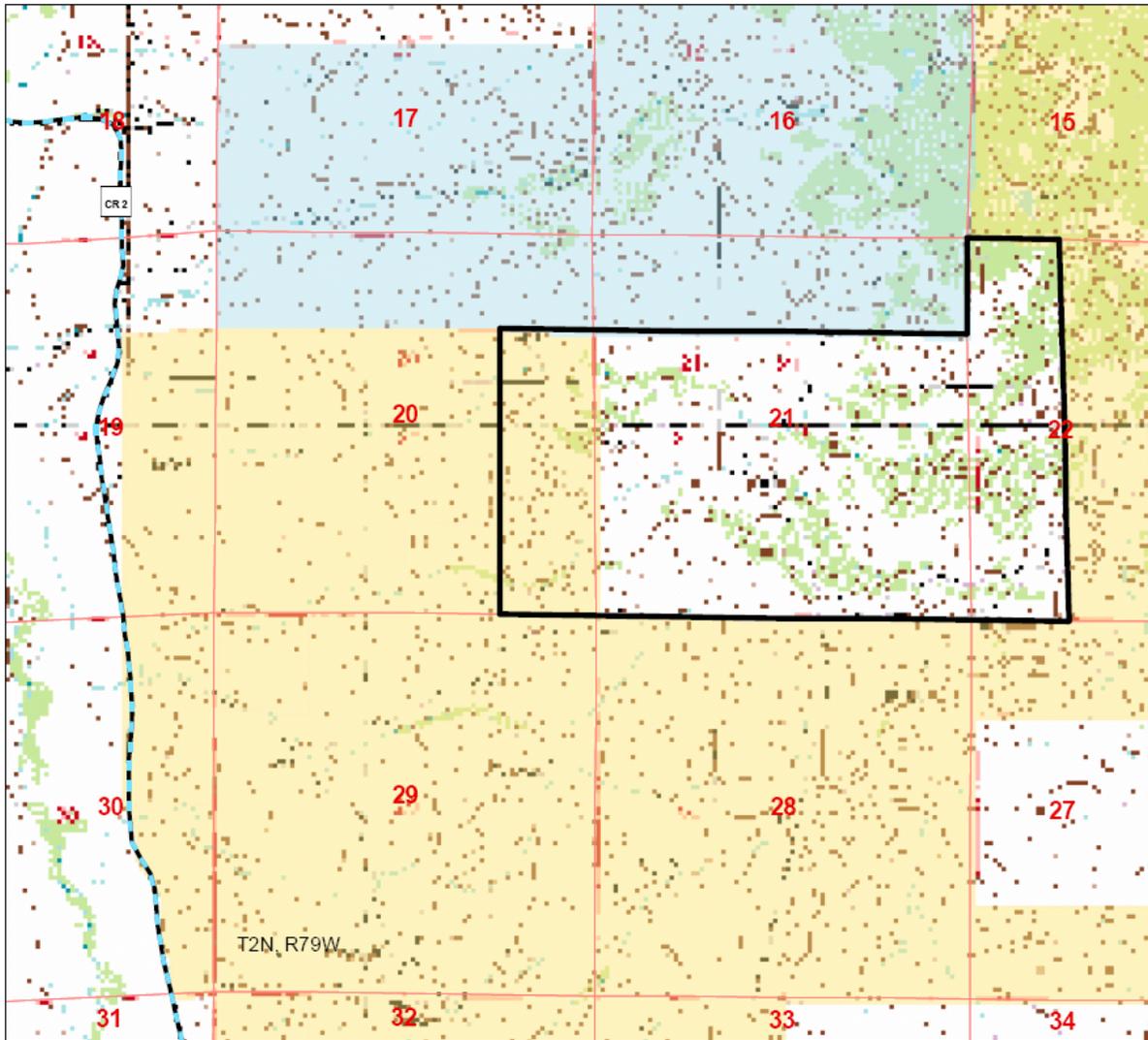
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Maps: Gunsight Pass
BLM, Kremmling FO 10/15/2008



07581 WATSON



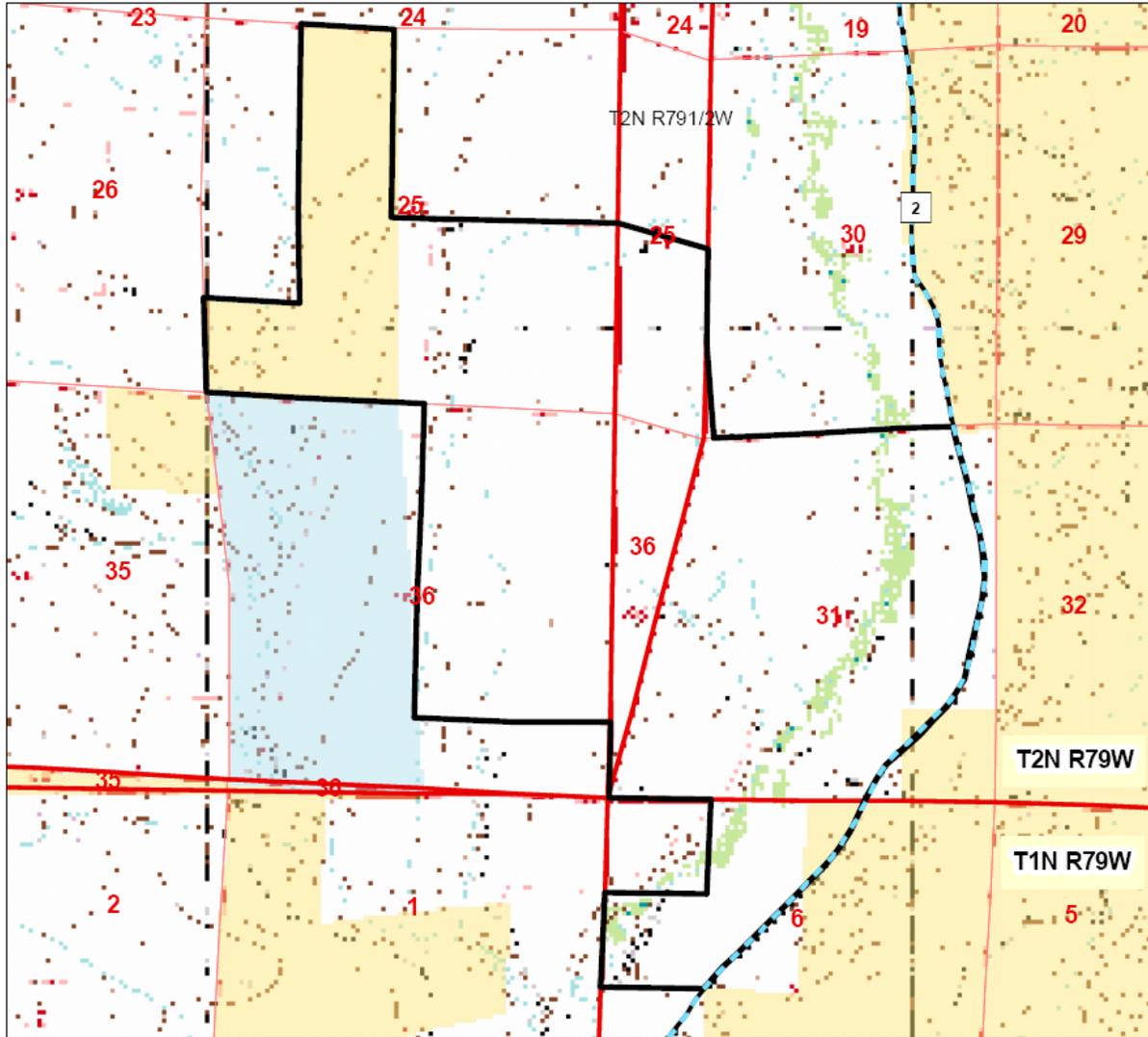
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Maps: Junction Butte, Parshall, Corral Peaks, Gunsight Pass
BLM, Kremmling FO 10/17/2008



07582 BECKER



LEGEND

07582 BECKER

Land Status

- Bureau of Land Mgt
- Division of Wildlife
- National Park
- National Rec Area
- National Wildlife Refuge
- Private
- State
- State Forest
- US Forest Service

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No Warranty is made by the Bureau of Land Management as to the Accuracy, Reliability, or Completeness of this Data for Individual Use or Aggregate Use with Other Data.

Maps: Junction Butte
BLM, Kremmling FO 10/15/2008

No Action Alternative: The No Action Alternative is the same as the Proposed Action.

Alternatives Considered But Eliminated From Further Analysis:

No livestock grazing was considered but eliminated from further analysis for the following reasons:

- Livestock grazing with the Kremmling Field Office was fully analyzed and authorized in the RMP/EIS as recorded in the 1984 Approved Plan and Record of Decision. At that time a “No Grazing Alternative” was considered but not selected.
- This alternative is not consistent with the Federal Land Policy and Management Act (FLPMA) that stated: “the public lands be managed in a manner which recognizes the Nation’s need for domestic sources of minerals, food, timber, and fiber from public lands.....”
- During public scoping and staff review there were no issues or concerns identified that would support a “No Grazing Alternative.”
- It has been determined that significant progress toward achieving compliance with the Standards for Public Land Health in Colorado would occur with the appropriate livestock grazing guidelines set forth in the Proposed Action.

PLAN CONFORMANCE REVIEW: The Proposed Action is subject to and has been reviewed for conformance with the following plan (43 CFR 1610.5, BLM 1617.3):

Name of Plan: Kremmling Resource Management Plan (RMP), Record of Decision (ROD)

Date Approved: December 19, 1984; Updated February 1999

Decision Number/Page: Livestock Grazing: pages 6 and 8, as revised

Decision Language: Objectives of the RMP/ROD include allocation of a base level of livestock forage and maintaining or improving forage production and condition in areas where livestock grazing is a priority or is compatible with the land use priority. The RMP designated the project area with a livestock grazing priority.

AFFECTED ENVIRONMENT / ENVIRONMENTAL CONSEQUENCES / MITIGATION MEASURES:

INVASIVE, NON-NATIVE SPECIES

Affected Environment: Past actions such as livestock grazing, motorized travel, recreation, etc. that have caused disturbance to the vegetation and soil have contributed to the invasion and spread of invasive, non-native species (noxious weeds). There are known invasive, non-native species growing within the project area. The invasive, non-native species include houndstongue (*Cynoglossum officinale*), cheatgrass (*Bromus tectorum*), and Canada thistle (*Cirsium arvense*) and are usually located along roadways, in high use areas such as where livestock congregate, and other areas of disturbance. Soil or vegetation disturbing activities provide an avenue for establishment and expansion of invasive, non-native species. The BLM monitors these known areas for use in controlling the spread of these species.

Environmental Consequences: Any type of soil and vegetation disturbance in an area where invasive, non-native species are established promotes their expansion. Although the renewed livestock grazing permit would not change the livestock grazing management, there is always the chance for the establishment or spread of invasive, non-native species.

Since the No Action Alternative is the same as the Proposed Action, the environmental consequences would be the same.

Mitigation: None

RANGE MANAGEMENT

Affected Environment: A rest rotation grazing system was implemented on Allotment 07568 (RCA) during the 1999 permit renewal process. Since that time, the allotment, especially the YX pasture, has improved and is now in compliance with the Standards.

No changes were made to the grazing on allotments 07581 (Watson), and 07582 (Becker) during the 1999 permit renewal process. These are low priority category “C” allotments that have no known issues or concerns.

During the 1999 permit renewal process, the livestock grazing on Allotment 07580 (Monument Creek) was changed. The amount of authorized grazing preference was reduced from 210 AUMs to 113 AUMs. The season of use was changed from 5/16 – 6/30 to 7/1 – 8/15 to accommodate the permittees ranching operation.

Environmental Consequences: Since Allotment 07568 (RCA) was determined to be in compliance with the Standards by an interdisciplinary (ID) team from the Kremmling Field Office and the permittee did not request any changes, the Proposed Action would be implemented with no changes to the number or kind of livestock, season of use, or authorized grazing preference.

The livestock grazing permittee did not request any changes to the grazing on allotments 07580 (Monument Creek), 07581 (Watson) and 07582 (Becker) and there are no known issues or

concern with these allotments. Therefore, the Proposed Action would be implemented with no changes to the number or kind of livestock, season of use, or amount of authorized grazing preference.

Since the No Action Alternative is the same as the Proposed Action, the environmental consequences would be the same.

Mitigation: None

VEGETATION (includes a finding on Standard 3)

Affected Environment: Allotment 07568 (RCA) and Allotment 07582 (Becker) consist mostly of sagebrush steppe vegetation communities. The dominant species is big sagebrush (*Artemisia tridentata*) with an understory of perennial cool season grasses and annual and perennial forbs. The grasses include but are not limited to bluegrasses (*Poa* spp), western wheatgrass (*Pascopyrum smithii*), bluebunch wheatgrass (*Pseudoroegneria spicata*), pine needlegrass (*Achnatherum pinetorum*), bottlebrush squirreltail, (*Elymus elymoides*), fescues (*Festuca* spp), Indian ricegrass (*Achnatherum hymenoides*), brome (*Bromus* spp), and prairie Junegrass (*Koeleria macrantha*). Common forbs include wild buckwheat (*Eriogonum* spp), lupine (*Lupinus agrenteus*), phlox (*Phlox* spp), Indian paintbrush (*Castilleja* spp), groundsel (*Senecio* spp), penstemons (*Penstemon* spp), pussytoes (*Antennaria* spp), daisies (*Erigeron* spp), fringed sage (*Artemisia frigida*), milkvetch (*Astragalus* spp), and mountain bluebell (*Mertensia lanceolata*). Other shrubs that inhabit the sagebrush steppe include snowberry (*Symphoricarpos oreophilus*), serviceberry (*Amelanchier alnifolia*), rabbitbrush (*Chrysothamnus* spp), broom snakeweed (*Gutierrezia sarothrae*), and antelope bitterbrush (*Purshia tridentata*).

A portion of Allotment 07568 (RCA) was seeded to crested wheatgrass (*Agropyron cristatum*) a number of years ago. This area in the YX pasture still has a significant amount of crested wheatgrass. However, native species have reestablished within the crested wheatgrass and it now contains a mixture of native species along with the crested wheatgrass.

Allotment 07581 (Watson) is mostly sagebrush steppe vegetation community. However, it also contains some lodgepole pine (*Pinus contorta*) forest. The forest area has sparse understory of vegetation due to the dense canopy cover of the trees. Only scattered forbs and low shrubs grow within the forested area.

Allotment 07580 (Monument Creek) is mostly a lodgepole pine forest with some open areas that are sagebrush dominated. The herbaceous layers are poorly developed and vegetation diversity is low due to the single age class and dense canopy of lodgepole pine. Common plants include creeping juniper (*Juniperus communis*), kinnikinnick (*Arctostaphylos uva-ursi*), and grouse whortleberry (*Vaccinium scoparium*). A few annual forbs will grow when climatic conditions are favorable.

Environmental Consequences: The Proposed Action would renew livestock grazing permit # 051820 with no changes to the livestock grazing in these allotments. During the 1999 permit renewal process, a rest rotation grazing system was implemented on Allotment 07568. Since 1999, the vegetation has improved to an extent that the recent standards assessment determined the vegetation is now in compliance with Standard #3 (uplands vegetation and

wildlife). The Proposed Action would continue this grazing plan with a continued improvement in the vegetation because of the rest built into the grazing plan.

The authorized grazing preference on Allotment 07580 (Monument Creek) was reduced from 210 AUMs to 113 AUMs, and the season of use was delayed from 5/16-6/30 to 7/1-8/15. The vegetation was in compliance with Standard # 3 (upland vegetation and wildlife) prior to making these changes. These changes created a beneficial impact to the vegetation in the allotment which would continue with implementation of the Proposed Action.

No changes were implemented on Allotment 07581 (Watson) or Allotment 07582 (Becker). Therefore, no changes to the vegetation would be anticipated from implementation of the Proposed Action.

Since the No Action Alternative is the same as the Proposed Action, the environmental consequences would be the same.

Mitigation: None

Finding on the Public Land Health Standard for plant and animal communities (partial, see also Wildlife, Aquatic and Wildlife, Terrestrial): Allotment 07568 (RCA) was assessed for compliance with the Standards on June 9, 2006. An interdisciplinary team (ID) from the Kremmling Field Office determined the allotment is in compliance with Standard #3 (upland vegetation and wildlife).

Allotment 07580 (Monument Creek) is a Maintain, "M", allotment, and allotments 07581 (Watson) and 07582 (Becker) are Custodial, "C", allotments. They are low priority allotments that were not assessed for compliance with the Standards during the 2009 permit renewal process. However, all three allotments were monitored during 2008 and no issues or concerns were identified.

CUMULATIVE IMPACTS SUMMARY:

Livestock grazing has been an important use of the public lands in the Kremmling Field Office since the introduction of domestic livestock in the 1870s. Presently, the Field Office supports a grazing program on approximately 378,000 acres of BLM-administered public lands. Currently, these public ranges are licensed at a level of approximately 39,726 Animal Unit Months (AUMs) for livestock.

For the purpose of this EA, the general geographic boundary for cumulative impact analysis is Middle Park. The lands administered by the Kremmling Field Office is divided north to south by the Continental Divide. The public lands to the north of the divide are generally referred to as North Park, and those to the south of the divide, Middle Park. In Middle Park, there are approximately 137,179 acres of BLM-administered public lands that are currently being grazed, and 13,070 AUMs that are licensed.

In looking at past actions within the geographic area over the past ten years, there have not been any major changes to the Middle Park allotments. A majority of the allotments have been assessed for standards and the permits modified where needed due to non-compliance with

specific standards or new information that has arrived (i.e. new sage grouse lek). There are not any reasonably foreseeable actions outside of minor range improvement projects that are projected to occur in the Middle Park allotments. However, fast growing residential development is occurring and projected to continue on the east end of Middle Park. This loss of habitat is impacting Greater sage-grouse populations in Middle Park.

The Proposed Action would not change the number of AUMs that have been licensed on the allotment for the past ten years. Thus, there would be minimal cumulative impacts to Greater sage-grouse. In terms of cumulative impacts to cultural resources, grazing may cause substantial ground disturbance and cause cumulative, long term, irreversible adverse effects to historic properties throughout the Kremmling Field Office. However, as part of the BLM permit renewal process, allotments are being assessed and inventoried for cultural resources. If resources are found, and eligible for NRHP, mitigation is implemented. This process is attempting to mitigate any major cumulative impacts to cultural resources in the Kremmling Field Office.

In terms of cumulative impacts to cultural resources, grazing may cause substantial ground disturbance and cause cumulative, long term, irreversible adverse effects to historic properties throughout the Kremmling Field Office. However, as part of the BLM permit renewal process, allotments are being assessed and inventoried for cultural resources. If resources are found and eligible for NRHP, mitigation is implemented. This process is attempting to mitigate any major cumulative impacts to cultural resources in the Kremmling Field Office.

PERSONS / AGENCIES CONSULTED: Pete and Carol Petersen of Troublesome Valley Ranch. Starting in January 2007, a scoping process was begun to request information concerning the renewal of grazing permits/leases and to prioritize areas or allotments with issues and concerns. The Kremmling Field Office sent scoping letters, along with land status maps showing the affected allotments to the following groups and agencies: Colorado Division of Wildlife (Steamboat Springs, Walden, Hot Sulphur Springs, Fort Collins); District Board of Grazing Advisors; County Commissioners of Grand and Jackson counties; Stock Growers Association (Middle Park, North Park, Upper Big Laramie River Ranch Assoc.); Northwest Resource Advisory Council, United States Forest Service (Silverthorne, Granby, Walden); US Fish and Wildlife Service (Arapaho National Wildlife Refuge); Tribal Councils (Arapaho, Shoshone, Southern Ute); Colorado Commission of Indian Affairs; Ute Indian Tribe Uintah and Ouray Agency Business Committee; Colorado Environmental Coalition; and Colorado State Land Board (Lane Osborn).

The BLM Colorado State Office also mailed outreach letters concerning the renewal of grazing permits/leases to all Congressional offices, State and Federal agencies, and major environmental, conservation, and user group organizations.

In addition, individual letters were sent to the affected permittees/lessees informing them that their permit/lease was up for renewal and requested any information they wanted included in, or taken into consideration during the permit renewal process. A Notice of Public Scoping was posted on the internet at the Colorado BLM homepage, and in Grand and Jackson county newspapers asking for public input on permit/lease renewals and the assessment for compliance with the Standards for Public Land Health in Colorado within the Kremmling Field Office. This notice was followed up with an internet posting of the Kremmling Field Office prioritization of allotments and a determination as to which allotments would be assessed according to the

Standards for Public Land Health in Colorado. The proposed permit renewal was also posted on the Kremmling Field Office Internet NEPA register.

INTERDISCIPLINARY REVIEW: See IDT-RRC in Appendix 1.

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DOI-BLM-CO-120-2009-0010-EA

Based on the analysis of potential environmental impacts contained in the attached environmental assessment, and considering the significance criteria in 40 CFR 1508.27, I have determined that the Proposed Action will not have a significant effect on the human environment. An environmental impact statement is therefore not required.

DECISION RECORD

DECISION: It is my decision to authorize the Proposed Action as described in the attached EA and renew livestock grazing permit # 051820 to be in effect from March 1, 2009 to February 28, 2019. This decision is contingent on meeting all mitigation measures and monitoring requirements listed below.

RATIONALE: When a livestock grazing permit expires, it is subject to renewal at the discretion of the Secretary of the Interior for a period of up to ten years. Livestock grazing when properly managed in accordance with good rangeland ecology practices, has been proven to result in improved land health. The public benefits from public lands which are maintained in a healthy condition and are able to produce sustainable resources for a variety of uses.

The livestock producer benefits from a renewed livestock grazing permit/lease to graze forage on BLM managed land. Livestock grazing on BLM managed land is an integral part of the livestock producer's operation, and an important part of local rural economies.

MITIGATION MEASURES:

-A Class III field inventory will be completed within the ten-year expiration period of the grazing permit. Mitigation would be identified and implemented in consultation with the Colorado State Historic Preservation Office (SHPO) if historic properties are located during the subsequent field inventory and if BLM determines that grazing activities would adversely impact the properties.

COMPLIANCE/MONITORING: Compliance with the renewed livestock grazing permit and its associated terms and conditions would be accomplished through the Kremmling Field Office Range Management Program. Livestock grazing would be monitored by the range staff and other area personnel, as appropriate, to ensure compliance. The Kremmling Field Office Range Monitoring Plan would be used to schedule periodic utilization checks, collect trend data, and evaluate allotment condition. When activity plans have been developed covering an allotment, monitoring methods and schedules included in them would be applied to the allotment. Changes would be made to the permit, based on monitoring, when changes are determined necessary to protect land health.

NAME OF PREPARER: Richard Johnson

NAME OF ENVIRONMENTAL COORDINATOR: Susan Cassel

DATE: 3/26/09

SIGNATURE OF AUTHORIZED OFFICIAL: /s/ Peter McFadden

DATE SIGNED: 3/31/09

ATTACHMENTS:

- 1) Permit # 051820 with Standard Terms and Conditions
- 2) Troublesome Emergency Road and Area Closure Map
- 3) Wolford Mountain Area Designated Travel Routes
- 4) Wolford Mountain Area Winter Closure Area

APPENDICES:

Appendix 1 – Interdisciplinary Team Analysis Review Record and Checklist

Appendix 1

INTERDISCIPLINARY TEAM ANALYSIS REVIEW RECORD AND CHECKLIST:

Project Title: Renewal of Livestock Grazing Permit # 051820

Project Leader: Richard Johnson

Date Submitted for Comment: 11/24/08

Due Date for Comments: 1/31/09

Consultation/Permit Requirements:

Consultation	Date Initiated	Date Completed	Responsible Specialist/ Contractor	Comments
Cultural/Archeological Clearance/SHPO	1/20/2009	1/20/2009	BBW	Past actions have resulted in a cultural resource inventory to determine if those actions would cause potential adverse affects to known and unknown cultural resources sites from livestock grazing, motorized travel, and recreational use. When project undertakings are identified a cultural resource inventory would be conducted to determine if sites are present and their eligibility, project effects, and mitigation requirements if necessary.
Native American	1/20/2009	1/20/2009	BBW	Consultation was done for the original allotment renewal. All future undertakings would require tribal consultation for traditional cultural properties.
T&E Species/FWS	N/A	N/A	MM	
Permits Needed (i.e. Air or Water)	N/A	N/A	PB	The permit renewal would not require any other permit.

(NP) = Not Present

(NI) = Resource/Use Present but Not Impacted

(PI) = Potentially Impacted and Brought Forward for Analysis.

NP NI PI	Discipline/Name	Date Review Comp.	Initials	Review Comments (required for Critical Element NIs, and for elements that require a finding but are not carried forward for analysis.)
CRITICAL ELEMENTS				
NI	Air Quality Belcher	2/10/09	PB	There are no impacts to Air Quality from the Proposed Action.
NP	Areas of Critical Environmental Concern Cassel	3-5-09	SC	There are no Areas of Critical Environmental Concern in the proximity of the proposed project area.
NI	Cultural Resources Wyatt	1/20/2009	BBW	Past actions have resulted in a cultural resource inventory to determine if those actions would cause potential adverse affects to known and unknown cultural resources sites from livestock grazing, motorized travel, and recreational use. When project undertakings are identified a cultural resource inventory would be conducted to determine if sites are present and their

					eligibility, project effects, and mitigation requirements if necessary.
NP	Environmental Justice	Cassel	3-5-09	SC	According to the most recent Census Bureau statistics (2000), there are no minority or low income communities within the Kremmling Planning Area.
NP	Farmlands, Prime and Unique	Belcher	2/10/09	PB	There are no farmlands, prime or unique, in the proximity of the proposed project area.
NP	Floodplains	Belcher	2/10/09	PB	There are no floodplains that would be directly or indirectly impacted by the Proposed Action.
PI	Invasive, Non-native Species	Johnson Torma Scott	1/6/09	RJ	See write up in EA.
NI	Migratory Birds	McGuire	1/21/2009	MM	The allotments are currently in good condition. Since there are no changes proposed to the existing permit, impacts would not occur.
NI	Native American Religious Concerns	Wyatt	1/20/2009	BBW	Consultation was conducted on the original allotment renewal. Future undertakings would require tribal consultation for traditional cultural properties.
NI	T/E, and Sensitive Species (Finding on Standard 4)	McGuire	1/21/2009	MM	<i>P. penlandii</i> , an endangered plant, occurs in allotment #7582. Greater sage-grouse, a BLM sensitive species, occur in the allotments. The allotments are currently in good condition. Since there are no changes proposed to the existing permit, impacts would not occur.
NP	Wastes, Hazardous and Solid	Hodgson	1/7/09	KH	There are no quantities of wastes, hazardous or solid, located on BLM-administered lands in the proposed project area, and there would be no wastes generated as a result of the Proposed Action or No Action alternative.
NI	Water Quality, Surface and Ground (Finding on Standard 5)	Belcher	2/10/09	PB	The Proposed Action is a continuance of the current management. There are no water quality issues with this management.
NI	Wetlands & Riparian Zones (Finding on Standard 2)	Belcher	2/10/09	PB	The RCA's grazing system was initially implemented to improve riparian conditions on the allotment. The conditions have improved and a continuance of the present management is recommended to protect the riparian areas. Monument Creek is also monitored and the present management is maintaining riparian values.
NP	Wild and Scenic Rivers	Cassel	3-5-09	SC	There are no eligible Wild and Scenic River segments in the proposed project area.
NP	Wilderness	Monkouski	3-5-09	JJM	There is no designated Wilderness or Wilderness Study Areas in the proximity of the proposed project area.
NON-CRITICAL ELEMENTS (A finding must be made for these elements)					
NI	Soils (Finding on Standard 1)	Belcher	2/10/09	PB	The allotments are meeting the Standard. Continuance of the present grazing permit will not impact soil resources.
PI	Vegetation (Finding on Standard 3)	Johnson Torma Scott	1/6/09	RJ	See write up in EA.
NI	Wildlife, Aquatic (Finding on Standard 3)	McGuire	1/21/2009	MM	The allotments are currently in good condition. Since there are no changes proposed to the existing permit, impacts would not occur.

NI	Wildlife, Terrestrial (Finding on Standard 3)	McGuire	1/21/2009	MM	The allotments are currently in good condition. Since there are no changes proposed to the existing permit, impacts would not occur.
OTHER NON-CRITICAL ELEMENTS					
NI	Access/Transportation	Monkouski	3/2/09	JJM	No change in access under the proposed action. No impacts. Allotments 07568 and 07582 are within the Wolford Mountain Travel Management Area. Motorized and mechanized travel is restricted to designated routes with no cross country travel permitted. The permittee is allowed to travel on designated open routes with the corresponding mode of travel and routes designated for administrative use. Cross country travel is only permitted by foot or horseback. No motorized travel is permitted during the winter seasonal closure between December 15 and April 15 with the exception of snowmobiles on winter designated routes when there is a minimum of 12 inches of snow. Allotment 07580 is within the Troublesome Temporary Road and Area Closure. Cross country travel is only permitted by foot and horseback or by snowmobile when there is snow present. This temporary closure remains in effect until future travel management designations are completed. Grazing permittees have exemptions as outlined within the design features of the proposed action.
NI	Forest Management	K.Belcher	1/30/2009	KB	No impact to forest resources.
NI	Geology and Minerals	Hodgson	1/7/09	KH	No impacts.
NP	Fire	Wyatt	1/20/2009	BBW	Grazing would reduce light flashy fuels.
NI	Hydrology/Water Rights	Belcher	2/10/2009	PB	There are no hydrologic impacts or impacts to water rights by renewing this permit.
NI	Paleontology	Rupp	1/16/2009	FGR	No impacts to fossil resources from renewing permit, or the no action alternative. Proposed ground disturbing projects will be reviewed on a project by project basis to determine the need for paleontological inventory.
NI	Noise	Monkouski	3/2/09	JJM	No impacts.
PI	Range Management	Johnson Torma Scott	1/6/09	RJ	See write up in EA.
NI	Lands/ Realty Authorizations	Cassel	12/18/08	SC	There are no leases or permits in the location of the proposed action. There are several ROWs: COC-58109 & COC-29422 to Qwest; COC-39394, COC-62797 & COC-29658 to Mountain Parks Electric; COC-22842 to Tri-State G&T; COC-23293 to Public Service Co; COC-60635 to Bumgarner for a road; COC-64619 to Union Telephone for a road; COC-55997 to Verizon Wireless for a road; COC-60378 to Grand County for a County road; COC-20515 for water tanks and COC-40668 for pipeline both to Town of Kremmling. These ROWs would not be affected by the proposed action or the no

					action alternative.
NI	Recreation	Monkouski	3/2/09	JJM	Under the proposed action no impacts would occur to recreational opportunities that include Off Highway Vehicle opportunities, camping, hunting, hiking, and watching wildlife.
NI	Socio-Economics	Cassel	3-5-09	SC	Since there would be no change in use, there would be no socio-economic impacts.
NI	Visual Resources	Windsor	3/6/09	AW	The Proposed Action and No Action Alternative would not impact the visual resources.
PI	Cumulative Impact Summary	Cassel	3/26/09	SC	See analysis
FINAL REVIEW					
	P&E Coordinator				