



United States Department of the Interior

m 5/8/98

BUREAU OF LAND MANAGEMENT

Elko Field Office
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Elko, Nevada 89801-4611

In Reply Refer To:
4160/4400.4 (NV-012)

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DBA Need More Sheep Co.
HCR 33 Box 33920
Ely, NV 89301

Reed B. Robison
HCR 33 Box 33940
Ely, NV 89301

MAY - 8 1998

PROPOSED MULTIPLE USE DECISION FOR THE BADLANDS AND GOSHUTE MOUNTAIN ALLOTMENTS

The Record of Decision for the Wells Environmental Impact Statement (EIS) was issued on July 16, 1985. The Record of Decision for the Schell EIS was issued on July 1, 1983. These documents established the multiple use goals and objectives which guide management of the public lands in the Badlands and Goshute Mountain Allotments. The Wells Rangeland Program Summary (RPS) was issued on September 15, 1986. The Schell RPS was issued on July 1, 1983. These documents further identified the allotment specific objectives for these allotments. Standards and Guidelines for the Northeastern Great Basin area of Nevada were approved by the Secretary of the Interior on February 12, 1997.

As identified in the Wells RMP, RPS, the Schell RMP and RPS, monitoring was established on the Badlands and Goshute Mountain Allotments to determine if existing grazing uses were consistent with attainment of the established multiple use objectives. Since 1981, monitoring data has been collected and was analyzed through the allotment evaluation process to determine progress in meeting multiple use objectives for the Badlands and Goshute Mountain Allotments and to determine what changes in existing management may be required in order to meet management objectives. This information was also assessed to determine if the standards for rangeland health have been achieved.

The Badlands and Goshute Mountain Allotment Evaluation was issued to the public for a 30-day comment period on July 11, 1997. Following careful consideration of the comments received, a Management Action Selection Report (MASR) was issued on March 11, 1998. The MASR addressed the comments received and identified selected management actions for the Badlands and Goshute Mountain Allotments.

Through the consultation, coordination, and cooperation process (CCC), your input, as well as input from the interested public, has been considered in the allotment evaluation process. As a result of the evaluation conclusions and after consideration of input received through the CCC process, it has been determined that: 1) The evaluation of the existing monitoring data indicates that of the 16 Land Use

Plan, Rangeland Program Summary, and key area multiple use objectives evaluated for the Badlands Allotment, six have been met, progress has been made toward attainment of six, and four objectives have not been met.

Four of the eight objectives evaluated for the Goshute Mountain Allotment have been met, progress was made toward attainment of three, and one objective was not met.

Of the seven Antelope Valley/Antelope Herd Management Area Plan Objectives, three were met, progress was made toward attainment of three objectives, and one objective was not met;

2) although progress is being made on the Badlands Allotment toward attainment of the standards from rangeland health addressin uplands and habitat, livestock grazing is a causal factor in non-attainment of these standards; 3) changes in current livestock grazing management and wild horse management are required; 4) existing management of wildlife has not contributed to non-attainment of multiple use objectives; and 5) deletions, modifications, and/or requantification of some of allotment multiple use objectives are required as follows:

1. The following RPS objectives will no longer be evaluated as they have been attained and/or it is unnecessary to continue monitoring achievement of these objectives at this time.
 - a. Coordinate sheep trail with Utah BLM.

Rationale: The administrative sheep trail is not located near the Badlands Allotment. Therefore, no coordinating has been necessary with the Utah BLM.

2. Modify and/or requantify the RPS, Herd Management Area Plan (HMAP), and allotment specific objectives for the Badlands and Goshute Mountain Allotments. General land use plan objectives and Standards and Guidelines for Rangeland Health for Northeastern Nevada Great Basin Area will remain unchanged. Modification and/or requantification of objectives will allow for consolidation of objectives that are similar. Refer to Appendix A for a complete list of the multiple use objectives to be evaluated at the next allotment evaluation.

Rationale: Monitoring studies will continue to be conducted and the effects of grazing will be evaluated periodically to determine if progress is being made in meeting the multiple use objectives and rangeland health standards.

In addition to the above described changes to management objectives, *it is my proposed decision to implement the management actions identified below for livestock and wild horse management in the Badlands and Goshute Mountain Allotments.* These management actions will be effective upon issuance of the Final Multiple Use Decision and subsequent appeal period.

LIVESTOCK GRAZING MANAGEMENT DECISION

1. Re-locate the west boundary of the Badlands Allotment.

The west boundary of the allotment would be shifted toward the east approximately one mile and would change from a north-south direction to a northwest-southeast direction (refer to Appendix 2 for proposed location of west boundary).

That portion of the Badlands Allotment with a carrying capacity of 174 AUMs for cattle located west of the new allotment boundary (proposed West Pasture of Option 1, Alternative B of Appendix 8 of the allotment evaluation), would be added to the Antelope Valley Allotment, of which Reed Robison is the current permittee. The remaining total number of AUMs of specified livestock grazing in the Badlands Allotment (1,018 AUMs for sheep) to DBA Need More Sheep Company.

A rangeline agreement would be created and signed by DBA Need More Sheep Company, Reed Robison, and the BLM. The purpose of the agreement would be to document each operator's understanding and consent of the location of the allotment boundary between the two allotments.

Rationale: Reed Robison has requested to change his authorized use in the Badlands Allotment from sheep to cattle on his grazing permit for the Badlands Allotment. Based on his request, his cattle operation would be limited to the western portion of the allotment as shown in Appendix 2, within that area adjacent to and unfenced from the Antelope Valley Allotment, of which Robison has a grazing permit for cattle.

The 174 AUMs of authorized cattle use recommended for the proposed West Pasture would be transferred to the adjacent Antelope Valley Allotment, where there is flexibility to provide for the addition of AUMs due to a recently established grazing system (see page 46 and 47 of the Badlands/Goshute Mountain Allotment Evaluation).

Although the acreage of the Badlands Allotment will be reduced due to the change in the boundary, the carrying capacity of 1,018 AUMs will remain, because monitoring data has shown that utilization of key species is within objective levels at this carrying capacity. The authorization of 1,018 AUMs to DBA Need More Sheep Company will allow for a continued viable sheep operation and would also allow DBA the opportunity to improve range condition. Unauthorized use from Utah is not accounted for in actual use and utilization analysis.

This action will result in significant progress toward fulfillment of the Standards for Rangeland Health. This management action is also consistent with grazing management Guidelines 1.1, 3.2, and 3.3, which have been approved for the Northeastern Great Basin Resource Advisory Council Area of Nevada to establish significant progress toward conformance with the Standards for Rangeland Health for Upland Sites and Habitat.

2. Establish the total number of animal unit months of specified livestock grazing in the newly adjusted Badlands Allotment as follows:

Operator	Animal Units	Kind	Period of Use	% Public Land	Total AUMs
DBA Need More Sheep Co.	1,025	sheep	11/1 - 3/31	100	1,018
TOTAL	1,025				1,018

Total AUMs of specified livestock grazing determined for the Badlands Allotment (1,018) would be authorized to DBA Need More Sheep Company.

Rationale: It has been concluded by the Badlands and Goshute Mountain Allotment Evaluation that a reduction in the number of authorized AUMs is necessary in order for allotment management objectives to be met and ecological condition to improve. The post-evaluation carrying capacity of 1,018 AUMs is derived from 1,023 AUMs, the average of the pre-CAF capacities determined for each key area. Five AUMs were allocated to wild horses, therefore 1,018 AUMs were allocated to livestock.

Management practices have changed during the past two years of the evaluation period, with sheep having been turned out on the west side of the Badlands Allotment rather than the east side as been the historic practice. Utilization data from these two years has revealed that this system has alleviated the heavier use occurring at key area BA-01, located on the east side of the allotment, and has resulted in similar use at both key areas. A continuation of this practice would allow for utilization objectives at each key area to be met. The continuation of water hauling would encourage even distribution of livestock use (see Selected Management Action 10).

This action will result in significant progress toward fulfillment of the Standards for Rangeland Health. This management action is also consistent with grazing management Guidelines 1.1, 3.2, and 3.3, which have been approved for the Northeastern Great Basin Resource Advisory Area Council of Nevada to establish significant progress toward conformance with Standards for Rangeland Health for Upland Sites and Habitat.

3. Establish the total number of AUMs of specified livestock grazing for the Goshute Mountain Allotment as follows:

Operator	Animal Units	Kind	Period of Use	% Public Land	Total AUMs
DBA Need More Sheep Co.	468	sheep	11/1 - 3/31	100	465
TOTAL	468				465

Rationale: The specified livestock grazing use of 465 AUMs is the pre-evaluation carrying capacity for the Goshute Mountain Allotment. Carrying capacity was calculated in the

evaluation using the weighted average method and resulted in 450 AUMs. According to use pattern map data, the allowable use level was never exceeded, therefore the current level of 465 AUMs for livestock and wild horse use is supported. A reduction to account for incidental wild horse use AUMs will not be made.

This action will result in significant progress toward fulfillment of the Standards for Rangeland Health. This management action would also implement grazing management Guidelines 1.1, 3.2, and 3.3, which have been approved for the Northeastern Great Basin Resource Advisory Council Area of Nevada to establish significant progress toward conformance with the Standards for Rangeland Health for Upland Sites and Habitat.

4. The terms and conditions listed on the grazing permits of DBA Need More Sheep Company and Reed Robison would include the following:

Authorized grazing use will be in accordance with the Final Multiple Use Decision for the Badlands and Goshute Mountain Allotments dated _____.

An actual use report, by pasture, must be submitted to this office annually within 15 days of completion of authorized use.

Supplemental feeding is limited to salt, mineral, and/or protein supplements in block, granular, or liquid form. Such supplements must be placed at least 1/4 mile from live waters (springs, streams, and troughs), wet or dry meadows, and aspen stands.

All riparian exclosures, including spring development exclosures, are closed to livestock use unless specifically authorized in writing by the Assistant District Manager for Renewable Resources.

Pursuant 43 CFR 10.4(g) the holder of this authorization must notify the authorized officer, by telephone, with written confirmation, immediately upon the discovery of human remains, funerary items, sacred objects, or objects of cultural patrimony. Further, pursuant to 43 CFR 10.4(c) and (d), you must stop activities in the immediate vicinity of the discovery and protect it from your activities for 30 days or until notified to proceed by the authorized officer.

Rationale: A Final Multiple Use Decision will be issued to implement changes in current grazing management practices as a result of multiple use objectives and Standards for Rangeland Health not being achieved.

The collection of actual use data is essential to the monitoring and allotment evaluation effort. The location of supplemental feed is important for proper livestock distribution and range management.

5. Flexibility will be allowed on the Badlands and Goshute Mountain Allotments as outlined in the following:

The number of livestock to be grazed will remain flexible according to the needs of the permittee.

Livestock numbers listed in this permit are based on the maximum number of AUMs that may be removed from each allotment for the period specified.

An annual operating plan, livestock numbers and periods of use and specific management practices appropriate for maintaining progress toward attainment of multiple use objectives and standards for rangeland health will be approved by the BLM prior to turn out.

Deviations in time and conditions outlined above will be allowed to meet the needs of the resources and the permittee as long as these deviations are consistent with multiple use objectives. Deviations, including any changes in licensed use or adjustments in the terms and conditions outlined above, will require the submission of a written application and written authorization from the Assistant District Manager for Renewable Resources prior to grazing use.

Rationale: The permittees are afforded flexibility in their operations in order to adjust to range readiness, climatic conditions, and annual fluctuations in their livestock operations.

This action will result in significant progress toward fulfillment of the Standards for Rangeland Health. This management action would also implement grazing management Guidelines 1.1, 3.2, and 3.3, which have been approved for the Northeastern Great Basin Resource Advisory Council Area of Nevada to establish significant progress towards conformance with the Standards for Rangeland Health for Upland Sites and Habitat.

6. Inventory and identify existing fence projects that do not meet BLM specifications. Modify those fences which create significant barriers to deer and pronghorn.

Rationale: The fences existing within the Badlands Allotment are located along the Nevada/Utah border and the White Pine County line. Fence modifications to BLM specifications would help facilitate big game movements and allow for more efficient use of available habitat while retaining the primary goal of restricting livestock movements.

7. Rangeland Program Summary (RPS) and key area objectives will be modified and/or quantified for the Badlands and Goshute Mountain Allotments as outlined in Appendix 1.

General land use plan objectives and the Standards for Rangeland Health identified for the Northeastern Great Basin Area of Nevada remain unchanged.

Rationale: Monitoring data was analyzed through the allotment evaluation process, to determine progress in meeting multiple use objectives, whether standards for rangeland health have been achieved, and to determine what changes in existing grazing management, if any, are required.

The allotment specific objectives which were analyzed in the allotment evaluation were formulated based on management issues which existed in 1986 and 1983 when the Wells and

Schell RPS were published. Based on monitoring data and conclusions presented in this allotment evaluation, it is necessary to modify and/or requantify the allotment specific objectives, consistent with established land use plan objectives, to address the following resources issues:

- upland range conditions
- wildlife habitat conditions
- wild horse management

8. Water hauling will occur on all existing roads within the Badlands and Goshute Mountain Allotments to improve livestock distribution.

Rationale: Use pattern maps conducted annually for both allotments during the evaluation period indicate that most of the grazing use occurs along roads where water was hauled that year. Water that is hauled to all accessible areas will improve the livestock distribution and lessen the occurrence of heavy use.

9. Continue to conduct necessary monitoring studies and periodically evaluate the effects of grazing to determine if progress is being made in meeting the multiple use objectives. The Badlands and Goshute Mountain Allotments will be re-evaluated in accordance with priorities established in the Elko Field Office Monitoring and Evaluation Schedule. If monitoring studies indicate a need to bring grazing use in line with capacity, necessary adjustments will be made. Studies will be conducted in accordance with BLM policy, manual guidance as outlined in the Nevada Rangeland Monitoring Handbook and IM-NV-98-014 and will include, but are not limited to, the following:

Uplands:	forage production ecological condition trend frequency utilization actual use
Wildlife Habitat:	habitat condition studies (BLM Manual 6630) wildlife population census Cole Browse
Wild Horses:	wild horse population census pre-livestock utilization

Rationale: Additional monitoring and analysis will be required to determine whether objectives are being met and determine if carrying capacities need to be adjusted or changes made to existing management strategies.

Authority for the actions described in this proposed decision is found in 43 CFR Parts 4100.0-8, 4110.2-2, 4110.2-4, 4110.3, 4110.3-2, 4110.3-3, 4130.3, 4130.3-1, 4130.3-2, 4130.3-3, 4160.1, 4160.2, 4180.1, and 4180.2(c)

Any applicant, permittee, lessee or other affected interest may protest the livestock grazing portion of

this proposed multiple use decision under Sec. 43 CFR 4160.1, in person or in writing to Bureau of Land Management, Clinton R. Oke, Assistant District Manager for Renewable Resources, 3900 Idaho St., Elko, Nevada, 89801, within 15 days after receipt of such decision. The protest, if filed, should clearly and concisely state the reason(s) as to why the proposed decision is in error.

Subsequent to the protest period, a final multiple use decision will be issued specifying the appeal procedures.

WILD HORSE AND BURRO MANAGEMENT DECISION

- 1. Establish and maintain an appropriate management level (AML) of five AUMs for wild horses within the Badlands Allotment (located in the Antelope Valley Herd Management Area) and zero AUMs in the Goshute Mountain Allotment (located in the Antelope Herd Management Area). This allocation of forage should allow for continued incidental use in the Badlands Allotment and incidental to no use in the Goshute Mountain Allotment.**

Rationale: In the Wells Resource Management Plan, livestock numbers for the Badlands Allotment were set at 2,647 AUMs and wild horse use was considered incidental and zero AUMs were allocated to wild horses. The Wells RMP Wild Horse amendment, finalized on August 2, 1993, established the initial herd size for wild horses in the Antelope Valley Herd Management Area at 240 horses. Census data has shown that approximately 1% of the Antelope Valley herd uses the Badlands Allotment during the winter months. This equates to 2.4 horses for approximately five months, or 12 AUMs. This figure was added to the pre-evaluation authorized grazing use for livestock (2,647 AUMs) to equal a total of 2,659 AUMs for both livestock and wild horses. The 12 AUMs of wild horse use, therefore, makes up 0.5% of the total pre-evaluation authorized AUMs for the Badlands Allotment. This percentage was applied to the post-evaluation carrying capacity of 1,023 AUMs, resulting in 5 AUMs as the appropriate management level for the Badlands Allotment.

Data collected on the Goshute Mountain Allotment supports the current level of 465 AUMs for livestock and incidental use by wild horses. Because wild horse use in the Goshute Mountain Allotment is considered incidental, a zero AML was established for this allotment. The AML of 5 AUMs established for the Badlands Allotment will accommodate incidental use in the adjacent Goshute Mountain Allotment. The Badlands and Goshute Mountain Allotment are located in different herd management areas. To facilitate calculation of the total AML for each HMA, an AML of five AUMs is designated for the Badlands Allotment and zero AUMs is designated for the Goshute Mountain Allotment.

This action will result in significant progress toward fulfillment of the Standards for Rangeland Health. This management action is also consistent with Guidelines 1.1, 3.2, and 3.3, which have been approved for the Northeastern Great Basin Resource

Advisory Council area of Nevada to establish significant progress toward conformance with the Standards for Rangeland Health for Upland Sites and Habitat.

2. Continue to collect seasonal distribution/actual use data for wild horses within the Antelope Valley and Antelope HMAs.

Rationale: In 1991, intensive seasonal distribution flights began within the Elko District. These census flights have provided valuable information on horse movements and should continue until the AML for the entire herd management area is set through the allotment evaluation process.

Authority for the actions described in this proposed decision is found in Section 3(a) and (b) of the Wild Free-Roaming Horse and Burro Act, as amended, and 43 CFR Parts 4700.0-6(a) and (d), 4710.1, 4710.2, 4710.4, and 4720.1.

In accordance with 43 CFR 4770.3 (a) which states:

"Any person who is adversely affected by a decision of the authorized officer in the administration of these regulations may file an appeal. Appeals and petitions for stay of a decision of the authorized officer must be filed within 30 days of receipt of the decision in accordance with 43 CFR Part 4."

Although these regulations do not provide for a protest, for the purpose of consistency, this Multiple Use Decision is issued as a Proposed Decision. Subsequent to the protest period (15 days from receipt of the proposed decision), a Final Decision will be issued. Therefore, should you wish to protest this decision, you are allowed fifteen (15) days, from receipt, to file your reasons as to why the proposed decision is in error with the Bureau of Land Management, Clinton R. Oke, Assistant District Manager for Renewable Resources, 3900 Idaho Street, Elko, Nevada, 89801.

Sincerely yours,



CLINTON R. OKE, Assistant District Manager
Renewable Resources

Enclosures: Appendix 1
Appendix 2

cc: Animal Protection Institute
Paul Bottari
Commission for the Preservation of Wild Horses
Elko Board of County Commissioners
Ely District Office, BLM

Advisory Council area of Nevada to establish significant progress toward conformance with the Standards for Rangeland Health for Upland Sites and Habitat.

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Rationale: In 1991, intensive seasonal distribution flights began within the Elko District. These census flights have provided valuable information on horse movements and should continue until the AML for the entire herd management area is set through the allotment evaluation process.

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Sincerely yours,



CLINTON R. OKE, Assistant District Manager
Renewable Resources

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Paul Bottari
Commission for the Preservation of Wild Horses
Elko Board of County Commissioners
Ely District Office, BLM

L. Derral Christensen
Nev. Cattlemen's Assoc./Nev. Land Action Assoc.
Nevada Division of Wildlife -Ely
Nevada Woolgrowers Assoc.
Nevada State Division of Agriculture
Nevada State Clearinghouse
Resource Concepts Inc.
U.S. Fish and Wildlife Service
USDA Natural Resources Cons. Service
Wild Horse Spirit
Bob Wilson, UNR Cooperative Extension
White Pine Co. Board of Commissioners
Charles and John Young
Wells Resource Area Grazing Assoc.

APPENDIX 1

The following objectives apply to the Badlands and Goshute Mountain Allotment:

1. Standards for Rangeland Health. Standards apply to both allotments..

Standard 1. Upland Sites: Upland soils exhibit infiltration and permeability rates that are appropriate to soil type, climate, and land form.

Standard 2. Riparian and Wetland Sites: Riparian and wetland areas exhibit a properly functioning condition and achieve state water quality criteria.

This standard does not apply to the Badlands and Goshute Mountain Allotments because there are neither riparian nor wetland sites on either allotment.

Standard 3. Habitat: Habitats exhibit a healthy, productive, and diverse population of native and/or desirable plant species, appropriate to the site characteristics, to provide suitable feed, water, cover, and living space for animal species and maintain ecological processes. Habitat conditions meet the life cycle requirements of threatened and endangered species.

Standard 4. Cultural Resources: Land use plans will recognize cultural resources within the context of multiple use.

Badlands

2. General Land Use Plan (LUP) Objectives

- a. Provide for livestock grazing consistent with other uses.
- b. To manage wild horses outside of checkerboard areas where land ownership patterns are not a problem for management.
- c. Manage wild horses within HMAs to maintain a thriving natural ecological balance consistent with other resource needs.
- d. Conserve and/or enhance wildlife habitat to the maximum extent possible.

- e. Eliminate all of the fencing hazards in crucial big game habitat, most of the fencing hazards in non-crucial big game habitat.
- f. Eliminate all of the high and medium priority terrestrial riparian habitat conflicts in coordination with other resource uses.
- g. Prevent undue degradation of all riparian habitat due to other uses.
- h. Lands with woodland products will be managed under the principle of sustained yield, maintaining an allowable harvest to provide a permanent source of wood products for future generations.

3. Rangeland Program Summary (RPS) Objectives

- a. Manage livestock to maintain present ecological status and trend.
- b. Provide forage to sustain the total number of AUMs specified livestock grazing for the Badlands Allotment.
- c. If necessary, adjust season of use on white sage areas.
- d. Maintain roads for access.
- e. Manage rangeland habitat to provide forage for wildlife (pronghorn, 10 AUMs).
- f. Facilitate big game movements by fence modification (1.1 miles).
- h. Manage for a wild horse herd size which will maintain a thriving ecological balance consistent with other multiple uses while remaining within the wild horse herd management area.
- i. Delineate and manage wild horses in four HMAs as follows: Antelope Valley Herd Area (includes 44 percent of the former Cherry Creek Herd Area); Goshute Herd Area; Maverick-Medicine Herd Area (includes 56 percent of the former Cherry Creek Herd Area); and Spruce-Pequop Herd Area.
- j. Remove sufficient wild horses to attain the initial herd size and maintain populations at a level which will maintain a thriving natural ecological balance consistent with other resource values.

4. Allotment Specific Objectives

Badlands Allotment

a. Range Key Area Objectives

BA-01

1. Short term: Improve trend by 2002.
Long term: Show statistically significant upward trend by 2007.
2. Improve ecological status from mid-seral (25-50% of PNC) to late seral (51-75% of PNC) by 2007.

BA-02

1. Short term: Improve trend by 2002.
Long term: Show statistically significant upward trend by 2007.
2. Improve ecological status from late seral to PNC (76-100%) by 2007.

Key species within the Badlands Allotment		
SPECIES CODE	COMMON NAME	SCIENTIFIC NAME
ORHY	Indian ricegrass	<i>Oryzopsis hymenoides</i>
ARARN	black sage	<i>Artemisia arbuscula nova</i>
EULA5	white sage	<i>Eurotia lanata</i>

Goshute Mountain Allotment

5. Land Use Plan Objectives

- a. Manage the vegetation resource and its uses to attain utilization rates not to exceed those recommended by the Nevada Rangelands Monitoring Task Force for sustained yield. For more information please refer to the Nevada Rangeland Monitoring Handbook.
- b. Attain and maintain habitat for reasonable numbers of wildlife, re-establish bighorn, pronghorn antelope, and elk on historic ranges, and protect crucial wildlife habitat.

- c. Upgrade and maintain all riparian and wetland areas in good or better condition.
- d. Maximize livestock based on sustained yield of the forage resource.
- e. Maximize wild horse numbers based on sustained yield of the forage resource.

6. Allotment Specific Objectives

a. Livestock

1. The short term objective will be accomplished through managing the allowable use level (AUL) by season of use to improve or maintain the desired vegetation community.
2. The long term objective is to improve those acres in poor or fair livestock forage condition and maintain all acres presently in good livestock forage condition by managing for those seral stages.

b. Wild Horses

1. The short term objective will be accomplished through managing the allowable use level (AUL) by season of use to improve or maintain the desired vegetative community.
2. The long term objective is to manage for the most appropriate seral stage to provide desired quantity, quality, variety, and density of forage in order to meet the requirements of the wild horses.

c. Pronghorn Antelope

1. The short term objective is to limit use on key species listed for pronghorn antelope to 60% for perennial grasses, grass-like plants, and forbs, and to 50% for shrubs for winter season of use (refer to Table 5, Section III. D. of the allotment evaluation for identification of key species).
2. The long term objective is to maintain vegetation quality rating and diversity index of forage species on pronghorn antelope range at over 30 points to achieve at least fair habitat condition.

7. Site Specific Objectives

a. KA-01

Short term: Limit utilization by livestock to an allowable use level of 60% on ORHY and 50% on ARARN for a winter season of use .

Long term: Establish a composition of 2-5% for the key species ORHY. Maintain a composition of ARARN at 30% or below. Improve the ecological condition from a mid to a late seral stage (51-75%).

Key species within the Goshute Mountain Allotment		
SPECIES CODE	COMMON NAME	SCIENTIFIC NAME
ORHY	Indian ricegrass	<i>Oryzopsis hymenoides</i>
ARARN	black sage	<i>Artemisia arbuscula nova</i>

8. Antelope Valley/Antelope Herd Management Area Plan (HMAP) Objectives

The Goshute Mountain Allotment is within the Ely District's Antelope HMA.

The objectives are the same as those listed for the Antelope Valley HMA with the exception of the Appropriate Management Level.

a. Habitat Objectives

1. Vegetation

Provide forage adequate to carry wild horses and livestock through the winter use period without exceeding the utilization objectives of 60% on key grass species and 50% on shrub species. This is in accordance with the Nevada Rangeland Monitoring Handbook.

In the combined winter use areas (of which the entire Badlands Allotment is a part), the utilization objective for wild horses, prior to the entry of livestock which occurs between November 1 and December 31, has been established at 10%.

2. Distribution and Water Availability

Improve distribution and provide water yearlong for wild horses throughout each HMA where possible.

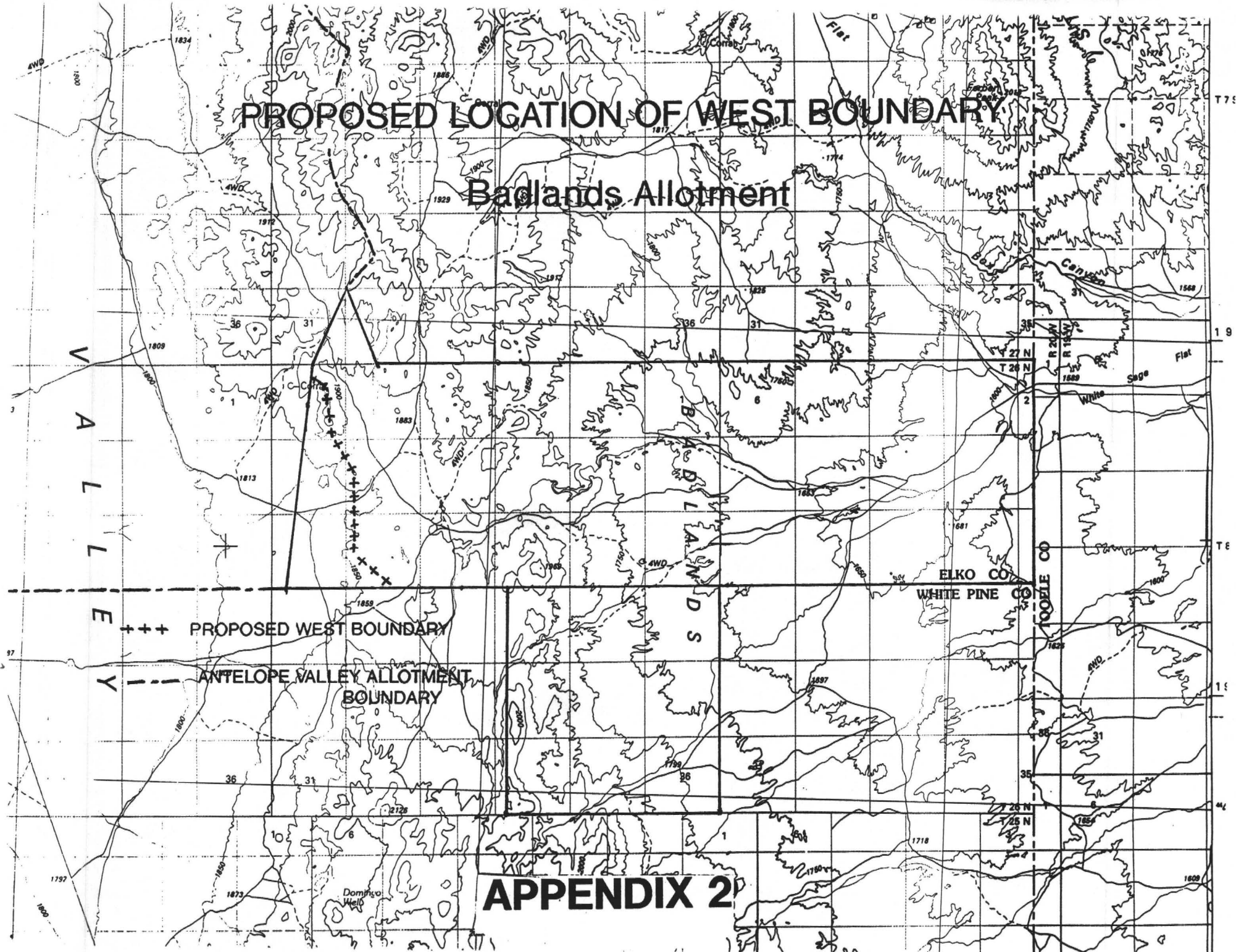
b. Wild Horse Objectives

1. Multiple Use

The objective in the Antelope Valley and Antelope HMAs is to maintain a healthy, viable population of wild horses in a thriving, natural ecological balance with all other resources and users.

PROPOSED LOCATION OF WEST BOUNDARY

Badlands Allotment



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+++ PROPOSED WEST BOUNDARY
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APPENDIX 2

ELKO CO
WHITE PINE CO

TOOELE CO