

Miller Flat HMA

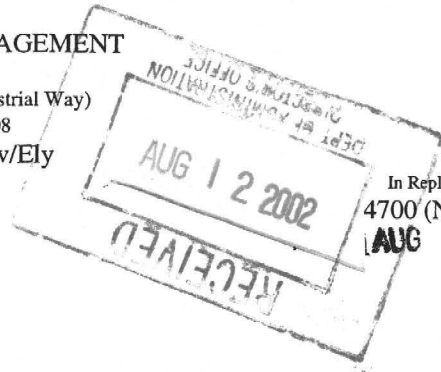


United States Department of the Interior

8-12-02
8/9/02

BUREAU OF LAND MANAGEMENT

Ely Field Office
HC 33 Box 33500 (702 No. Industrial Way)
Ely, Nevada 89301-9408
<http://www.nv.blm.gov/Ely>



In Reply Refer To:
4700 (NV-042)
AUG 9 2002

Dear Interested Public:

The majority of Lincoln County, Nevada has received approximately 25 percent of normal moisture for the current year, and the area has received less than 3 inches of precipitation for the last 8 months. The area has also recorded above average temperatures since April. The dry conditions have resulted in very little or no green up of forage this year. Livestock permittees have either not turned out livestock, have reduced numbers, and the majority are voluntarily removing cattle from all effected allotments.

The Ely Field Office is proposing to initiate emergency wild horse gathers within the boundaries of the Clover Mountain, Clover Creek, Meadow Valley Mountains, Little Mountain, and Miller Flat wild horse Herd Management Areas (HMAs). This action would help to prevent the stress and possible death of wild horses from a lack of water and forage, and reduce horse related grazing damage on forage resources during this critical drought period.

The overall concern is that the horses would not have sufficient feed and water to survive the summer and that they would severely impact the perennial vegetation within the allotments. The current proposed method of capture would be to water (bait) trap the horses in each of the areas. Helicopter trapping would be used in the event that water trapping is an ineffective means of removing the animals or if the condition of the animals declines significantly.

Enclosed is the Decision Record (DR) and Finding of No Significant Impact (FONSI) for the Clover Mountain, Clover Creek, Meadow Valley Mountains, Little Mountain, and Miller Flat Herd Management Areas Drought Emergency Gather Plan. Attached is a copy of the associated Environmental Assessment (EA). If you have any questions regarding this decision, please contact Alan Shepherd at 775-726-8121 or Jared Bybee at 775-289-1843.

Sincerely,

James M. Perkins
Assistant Field Manager
Renewable Resources

Enclosures (2):

1. DR/FONSI and Emergency Gather Plan EA
2. Form 1842-1



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Ely Field Office
702 North Industrial Way, HC 33 Box 33500
Ely, NV 89301-9408
<http://www.nv.blm.gov>

In Reply Refer To:
4710.4 (NV-042)

DECISION RECORD (DR) AND FINDING OF NO SIGNIFICANT IMPACT (FONSI)

**Clover Mountain, Clover Creek, Meadow Valley Mountains, Little Mountain, And Miller Flat Herd
Management Areas (HMAs) Drought Emergency Gather Plan
Ely Field Office**

ENVIRONMENTAL ASSESSMENT NV 040/02/079

August 8, 2002

INTRODUCTION

The Bureau of Land Management (BLM) Ely Field Office proposes an emergency gathering of wild horses within the boundaries of the Clover Mountain, Clover Creek, Meadow Valley Mountains, Little Mountain, and Miller Flat wild horse Herd Management Areas (HMAs).

The emergency gather operations would be conducted within portions of the Clover Creek, Mustang Flat, Cottonwood, and Sheep Flat Allotments of the Clover Creek and Clover Mountain HMAs to alleviate concerns over animal health due to severe drought conditions on approximately 20 horses with body condition scores of Class 3 or less based on the Henneke Condition Class scoring system. The current population of wild horses within the HMAs is 57 horses based upon 2001 census and approximately 20-25 of these animals are within the emergency gather areas.

The emergency gather operations would be conducted within portions of the Little Mountain, Rabbit Spring, Clover Creek, and Oak Wells Allotments of the Miller Flat and Little Mountain HMAs to alleviate concerns over animal health due to severe drought conditions on approximately 20 horses with body condition scores of Class 3 or less based on the Henneke Condition Class scoring system. The current population of wild horses within these HMAs is 127 horses based upon 2001 census, and approximately 20-25 of these animals are within the emergency gather areas.

The emergency gather operations will be conducted within the Meadow Valley Mountains HMA to alleviate concerns over animal health due to severe drought conditions on approximately 30 horses with body condition scores of Class 3 or less based on the Henneke Condition Class scoring system. The current population of wild horses within the HMAs is 30 horses based upon 2001 census.

Documents containing this information are filed at the Ely Field Office and/or Caliente Field Station.

SUMMARY OF PROPOSED ACTION

The proposed action is to remove 20 wild horses from within the Clover Complex, 20 wild horses from the Miller Complex, and 30 wild horses from the Meadow Valley Mountains HMA due to severe drought conditions existing within these areas. The primary objective is to remove the most critical body condition (body class #3) horses captured and transport them to BLM holding facilities to be prepared for adoption. Due to the deteriorating body conditions of the horses and their extremely weakened physical health, it may be necessary to humanely euthanize some individual animals in the field and/or at the trap site. All animals identified for euthanasia would be euthanized according to established BLM guidelines (W.O. IM. 2001-165) and veterinary protocols. Gather operations would start in the Meadow Valley Mountains HMA as these horses are in the most critical body condition and then proceed to the other identified HMAs in no specific order. All horses captured would be transported to BLM holding facilities and prepared for adoption.

Multiple capture sites (traps) would be used to capture wild horses from the allotments. Whenever possible, capture sites would be located in previously disturbed areas. All capture and handling activities (including capture site selections) would be conducted in accordance with Standard Operating Procedures. The emergency removal of wild horses is tentatively scheduled to commence on August 16, 2002, and last approximately 30 days.

DECISION RECORD

As a result of the analysis presented in the EA, it is my decision to approve the Proposed Action as stated. Only wild horses within the Clover Creek, Mustang Flat, Cottonwood, and Sheep Flat Allotments of the Clover Creek and Clover Mountain HMAs, Little Mountain, Rabbit Spring, Clover Creek, and Oak Wells Allotments of the Miller Flat and Little Mountain HMAs, and within the Meadow Valley Mountains HMA will be gathered due to the emergency conditions. No horses will be gathered from the remaining portions of the identified HMAs under the Proposed Action unless animal health conditions continue to deteriorate in these areas and action is necessary to alleviate the concerns.

Rationale: The proposed action is being selected to prevent further deterioration of the health and condition of the wild horses within the emergency area, as well as the health of the vegetative resources during drought conditions.

Selection of the No Action alternative would not be consistent with BLM legal mandates, which state, "Wild horses and burros shall be managed as self-sustaining populations of healthy animals in balance with other uses and the productive capacity of their habitat." (Title 43, CFR, 4700.0-6(a)).

This alternative is not acceptable to the Bureau nor most members of the public. The Bureau realizes that some members of the public advocate "letting nature take its course", however, allowing wild horses to die of dehydration and starvation would be inhumane treatment and clearly indicates that an overpopulation of wild horses exists in the HMA. The Wild Free-Roaming Horse and Burro Act of 1971 mandates the Bureau to "prevent the range from deterioration associated with overpopulation", and "remove excess horses in order to preserve and maintain a thriving natural ecological balance and multiple use relationships in that area".

The No Action alternative would not comply with the Mojave-Southern Great Basin RAC Standards and Guidelines for Rangeland Health and Healthy Wild Horse and Burro Populations, which require that "*Wild horses and burros exhibit characteristics of a healthy, productive, and diverse population. Age structure and sex ratios are appropriate to maintain the long term viability of the population as a distinct group. Herd management areas are able to provide suitable feed, water, cover and living space for wild horses and burros and maintain historic patterns of habitat use*".

FINDING OF NO SIGNIFICANT IMPACT

Based on the analysis in the EA, I have determined there will not be significant impact to the quality of the human environment; therefore, an environmental impact statement is not required.

Rationale: My finding of no significant impact is based on the following:

The action will not affect public health or safety.

The action will have no adverse effects on such unique characteristics as cultural or historic resources, wetlands, wild and scenic rivers, wilderness study areas, or areas of critical environmental concerns.

The action will have no adverse effects on federally listed threatened or endangered species, or on designated critical habitat for these species.

The action will not threaten a violation of Federal, State, or local law or requirements imposed for the protection of the environment.

REMOVAL DECISION

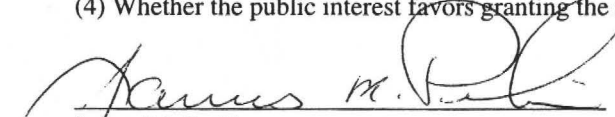
In accordance with 43 CFR 4770.3 (c), this constitutes my final decision to gather wild horses within portions of the Clover Creek, Clover Mountain, Miller Flat, Little Mountain, and Meadow Valley Mountains HMAs and is placed in full force and effect.

This decision may be appealed to the Interior Board of Land Appeals, Office of the Secretary, in accordance with the regulations at 43 CFR, Part 4. If an appeal is taken, your appeal must be filed with the Bureau of Land Management, Ely Field Office, HC33 Box 33500, Ely, Nevada, 89301, within 30 days from receipt of this decision. The appellants have the burden of showing that the decision appealed from is in error.

If you wish to file a petition pursuant to regulation 43 CFR 4.21 (58 FR 4939, January 19, 1993) for a stay (suspension) of the effectiveness of this decision during the time that your appeal is being reviewed by the Board, the petition for a stay must accompany your notice of appeal. Copies of the notice of appeal and petition for a stay must also be submitted to the Interior Board of Land Appeals, Office of Hearings and Appeals, 4015 Wilson Boulevard, Arlington, VA 22203, and to the Office of the Solicitor, U.S. Department of the Interior, Suite 6201, Federal Bldg., 125 South State St., Salt Lake City, Utah, 84138, at the same time the original documents are filed with this office.

If you request a stay, you have the burden of proof to demonstrate that a stay should be granted. A petition for a stay of a decision pending appeals shall show sufficient justification based on the following rules:


- (1) The relative harm to the parties if the stay is granted or denied,
- (2) The likelihood of the appellant's success of the merits,
- (3) The likelihood of immediate and irreparable harm if the stay is not granted, and
- (4) Whether the public interest favors granting the stay.



 James M. Perkins
 Assistant Field Manager for Renewable Resources
 Ely Field Office

8/9/02

 Date



 Gene A. Kolkman
 Field Manager
 Ely Field Office

8/9/02

 Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

INFORMATION ON TAKING APPEALS TO THE BOARD OF LAND APPEALS

DO NOT APPEAL UNLESS

1. This decision is adverse to you,
AND
2. You believe it is incorrect

IF YOU APPEAL, THE FOLLOWING PROCEDURES MUST BE FOLLOWED:

1. NOTICE OF APPEAL Within 30 days file a *Notice of Appeal* in the office which issued this decision (see 43 CFR Secs. 4.411 and 4.413). You may state your reasons for appealing, if you desire.

2. WHERE TO FILE

NOTICE OF APPEAL..... Bureau of Land Management
Ely Field Office
Attn: James M. Perkins
HC 33, Box 33500
Ely, Nevada 89301-9408

SOLICITOR

ALSO COPY TO..... Office of the Solicitor
Attn: John Steiger
6201 Federal Building
125 South State Street
Salt Lake City, Utah 84138

3. STATEMENT OF REASONS.. Within 30 days after filing the *Notice of Appeal*, file a complete statement of the reasons why you are appealing. This must be filed with the United States Department of the Interior. Office of the Secretary, Board of Land Appeals, 801 North Quincy St., Suite 300, Arlington, VA 22203 (see 43 CFR Sec. 4.412 and 4.413). If you fully stated your reasons for appealing when filing the *Notice of Appeal*, no additional statement is necessary.

SOLICITOR

ALSO COPY TO.... Office of the Solicitor
John Steiger
6201 Federal Building
125 South State Street
Salt Lake City, Utah 84138

4. ADVERSE PARTIES..... Within 15 days after each document is filed, each adverse party named in the decision and the Regional Solicitor or Field Solicitor having jurisdiction over the State in which the appeal arose must be served with a copy of: (a) the *Notice of Appeal*, (b) the Statement of Reasons, and (c) any other documents filed (see 43 CFR Sec. 4.413). Service will be made upon the Associate Solicitor, Division of Energy and Resources, Washington D.C. 20240, instead of the Field or Regional Solicitor when appeals are taken from decisions of the Director (WO-100).

5. PROOF OF SERVICE..... Within 15 days after any document is served on an adverse party, file proof of that service with the *United States Department of the Interior. Office of the Secretary, Board of Land Appeals, 801 North Quincy St., Suite 300, Arlington, VA 22203*. This may consist of a certified or registered mail "Return Receipt Card" signed by the adverse party (see 43 CFR Sec. 4.401(c)(2)).

Unless these procedures are followed your appeal will be subject to dismissal (see 43 CFR Sec. 4.402). Be certain that all communications are identified by serial number of the case being appealed.

NOTE: A document is not filed until it is actually received in the proper office (see 43 CFR Sec. 4.401(a)).

SUBPART 1821.2—OFFICE HOURS, TIME AND PLACE FOR FILING

Sec. 1821.2-1 Office hours of the State Offices. (a) State Offices and the Washington Office of the Bureau of Land Management are open to the public for the filing of documents and inspections of records during the hours specified in this paragraph on Monday through Friday of each week, with the exception of those days where the office may be closed because of a national holiday or Presidential or other administrative order. The hours during which the State Offices and the Washington Office are open to the public for the filing of documents and inspection of records are from 10 a.m. to 4 p.m., standard time or daylight savings time, whichever is in effect at the city in which each office is located.

Sec. 1821.2-2(d) Any document required or permitted to be filed under the regulations of this chapter, which is received in the State Office or the Washington Office, either in the mail or by personal delivery when the office is not open to the public shall be deemed to be filed as of the day and hour the office next opens to the public.

(e) Any document required by law, regulation, or decision to be filed within a stated period, the last day of which falls on a day the State Office or Washington Office is officially closed, shall be deemed to be timely filed if it is received in the appropriate office on the next day the office is open to the public.

.....
Sec 43 CFR 4.21 for appeal general provisions.

U.S. DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

ELY FIELD OFFICE

**CLOVER MOUNTAIN, CLOVER CREEK, MEADOW VALLEY MOUNTAIN, LITTLE
MOUNTAINS, AND MILLER FLAT HERD MANAGEMENT AREAS (HMAs)
DROUGHT EMERGENCY GATHER PLAN AND ENVIRONMENTAL ASSESSMENT**

NV/040/02/079

Alan Shepherd

August 2002

Background Information

With passage of the Wild Free Roaming Horse and Burro Act of 1971 (Public Law 92-195), Congress found "...wild free roaming horses and burros are living symbols of the historic and pioneer spirit of the West...". In addition, the Secretary was ordered to "...manage wild free-roaming horses and burros in a manner that is designed to achieve and maintain a thriving natural ecological balance on the public lands...". From the passage of the Act, through the present day, the Bureau of Land Management (BLM) Ely Field Office has endeavored to meet the requirements of the Act. The procedures and policies implemented to accomplish this mandate have been constantly evolving over the years.

This document has been prepared to assess the environmental impacts of gathering and removing wild horses from portions of the Clover Creek, Clover Mountain, Meadow Valley Mountains, Little Mountain, and Miller Flat Herd Management Areas (HMAs) that are affected by severe drought conditions.

The majority of Lincoln County, Nevada has received less than 25% of normal moisture for the current year and the area has received less than 3 inches of precipitation for the last 8 months. The area has recorded above average temperatures since April. The dry conditions have resulted in very little or no green up of forage for this year. The Clover Creek and Clover Mountain HMAs (Clover Complex) are located southeast of Caliente, Nevada (see map in Appendix III). These HMAs contain all or portions of the Clover Creek, Cottonwood, Sheep Flat, Pennsylvania, Sawmill Canyon, Mustang Flat, and Sand Hills Allotments and covers approximately 209,370 acres of public lands. The HMAs have an estimated population of 57 wild horses based upon March 2001 census. Formal drought tours have been conducted within the Sheep Flat Allotment. Monitoring of drought conditions within the remaining allotments has been conducted to identify vegetation resource concerns as well as water availability within the HMAs. Based upon information obtained on these tours, there is a necessity to take action on portions of the Clover Creek, Mustang Flat, Cottonwood, and Sheep Flat Allotments to alleviate concerns over animal health on approximately 20 horses with body condition scores of Class 3 or less based on the Henneke Condition Class scoring system (see attached scoring chart in Appendix II). Action is also needed to reduce grazing stress on forage resources during this critical period of drought within these areas of concern.

The Little Mountain and Miller Flat HMAs (Miller Complex) are located northeast of Caliente, Nevada (see map in Appendix III). These HMAs contain all or portions of the Little Mountain, Peck, Panaca Cattle, Roadside, White Hills, Oak Wells, Rabbit Spring, Sheep Spring, Clover Creek, and Uvada Allotments and covers approximately 145,739 acres of public lands. The HMAs have an estimated population of 127 wild horses based upon March 2001 census. Formal drought tours have been conducted within the Uvada Allotment. Monitoring of drought conditions within the remaining allotments has been conducted to identify vegetation resource concerns as well as water availability within the HMAs. Based upon information obtained on these tours, there is a necessity to take action on portions of the Little Mountain, Rabbit Spring, Clover Creek, and Oak Wells Allotments to alleviate concerns over animal health on approximately 20 horses with body condition scores of Class 3 or less based on the Henneke

Condition Class scoring system. Action is also needed to reduce grazing stress on forage resources during this critical period of drought within these areas of concern.

The Meadow Valley Mountains HMA is located approximately 25 miles south of Caliente, Nevada (see map in Appendix III). This HMA covers the western half of the Henrie Complex Allotment and contains approximately 94,966 acres of public lands. Approximately 60% of the HMA is contained within the Meadow Valley Mountains Wilderness Study Area (WSA). The HMA has an estimated population of 30 wild horses based upon March 2001 census. Monitoring of drought conditions within the HMA has been conducted to identify vegetation resource concerns since April 2002. A formal drought tour was conducted within the area on July 27, 2002. Based upon information obtained on these tours, there is a necessity to take action to alleviate concerns over animal health on approximately 30 horses with body condition scores of Class 3 or less based on the Henneke Condition Class scoring system. Action is also needed to reduce grazing stress on forage resources during this critical period of drought within these areas of concern.

Drought conditions have resulted in extremely limited green forage and significantly reduced water supplies within these HMAs. Large portions of these HMAs have not received any livestock grazing within the past year and in some allotments 15-20 years. The portions of the HMAs where the conditions are the most critical have only received wild horse use. Utilization on last year's forage is over 80 percent in most accessible areas. The horses are reliant upon small springs (less than a 1/2 gallon/minute flow) and/or small stream channels showing significantly reduced flows. Both the spring sources and small streams are drying up due to the drought conditions and would be unable to support the wild horses and wildlife currently present in the area through the drought season. There is currently no livestock authorized within the critically effected areas of the HMAs.

The Henrie Complex Evaluation/Final Multiple Use Decision (FMUD) (1999) established an appropriate management level (AML) for the Meadow Valley Mountains HMA at zero (0) wild horses. The Miller Flat HMA Evaluation/FMUD (2000) established an appropriate management level (AML) for the Miller Flat HMA at 30 wild horses. The AMLs for the Little Mountain, Clover Creek, and Clover Mountain HMA have not been established and they will not be established prior to the commencement of the emergency gather operations.

Need for the Proposal

The need for this action is to prevent the stress and possible death of wild horses from a lack of water and forage, and to reduce grazing stress on forage resources during this critical period of drought.

Relationship to Planning

The proposed action is in conformance with the Caliente Management Framework Plan (MFP), Caliente Grazing Environmental Statement (ES), and subsequent Record of Decision (ROD) dated 1982. The proposed action is consistent with the Lincoln County Public Land and Natural Resource Management Plan as adopted by the Board of County Commissioners of Lincoln

County, December 5, 1997. The proposed action is also consistent with the Strategic Plan for Management of Wild Horses and Burros on Public Lands, dated June 1992, and the "Lincoln County Elk Management Plan" dated July 1999. It is consistent with federal, state, and local laws, regulations, and plans to the maximum extent possible.

Issues

The issues are the effects on wild horses' overall health and perennial plant health.

Proposed Action and Alternatives

Proposed Action

The proposed action is to remove 20 wild horses from within the Clover Complex, 20 wild horses from the Miller Complex, and 30 wild horses from the Meadow Valley Mountains HMA due to severe drought conditions existing within these areas. The primary objective is to capture the most critical body condition (body class #3) horses and transport them to BLM holding facilities to be prepared for adoption. Due to the deteriorating body conditions of the horses and their extremely weakened physical health, it may be necessary to humanely euthanize some individual animals in the field and/or trap site. All animals identified for euthanasia would be euthanized according to established BLM guidelines (W.O. IM. 2001-165) and veterinary protocols. Gather operations would start in the Meadow Valley Mountains HMA, as these horses are in the most critical body condition, and then proceed to the other identified HMAs in no specific order.

The Meadow Valley Mountains HMA has an estimated population of 30 wild horses and this HMA has been managed for zero (0) wild horses since 1999 due to inadequate habitat for wild horses. The overall concern is that the horses' deteriorating body condition scores due to insufficient feed would not allow the survival of the horses through the remainder of the summer and coming winter.

The Clover Complex and Miller Complex of HMAs have an estimated population of 57 and 127 wild horses, respectively. The overall concern is that deteriorating body condition scores of approximately 20 horses in each of these complexes would not allow the survival of these horses through the remainder of the summer and coming winter. The declining body condition is caused by insufficient amounts of forage due to the current drought. The majority of horses in critical condition seemed to be associated with the area surrounding Clover Creek Canyon, which is the common boundary between the two areas. The gather operation will target those horses with declining body condition. The remaining horses within the HMAs would continue to be monitored until drought conditions subside or action is taken to remove additional animals due to declining health.

The current proposed method of capture is to water trap the horses in each of the areas. Helicopter trapping would be used should bait trapping prove to be an ineffective means of removing the animals or if animal body condition scores decline significantly.

The purpose of this plan is to outline the methods and procedures to be used in the capture/removal process. Multiple capture sites (traps) would be used to capture the wild horses. Whenever possible, capture sites would be located in previously disturbed areas. All capture and handling activities (including capture site selections) would be conducted in accordance with the SOPs described in Appendix I. The removal of the wild horses is tentatively scheduled to commence on August 12, 2002 and last approximately 30 days or however long it takes to capture the identified number of horses.

In order to facilitate the removal of the wild horses within the Meadow Valley Mountains HMA and Meadow Valley Mountains WSA, it is necessary to make minor repairs to an existing two-track road within Hackberry Canyon. The repairs will make it possible for a truck and horse trailer to get to Upper Hackberry Spring. The existing road winds through the active gravel wash in the bottom of Hackberry Canyon for 4-5 miles along the extreme southern boundary of the HMA. It is anticipated that the necessary disturbance and repairs would be limited to the movement of large rocks, leveling of high and low spots in the trail, and pruning of brush and trees. This work would be attempted with the use of hand tools, first, or with a small backhoe tractor, if hand tools prove ineffective. The majority of this disturbance should be unnoticeable following the first active flooding event through the canyon. These disturbances would only occur during the capture period, which is anticipated to last 7-10 days within the WSA. To physically trap the horses, it will be necessary to construct a small trap (30' x 30') around the Upper Hackberry Spring source with portable corral panels. It would be necessary to put up some type of temporary barrier (for example plastic surveyor's flagging and t-posts) around the Lower Hackberry Spring source to detour their use and move them to the trap site. Following the completion of the trapping, all trapping equipment and barriers would be removed.

All capture and handling activities (including capture site selections) within the desert tortoise habitat associated with the Meadow Valley Mountains HMA would be conducted in accordance with the SOPs described in Appendix II.

No Action Alternative

This alternative consists of no direct management of wild horse numbers due to the drought conditions and declining health. Wild horses would be allowed to regulate their numbers naturally through predation, disease, and forage, water and space availability. Gather operations would not be conducted.

Description of The Affected Environment

Clover Complex

The Clover Complex of HMAs is approximately 209,307 total acres in size. Elevations range from 4,500 feet to 7,500 feet. Vegetation within the allotments is typical of the Great Basin types with Wyoming big sage/grass, forestlands (pinyon pine/juniper), mountain brush, and mixed bunch grasses. These HMAs contain extensive stands of pinyon pine and juniper (P/J) trees. These communities have a very limited understory of sagebrush and other mountain shrubs and a small amount of grass. Small, scattered clearings within the P/J are dominated by

sagebrush and rabbitbrush communities with grass (western wheatgrass, ricegrass, and bluegrasses) in the understory. These scattered pockets of sagebrush supply the majority of the forage for the horses. Several large areas of the sagebrush and P/J have been chained and then planted with grass and forb species to increase the forage capacity for livestock and wildlife. Permanent water sources consist of very small springs (less than 1/2 gallon/minute flow). The project area lies within yearlong mule deer habitat.

Miller Complex

The Miller Complex of HMAs is approximately 145,739 total acres in size. Elevations range from 4,500 feet to 6,500 feet. The vegetation within the HMAs is typical of the Great Basin types with Wyoming big sage/grass, forestlands (pinyon pine/juniper), mountain brush, and mixed bunch grasses. The Miller Flat HMA contains extensive stands of pinyon pine and juniper (P/J) trees similar to that of the Clover HMAs. The Little Mountain HMA is dominated by black sagebrush and rabbitbrush communities with grass (western wheatgrass, ricegrass, and bluegrasses) in the understory. These sagebrush communities supply the majority of the forage for the horses from both HMAs. Permanent water sources consist of very small springs (less than 1/2 gallon/minute flow). The project area lies within yearlong mule deer habitat.

Meadow Valley Mountains

The Meadow Valley Mountains HMA is approximately 94,966 acres in size. Elevations range from 2,500 feet to 5,000 feet. The vegetation within the HMA is typical of the Mojave Desert types with extensive stands of blackbrush (approximately 80% of HMA), creosote bush, and desert brush. These communities have a very limited understory of perennial grasses (big galleta, purple three-awn, and ricegrass). The wild horses in this area are reliant upon annual grass production (red brome) in the late winter and spring to forage through the year. Permanent water sources consist of two (2) very small springs (less than 1/2 gallon/minute flow) in the extreme southern portion of the HMA and the intermittent flow of Meadow Valley Wash. The project area lies within desert tortoise (threatened species) and desert bighorn sheep habitat.

Environmental Consequences (Proposed Action & Alternatives)

The following critical elements of the human environment are not present and/or not affected by the proposed action: air quality, areas of critical environmental concern, environmental justice, prime or unique farmland, floodplains, Native American religious concerns, migratory birds, hazardous and solid wastes, wetlands, visual resource management (VRM), or wild and scenic rivers.

The following discussion identifies potential impacts related to both capture techniques (water and helicopter trapping) as described within the proposed action.

Vegetation, Soil, Water Quality (Drinking/Ground), and Riparian Areas

Proposed Action - Implementation of the proposed action would reduce the wild horse population within the identified HMAs. The proposed action would decrease the impact of hoof

action due to horses on the soil around unimproved springs, which should lead to an improvement in riparian habitat conditions. There would also be a reduction in hoof action on upland habitat areas and reduced competition for extremely limited forage and water sources.

Impacts to vegetation with implementation of the proposed action could include disturbance of native vegetation immediately in and around temporary trap sites and holding and processing facilities. Impacts could be by vehicle traffic and hoof action of penned horses, and could be locally severe in the immediate vicinity of the corrals or holding facilities. Generally, these activity sites would be small (less than one half acre) in size. Since most trap sites and holding facilities would be re-used during recurring wild horse gather operations, any impacts would remain site specific and isolated in nature. In addition most trap sites or holding facilities are selected to enable easy access by transportation vehicles and logistical support equipment and would therefore generally be adjacent to or on roads, pullouts, water haul sites, or other locations which have been previously disturbed. By adhering to the SOPs, adverse impacts to soils would be minimized.

No Action Alternative - The localized trampling associated with trap sites would not occur, however, with large numbers of wild horses being allowed to remain within the Clover Complex and Miller Complex during the drought conditions. Soil erosion would increase. Continued use within the area during these severe conditions would adversely impact soils, especially around the water locations. This continued use would lead to increased stress on forage plant species and degraded range conditions. Soil health and future productivity of the rangeland would be impacted. As native plant health deteriorates and plants are lost, soil erosion would increase. The shallow topsoil typical of this region cannot tolerate much soil loss without losing productivity and the ability to be re-vegetated with native plants. Invasive, non-native plant species would increase and invade new areas following increased soil disturbance and reduced native plant vigor and abundance. This would lead to both a shift in plant composition towards weedy species and an irreplaceable loss of topsoil and productivity from erosion.

Wildlife

Proposed Action - The proposed action would result in reduced competition with wildlife for limited forage and water resources as soon as the gather is completed. Temporary impacts during the gather could be displacement of big game and non-game mammals, but they would return after the gather. This displacement would be due to an increase in human activities and vehicle traffic as well as the noise of the helicopter (if helicopter trapping is used). These disturbances would only occur during the capture period.

No Action Alternative - Wildlife would not be displaced or disturbed under the no action alternative, however, there would be continued competition with wild horses for limited water and forage resources. Because wild horses are very aggressive around water sources, some wildlife species may not be able to compete. The continued competition for resources may lead to increased stress and possible relocation or death of native wildlife species.

Special Status Species

Proposed Action - The proposed action would result in reduced competition with the desert tortoise, a Federally listed threatened species, for limited forage as soon as the gather is completed within the Meadow Valley Mountains HMA. Temporary impacts during the gather could be displacement of desert tortoises by a qualified BLM biologist, but they could return after the gather. These disturbances would only occur during the capture period and would be lessened by pre-gather surveys of the proposed trap sites. Stipulations have been incorporated into the proposed action in order to mitigate potential impacts to desert tortoise during the gather (Appendix II).

No Action Alternative – Desert tortoises would not be displaced or disturbed under the no action alternative, however, there would be continued competition with wild horses for limited forage resources. The continued competition for forage resources may lead to increased stress and possible death of desert tortoises.

Wilderness

Proposed Action - The proposed action would result in the removal of wild horses within the Meadow Valley Mountains Wilderness Study Area (WSA). Temporary impacts associated with the gather on wilderness values could be disturbance of vegetation, construction of a portable corral trap (30' x 30') at Upper Hackberry Spring, a temporary barrier at Lower Hackberry Spring, and vehicle tracks and traffic as well as the noise of the helicopter (if helicopter trapping is used). It is anticipated that the necessary disturbance and repairs to the physical environment of the WSA would be limited to the movement of large rocks, leveling of high and low spots in the trail, and pruning of brush and trees. This work would be attempted with the use of hand tools, first, or with a small backhoe tractor if hand tools prove ineffective. Following the completion of the trapping, all trapping equipment and barriers would be removed. The majority of this disturbance should be unnoticeable following the first active flooding event through the canyon. These disturbances would only occur during the capture period, which is anticipated to last 7-10 days within the WSA.

No Action Alternative – Wilderness values would not be impacted by gather activities under the no action alternative, however, there would be continued impacts to these values and the natural environment due to wild horses. Native wildlife and plants would continue to be displaced and eliminated from the WSA due to competition with wild horses.

Livestock

Proposed Action - Gather operations would not impact livestock as there is currently no livestock grazing authorized within the HMAs. When the existing drought conditions subside and livestock grazing is authorized within these areas, competition for available forage between livestock and wild horses would be reduced with the implementation of the proposed action.

No Action Alternative - Livestock would not be affected under the no action alternative as there is no authorized livestock grazing within these areas. However, with the resumption of livestock

grazing following the drought closure period, there would be continued competition with wild horses for water and forage resources. Livestock operations would continue to be impacted if wild horse numbers are allowed to continue to increase without management within the HMAs.

Noxious Weeds and Invasive Non-Native Species

Proposed Action - The proposed gather may spread existing noxious weed species. This could occur if vehicles drive through infestations and spread seed into previously weed-free areas. BLM specialists would examine proposed trap sites and holding corrals prior to construction. If a noxious weed is found, the location of the facilities would be moved to a location with no noxious weeds.

No Action Alternative - Under this alternative, the wild horse gather would not take place. However, overgrazing and increased stress of the present plant communities during a severe drought period could lead to elimination of native plant species and an expansion of noxious weeds. Rangeland in poor condition provides less forage, and is susceptible to invasion by non-native weeds.

Cultural, Paleontological, and Historical Resources

Proposed Action - No impacts to cultural resources are anticipated to occur since all trap sites and holding facilities would be inventoried for cultural resources prior to construction. As stated in the SOPs, an archaeologist or a District Archeological Technician (DAT) would review all proposed and previously used trap sites and facility locations to determine if these sites have had a cultural resources inventory, and/or if a new inventory is required. If cultural resources are encountered at proposed trap site(s) or holding facility location(s), those location(s) would not be utilized unless it could be modified to avoid impacts to cultural resources.

No Action Alternative - Under this alternative, the wild horse gather would not take place and therefore, no trap sites or holding facilities would be constructed. Cultural resources would not be damaged as a result of the horse gather, however, wild horses can cause damage to cultural resources due to trampling, especially around water sources where the occurrence of cultural resources is often high.

Wild Horses

Proposed Action - Impacts to wild horses under the Proposed Action may occur to either the individual animals or the population as a whole. These impacts include handling stress associated with the gather, capture, and transportation of animals. The intensity of these impacts would vary by individual, and are indicated by behaviors ranging from nervous agitation to physical distress. Mortality of individuals from this impact is infrequent but does occur in one half to one percent of horses gathered in a given gather.

Due to the critically reduced body conditions of some horses, there is an increased likelihood of physical distress and mortality. Because of this increased physical distress and declining body

condition, some animals may not be able to be captured. These animals may need to be humanely euthanized in the field to ease their suffering.

No Action Alternative - Under this alternative, wild horses would not be gathered from the identified HMAs. The horses would not be subject to any individual direct or indirect impacts as described above as a result of a gather operation. However, allowing horses with reduced body condition scores (# Class 3) to remain within these HMAs during severe drought conditions would likely predispose the animals to death by starvation and dehydration.

The population of wild horses would compete for the available water and extremely limited forage resources. The mares and colts would be affected most severely. The areas closest to the water would experience severe utilization and degradation. Over the course of time, the animals would deteriorate in condition as a result of declining forage availability and the increasing distance traveled to forage. Many horses would likely die through the winter if average snowfall levels are received, especially foals and mares. The health of the wild horse herd population, the condition of the range, and other range users would be impacted. Further, heavy forage use would degrade rangeland resources.

Cumulative Impacts

Cumulative impacts are impacts on the environment, which result from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time. Implementation of the proposed action would reduce the wild horse population within the Clover Creek, Clover Mountain, Miller Flat, Little Mountain, and Meadow Valley Mountains HMAs. Implementation would reduce the physical distress of wild horses during a severe drought period. Implementation would also reduce stress on forage resources and would result in an increase in vegetation density, vigor, reproduction, productivity, and forage availability following the drought.

Past, present, and reasonably foreseeable activities which would be expected to contribute to the cumulative impacts of implementing the proposed action consists of continued livestock grazing in the associated allotments, fencing of riparian areas, and maintenance of existing range improvement projects. These past, present, and reasonably foreseeable activities would be expected to generate cumulative impacts to the proposed action by influencing the forage quality, abundance, and continuity within the HMAs.

These impacts would be expected to be marked by changes occurring slowly over time. The Ely Field Office would continue to identify these impacts as they occur, and mitigate them as needed on a project specific basis.

Mitigation Measures

The proposed action incorporates proven standard operating procedures, which have been developed over time. These SOPs (Appendix I) represent the "best methods" for reducing

impacts associated with gathering, handling, and transporting. Additional mitigation measures are not warranted.

Suggested Monitoring

Weed detection would be incorporated into normal monitoring activities.

Consultation and Coordination

Intensity of Public Interest and Record of Contacts

Richard Sewing - National Mustang Association
Dawn Lappin - Wild Horse Organized Assistance (WHOA)
Cathy Barcomb - Nevada Commission for the Preservation of Wild Horses
Friends of Nevada Wilderness

Internal District Review

Ely Field Office/Caliente Field Station Staff

Alan Shepherd	Wild Horses/Supervisory Natural Resource Specialist
Melissa Whittemore	Environmental Coordinator
Bill Smith	Wildlife Biologist/Riparian/T&E
Carolyn Sherve-Bybee	Cultural Resources
Bruce Winslow	Recreation/Wilderness
Kristin May	Soil/Air/Water
Karen Prentice	Noxious Weeds

APPENDIX I

STANDARD OPERATING PROCEDURES

All gathers would be conducted by contractors or agency personnel. The same procedures for gathering and handling wild horses and burros apply whether a contractor or BLM personnel are used. The following stipulations and procedures will be followed to ensure the welfare, safety and humane treatment of the wild horses and burros (WH&B) in accordance with the provisions of 43 CFR 4700.

Gathers are normally conducted for one of the following reasons:

1. Regularly scheduled gathers to obtain or maintain the Appropriate Management Level (AML).
2. Drought conditions that could cause mortality to WH&B due to the absence of water or forage, and where continued grazing may result in a downward trend to the vegetative communities due to plant mortality and reduced vigor and productiveness.
3. Fires that remove forage to the extent that there is inadequate forage to sustain the population or to allow recovery of native vegetation.
4. Utilization levels that reach a point where a continued increase in utilization would cause a downward trend in the plant communities and impede meeting standards for rangeland health.
5. Monitoring indicates that WH&B use would begin to cause a downward trend in riparian function or not permit the recovery of riparian vegetation determined to be in undesirable condition.

A. CAPTURE METHODS USED IN THE PERFORMANCE OF A GATHER –

Contract Operations

1. Helicopter - Drive Trapping

Capture attempts may be accomplished by utilizing a helicopter to drive animals into a temporary trap. If this method is selected the following applies:

- a. A minimum of two saddle-horses shall be immediately available at the trap site to accomplish roping if necessary. Roping shall be done as determined by the BLM. Under no circumstances shall animals be tied down for more than one hour.
- b. The contractor shall assure that bands remain together, and that foals shall not be left behind.

- c. A domestic saddle horse(s) may be used as a prada (or "Judas") horse to lead the wild horses into the trap site. Individual ground hazers may also be used to assist in the gather.

2. Helicopter - Roping

Capture attempts may be accomplished by utilizing a helicopter to drive animals to ropers. If this method is selected the following applies:

- a. Under no circumstances shall animals be tied down for more than one hour.
- b. The contractor shall assure that bands remain together, and that foals shall not be left behind.

BLM Conducted Gather - Non-Contract Operations

1. Gather operations will be conducted in conformance with the Wild Horse and Burro Aviation Management Handbook (March 2000).
2. Two-way radio communication between the helicopter and the ground crew will be maintained at all times during the operation.

B. Safety and Communications

1. The Contractor shall have the means to communicate with the BLM and all contractor personnel engaged in the capture of wild horses and burros utilizing a VHF/FM Transceiver or VHF/FM portable Two-Way radio. If communications are ineffective the government will take steps necessary to protect the welfare of the animals.
 - a. The proper operation, service and maintenance of all contractor furnished property is the responsibility of the Contractor. The BLM reserves the right to remove from service any contractor personnel or contractor furnished equipment which, in the opinion of the BLM violate contract rules, are unsafe or otherwise unsatisfactory. In this event, the Contractor will be notified in writing to furnish replacement personnel or equipment within 48 hours of notification. All such replacements must be approved in advance of operation by the BLM.
 - b. The Contractor shall obtain the necessary FCC licenses for the radio system.
 - c. All accidents occurring during the performance of any delivery order shall be immediately reported to the BLM.

2. Should the helicopter be employed, the following will apply:
 - a. The Contractor must operate in compliance with Federal Aviation Regulations, Part 91. Pilots provided by the Contractor shall comply with the Contractor's Federal Aviation Certificates, applicable regulations of the State in which the gather is located.
 - b. Fueling operations shall not take place within 1,000 feet of the animals.
 - c. At time of delivery order completion, the contractor shall provide the BLM with a completed copy of the Service Contract Flight Hour Report.

C. Trapping and Care

1. The primary concern of the contractor is the safe and humane handling of all animals captured. All capture attempts shall incorporate the following:
 - a. All trap and holding facilities locations must be approved by the BLM prior to construction. The Contractor may also be required to change or move trap locations as determined by the BLM. All traps and holding facilities not located on public land must have prior written approval of the landowner.
 - b. A cultural resources investigation by an archaeologist or an archaeological technician would be conducted prior to trap or holding facility construction. If cultural values are found, an alternative site would be selected.
 - c. Prior to facility (temporary traps and holding corrals) construction, the proposed locations would be examined for the presence of noxious weeds. If noxious weed infestations are present, the areas will be flagged, and the necessary facilities will be placed elsewhere in order to avoid the infested areas. The contractor and his personnel would also be instructed to avoid camping in or driving through known noxious weed infestations.
2. The rate of movement and distance the animals travel shall not exceed limitations set by the BLM who will consider terrain, physical barriers, weather, condition of the animals and others factors.
3. All traps, wings, and holding facilities shall be constructed, maintained and operated to handle the animals in a safe and humane manner and be in accordance with the following:
 - a. Traps and holding facilities shall be constructed of portable panels, the top of which shall not be less than 72 inches high for horses and 60 inches for

burros, and the bottom rail of which shall not be more than 12 inches from ground level. All traps and holding facilities shall be oval or round in design.

- b. All loading chute sides shall be a minimum of 6 feet high and shall be fully covered with plywood (without holes) or like material.
 - c. All runways shall be a minimum of 30 feet long and a minimum of 6 feet high for horses, and 5 feet high for burros, and shall be covered with plywood, burlap, plastic snow fence or like material a minimum of 1 foot to 5 feet above ground level for burros and 1 foot to 6 feet for horses. The location of the government furnished portable restraining chute to restrain, age, or provide additional care for animals shall be placed in the runway in a manner as instructed by or in concurrence with the BLM..
 - d. All crowding pens including the gates leading to the runways shall be covered with a material which prevents the animals from seeing out (plywood, burlap, etc.) and shall be covered a minimum of 1 foot to 5 feet above ground level for burros and 2 feet to 6 feet for horses. Eight linear feet of this material shall be capable of being removed or let down to provide a viewing window.
 - e. All pens and runways used for the movement and handling of animals shall be connected with hinged self-locking gates.
- 4. No fence modifications will be made without authorization from the COR/PI. The Contractor/BLM shall be responsible for restoration of any fence modifications he has made.
 - 5. When dust conditions occur within or adjacent to the trap or holding facility, the Contractor/BLM shall be required to wet down the ground with water.
 - 6. Alternate pens, within the holding facility shall be furnished by the Contractor to separate mares or jennies with small foals, sick and injured animals, and estrays from the other animals. Animals shall be sorted as to age, number, size, temperament, sex, and condition when in the holding facility so as to minimize, to the extent possible, injury due to fighting and trampling. Under normal conditions, the government will require that animals be restrained for the purpose of determining an animal's age or other similar practices. In these instances, a portable restraining chute will be provided by the government. Alternate pens shall be furnished by the Contractor to hold animals if the specific gathering requires the animals be released back into the capture area(s). In areas requiring one or more satellite traps, and where a centralized holding facility is utilized, the Contractor may be required to provide additional holding pens to segregate animals transported from remote locations so they may be returned to their

traditional ranges. Either segregation or temporary marking and later segregation will be at the discretion of the BLM.

7. The Contractor shall provide animals held in the traps and/or holding facilities with a continuous supply of fresh clean water at a minimum rate of 10 gallons per animal per day. Animals held for 10 hours or more in the traps or holding facilities shall be provided good quality hay at the rate of not less than two pounds of hay per 100 pounds of estimated body weight per day.
8. It is the responsibility of the Contractor/BLM to provide security to prevent loss, injury or death of captured animals until delivery to final destination.
9. The Contractor/BLM shall restrain sick or injured animals if treatment is necessary. A veterinarian may be called to make a diagnosis and final determination. Destruction shall be done by the most humane method available. Authority for humane destruction of wild horses (or burros) is provided by the Wild Free-Roaming Horse and Burro Act of 1971, Section 3(b)(2)(A), 43 CFR 4730.1, BLM Manual 4730 - Destruction of Wild Horses and Burros and Disposal of Remains, and is in accordance with BLM policy as expressed in Instructional Memorandum No. 98-141.

Any captured horses that are found to have the following conditions may be humanely destroyed:

- a. The animal shows a hopeless prognosis for life.
 - b. Suffers from a chronic disease.
 - c. Requires continuous care for acute pain and suffering.
 - d. Not capable of maintaining a body score of one.
 - e. The animal is a danger to itself or others.
10. Animals shall be transported to final destination from temporary holding facilities within 24 hours after capture unless prior approval is granted by the BLM for unusual circumstances. Animals to be released back into the HMA following gather operations may be held up to 21 days or as directed by the BLM. Animals shall not be held in traps and/or temporary holding facilities on days when there is no work being conducted except as specified by the BLM. The Contractor shall schedule shipments of animals to arrive at final destination between 7:00 a.m. and 4:00 p.m. No shipments shall be scheduled to arrive at final destination on Sunday and Federal holidays, unless prior approval has been obtained by the BLM. Animals shall not be allowed to remain standing on trucks while not in transport for a combined period of greater than three (3) hours. Animals that are to be released back into the capture area may need to be transported back to the original trap site. This determination will be at the discretion of the BLM.
 11. The BLM will issue a Notice of Intent to Impound Unauthorized Livestock prior to all gathers. Branded or privately owned animals whose owners are known will

be impounded by BLM, and if not redeemed by payment of trespass and capture fees, will be sold at public auction. If owners are not known, the private animals will be turned over to the State for Processing under Nevada estray laws.

E. Motorized Equipment

1. All motorized equipment employed in the transportation of captured animals shall be in compliance with appropriate State and Federal laws and regulations applicable to the humane transportation of animals. The Contractor shall provide the BLM with a current safety inspection (less than one year old) for all motorized equipment and tractor-trailers used to transport animals to final destination.
2. All motorized equipment, tractor-trailers, and stock trailers shall be in good repair, of adequate rated capacity, and operated so as to ensure that captured animals are transported without undue risk or injury.
3. Only tractor-trailers or stock trailers with a covered top shall be allowed for transporting animals from trap site(s) to temporary holding facilities, and from temporary holding facilities to final destination(s). Sides or stock racks of all trailers used for transporting animals shall be a minimum height of 6 feet 6 inches from the floor. Single deck tractor-trailers 40 feet or longer shall have two (2) partition gates providing three (3) compartments within the trailer to separate animals. Tractor-trailers less than 40 feet shall have at least one partition gate providing two (2) compartments within the trailer to separate the animals. Compartments in all tractor-trailers shall be of equal size plus or minus 10 percent. Each partition shall be a minimum of 6 feet high and shall have a minimum 5 foot wide swinging gate. The use of double deck tractor-trailers is unacceptable and shall not be allowed.
4. All tractor-trailers used to transport animals to final destination(s) shall be equipped with at least one (1) door at the rear end of the trailer which is capable of sliding either horizontally or vertically. The rear door(s) of tractor-trailers and stock trailers must be capable of opening the full width of the trailer. Panels facing the inside of all trailers must be free of sharp edges or holes that could cause injury to the animals. The material facing the inside of all trailers must be strong enough so that the animals cannot push their hooves through the side. Final approval of tractor-trailers and stock trailers used to transport animals shall be held by the BLM.
5. Floors of tractor-trailers, stock trailers, and the loading chute shall be covered and maintained with wood shavings to prevent the animals from slipping.
6. Animals to be loaded and transported in any vehicle or trailer shall be as directed by the BLM and may include limitations on numbers according to age, size, sex, temperament, and animal condition. The following minimum square feet per animal shall be allowed in all trailers:

11 sq. ft. per adult horse (1.4 linear ft. in an 8ft. wide trailer);
6 sq. ft. per horse foal (.75 linear ft. in an 8ft. wide trailer).

7. Prior to any gathering operations, the BLM will provide for a pre-capture evaluation of existing conditions in the gather areas. The evaluation will include animal condition, prevailing temperatures, drought conditions, soil conditions, road conditions, and a topographic map with location of fences, other physical barriers, and acceptable trap locations in relation to animal distribution. The evaluation will determine the level of activity likely to cause undue stress to the animals, and whether such stress would necessitate a veterinarian be present. If it is determined that capture efforts necessitate the services of a veterinarian, one would be obtained before capture would proceed. The Contractor will be appraised of all the conditions and will be given directions regarding the capture and handling of animals to ensure their health and welfare is protected.
8. If the BLM determines that dust conditions are such that animals could be endangered during transportation, the Contractor will be instructed to adjust speed.
9. Trap sites will be located to cause as little injury and stress to the animals, and as little damage to the natural resources of the area, as possible. Sites will be located on or near existing roads. Additional trap sites may be required, as determined by the BLM, to relieve stress caused by specific conditions at the time of the gather (i.e. dust, rocky terrain, temperatures, etc.).

F. Animal Characteristics and Behavior

Releases of wild horses would be near available water. If the area is new to them, a short term adjustment period may be required while the wild horses become familiar with the new area.

G. Public Participation

It is BLM policy that the public will not be allowed to come into direct contact with wild horses or burros being held in BLM facilities. Only BLM personnel, or contractors may enter the corrals or directly handle the animals. The general public may not enter the corrals or directly handle the animals at anytime or for any reason during BLM operations.

H. Responsibility and Lines of Communication

ELY

Contracting Officer's Representatives

Jared Bybee
Alan Shepherd

Project Inspectors

Mike Perkins
Paul Podborny

The Contracting Officer's Representatives (CORs) and the project inspectors (PIs) have the direct responsibility to ensure the Contractor's compliance with the contract stipulations. The Ely Assistant Field Manager for Renewable Resources and the Ely Field Manager will take an active role to ensure the appropriate lines of communication are established between the field, Field Office, State Office, National Program Office, and PVC Corral offices. All employees involved in the gathering operations will keep the best interests of the animals at the forefront at all times.

All publicity, formal public contact and inquiries will be handled through the Assistant Field Manager for Renewable Resources. This individual will be the primary contact and will coordinate the contract with the PVC Corrals to ensure animals are being transported from the capture site in a safe and humane manner and are arriving in good condition.

The contract specifications require humane treatment and care of the animals during removal operations. These specifications are designed to minimize the risk of injury and death during and after capture of the animals. The specifications will be vigorously enforced.

Should the Contractor show negligence and/or not perform according to contract stipulations, he will be issued written instructions, stop work orders, or defaulted.

Appendix II

Standard Operating Procedures for Trapping within Desert Tortoise Habitat

1. The contractor and all employees will be informed about the desert tortoise (which will include information provided by the BLM on the life history of the desert tortoise, its protected status, protocols for dealing with tortoises if and when they are encountered, and the definition of "take" via informational handout provided by the BLM. Each shall be advised of the potential impacts to desert tortoises and potential penalties (up to \$50,000 in fines and one year in prison) for taking a Federally protected species.

The contractor shall ensure that all personnel associated with the gather shall acknowledge receipt of the tortoise information through the signing of the acknowledgement for which shall be returned to the BLM upon completion of circulation to all employees.

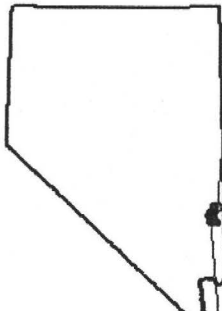
2. Trap sites and holding corral locations and helicopter staging areas will be selected with the input of a BLM biologist to ensure that impacts to tortoise habitat are avoided.
3. Trap sites, holding corral, and staging areas will be surveyed for desert tortoise and tortoise burrows before use by a BLM biologist. If an active tortoise burrow is located on the proposed site, a new site will be selected.
4. To the extent possible, all traps, holding corrals, and staging areas will be located in previously disturbed areas, which are devoid of perennial vegetation and will be located adjacent to existing roads and trails.
5. To the extent possible, vehicular travel will be restricted to existing roads, trails, and washes. If off-road vehicular travel is necessary, the route will be surveyed for the presence of desert tortoise before use.
6. Garbage and similar items will be placed in appropriate containers and not allowed to accumulate in order to discourage the attraction of ravens to the area.
7. If a desert tortoise should wander onto the trap, holding corral or staging area, all activities with the potential to harm the desert tortoise will cease until the tortoise moves out of harms way under its own volition.
8. The discharge of firearms will be prohibited at all trap and holding sites except in the case of euthanasia of a captured animal (wild horse, mule, or burro) by a authorized BLM employee.







Appendix III

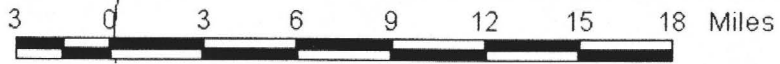
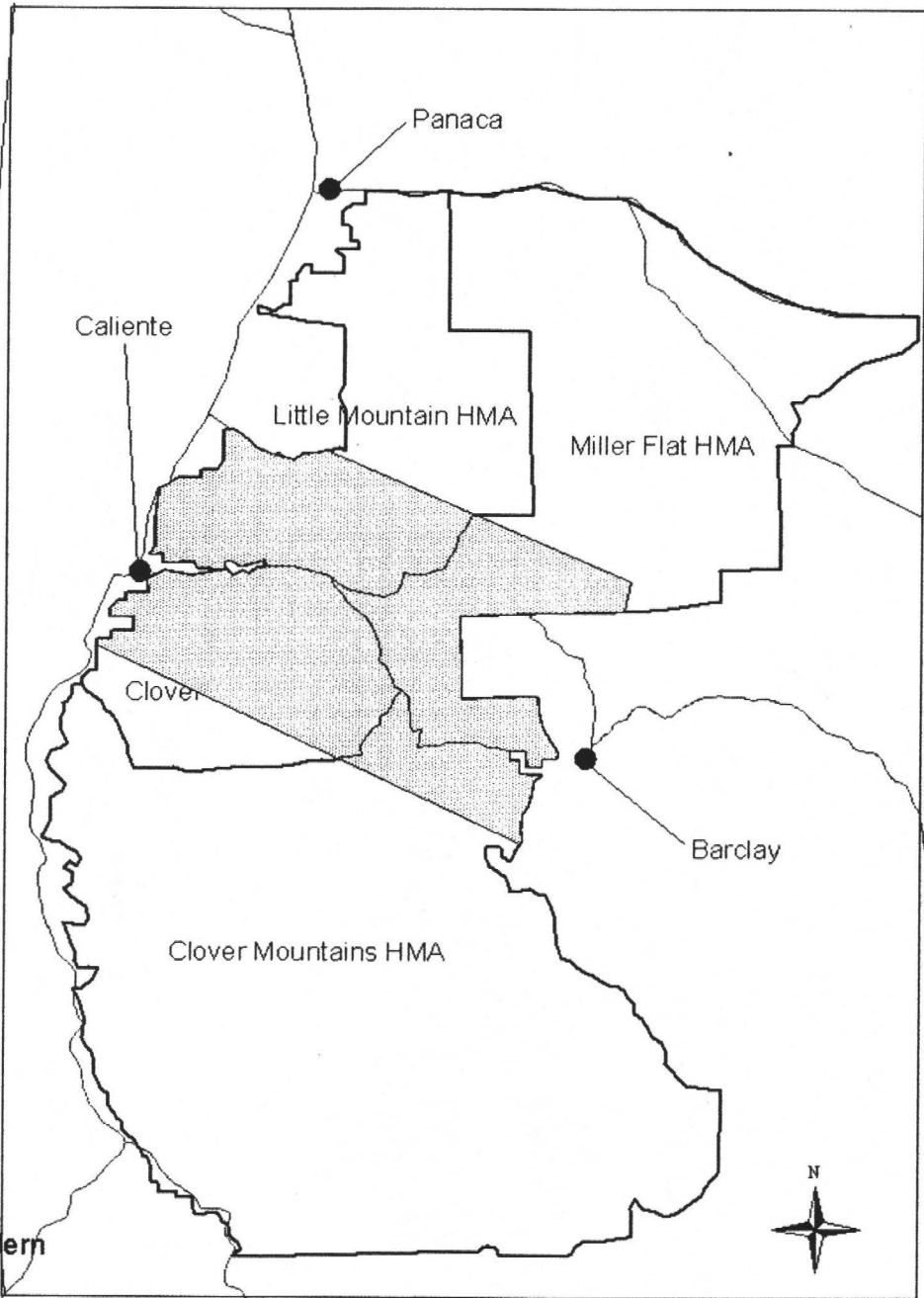
HMA Maps

MAP 1 Clover Complex Gather Area

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Caliente Field Station
by Jared Redington

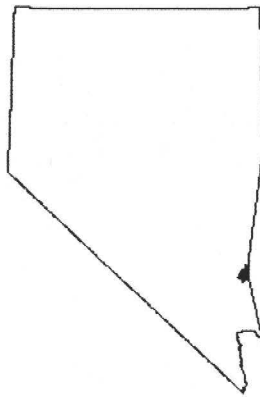


-  Area of Concern
-  NV Roads
-  Miller Flat HMA
-  Little Mountain HMA
-  Clover Mountains HMA
-  Clover Creek HMA



Map not to scale. For more information, please contact the Ely Field Office at 739-5300 or the Caliente Field Station at 739-5300.

MAP 2 Meadow Valley Mountains HMA



- NV Roads
- Meadow Valley Mountains HMA
- Meadow Valley Mountains WSA

August 7 2002
Ely Field Office
Caliente Field Station
by Jared Redington

No warranty is made by BLM as to the accuracy, reliability, or completeness of these data for purposes not intended by the BLM.

