

Year: 2010 Inventory Unit Number/Name: NV-SN-52-010/Muddy Mountains Addition

**FORM 1**

**DOCUMENTATION OF BLM WILDERNESS INVENTORY FINDINGS ON RECORD:**

**1. Is there existing BLM initial wilderness inventory information on all or part of this area?**

No    (Go to Question 2)

Yes X (if more than one unit is within the area, list the names/numbers of those units.):

- a) **Inventory Source:**  
Initial Inventory Decisions – Public Lands Administered by BLM Nevada – Wilderness (Sept. 1979)  
Wilderness Inventory Situation Analysis
- b) **Inventory Unit Number(s)/Name(s):**  
NV-050-0229 (IPP-15)/Muddy Mountain
- c) **Map Name(s)/Number(s):**  
Nevada BLM Initial Wilderness Inventory Decisions (September 30, 1979)
- d) **BLM District(s)/Field Office(s):**  
Las Vegas District
- e) **BLM Initial Inventory Findings on Record:**  
If more than one BLM inventory unit is associated with the area, list each unit and answer each question individually for each inventory unit:

Unit Number/Name	Size (Initial Acres)	Natural Condition? (Y/N)
NV-050-0229 (IPP-15)/ Muddy Mountain	104,461	Y

Summary of any known primary reasons for prior findings from the table above:

This area has already been intensively inventoried because of a special project. The intensive inventory found that the area contained wilderness characteristics and it was designated a wilderness study area.

**2. Is there existing BLM intensive wilderness inventory information on all or part of this area?**

No    (Go to Form 2)

Yes X (if more than one unit is within the area, list the names/numbers of those units.):

- a) **Inventory Source:**  
Wilderness Inventory Wilderness Summary Sheet  
Wilderness Inventory Wilderness Characteristics Analysis

b) **Inventory Unit Number(s)/Name(s):**  
NV-050-0229 IPP-15/Muddy Mountain

c) **Map Name(s)/Number(s):**  
Nevada BLM Wilderness Study Recommendations Based On Intensive Inventory (April 1, 1980)

d) **BLM District(s)/Field Office(s):**  
Las Vegas District

a) **BLM Intensive Inventory Findings on Record:**  
If more than one BLM inventory unit is associated with the area, list each unit and answer each question individually for each inventory unit:

<b>Unit#/ Name</b>	<b>Size (Final Acres)</b>	<b>Naturalness? (Y/N)</b>	<b>Outstanding Solitude? (Y/N)</b>	<b>Outstanding Primitive &amp; Unconfined Recreation? (Y/N)</b>	<b>Supplemental Values? (Y/N)</b>
NV-050-0229 (IPP-15)/ Muddy Mountain	82,000	Y	Y	Y	Y

Year: 2010 Inventory Unit Number/Name: NV-SN-52-010/Muddy Mountains Addition

**FORM 2**

**DOCUMENTATION OF CURRENT WILDERNESS INVENTORY CONDITIONS:**

a. **Unit Number/Name:** NV-SN-52-010/Muddy Mountains Addition

**(1) Is the unit of sufficient size?**

Yes  No

**Description:**

The unit is located approximately 16 miles northeast of Las Vegas, Nevada and is contiguous with Muddy Mountains Wilderness which is managed in part by the Bureau of Land Management, Las Vegas Field Office (BLM, LVFO) and National Park Service, Lake Mead National Recreation Area (NPS, LMNRA). The northern boundary of the unit extends north from the northernmost portion of the Wilderness to west of the Bitter Springs Backcountry Byway and the Community Pit Area. The eastern portion of the unit extends from the Wilderness boundary to include the Bitter Spring Valley and is contiguous with LMNRA. The southern extent of the unit excludes private land south of Anniversary Narrows and includes the southernmost portion of the Gale Hills north of LMNRA and east of West End Wash. The western portion of the unit includes bajajda and portions of California Wash west of the Wilderness and primarily follows section lines east of the West Wide Energy Corridor. The resulting unit is comprised of six disconnected subunits which are all contiguous with Muddy Mountains Wilderness. Therefore, the following sub-units meet the size criteria and are evaluated further: NV-SN-52-010A (16,247 acres); NV-SN-52-010B (822 acres); NV-SN-52-010C (1,592 acres); NV-SN-52-010D (14,683 acres); NV-SN-52-010E (3,394 acres); NV-SN-52-010F (3,378 acres)

**(2) Is the unit in a natural condition?**

Yes  No  N/A

**Description:**

NV-SN-52-010A: The sub-unit appears to be primarily affected by the forces of nature with man's work substantially unnoticeable. There are numerous ways located within the unit particularly and they are particularly concentrated in Township 19 S., Range 64 E., Sections 9, 10, 15, 16, 22, and 29. Several of these ways are located within washes and therefore have the potential to rehabilitate naturally; the remaining ways are maintained solely by the passage of vehicles and have the potential to return to a natural condition following manual rehabilitation. A well is located in Township 19 S., Range 66 E., Section 26. Wells are located in Township 19 S., Range 64 E., Section 29 and 34. There is no additional known evidence of human use or occupation within the sub-unit.

NV-SN-52-010B: The sub-unit appears to be primarily affected by the forces of nature with man's work substantially unnoticeable. There are few ways located within the unit and which are primarily located in the wash. There is no additional known evidence of human use or occupation within the sub-unit.

NV-SN-52-010C: The sub-unit appears to be primarily affected by the forces of nature with man's work substantially unnoticeable. There are few documented ways, located primarily within washes of the sub-unit. There is no additional known evidence of human use or occupation within the sub-unit.

NV-SN-52-010D: The sub-unit appears to be primarily affected by the forces of nature with man's work substantially unnoticeable. There are few documented ways, located primarily within the washes of the sub-unit; others are maintained solely by the passage of vehicles and have the potential to return to a natural condition following manual rehabilitation. The only known evidence of human use includes a small parking area delineated with post barricade and information sign. There is no additional known evidence of human use, occupation, or disturbances within the sub-unit.

NV-SN-52-010E: The sub-unit appears to be primarily affected by the forces of nature with man's work substantially unnoticeable. There are several documented ways located primarily in the eastern portion of the sub-unit. The majority of these are located within washes and others have the potential to return to a natural condition following manual rehabilitation efforts. There is no additional known evidence of human use or occupation within the sub-unit.

NV-SN-52-010F: The sub-unit appears to be primarily affected by the forces of nature with man's work substantially unnoticeable. There are several documented ways located primarily in the western portion of the sub-unit, west of West End Wash. The majority of these are located within washes and others have the potential to return to a natural condition following manual rehabilitation efforts. There is no additional known evidence of human use or occupation within the sub-unit.

**(3) Does the unit (or the remainder of the unit if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for solitude?**

Yes  No  N/A

**Description:**

NV-SN-52-010A: The vegetation within the sub-unit is typical of the Mojave Desert consisting of shrubs, cacti, grasses, and yucca. The vegetation is low growing and sparse, which provides minimal screening. The topography includes sloping valley lands, canyons, and benches. The combination of size and topography makes the majority of the area outstanding for solitude opportunities. Furthermore, this entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities for solitude. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding solitude and therefore this sub-unit meets this wilderness element.

NV-SN-52-010B: The vegetation within the sub-unit is typical of the Mojave Desert consisting of shrubs, cacti, grasses, and yucca. The vegetation is low growing and sparse, which provides minimal screening. The topography includes a gentle sloping valley, washes, and the lower slopes of the Muddy Mountains. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities for solitude. This discussion concludes that since this wilderness element had been identified

previously, release from wilderness study does not eradicate the existence of outstanding solitude and therefore this sub-unit meets this wilderness element.

NV-SN-52-010C: The vegetation within the sub-unit is typical of the Mojave Desert consisting of shrubs, cacti, grasses, and yucca. The vegetation is low growing and sparse, which provides minimal screening. The topography includes washes, benches, and lower ridges of the Muddy Mountains. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities for solitude. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding solitude and therefore this sub-unit meets this wilderness element.

NV-SN-52-010D: The vegetation within the sub-unit is typical of the Mojave Desert consisting of shrubs, cacti, grasses, and yucca. The vegetation is low growing and sparse, which provides minimal screening. The topography primarily consists of a wide valley east of a low ridgeline of the Muddy Mountains. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities for solitude. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding solitude and therefore this sub-unit meets this wilderness element.

NV-SN-52-010E: The vegetation within the sub-unit is typical of the Mojave Desert consisting of shrubs, cacti, grasses, and yucca. The vegetation is low growing and sparse, which provides minimal screening. The topography primarily consists of numerous washes and benches of Bitter Spring Valley while the western portion includes the lower hillslopes of Bitter Ridge. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities for solitude. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding solitude and therefore this sub-unit meets this wilderness element.

NV-SN-52-010F: The vegetation within the sub-unit is typical of the Mojave Desert consisting of shrubs, cacti, grasses, and yucca. The vegetation is low growing and sparse, which provides minimal screening. The topography primarily consists of numerous small canyons, benches, and draws of the southernmost extent of the Gale Hills as well as numerous washes, the largest being West End. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities for solitude. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding solitude and therefore this sub-unit meets this wilderness element.

**(4) Does the unit (or the remainder of the unit if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for primitive and unconfined recreation?**

Yes  No  N/A

**Description:**

NV-SN-52-010A: Recreational opportunities include nature study, bird watching, horseback riding, hunting, and hiking. The variety of the ecosystem provides good opportunities to observe

various plant and animal communities within the area. Much of the terrain is conducive to horseback riding though extended trips are limited due to lack of available water. There is a great variety of hiking opportunities that exist for all skill levels. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities primitive and unconfined recreation. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding primitive and unconfined recreation and therefore this sub-unit meets this wilderness element.

NV-SN-52-010B: Recreational opportunities include nature study, bird watching, horseback riding, and hiking. The variety of the ecosystem provides good opportunities to observe various plant and animal communities within the area. Much of the terrain is conducive to horseback riding though extended trips are limited due to lack of available water. There is a great variety of hiking opportunities that exist for all skill levels. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities primitive and unconfined recreation. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding primitive and unconfined recreation and therefore this sub-unit meets this wilderness element.

NV-SN-52-010C: Recreational opportunities include nature study, bird watching, horseback riding, hunting, and hiking. The variety of the ecosystem provides good opportunities to observe various plant and animal communities within the area. Much of the terrain is conducive to horseback riding though extended trips are limited due to lack of available water. There is a great variety of hiking opportunities that exist for all skill levels. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities primitive and unconfined recreation. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding primitive and unconfined recreation and therefore this sub-unit meets this wilderness element.

NV-SN-52-010D: Recreational opportunities include nature study, bird watching, horseback riding, hunting, and hiking. The variety of the ecosystem provides good opportunities to observe various plant and animal communities within the area. Much of the terrain is conducive to horseback riding though extended trips are limited due to lack of available water. There is a great variety of hiking opportunities that exist for all skill levels. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities primitive and unconfined recreation. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding primitive and unconfined recreation and therefore this sub-unit meets this wilderness element.

NV-SN-52-010E: Recreational opportunities include nature study, bird watching, horseback riding, and hiking. The variety of the ecosystem provides good opportunities to observe various plant and animal communities within the area. Much of the terrain is conducive to horseback riding though extended trips are limited due to lack of available water. There is a great variety of hiking opportunities that exist for all skill levels. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities primitive and unconfined recreation. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does

not eradicate the existence of outstanding primitive and unconfined recreation and therefore this sub-unit meets this wilderness element.

NV-SN-52-010F: Recreational opportunities include nature study, bird watching, horseback riding, hunting, and hiking. The variety of the ecosystem provides good opportunities to observe various plant and animal communities within the area. Much of the terrain is conducive to horseback riding though extended trips are limited due to lack of available water. There is a great variety of hiking opportunities that exist for all skill levels. This entire sub-unit is located in what was formerly the Muddy Mountains Wilderness Study Area which was identified as having outstanding opportunities primitive and unconfined recreation. This discussion concludes that since this wilderness element had been identified previously, release from wilderness study does not eradicate the existence of outstanding primitive and unconfined recreation and therefore this sub-unit meets this wilderness element.

**(5) Does the unit have supplemental values?**

Yes  No  N/A

**Description:**

NV-SN-52-010A: This sub-unit contains a portion of the Rainbow Gardens Area of Critical Environmental concern which is identified for geologic, scenic, scientific, cultural, and sensitive plants.

NV-SN-52-010B: There are no known supplemental values.

NV-SN-52-010C: There are no known supplemental values.

NV-SN-52-010D: The unit contains a portion of the Hidden Valley Area of Critical Environmental concern which is identified for its prehistoric cultural value.

NV-SN-52-010E: The unit contains habitat for rare and sensitive plants such as Las Vegas buckwheat (*Eriogonum corymbosum* var. *nilesii*) a candidate species for federal listing, and Las Vegas bearpoppy (*Arctomecon californica*).

NV-SN-52-010F: The unit contains habitat for the Las Vegas bearpoppy (*Arctomecon californica*).

**Summary of Findings and Conclusion**

Unit Name and Number: NV-SN-52-010/Muddy Mountains Addition

Map Title: Wilderness Inventory Unit NV-SN-52-010/Muddy Mountains Addition

Summary

Results of Analysis:

1. Does the area meet any of the size requirements?

NV-SN-52-010A:  Yes  No  
NV-SN-52-010B:  Yes  No  
NV-SN-52-010C:  Yes  No  
NV-SN-52-010D:  Yes  No  
NV-SN-52-010E:  Yes  No  
NV-SN-52-010F:  Yes  No

2. Does the area appear to be natural?

NV-SN-52-010A:  Yes  No  N/A  
NV-SN-52-010B:  Yes  No  N/A  
NV-SN-52-010C:  Yes  No  N/A  
NV-SN-52-010D:  Yes  No  N/A  
NV-SN-52-010E:  Yes  No  N/A  
NV-SN-52-010F:  Yes  No  N/A

3. Does the area offer outstanding opportunities for solitude or a primitive and unconfined type of recreation?

NV-SN-52-010A:  Yes  No  N/A  
NV-SN-52-010B:  Yes  No  N/A  
NV-SN-52-010C:  Yes  No  N/A  
NV-SN-52-010D:  Yes  No  N/A  
NV-SN-52-010E:  Yes  No  N/A  
NV-SN-52-010F:  Yes  No  N/A

4. Does the area have supplemental values?

NV-SN-52-010A:  Yes  No  N/A  
NV-SN-52-010B:  Yes  No  N/A  
NV-SN-52-010C:  Yes  No  N/A  
NV-SN-52-010D:  Yes  No  N/A  
NV-SN-52-010E:  Yes  No  N/A  
NV-SN-52-010F:  Yes  No  N/A

Conclusion

Check One:

The area—or a portion of the area—has wilderness character (items 1, 2 and 3 are checked “yes”).

The area does not have wilderness character (any of items 1, 2 or 3 are checked “no”).

**Field Inventoried by:**

Nathan Coleman, Desert Clean-up 09/29/2010  
(Names, Titles, Date)

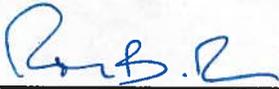
Scott Massey, Wilderness Volunteer 09/29/2010  
(Names, Titles, Date)

Sendi Kalcic, Wilderness Specialist 09/29/2010  
(Names, Titles, Date)

**Prepared by:**

Sendi Kalcic, Wilderness Specialist 12/29/2010  
(Names, Titles, Date)

**Approved by:**



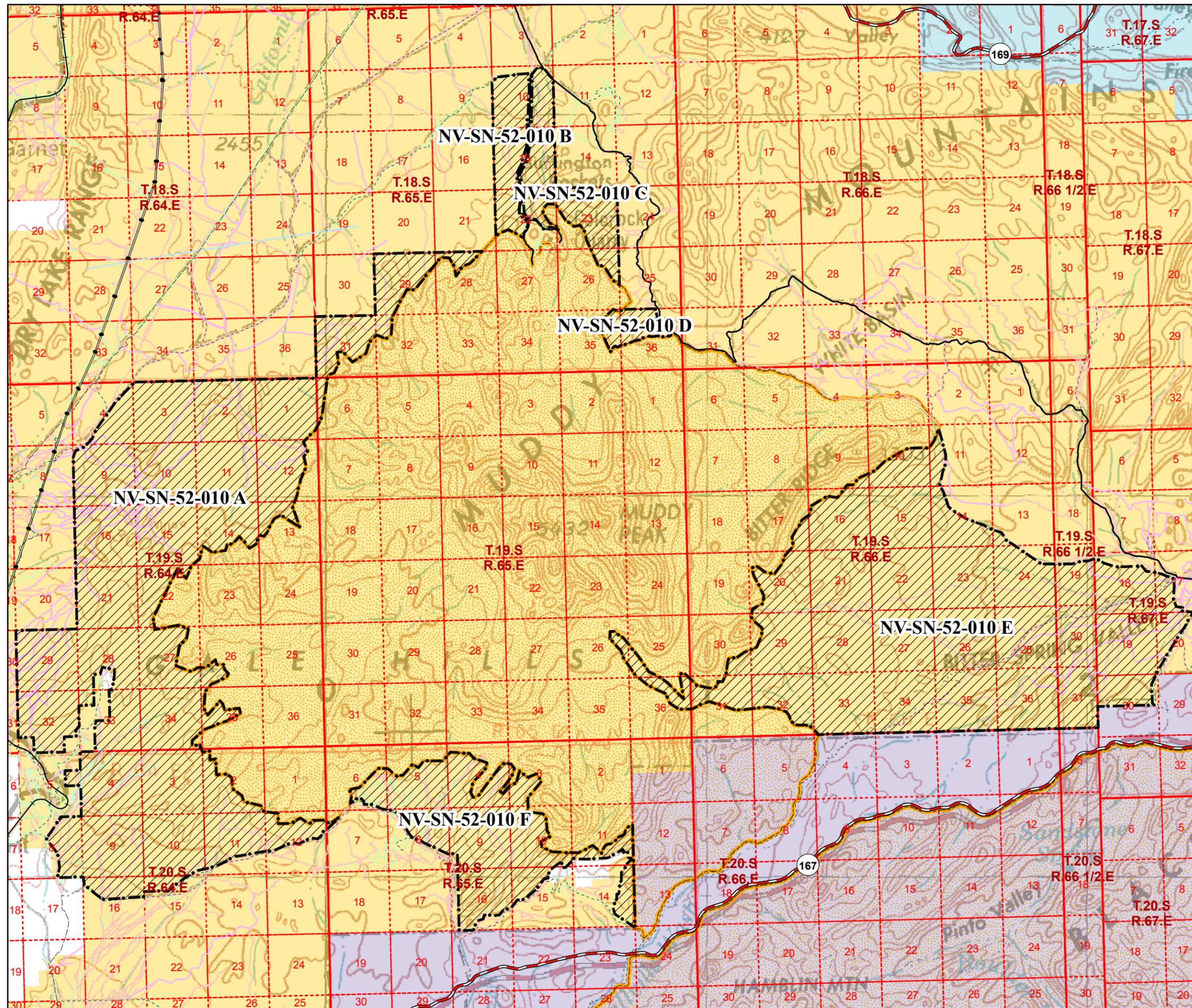
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**Field Manager**  
**Las Vegas Field Office**

1/21/2011

**Date**

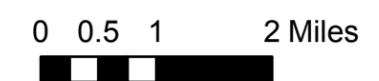
*This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-2.*

# Wilderness Inventory Unit NV-SN-52-010 Muddy Mountains Addition



**Legend**

- Wilderness Inventory Unit
- Powerline
- Railroad
- Major Road**
  - Interstate
  - US Highway
  - State Highway
  - County Highway
  - Ramp
  - Back Country Byway
  - Paved Road
  - Improved Road
  - Unimproved Road
  - Other 4WD Road
  - Trail
  - Restricted Road
- SNPLMA Inventory Route**
  - ATV
  - Improved
  - Other
  - Paved
  - Reclaiming
  - Single Track
  - Unimproved/ 2 Track
- Township and Section Lines**
  - Township Line
  - Section Line
- Wilderness Area**
  - Designated Wilderness Area
  - Wilderness Study Area
- Land Status**
  - Bureau of Indian Affairs
  - Bureau of Land Management
  - Bureau of Reclamation
  - City of Las Vegas
  - Clark County, Nevada
  - Department of Defense
  - Department of Energy
  - Fish and Wildlife Service
  - Forest Service
  - National Park Service
  - Nevada State
  - Private



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