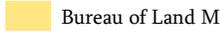
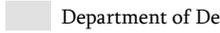
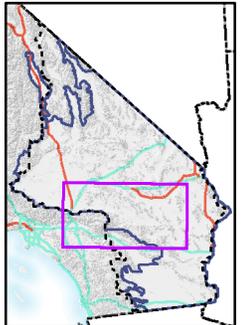
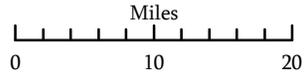
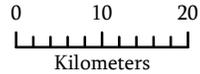


-  ACEC Boundaries
 -  CDNCL Boundaries
 -  DRECP Ecoregion
 -  DRECP Boundary
 -  CDCA Boundary
 -  LLPA
- Land Status**
-  Bureau of Land Management
 -  Department of Defense

Pinto Lucerne Valley and Eastern Slopes Ecoregion

7/28/2016

BLM California State Office



Pinto Lucerne Valley and Eastern Slope Subregion ACEC Units

Unit Name	Map #	Page Number for Special Unit Management Plan
Bendire's Thrasher	10	489
Big Morongo Canyon	11	494
Brisbane Valley Monkey Flower	15	502
Carbonate Endemic Plants RNA	21	507
Daggett Ridge Monkey Flower	37	513
Granite Mountain Wildlife Linkage	49	518
Juniper Flats Cultural	58	523
Northern Lucerne Wildlife Linkage	79	528
Old Woman Springs Wildlife Linkage	82	533
Ord-Rodman	83	539
Pinto Mountains	93	544
Pipes Canyon	94	549
Rodman Mountains Cultural Area	100	553
Soggy Dry Lake Creosote Rings	114	558
Upper Johnson Valley Yucca Rings	123	562

Bendire's Thrasher

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: Located west of Hwy 247 approximately 8 miles north of Lucerne Valley and encompasses 9,805 acres within an 11,440 acre polygon of habitat occupied by Bendire's Thrasher.

Nationally Significant Values: Not designated NCL.

Special Designations/Management Plan/Date: Original ACEC designation in 2006 WEMO plan.

Relevance and Importance Criteria: Provides habitat for a disjunctive population of Bendire's Thrasher. Some areas within the ACEC provide a combination of meteorological, geological, hydrological, topographical features that have been identified as important climate refugia (slow/minimized climate changes) for wildlife species.

Recreation Area: This unit overlaps with Stoddard/Johnson SRMA.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA

Designation and Acreage:

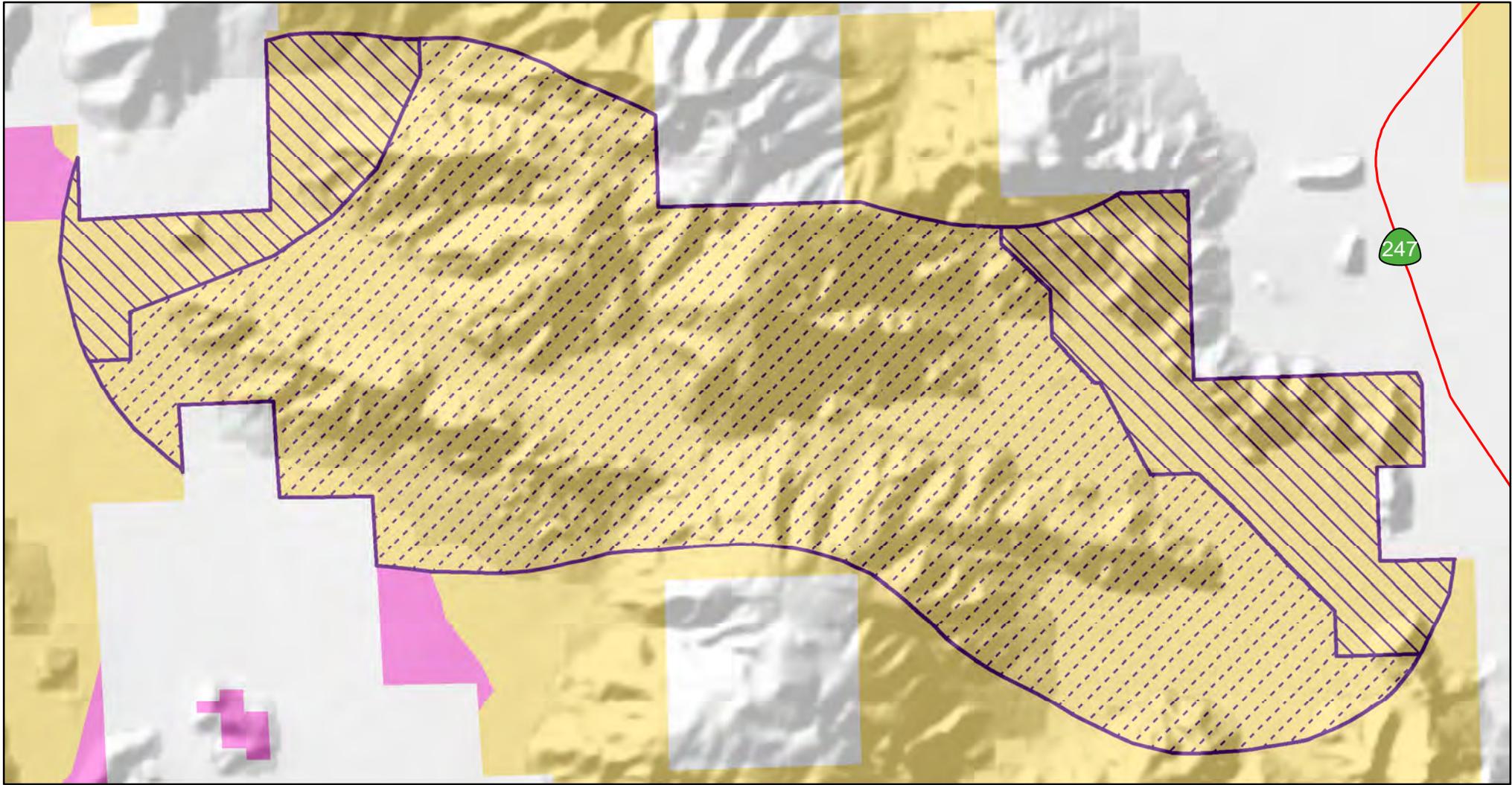
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	9,780	0	0.5, 1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect Bendire's Thrasher breeding habitat</p> <p>Allowed Use: Vegetation harvesting is prohibited</p> <p>Management Action:</p> <ul style="list-style-type: none"> Maintain prohibition of vegetation harvesting, in particular yucca species 	<p>Vegetation Including special status species</p>

<p>Objective: Maintain and expand Bendire’s thrasher populations</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Monitor periodically population numbers and habitat disturbance in conservation area. • If surveys show presence of significant numbers of birds and undisturbed habitat, then consider addition of a conservation area near Yucca Valley. 	<p>Fish and Wildlife Including special status species</p>
<p>Objective: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Prioritize habitat enhancement in areas expected to provide for the greatest level of resiliency (good response or rehabilitation results after significant disturbance such as fire) and or resistance to change (e.g. climate refugia). • Consider actions that enhance the primary productivity of climate refugia with native species restoration, reduced soil surface disturbance, and habitat infrastructure to increase carrying capacity of refugia (e.g., wetland, oasis). • Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation. <p>Objective: Maintain and or enhance key ecosystem processes (e.g., carbon sequestration, water residence time) and prepare and respond to significant disturbances to the environment (e.g. floods).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Develop proactive and responsive management actions for potentially dangerous and damaging disturbances to the environment, which are exacerbated by climate change (e.g. wildfire, flash floods, etc.). • Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota. • Leverage disturbance events and other landscape changes, when possible, as opportunities to assess climate adaptation actions. For example, revegetation objectives for projected climate scenarios benefiting multiple ecosystem services (habitat and carbon sequestration objectives). 	<p>Climate Change and Adaptation</p>
<p>Objective: Limit disturbance of breeding Bendire’s Thrasher from vehicle traffic</p> <p>Allowable Use: Limit Vehicle use to designated roads and trail.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Route designation conducted through the local Travel Management Plan will integrate protection of Bendire’s Thrasher 	<p>Trails and Travel Management</p>

<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Minimize Bendire’s Thrasher breeding habitat loss associated with ROWs</p> <p>Allowable Uses: Right-of-way exclusion area</p>	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>



ACEC Boundaries

-  0.5% Disturbance Cap
-  1% Disturbance Cap

Renewable Footprint

-  DFA

-  DRECP Boundary

-  CDCA Boundary

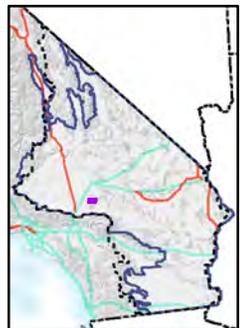
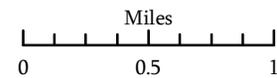
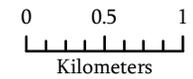
Land Status

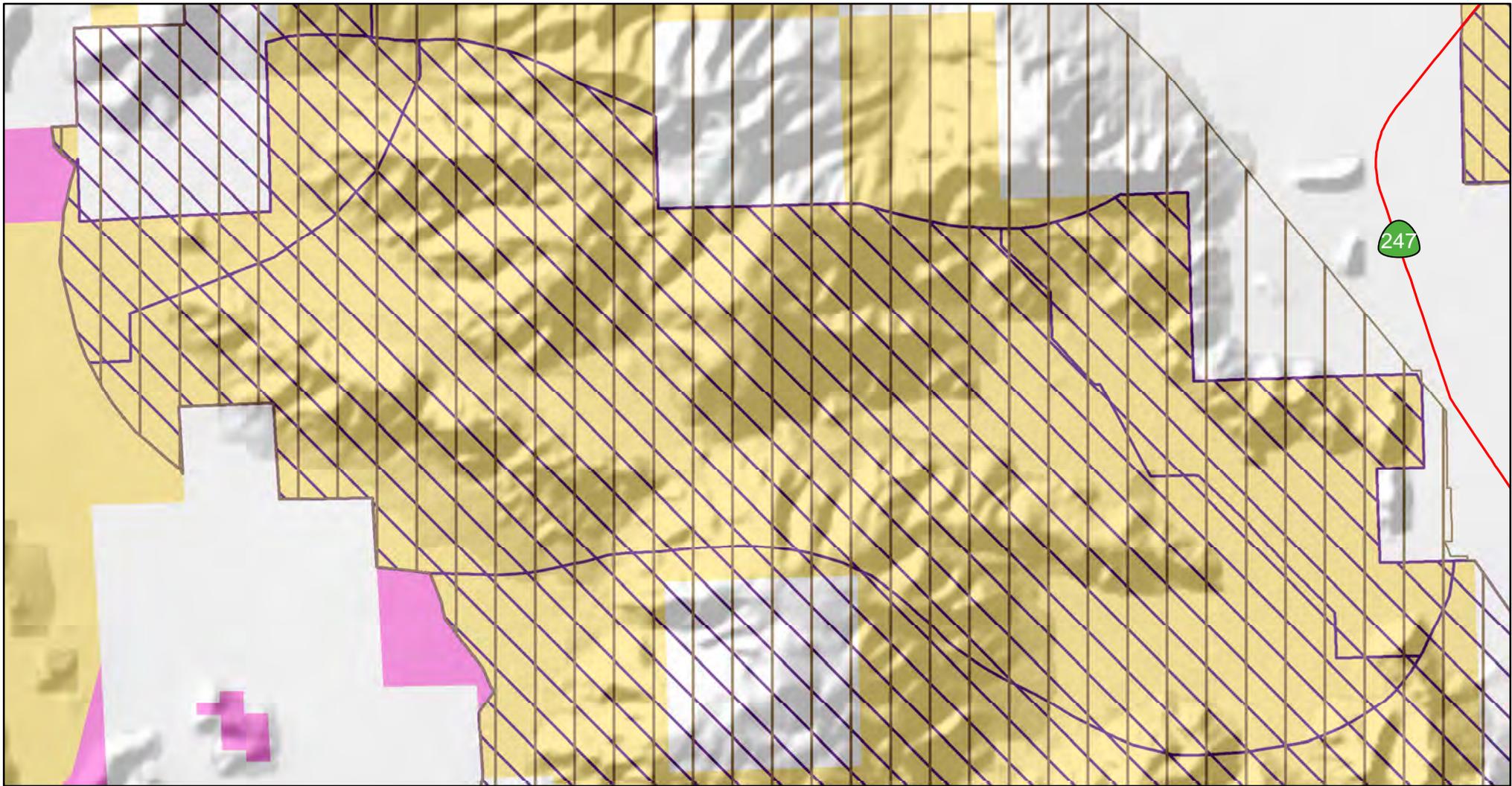
-  Bureau of Land Management

Bendire's Thrasher ACEC

7/20/2016

BLM California State Office



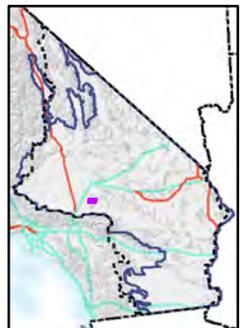
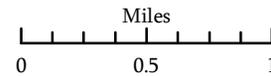
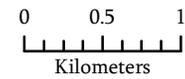


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|--|---------------------------|
| SRMA Boundaries | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| Renewable Footprint Land Status | |
| DFA | Bureau of Land Management |

Bendire's Thrasher ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Big Morongo Canyon

California Desert National Conservation Lands Ecoregion: Coachella Valley and Pinto Lucerne Valley and Eastern Slopes

Description/Location: The Big Morongo Canyon Preserve is located in the Little San Bernardino Mountains adjoining the west boundary of Joshua Tree National Park. The Preserve is south of the town of Morongo Valley and north of Desert Hot Springs in both San Bernardino and Riverside Counties. The Preserve encompasses over 30,000 acres of public lands and 240 acres of San Bernardino County Regional Park lands. The Preserve is within both the Coachella Valley and Pinto, Lucerne Valley, and Eastern Slopes DRECP subareas.

Nationally Significant Values:

Ecological Values: Nestled within the western extension of the Little San Bernardino Mountains, the 31,000-acre Big Morongo Canyon Preserve and ACEC is managed by BLM to preserve its outstanding natural and scenic values as well as recreational opportunities within a preserve environment. This area is characterized by steep canyons, rugged terrain and a desert oasis. The area is especially high in natural diversity due to its location at the intersection of Coastal Californian, Sonoran/Colorado Desert, and Mojave Desert ecosystems.

The Preserve contains six distinct plant communities supporting diverse animal and plant life. The centerpiece of the Preserve is Big Morongo Marsh, one of the few cottonwood oases in the California Desert forming one of the 10 largest blocks of Mojave Riparian Forest, consisting of Fremont cottonwood, willow, and mesquite. An extensive mesquite bosque threads through Little Morongo Canyon. Other wetland habitats include a California fan palm (*Washingtonia filifera*) oasis.

The Audubon Society, the American Bird Conservancy, the American Birding Association, and the Watchable Wildlife National Program designate the Preserve as an Important Bird Area and as one of the most important avian habitat areas in California. The National Geographic Guide to Bird Watching Sites features Big Morongo Preserve prominently. With more than 247 bird species recorded in the Preserve and with at least 72 resident breeding species, the Preserve draw visitors worldwide for astounding bird watching opportunities. A large number of protected species are present including: Least Bell's vireo (*Vireo bellii pusillus*) (Federally endangered), Southwestern willow flycatcher (*Empidonax traillii extimus*) (Federally endangered), Agassiz's Desert Tortoise (*Gopherus agassizi*) (Federally threatened), Desert bighorn sheep (*Ovis canadensis*) (BLM sensitive), Lucy's Warbler (*Oreothlypis luciae*) (BLM sensitive), Pallid Bat (BLM sensitive) (*Antrozous pallidus*), Golden Eagle (*Aquila chrysaetos*) (BLM sensitive), Coast Horned Lizard (*Phrynosoma blainvillii*) (BLM Sensitive), Latimer's Woodland Gilia (*Saltugilia latimeri*) (BLM sensitive), and Triple-ribbed milkvetch (*Astragalus tricarinatus*) (Federally endangered).

Cultural Values: Significant cultural and historic values are associated with Big Morongo Canyon. The Morongo Preserve was the site of a large (>10 acre) historic "Maringa" (Morongo) Native American Serrano permanent settlement. The site, CA SBR-561, is a large residential site with a continuous, dependable source of water. The valuable biotic resource assemblage that the water attracted, provided for ample food and manufacturing materials to support the view of it being a permanent *Maringa* Serrano residence for a long span of time. Present on the site are bedrock mortars, several types of ceramic wares, lithic tool stone debitage and numerous late period projectile points. Human remains were discovered on the site in 1994 that were not cremated, suggesting a greater age of the site since Serrano traditionally cremated their

deceased in historic and ethnographic times. Little is known of the archaeological site, since no known ethnographic or historic accounts exist. The Serrano people who occupied this site had long before either left the area during the mission period, joining and merging with the populations of Cahuilla to the south and west on reservation lands, or had succumbed to European introduced diseases long before. As of 2013, no organized excavations have been conducted on this site, however, vandalism and indiscriminant looting has been reported in the past. It is likely that the reported evidence of looting was from actions that occurred before the preserve was occupied and monitored by the present management administration. There remains a strong likelihood that a wide-spread and significant sub-surface archaeological deposit is still present. This cultural resource likely retains important knowledge that could add significantly to the archaeological record and provide valuable new knowledge to the descendants of the *Maringa* Serrano. The historic account of Willie Boy (1881-1909) took place in the Morongo Canyon area and vicinity and is the story-base behind the film "Tell Them Willie Boy Was Here" The film's story revolves around an Indian outlaw, Willie Boy, who escapes arrest with his lover, after killing her father in self-defense. The chase and eventual suicide of Willie Boy unfold as the west's last famous manhunt.

Scientific Values: The Big Morongo Canyon Preserve has high scientific, research, and education values associated with ecological diversity and its proximity to the Southern California urban areas. It provides outstanding opportunities for scientific research in many disciplines including wildlife diversity, ecosystem functionality and resiliency, riparian response to human influence, etc. The University of California and other institutions conduct ongoing research studies on fire regimes of Southern California and seismic activity. The potential archaeological values here are very important to scientific knowledge due to the lack of any ethno-historic information of the peoples who once occupied the area. It is believed that a closely related group – also referred to as *Moringa*, occupied the Twenty-nine Palms area. The Preserve boasts an extensive network of citizen supporters and partners that promote education and interpretation programs. It provides docents and junior docent programs for extensive educational purposes.

Special Designations/Management Plan/Date: ACEC Plan No. 50, Amended 08/07/1996

Relevance and Importance Criteria:

Biological: The Preserve contains six distinct plant communities supporting diverse animal and plant life. The area is considered an important Bird Area with more than 247 bird species recorded in the Preserve and with at least 72 resident breeding species. The marsh and wetlands are considered a critical water source for many species such as Desert bighorn sheep and mule deer. Some areas within the ACEC provide a combination of meteorological, geological, hydrological, and topographical features that have been identified as important climate refugia (slow/minimized climate changes) for wildlife species.

Cultural: The Morongo Preserve was the site of a large (>10 acre) historic "*Maringa*" (Morongo) Native American Serrano permanent settlement. Present on the site are bedrock mortars, several types of ceramic wares, lithic tool stone debitage and numerous late period projectile points.

Recreation Area: This unit overlaps with Sand to Snow SRMA.

Overarching Goals:

Protect biological, riparian and cultural values of an area providing for compatible public uses and ecosystem services (e.g. carbon sequestration).

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

Most of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
24,570	24,940	0	1%

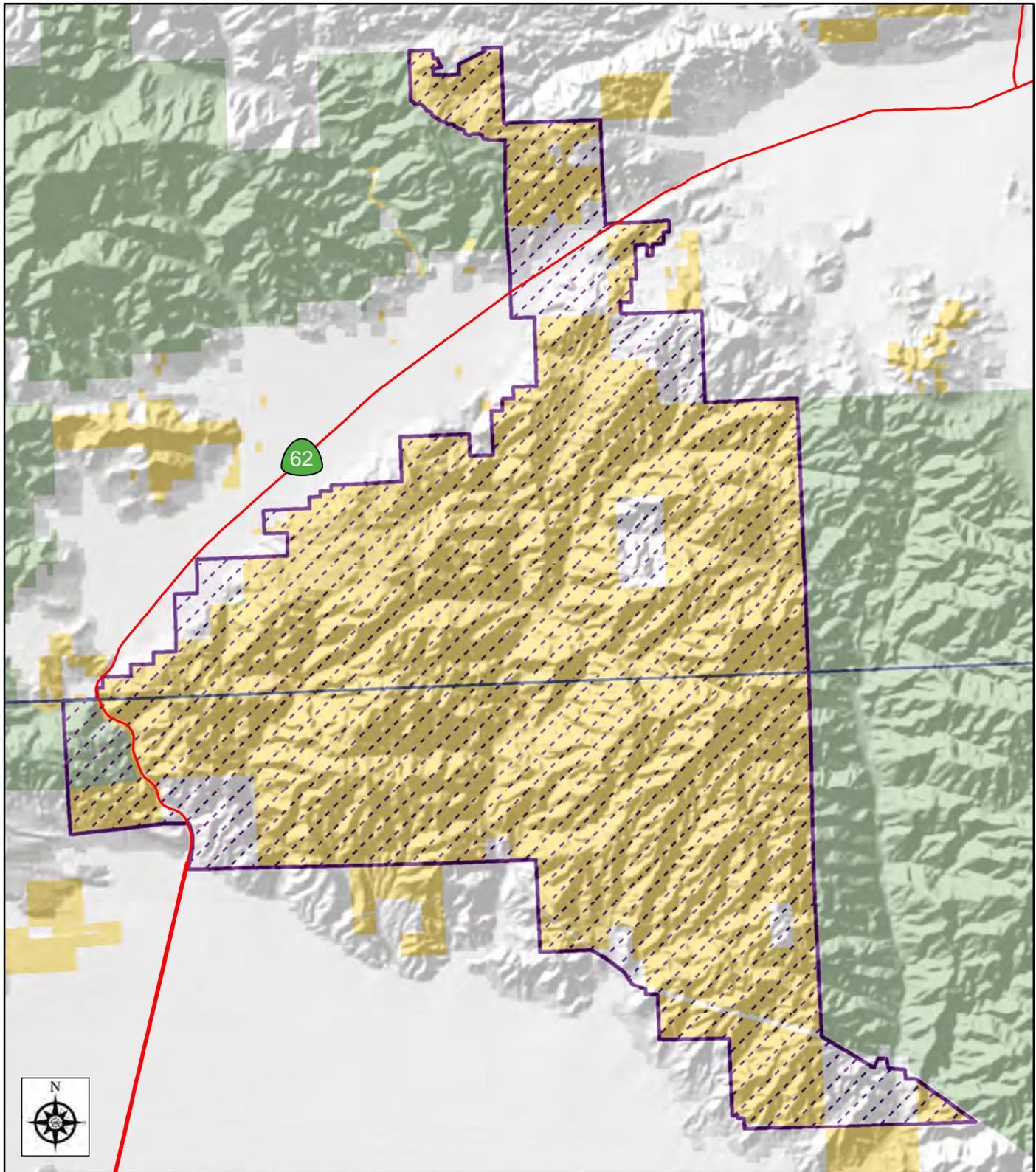
* Acreage values are for BLM managed lands

Objectives (desired future conditions) /Allowable Uses/Management Actions	Resource
Objective: Protect soils and water sources by limiting OHV use.	Soil, water, air
Objective: Improve native riparian and sensitive habitats Management Action: <ul style="list-style-type: none"> Remove tamarisk Special Status Species include: Triple-ribbed Milkvetch Little San Bernardino Mountains Gilia Latimer’s Woodland Gilia White-bracted Spineflower. Important Habitats include: Mojave Riparian Woodland Desert Dry Wash Woodland Freshwater Marsh Joshua Tree Woodland	Vegetation - Including special status plant species
Objective: Maintain plant and animal species diversity and optimize wildlife Management Action: <ul style="list-style-type: none"> Provide nest boxes for cavity nesting birds Species of concern include: Desert Tortoise Desert Bighorn Sheep Mountain Lion	Fish and Wildlife - Including special status fish and wildlife species

<p>Mule Deer Gambel's Quail Burrowing Owl Least Bell's vireo Yellow-breasted chat Yellow warbler</p>	
<p>Objective: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Prioritize habitat enhancement in areas expected to provide for the greatest level of resiliency (good response or rehabilitation results after significant disturbance such as fire) and or resistance to change (e.g. climate refugia). • Consider actions that enhance the primary productivity of climate refugia with native species restoration, reduced soil surface disturbance, and habitat infrastructure to increase carrying capacity of refugia (e.g., wetland, oasis). • Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation. <p>Objective: Maintain and or enhance key ecosystem processes (e.g., carbon sequestration, water residence time) and prepare and respond to significant disturbances to the environment (e.g. floods).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Develop proactive and responsive management actions for potentially dangerous and damaging disturbances to the environment, which are exacerbated by climate change (e.g. wildfire, flash floods, etc.). • Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota. • Leverage disturbance events and other landscape changes, when possible, as opportunities to assess climate adaptation actions. For example, revegetation objectives for projected climate scenarios benefiting multiple ecosystem services (habitat and carbon sequestration objectives). 	<p>Climate Change and Adaptation</p>
<p>Objective: Protect archaeological sites.</p> <p>Allowable Uses: With the exception of the Kickapoo Trail ROW, this area is closed to OHV use.</p> <p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules</p>	<p>Cultural Resources</p>

<p>Management Action:</p> <ul style="list-style-type: none"> • Manage as VRM class II 	Visual Resources
<p>Objective: Maintain ACEC values and manage as previously designated</p> <p>Allowable Uses: Limit off-highway vehicle use to designated routes, designate Mountain bike and equestrian use as per the local Travel Management plan.</p>	Trails and Travel Management
<p>Objective: Provide dispersed opportunities focused on enjoyment of the unit qualities.</p> <p>Allowable uses: Camping in Big Morongo only with authorization; Little Morongo: open camping year round; Pets allowed in Little Morongo, but only on leash; Discharge of firearms prohibited in Big Morongo; Legal take of game with firearms allowed in Little Morongo; No pets/mountain bikes in Big Morongo; Equestrian users must stay on designated trails</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Install interpretive sign and kiosk inside northern boundary and at south end of canyon as funding allows. • Coordinate land use programs and objectives with Nature Conservancy and San Bernardino County Regional Parks for adjacent lands <p>Refer to the Sand to Snow Special Recreation Management Area (SRMA) write-up for detailed objectives, allocations, and management direction</p>	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. 	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy

<p>Allowable Uses: Open to locatable minerals. Closed to mineral material sales and leasing.</p> <p>Management Action:</p> <ul style="list-style-type: none">• Recommend withdrawal, based on original plan.	<p>Locatable Minerals Mineral Materials Non-Energy Leasable</p>
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ACEC Boundaries

-  1% Disturbance Cap
-  DRECP Boundary
-  CDCA Boundary
-  LLPA

Land Status

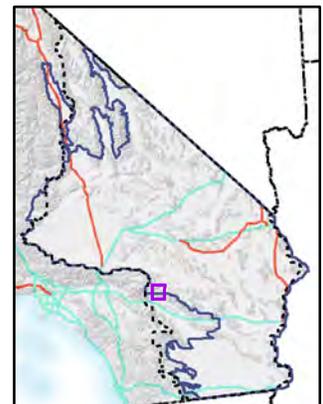
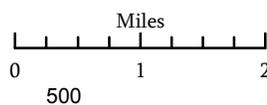
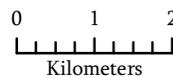
-  Bureau of Land Management

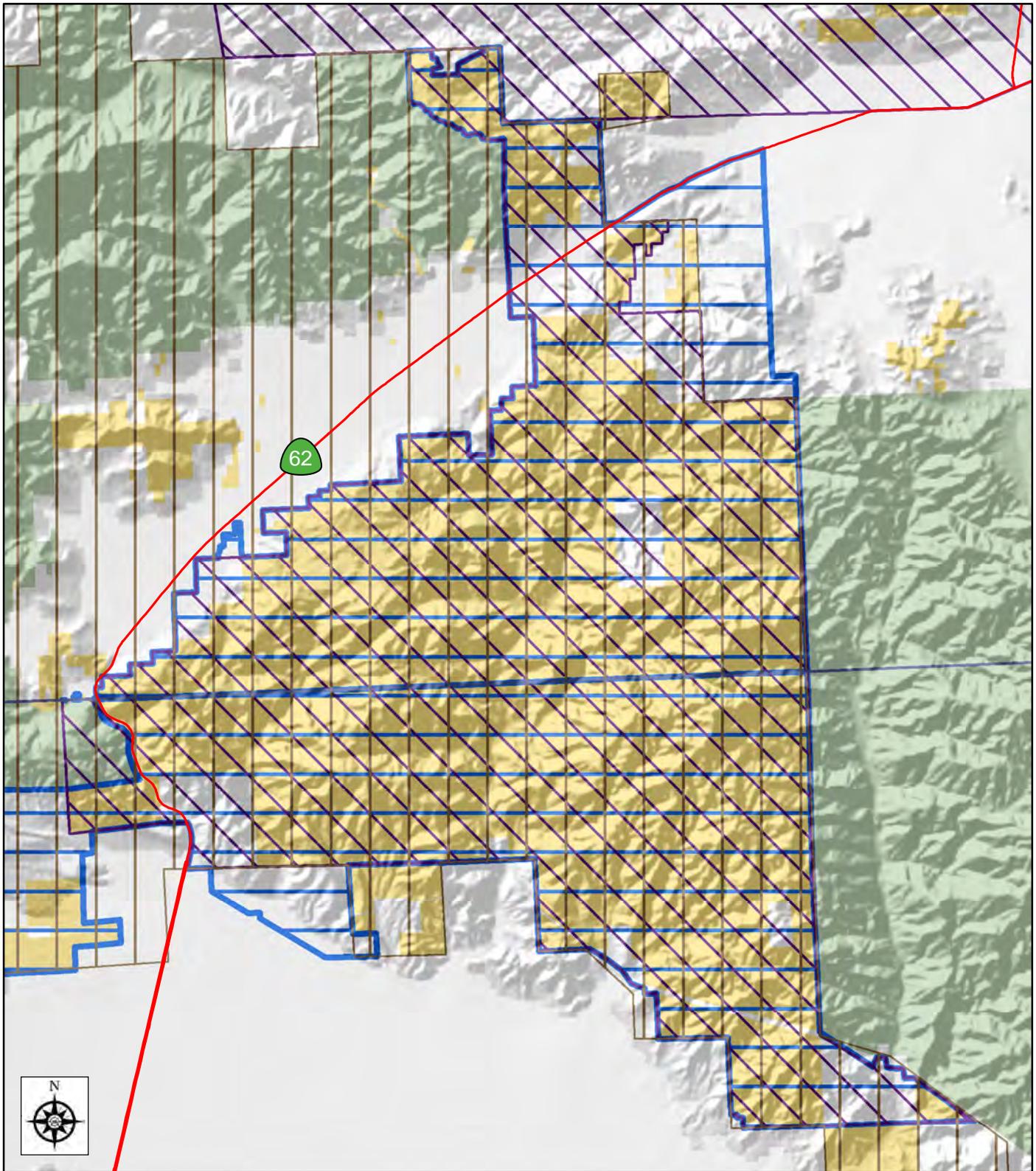
Big Morongo Canyon ACEC



7/21/2016

BLM California State Office





-  SRMA Boundaries
-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA

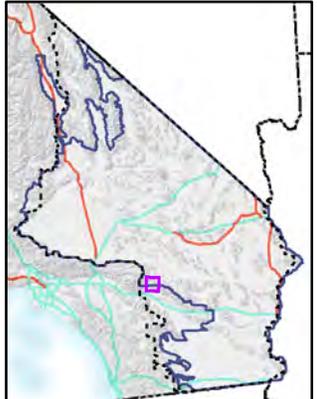
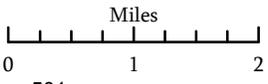
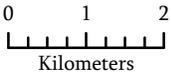
Land Status

-  Bureau of Land Management

Big Morongo Canyon ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Brisbane Valley Mojave Monkeyflower

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes and West Desert and Eastern Slopes

Description/Location: This is one of two ACECs for Mojave Monkey Flower. This unit is located west of Interstate 15, approximately 1.5 miles east of the town of Bryman.

Nationally Significant Values: Not designated NCL.

Special Designations/Management Plan/Date: Original ACEC established in 2006 West Mojave Plan

Relevance and Importance Criteria: The area is important for botanical resources and to protect sensitive and restrictive plant species, in particular the Mojave Monkeyflower.

Grazing Allotment: This unit overlaps with the Stoddard Mountain Allotment.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA.

Designation and Acreage:

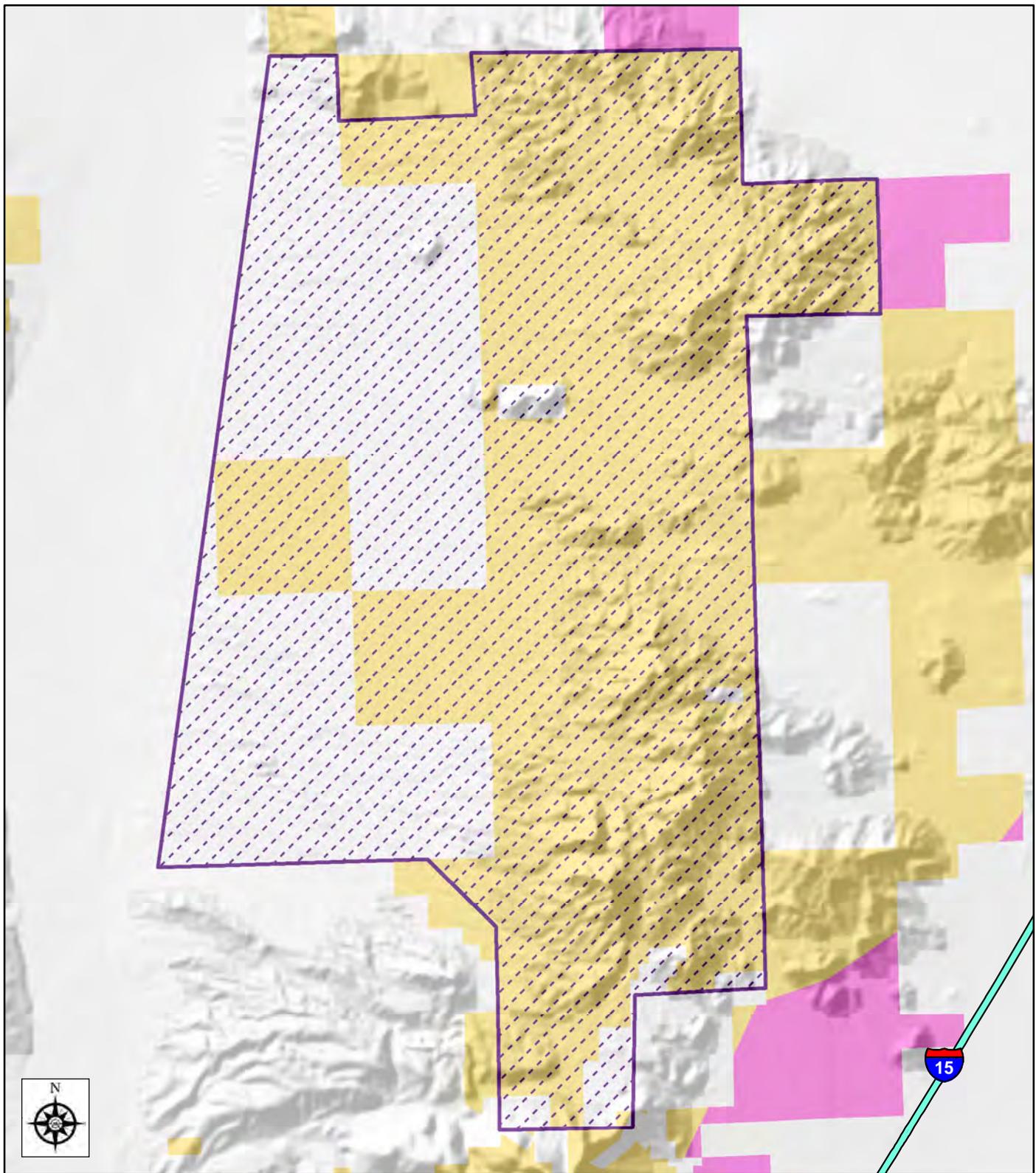
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	11,670	0	1%

*** Acreage values are for BLM managed lands**

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance Mojave Monkeyflower (<i>Mimulus mohavensis</i>) populations</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Protect viable populations on public land • Coordinate with mining companies to protect this species • Establish a core reserve on public land in the Brisbane Valley <p>Note: Provide site-specific management of occupied habitat on public lands outside the core reserves</p>	<p>Vegetation - Including special status species</p>

<p>Objective: Protect intact desert tortoise habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Maintain linkage connection across the ACEC to allow tortoise to move between the Fremont-Kramer and Ord Rodman 	<p>Fish and Wildlife - Including special status species</p>
<p>Objective: Protect Mojave Monkeyflower from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Authorize no new routes in ACEC • Through the local Travel Management Plan process, modify the Route Network to reflect designated routes through the ACEC and close other existing unauthorized routes 	<p>Trails and Travel Management</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Acquire inholdings, edge holdings and other interests from willing sellers. • The conservation area will be deleted from the lands available for exchange in the Land Tenure Adjustment program 	<p>Land Tenure</p>
<p>Objective: Protection of the Mohave Monkey flower populations</p> <p>Allowable Uses: Right-of-way exclusion area except in existing utilities corridor</p> <p>Management Action:</p> <ul style="list-style-type: none"> • New utilities locating within the existing corridor will be required to avoid Monkey flower occurrences to the maximum extent practicable and provide compensation where avoidance is infeasible 	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Objective: Protect Mojave Monkey flower from mining activities</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Include stipulations to protect the monkey flower including not disturbing occupied habitat 	<p>Locatable Minerals Mineral Materials Non-energy Leasables</p>

<p>Objective: Protect plants and habitat by restricting grazing within the ACEC</p> <p>Allowable Uses: Existing allotments are authorized but do not authorize new allotments or expansion of existing allotments (either in size or increase in number of AMUs), if willing relinquishment, would be made unavailable. A part of this ACEC is within the Stoddard Mountain grazing allotment. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the achievement of standards and guidelines.</p>	Livestock grazing
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ACEC Boundaries

 1% Disturbance Cap

Renewable Footprint

 DFA

 DRECP Boundary

 CDCA Boundary

Land Status

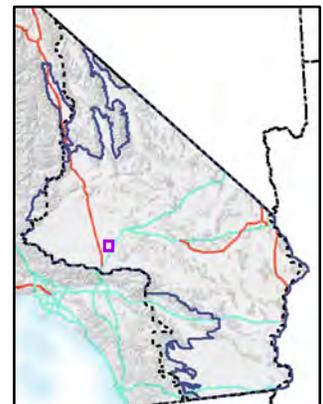
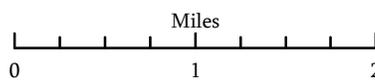
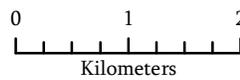
 Bureau of Land Management

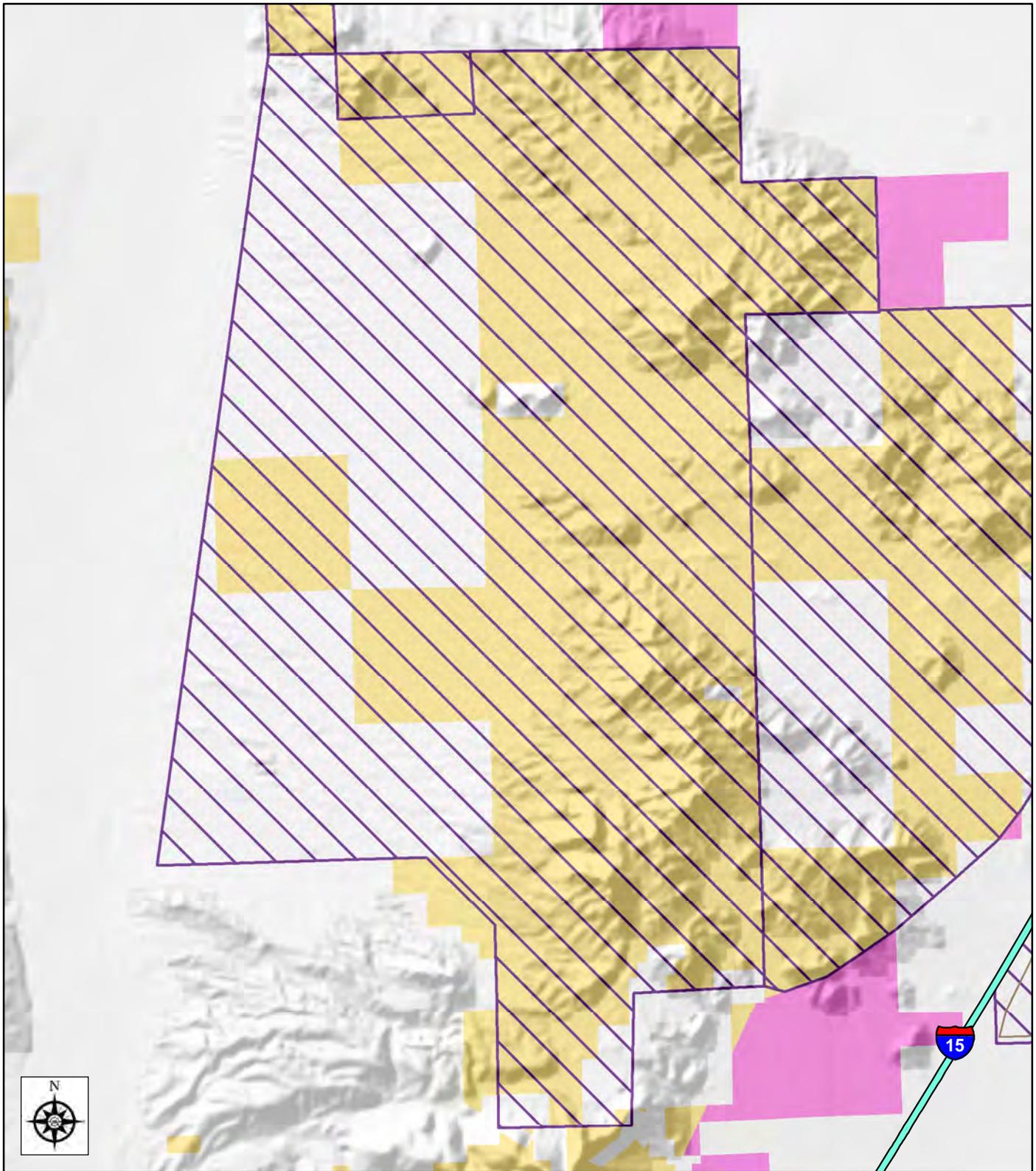
Brisbane Valley Monkey Flower ACEC



7/21/2016

BLM California State Office





-  SRMA Boundaries
 -  ACEC Boundaries
- Renewable Footprint

-  DFA
-  DRECP Boundary
-  CDCA Boundary

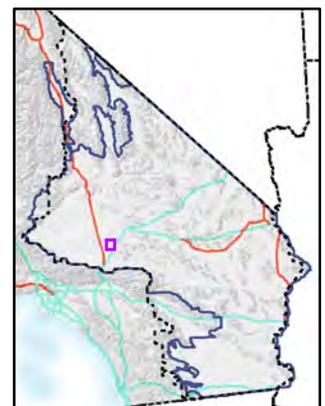
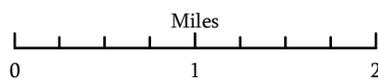
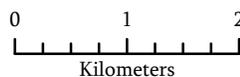
Land Status

-  Bureau of Land Management

Brisbane Valley Monkey Flower ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Carbonate Endemic Plants Research Natural Area

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: The ACEC encompasses public lands within the area east of Highway 18 on the foothills of the San Bernardino Mountains.

Nationally Significant Values:

Ecological: This ACEC encompasses vital habitat for four federally listed and one unlisted narrowly endemic carbonate plant species. The ACEC was designated as a Carbonate Endemic Plants Research Natural Area ACEC. A Research Natural Area means an area that is established and maintained for the primary purpose of research and education because the land has one or more of the following characteristics:

- A typical representation of a common plant or animal association
- An unusual plant or animal association
- A threatened or endangered plant or animal species
- A typical representation of common geologic, soil, or water features
- Outstanding or unusual geologic, soil, or water features

The RNA meets the characteristics above because it supports an unusual geologic, soil, and plant association and because it contains habitat for threatened and endangered species.

Special Designations/Management Plan/Date: Originally established in WEMO, March 2006. In addition to this Special Unit Management Plan, the West Mojave Plan would serve as the more-detailed ACEC management plan so that a future ACEC plan may not be required.

Relevance and Importance Criteria: This ACEC and encompasses vital habitat for four federally listed and one unlisted narrowly endemic carbonate plant species. This ACEC also encompasses habitat for the San Diego Horned Lizard, Gray Vireo, and Bighorn Sheep. This area also functions as a primary wildlife connectivity zone.

Grazing Allotment: This unit overlaps with Rattlesnake Canyon Allotment.

Overarching Goal: Protect four federally listed on one unlisted species of plants, as well as the San Diego horned lizard, gray vireo, and big horn sheep. This area also functions as a primary wildlife connectivity zone.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

This area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage:

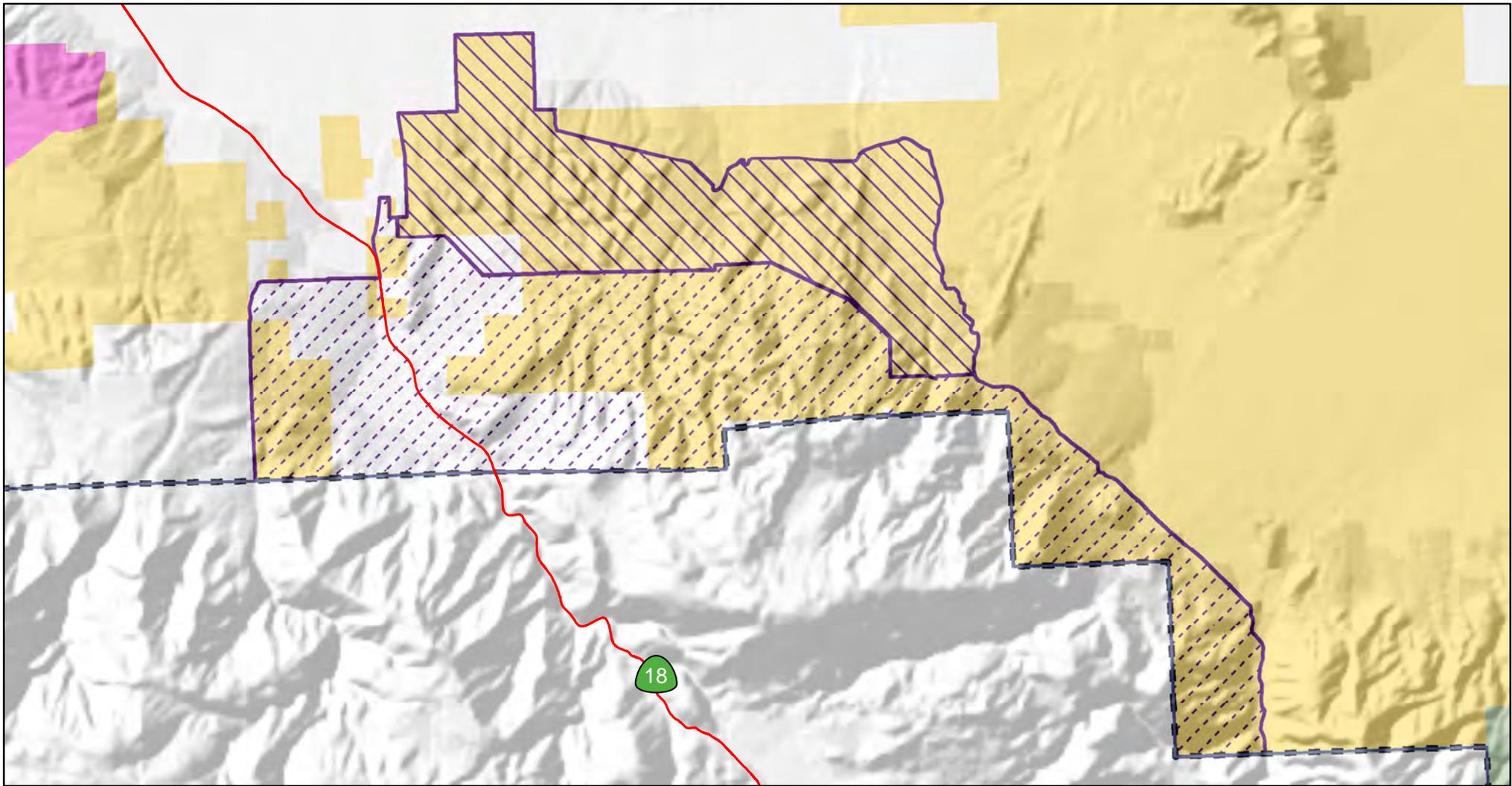
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
5,040	5,040	0	0.5%, 1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of habitat for the sensitive plant species</p> <p>Management Actions:</p> <ul style="list-style-type: none"> As described in the West Mojave Plan, implement provisions of the Carbonate Habitat Management Strategy (CHMS). The CHMS is a cooperative plan developed by the Forest Service, BLM, and mining and environmental stakeholders. It includes very specific criteria for conservation, land acquisition, and mining. Remove invasive plants, rehabilitate/revegetate disturbed areas <p>Sensitive plant species include: Parish's daisy (<i>Erigeron parishii</i>) Cushenbury buckwheat (<i>Eriogonum ovalifolium</i>) Cushenbury milk-vetch (<i>Astragalus albens</i>) Cushenbury oxytheca (<i>Acanthoscyphus parishii</i> var. <i>goodmaniana</i>) Parish's brittlescale (<i>Atriplex parishii</i>) San Bernardino milk-vetch (<i>Astragalus bernardinus</i>) frosted mint (<i>Poliomintha incana</i>) alkali mariposa-lily (<i>Calochortus striatus</i>) San Bernardino aster (<i>Symphotrichum defoliatum</i>) Big Bear Valley woollypod (<i>Astragalus leucolobus</i>)</p>	<p>Vegetation - Including special status species</p>
<p>Objective: Maintain or improve condition of habitat for sensitive wildlife species</p> <p>Management Action:</p> <ul style="list-style-type: none"> Protect populations of special status animals <p>Special status animals include: Golden eagle Desert tortoise San Diego horned lizard Big horn sheep</p>	<p>Fish and Wildlife – Including special status species</p>

<p>Objective: Protect sensitive plant habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All existing routes of travel on public lands within the ACEC would be designated as open, limited, or closed. The boundary road defining the perimeter of the ACEC is currently an open route. Most other existing routes within the ACEC are limited or closed. These internal routes cross designated critical habitat for listed plants, but are open for limited use to allow access to claimholders, researchers, and other permitted events and activities. Permitted events, such as dual sport rides, can occur but would require monitoring and stipulations to avoid areas of botanical sensitivity adjacent to roads.</p>	<p>Trails and Travel Management</p>
<p>Objective: Provide dispersed opportunities focusing on enjoyment of the ACEC attributes</p> <p>Allowable Uses: Dispersed camping, no camping in critical habitat</p>	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. • Private lands within the ACEC may be acquired or exchanged for other BLM lands in Lucerne Valley. Three options are presented for acquisition of private land and relinquishment of claims. All three methods may be implemented to achieve the objective. <ul style="list-style-type: none"> - Option 1: The BLM would initiate or participate in a land exchange for the highest priority private lands. Public lands bordering the rail spur south of Lucerne Valley would be exchanged for private lands east of Highway 18. The lands along the railway would then be available to mining interests or industrial uses, and the acquired lands east of Highway 18 would be withdrawn from mineral entry. - Option 2: Mining companies may acquire lands within the ACEC as mitigation for use of lands west of Highway 18. "Acquisition" can include purchase of mining claims on public lands as well as purchase of fee title to private lands. The claims or title would be conveyed to BLM, and the acquired lands would be withdrawn from mineral entry. - Option 3: BLM and Fortes Service would prepare an application for Congressional funding through the Land and Water Conservation Fund. Any funds appropriated through this process would be used to purchase private fee lands within the ACEC and National Forest. Acquisition funding would also be sought from the Fish and Wildlife Service Section 6 grants to states. Acquired lands would be unavailable for mineral entry. 	<p>Land Tenure</p>

<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> - Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. 	Rights-of-Way
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Objective: Protect sensitive plant habitat from impacts associated with minerals development</p> <p>Allowable Uses: Within the ACEC, no surface occupancy would be allowed because of the potential for undue degradation to occupied habitat and designated critical habitat. Surface mining would not be consistent with the objectives of RNA. Acquired lands would be withdrawn from mineral entry.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • New proposals will need to be analyzed on a case-by-case basis and cumulatively • Reclamation and revegetation standards specified in the Appendix S of the CHMS would be required for reclamation or restoration projects within the ACEC 	Locatable Minerals Mineral Materials Non-energy Leasables
<p>Objective: Protect sensitive plant habitat from impacts associated with livestock grazing.</p> <p>Allowable Uses: No new allotments, existing allocations okay, but no expansion of allotment (either size or increase number of AUMs), if willing relinquishment, would be made unavailable</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Fencing along the eastern boundary of the ACEC would be installed to prevent cattle from trampling the listed plants on small portions of the Rattlesnake allotment and to prevent cattle from entering Forest lands near Terrace Springs. The fencing would be constructed along the east side of Arrastre Canyon. 	Livestock Grazing



ACEC Boundaries

-  0.5% Disturbance Cap
-  1% Disturbance Cap

Renewable Footprint

-  DFA

 DRECP Boundary

 CDCA Boundary

 LLPA

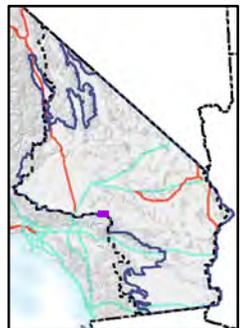
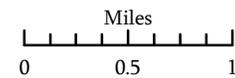
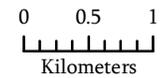
Land Status

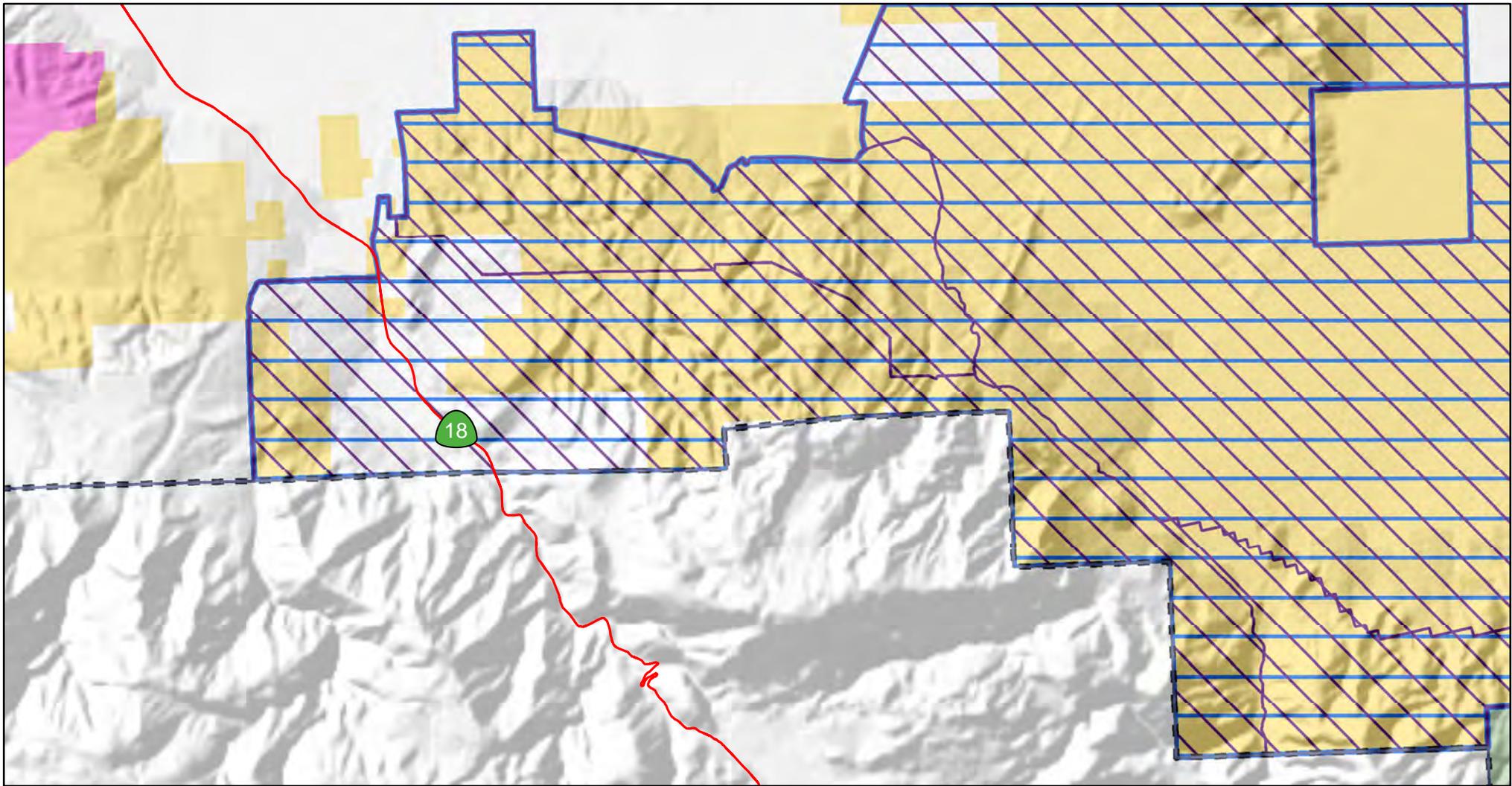
 Bureau of Land Management

Carbonate Endemic Plants RNA ACEC

7/20/2016

BLM California State Office



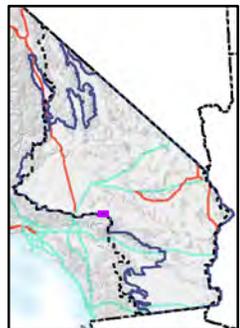
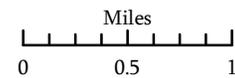
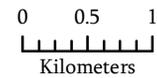


-  ACEC Boundaries
-  CDNCL Boundaries
- Renewable Footprint
-  DFA
-  DRECP Boundary
-  CDCA Boundary
- Land Status
-  LLPA
-  Bureau of Land Management

Carbonate Endemic Plants RNA ACEC and Surrounding BLM Designations

7/21/2016

BLM California State Office



Daggett Ridge Mojave Monkeyflower

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley, Pinto Lucerne Valley and Eastern Slopes, West Desert and Eastern Slopes

Description/Location: This ACEC is completely encompassed by, and is located in the northwestern corner of, the Ord-Rodman ACEC, which is critical habitat for the Federally threatened Desert Tortoise (*Gopherus agassizii*). Under WEMO, this ACEC was part of the Mojave Monkeyflower ACEC, with two distinct geographic areas, one at Daggett Ridge and one in Brisbane Valley. Under the DRECP, each of these geographic areas are separate ACEC units.

Nationally Significant Values:

Ecological: The area is important for protection of the Mojave Monkeyflower (*Mimulus mohavensis*), a BLM Sensitive Species with a highly restricted range.

Special Designations/Management Plan/Date: ACEC established in 2006 West Mojave Plan

Relevance and Importance Criteria: The area is important for the protection of the Mojave Monkeyflower (*Mimulus mohavensis*), a BLM Sensitive Species with a highly restrictive range.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Ord Mountain Allotment and the Stoddard Mountain Allotment.

Lands with Wilderness Characteristics: This unit contains 454 acres of lands that would be managed to protect wilderness character. The CMAs for lands managed to protect wilderness character would also apply in those areas.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

This area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

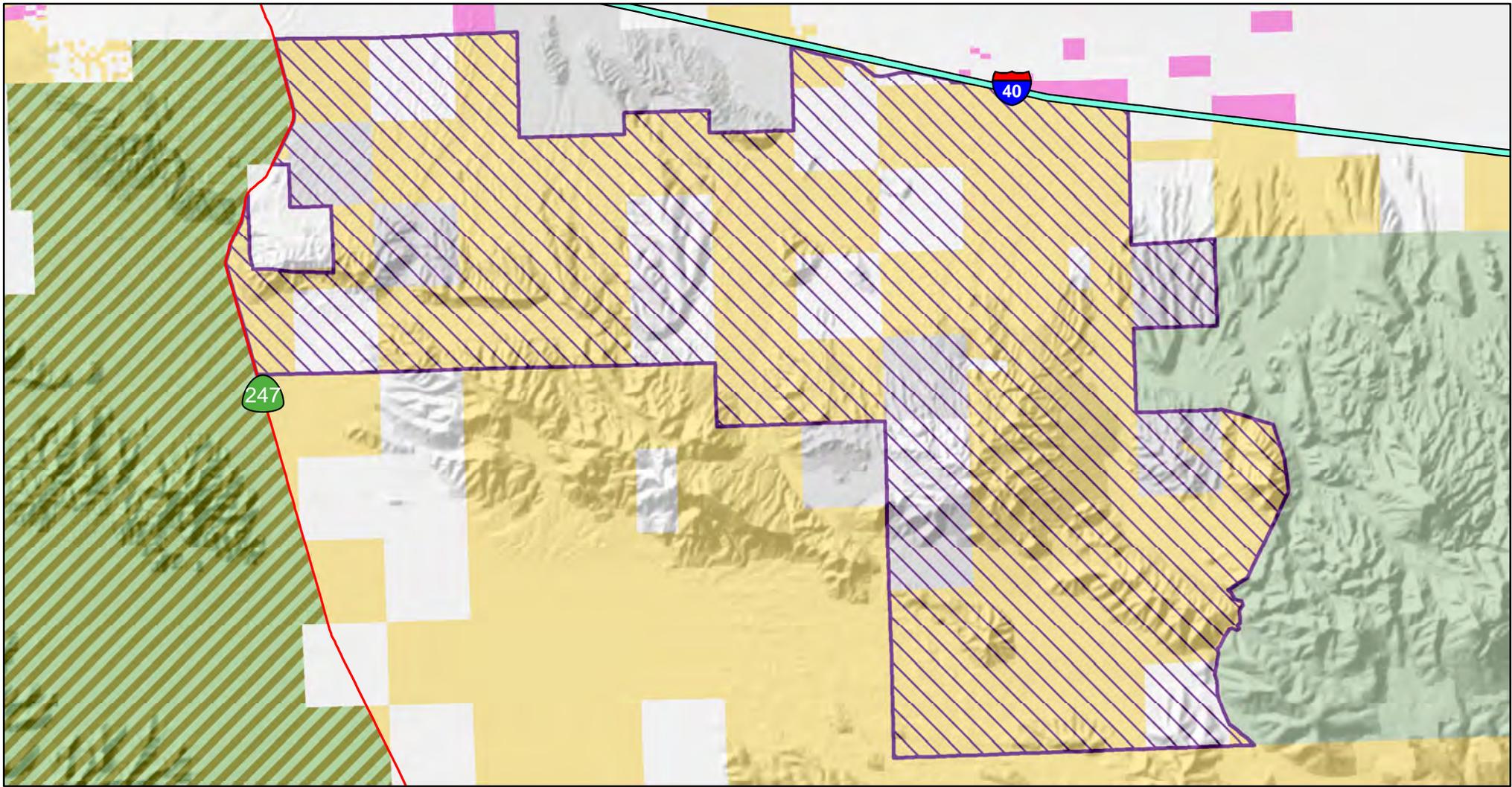
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
25,990	25,990	0	0.5%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance Mojave Monkeyflower (<i>Mimulus mohavensis</i>) populations.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Protect viable populations on public land throughout the range • Coordinate with mining companies to protect this species • Establish a core reserve on public land west of the Newberry Mountains <p>Note: Provide site-specific management of occupied habitat on public lands outside the core reserves</p>	<p>Vegetation - Including special status species</p>
<p>Objective: Protect desert tortoise habitat critical habitat.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Maintain linkage connection across the ACEC to allow tortoises to move between other large habitat blocks. 	<p>Fish and Wildlife - Including special status species</p>
<p>Objective: Protect Mojave Monkeyflower from impacts associated with vehicle traffic</p> <p>Allowable Uses: Limit all vehicle traffic to designated roads and trails.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Authorize no new routes in ACEC • Through the local Travel Management Plan process, modify the Route Network to reflect designated routes through the ACEC and close other existing unauthorized routes • Eliminate routes within washes, unnecessary parallel routes, and routes bisecting populations of Mojave monkeyflowers. 	<p>Trails and Travel Management</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>

<p>Objective: Protection of the Mohave Monkeyflower populations</p> <p>Allowable Uses: Right-of-way exclusion area except in the existing utility corridor</p> <p>Management Action:</p> <ul style="list-style-type: none"> • New utilities locating within the existing corridor will be required to avoid Monkeyflower occurrences to the maximum extent practicable and provide compensation where avoidance is infeasible 	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Objective: Protect Mojave Monkeyflower from mining activities</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Include stipulations to protect the monkey flower including not disturbing occupied habitat 	Locatable Minerals Mineral Materials Non-Energy Leasables
<p>Objective: Protect plants and habitat by reducing impacts of grazing within the ACEC</p> <p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable.</p>	Livestock grazing



ACEC Boundaries
 0.5% Disturbance Cap
 Renewable Footprint
 DFA

DRECP Boundary
 CDCA Boundary
 LLPA
 Open OHV Areas

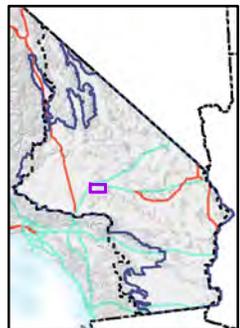
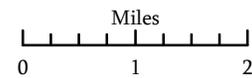
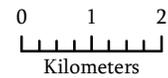
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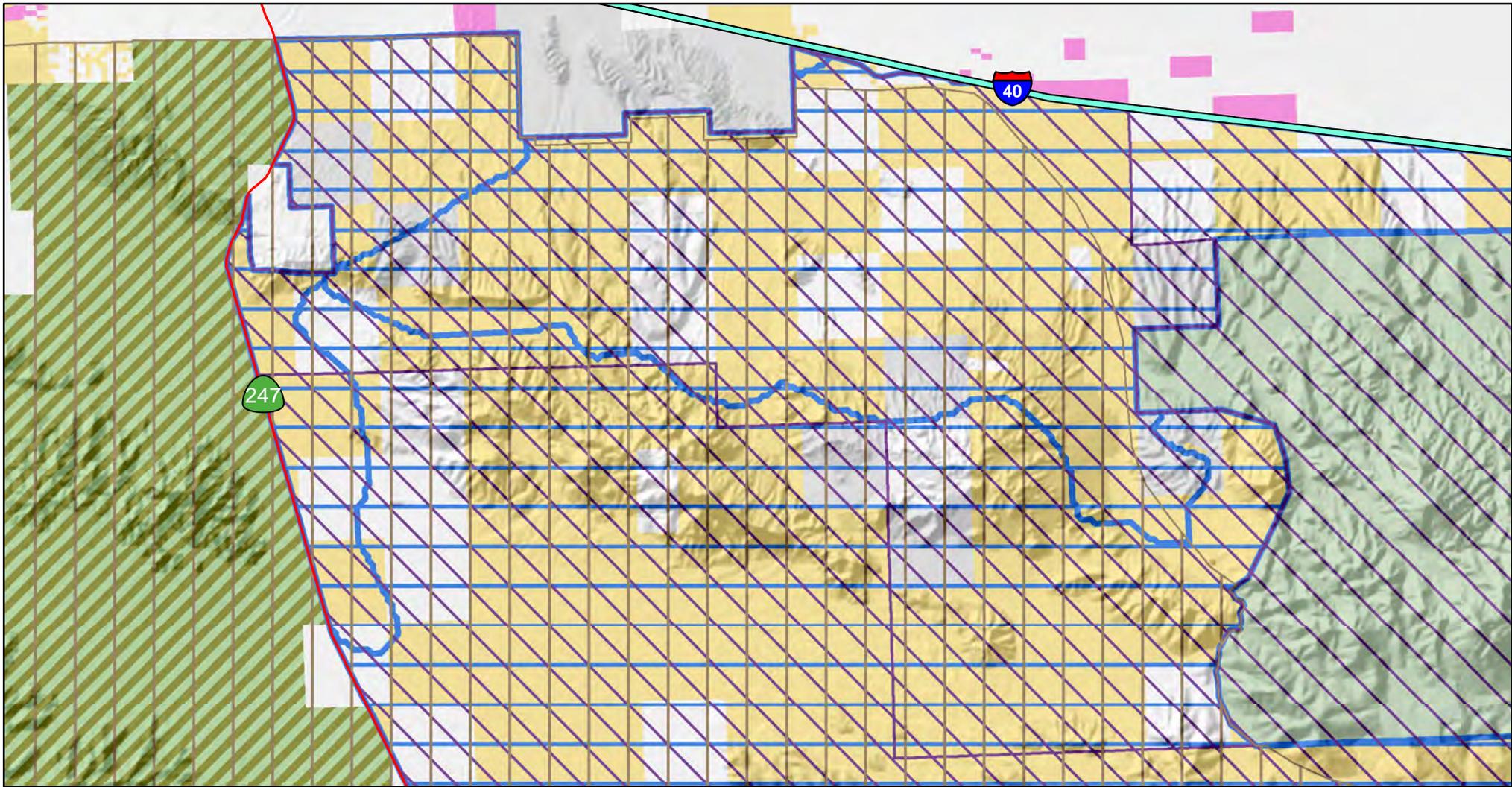
Bureau of Land Management
 Department of Defense

Daggett Ridge Mojave Monkey Flower ACEC

7/21/2016

BLM California State Office

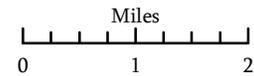
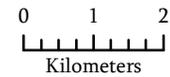




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|--|---|
|  SRMA Boundaries |  DRECP Boundary |
|  ACEC Boundaries |  CDCA Boundary |
|  CDNCL Boundaries |  LLPA |
| Renewable Footprint |  Open OHV Areas |
|  DFA | Land Status |
| |  Bureau of Land Management |
| |  Department of Defense |

Daggett Ridge Mojave Monkey Flower ACEC and Surrounding BLM Designations 7/22/2016

BLM California State Office



Granite Mountain Wildlife Linkage

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes and West Desert and Eastern Slopes

Description/Location: Bounded on the south by San Bernardino National Forest and on the north by the Bendire's Thrasher ACEC, this wildlife corridor linkage area is sandwiched between Lucerne Valley and Apple Valley and includes Granite Mountain.

Nationally Significant Values:

Ecological: The area provides critical links for wildlife populations to the north and south of this linkage area.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, golden eagles, desert tortoise, prairie falcons and several other species. Additionally, numerous rare and sensitive plants have major populations here, and Joshua tree woodland is present, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area. Without this corridor the towns of Lucerne Valley and Apple Valley could merge and create a block for wildlife movement.

Recreation Area: This unit overlaps with Pacific Crest Trail and Stoddard / Johnson SRMAs.

Grazing Allotment: This unit overlaps with Round Mountain Allotment.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, sensitive vegetation communities, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e., management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

A part of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in Volume II. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

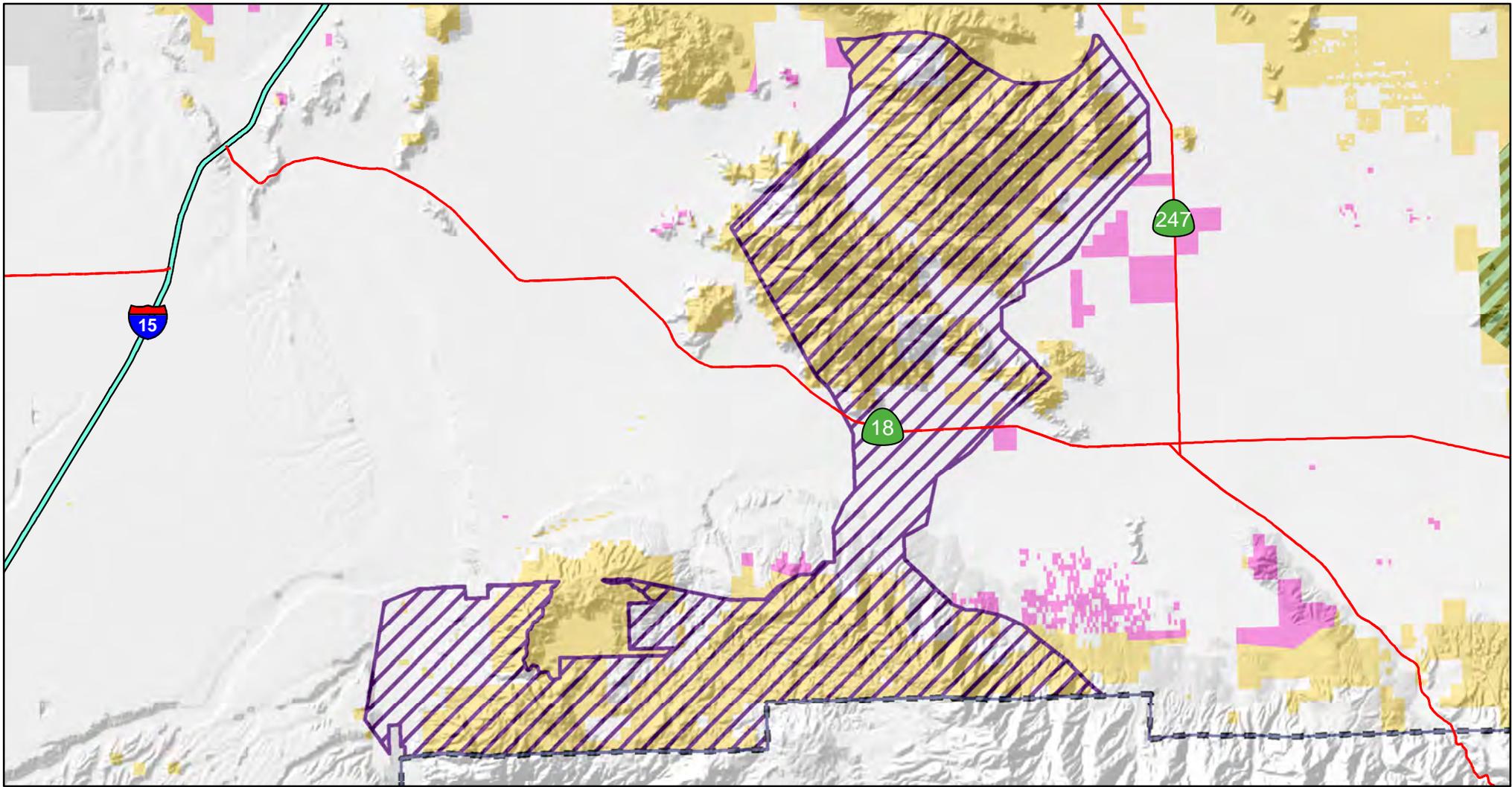
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
3,120	39,290	0	0.25%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or Improve condition of vegetation</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Remove invasive plants, rehabilitate/revegetated disturbed areas • Protect populations of special status plants • Conserve Joshua tree woodland by monitoring population trends, removing/preventing threats, and remediating impacts when they occur. <p>Known rare plants include: <i>Cymopterus multinervatus</i>, <i>Eriogonum ovalifolium</i> var. <i>vineum</i> <i>Acanthoscyphus parishii</i> var. <i>goodmaniana</i>, <i>Saltugilia latemeri</i> <i>Canbya candida</i>, <i>Sidalcea neomexicana</i>, <i>Plagiobothrys parishii</i> <i>Placelia parishii</i>, <i>Puccinellia parishii</i>, <i>Mimulus mohavensis</i> <i>Leymus salinus</i> ssp. <i>Mojavensis</i>, <i>Eriophyllum mohavense</i> <i>Calochortus striatus</i>, <i>Yucca brevifolia</i>, and <i>Yucca schidigera</i></p>	<p>Vegetation – Including special status species</p>
<p>Objective: Protect and enhance sensitive wildlife habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Protect golden eagle nesting habitat, ensure productive nesting • Maintain viable special status species populations and habitat connections between other ACECs and critical habitat <p>Sensitive wildlife species include: Desert tortoise LeConte’s thrasher San Diego pocket mouse Prairie falcon Golden eagles Mohave ground squirrel</p>	<p>Fish and Wildlife Including special status species</p>

<p>Objective: Reduce habitat impacts associated with vehicle use</p> <p>Management Action:</p> <ul style="list-style-type: none"> • All designated routes will be signed • As funding allows, all routes identified as closed will be rehabilitated/restored, As funding allows, restore all undesignated OHV routes 	<p>Trails and Travel Management</p>
<p>Area would be managed within the Pacific Crest Trail and Stoddard / Johnson SRMAs.</p>	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. <p>Note: There is the potential for disposal of a small portion of the ACEC that may occur through direct sale, resulting from a trespass related to the operations of White Knob Quarry. The sale will require additional analysis and a plan amendment.</p>	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC, including habitat connectivity</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. • Land Use Authorizations must not interfere with or inhibit wildlife crossing and movement through the area 	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Allowable Uses: Existing allotments are authorized but do not authorize new allotments or expansion of existing allotments (either in size or increase in number of AMUs), if willing relinquishment, would be made unavailable.</p>	<p>Livestock grazing</p>



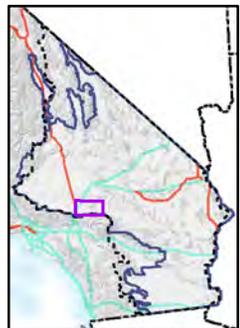
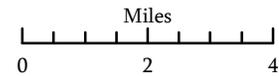
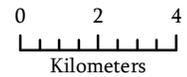
ACEC Boundaries
 0.25% Disturbance Cap
 Renewable Footprint
 DFA

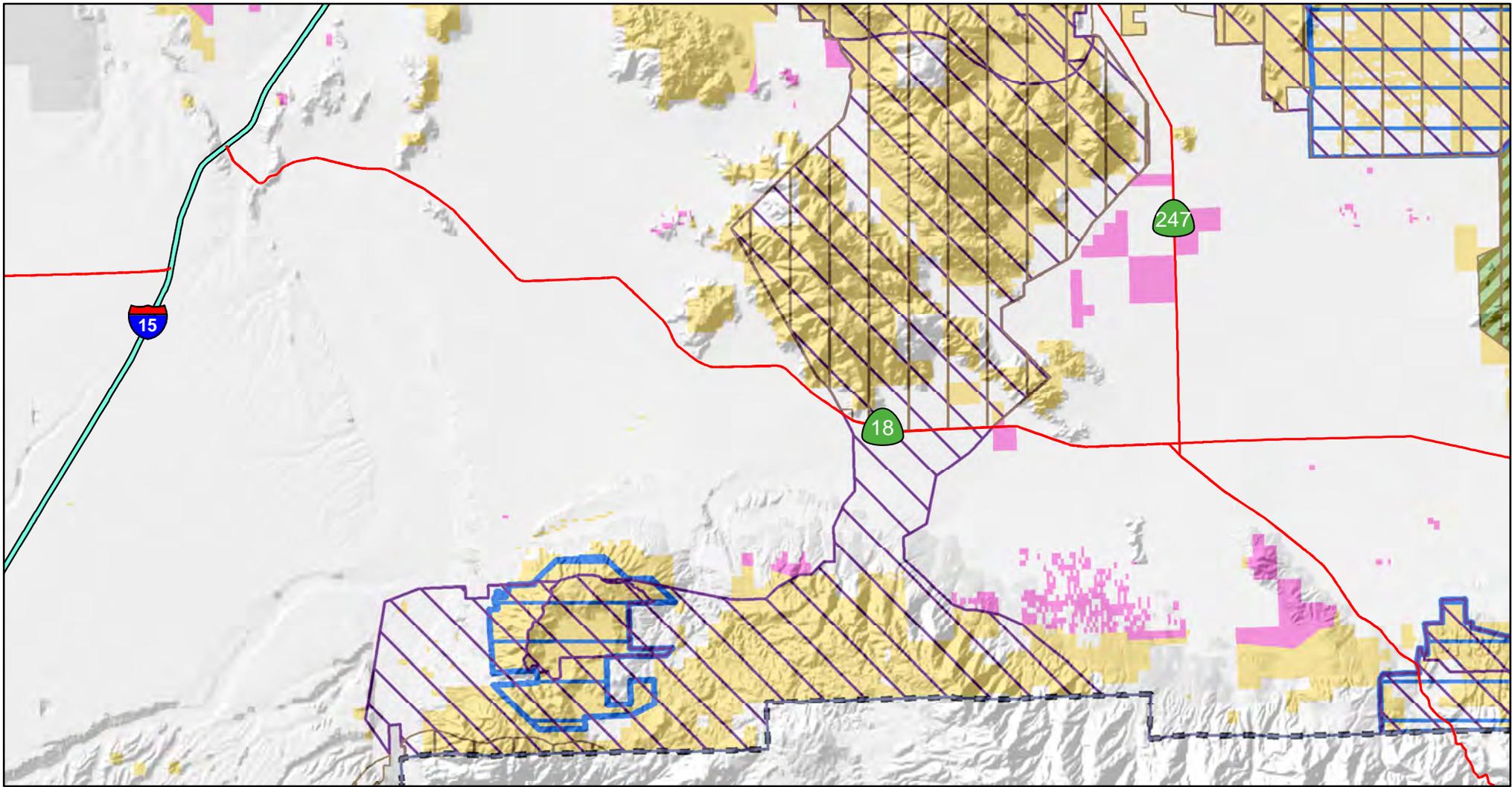
 DRECP Boundary
 CDCA Boundary
 Open OHV Areas
Land Status
 Bureau of Land Management
 Department of Defense

Granite Mountain Wildlife Linkage ACEC

7/21/2016

BLM California State Office

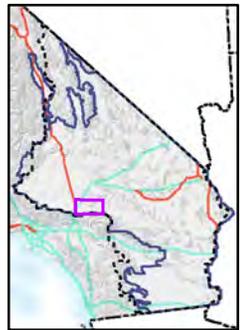
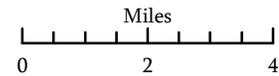
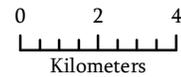




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| | SRMA Boundaries | | DRECP Boundary |
| | ACEC Boundaries | | CDCA Boundary |
| | CDNCL Boundaries | | Open OHV Areas |
| Renewable Footprint | | Land Status | |
| | DFA | | Bureau of Land Management |
| | | | Department of Defense |

Granite Mountain Wildlife Linkage ACEC and Surrounding BLM Designations 7/22/2016

BLM California State Office



Juniper Flats Cultural Area

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: Located in the Ord Mountains about 15 air miles south of Apple Valley, CA.

Nationally Significant Values:

Ecological: The Juniper Flats area serves as a transition zone from the higher elevation evergreen forest on National Forest Service lands to the south, and creosote and yucca habitat at lower elevations to the north, offering habitat diversity and connectivity for wildlife through Lucerne Valley and along the Mojave River. The area contains numerous springs and seeps as well as a few year-round streams which support a diverse array of flora and fauna.

Cultural: The area is an extremely diverse and dense region for cultural resources. There are numerous sites that meet criteria for the National Register of Historic Places associated with this unit. The area has numerous rock shelters and village sites. This is a transition area between the mountains and Mojave Desert and would lend to the understanding of migration patterns of local peoples. This area is of great importance to the San Manuel Band of Mission Indians.

Special Designations/Management Plan/Date: ACEC Plan No. 45, September 1988

Relevance and Importance Criteria: Relevant cultural and wildlife values. The area is an extremely diverse and dense region for cultural resources. The ACEC designation will best protect prehistoric and historic archaeological sites. It also provides habitat for the San Diego horned lizard and gray vireo, two species proposed for protection in the West Mojave Plan.

Grazing Allotment: This unit overlaps with Round Mountain Allotment.

Overarching Goals: Properly manage historic and prehistoric resources in the area to avoid their destruction through coordinated management actions.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

This area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

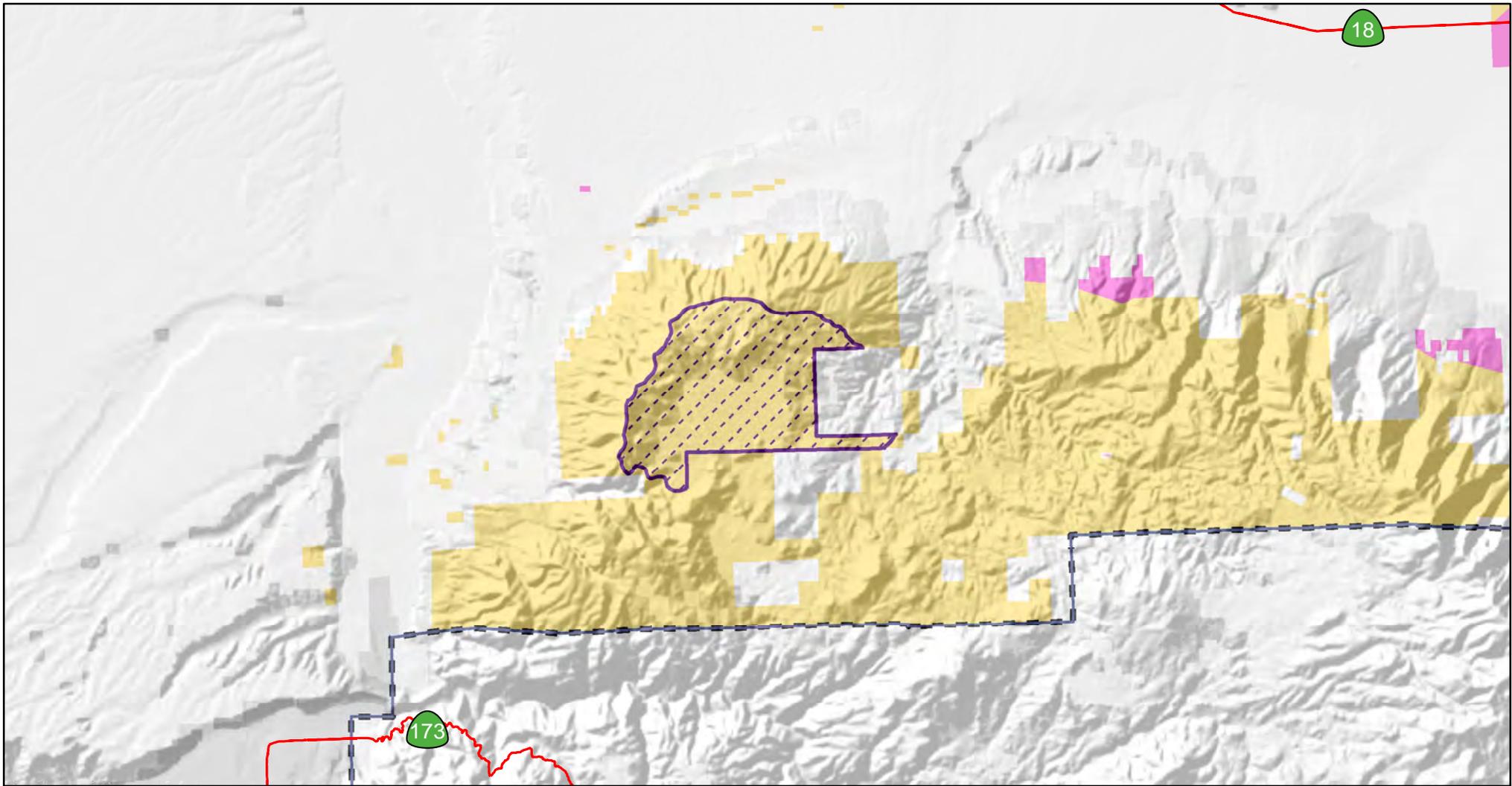
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
2,390	2,390	0	1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance San Bernardino Mountains Dudleya (<i>Dudleya abramsii</i> ssp. <i>affinis</i>) populations. Protect Joshua tree woodlands, and cottonwood and willow riparian areas.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Survey for BLM sensitive species • Identify current occupied and potential habitat • Identify and implement actions to conserve and improve habitat conditions 	Vegetation - Including special status species
<p>Objective: Manage for the protection of sensitive wildlife species</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Survey for BLM sensitive species • Identify current occupied and potential habitat • Identify and implement actions to conserve and improve habitat conditions <p>Species of concern include: San Diego horned lizard Gray vireo</p>	Fish and Wildlife - Including special status species
<p>Objective: Protect sensitive cultural resources from human disturbance</p> <p>Allowable Uses: Motorized use restricted to designated routes of travel</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. • Unauthorized routes will be rehabilitated/restored as funding allows. • Install signs and use barriers to direct vehicle traffic away from sensitive cultural resources • Prohibit establishment of new routes near sensitive cultural resources. • Increase compliance with routes of travel and/or the travel management plan 	Trails and Travel Management
<p>Objective: Provide for dispersed opportunities while protecting relevant resources</p>	Recreation

<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. 	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>



ACEC Boundaries

1% Disturbance Cap

Renewable Footprint

DFA

DRECP Boundary

CDCA Boundary

Land Status

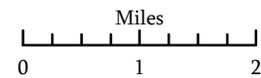
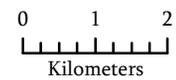
Bureau of Land Management

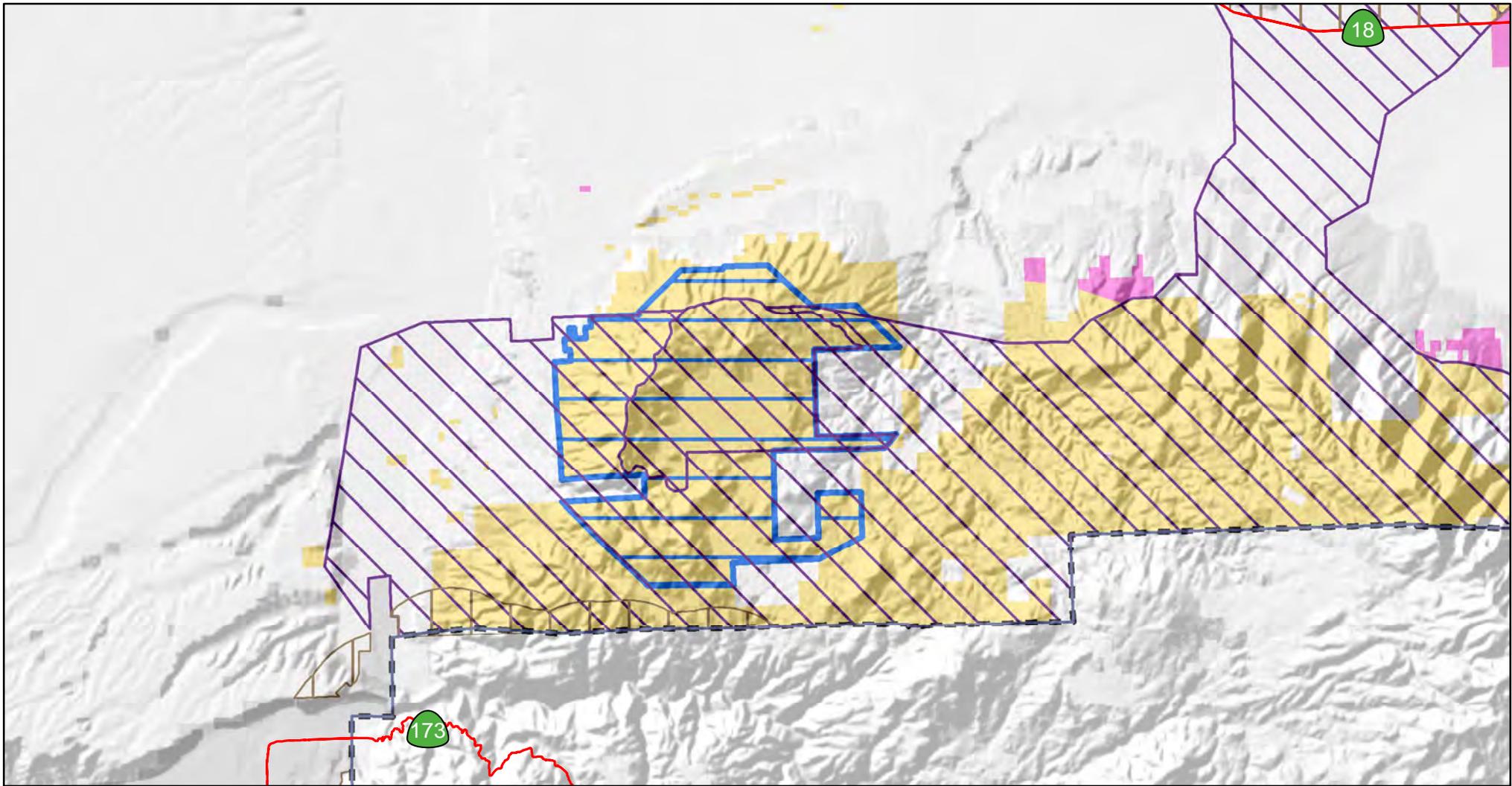
Department of Defense

Juniper Flats Cultural Area ACEC

7/21/2016

BLM California State Office

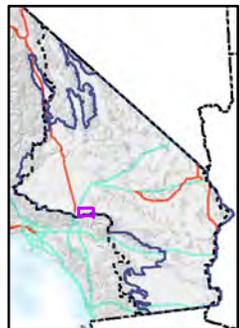
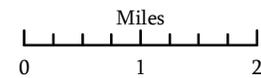
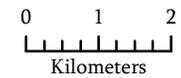




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| SRMA Boundaries | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| CDNCL Boundaries | Land Status |
| Renewable Footprint | Bureau of Land Management |
| DFA | Department of Defense |

Juniper Flats Cultural Area ACEC and Surrounding BLM Designations

7/22/2016
BLM California State Office



Northern Lucerne Wildlife Linkage

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes; West Desert and Eastern Slopes

Description/Location: Connects Ord-Rodman ACEC to the Mojave monkey flower ACEC and Bendire’s Thrasher ACEC and is approximately 16 miles south-southwest of Barstow.

Nationally Significant Values: Not designated NCL.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, golden eagles, desert tortoise, prairie falcons and several other species. Additionally, numerous rare and sensitive plants have major populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area. Without this corridor the towns of Lucerne Valley and Apple Valley will merge and create a block for wildlife movement.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Stoddard Mountain Allotment.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA.

Designation and Acreage:

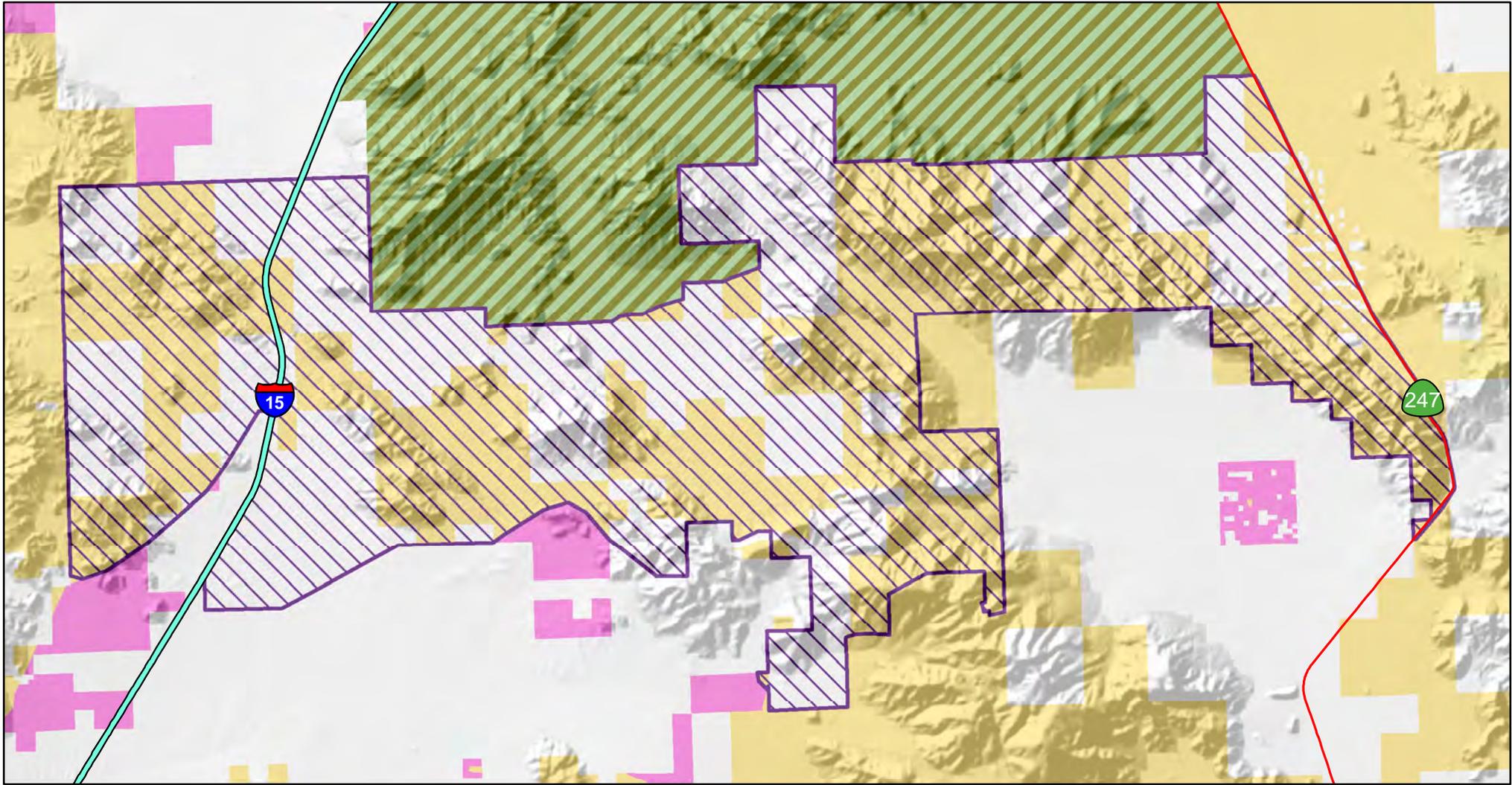
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	21,900	0	0.5%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
Objective: Retain existing flow regime and volume in Mojave River Management Action: <ul style="list-style-type: none"> • Secure Federal Reserve Water Right 	Soil, water, air

<p>Objective: Maintain or Improve condition of sensitive plant habitat</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Remove invasive plants, rehabilitate/revegetate disturbed areas • Protect populations of special status plants <p>Known rare plants include: Barstow wooly sunflower Mojave monkey flower</p>	Vegetation - Including special status species
<p>Objective: Maintain or improve condition of sensitive wildlife habitat</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Protect nesting Golden Eagle habitat, ensure productive nesting • Maintain viable populations and connections between other ACECs and critical habitat for Desert Tortoise <p>Species of concern include; Burrowing owl Lecontes thrasher Prairie falcon Golden eagles</p>	Fish and Wildlife Including special status species
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Establish no new routes in ACEC • Through the local Travel Management Plan process, modify the Route Network to reflect designated routes through the ACEC and close other existing unauthorized routes 	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Install interpretive signs at access points to the ACEC • Conduct public education efforts concerning OHV use in the desert 	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure

<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. 	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable.</p>	Livestock grazing



ACEC Boundaries

0.5% Disturbance Cap

Renewable Footprint

DFA

DRECP Boundary

CDCA Boundary

Open OHV Areas

Land Status

Bureau of Land Management

Northern Lucerne Wildlife Linkage ACEC

7/21/2016

BLM California State Office

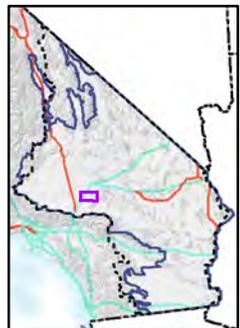


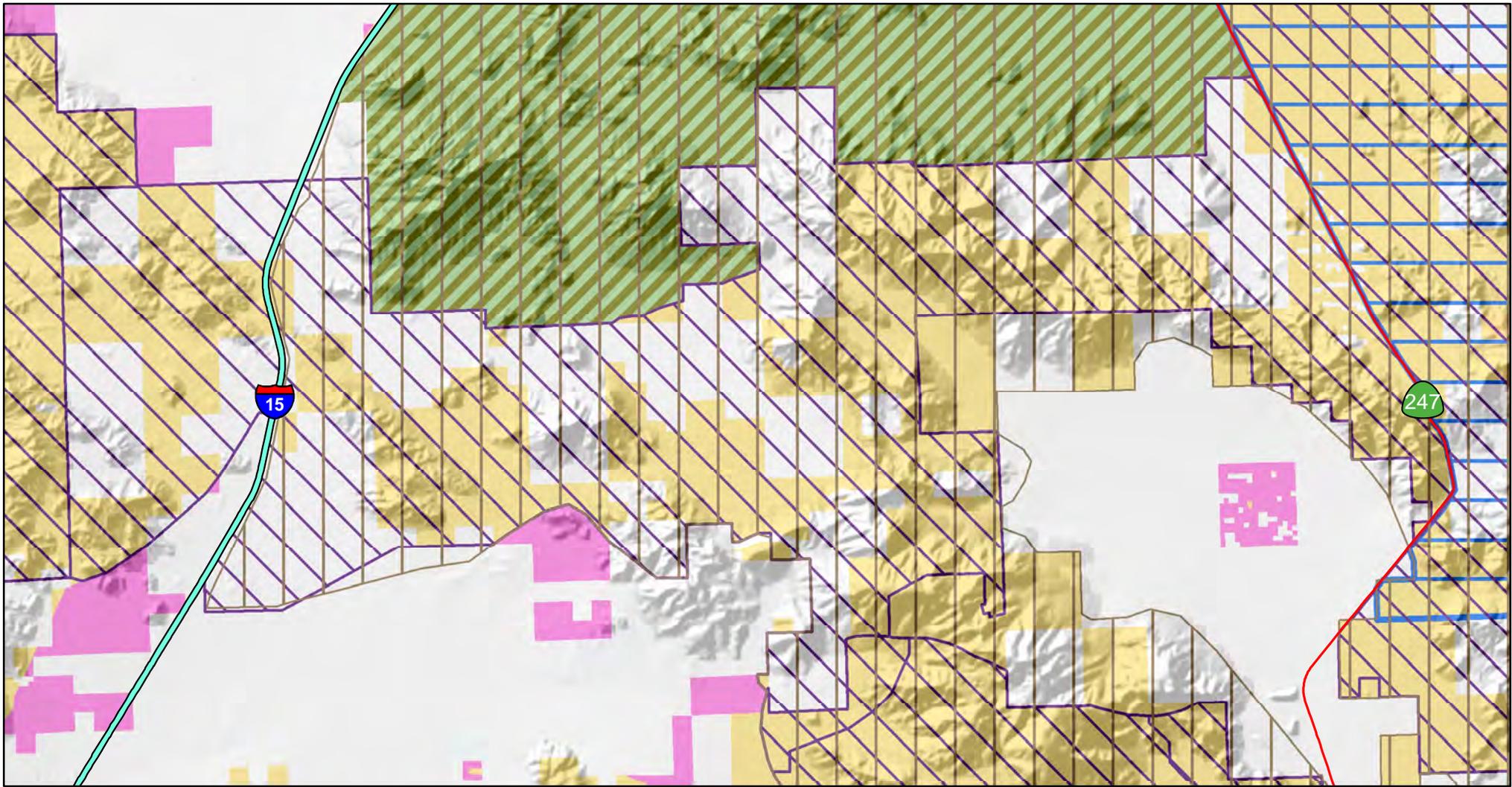
531

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Kilometers



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Miles



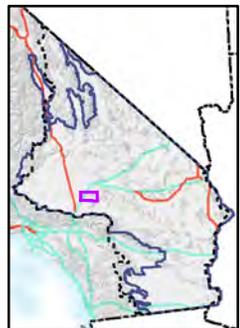
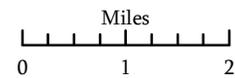
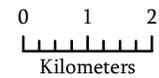


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|----------------------------|---------------------------|
| SRMA Boundaries | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| CDNCL Boundaries | Open OHV Areas |
| Renewable Footprint | Land Status |
| DFA | Bureau of Land Management |

Northern Lucerne Wildlife Linkage ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Old Woman Springs Wildlife Linkage

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: South and west of Hwy 247, north and east of Bighorn Mountain Wilderness, between the towns of Lucerne Valley and Yucca Valley and Pioneertown.

Nationally Significant Values:

Ecological: The area is critical for bighorn sheep, Mojave fringed toed lizards, desert tortoise, burrowing owl and several other species. Additionally, numerous rare and sensitive plants have major populations here; Joshua tree woodland is also present, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, Mojave fringed toed lizards, desert tortoise, burrowing owl and several other species. Additionally, numerous rare and sensitive plants have major populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area.

Grazing Allotment: This unit overlaps with the Rattlesnake Canyon Allotment.

Overarching Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

Most of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage:

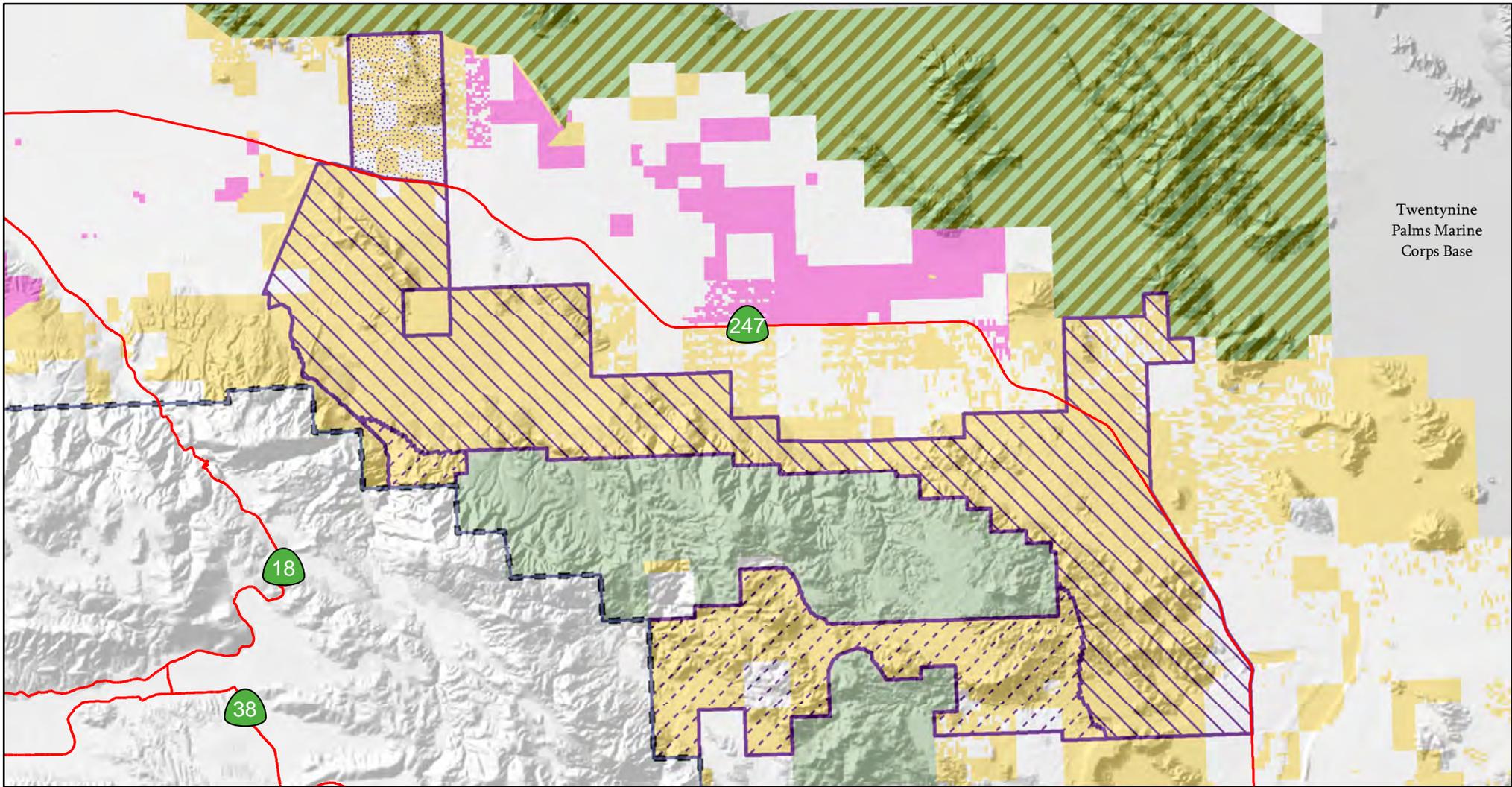
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
50,200	55,980	0	0.10%, 0.5%, 1%

*** Acreage values are for BLM managed lands**

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or Improve condition of sensitive plant habitat and Joshua tree woodland</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Remove invasive plants, rehabilitate/revegetate disturbed areas • Protect populations of special status plants • Monitor Joshua tree woodland population trends, remove/prevent threats, and take remedial actions when impacts occur. <p>Known rare plants include:</p> <p><i>Piranga rubra</i> <i>Mimulus mohavensis</i> <i>Mentzelia tridentata</i> <i>Chorizanthe xanti</i> <i>Linanthus maculatus</i> <i>Astragalus bernardinus</i></p>	<p>Vegetation - Including special status species</p>
<p>Objective: Maintain or Improve condition of sensitive wildlife habitat</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Protect nesting Golden Eagle habitat, ensure productive nesting • Maintain viable populations and connections between other conservation areas <p>Objective: Maintain or improve condition of Nelson Desert Bighorn Sheep habitat</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Maintain viable populations and connections between other conservation areas • Evaluate water sources and determine if artificial water sources should be developed <p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Maintain viable populations and connections between other conservation areas <p>Sensitive Species include:</p> <p>Burrowing owl Leontes thrasher Prairie falcon Golden eagles</p>	<p>Fish and Wildlife Including special status species</p>

<p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules.</p>	<p>Cultural Resources</p>
<p>Objective: Provide for General Management and Protection of Paleontological Resources</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Manage and protect fossil resources consistent with the Paleontological Resources Preservation Act • Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed 	<p>Paleontology</p>
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Authorize no new routes in ACEC • Through the local Travel Management Plan process, modify the Route Network to reflect designated routes through the ACEC and close other existing unauthorized routes 	<p>Trails and Travel Management</p>
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert 	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective 1: Protect resource values of the ACEC including wildlife linkage.</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. • Land use authorizations must not interfere with or inhibit wildlife crossing and movement through the area 	<p>Rights of Way (ROW)</p>

<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable</p>	<p>Livestock grazing</p>



Twentynine Palms Marine Corps Base

ACEC Boundaries

-  0.1% Disturbance Cap
-  0.5% Disturbance Cap
-  1% Disturbance Cap

Renewable Footprint

-  DFA

 DRECP Boundary

 CDCA Boundary

 LLPA

 Open OHV Areas

Land Status

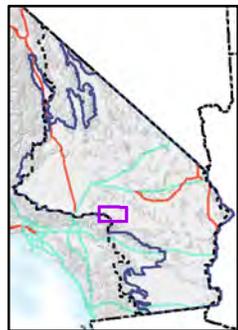
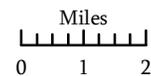
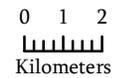
 Bureau of Land Management

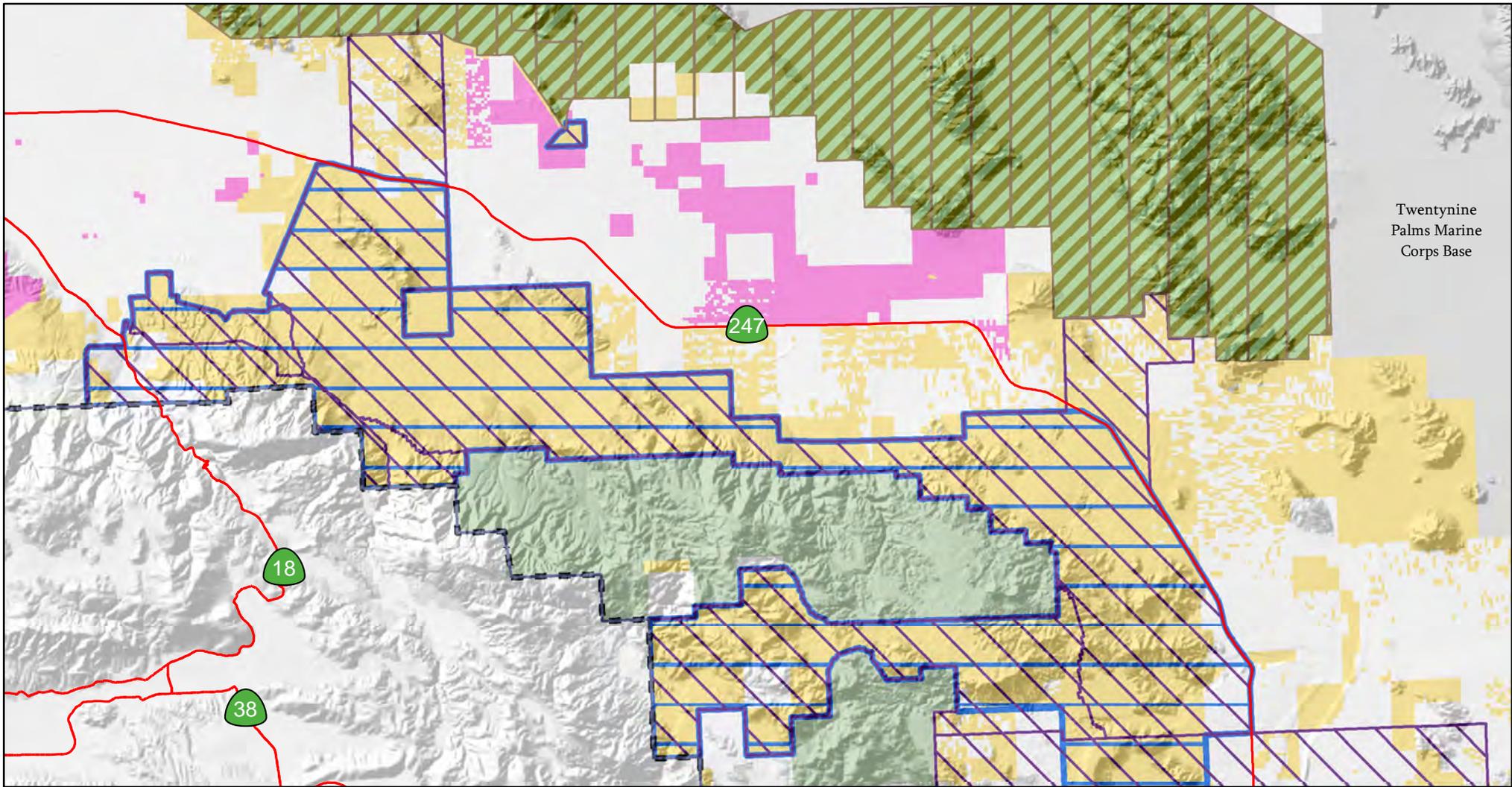
 Department of Defense

Old Woman Springs Wildlife Linkage ACEC

7/21/2016

BLM California State Office





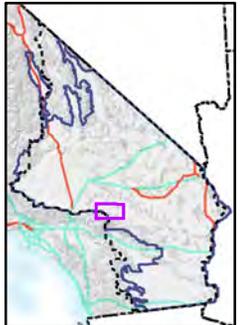
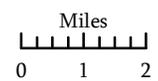
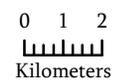
Twentynine Palms Marine Corps Base

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| SRMA Boundaries | DRECP Boundary |
| ACEC Boundaries | CDCA Boundary |
| CDNCL Boundaries | LLPA |
| Renewable Footprint | Open OHV Areas |
| DFA | Land Status |
| | Bureau of Land Management |
| | Department of Defense |

Old Woman Springs Wildlife Linkage ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Ord Rodman

California Desert National Conservation Lands Ecoregion: Mojave and Silurian Valley; Pinto Lucerne Valley and Eastern Slopes; South Mojave-Amboy; West Desert and Eastern Slopes

Description/Location: The boundaries of this ACEC correspond to the general boundaries identified by the Desert Tortoise (Mojave Population) Recovery Plan (Recovery Plan).

Nationally Significant Values:

Ecological: This area provides high density Desert Tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage.

Scientific: Parts of this area have been the subject of long-term population monitoring studies for the desert tortoise.

Special Designations/Management Plan/Date: Established in WEMO, March 2006. The West Mojave Plan would serve as the more-detailed ACEC management plan so that a future ACEC plan may not be required.

Relevance and Importance Criteria: This area provides high density Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage.

Relevant wildlife resource values. Desert Tortoise habitat capable of sustaining viable tortoise populations and the highest value critical habitat.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Ord Mountain, Stoddard Mountain, and Valley Well Allotments.

Lands with Wilderness Characteristics: This unit overlaps with 8,642 acres of lands that would be managed to protect wilderness character. The CMAs for lands managed to protect wilderness character would also apply in those areas.

Overarching Goals: The area is managed for tortoise conservation and recovery until which time the tortoise may be delisted as per criteria given in the Recovery Plan. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

A portion of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

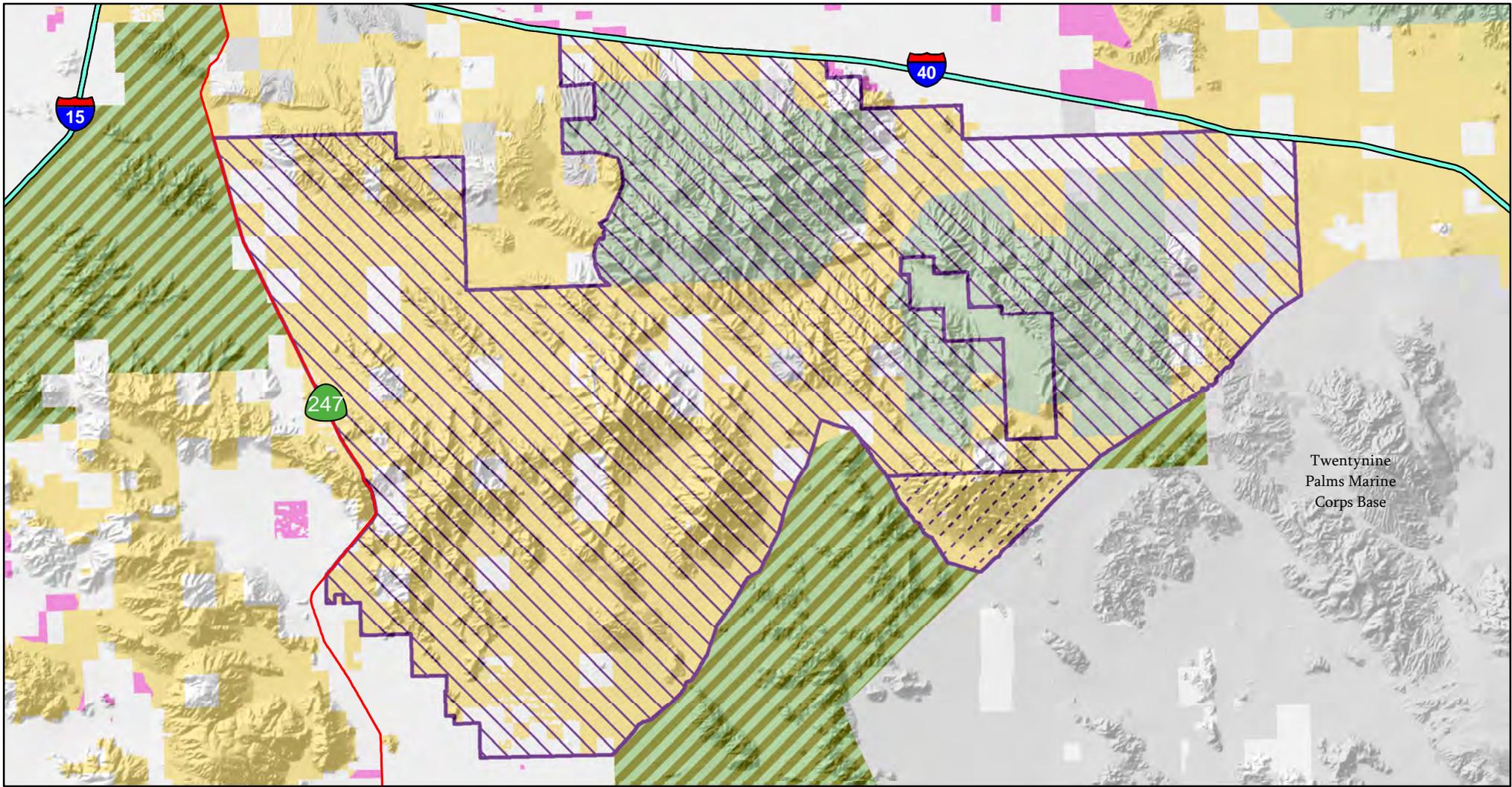
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
131,750	204,860	0	0.5%, 1%

* Acreage values are for BLM managed lands

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> Maintain viable populations and connections between other conservation areas <p>Objective: Monitor long-term trends in desert tortoise populations</p> <p>Management Action:</p> <ul style="list-style-type: none"> A line distance sampling (or other scientifically credible method, if distance sampling proves ineffective) would be implemented in the Ord-Rodman ACEC 	Fish and Wildlife Including special status species
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action:</p> <ul style="list-style-type: none"> Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. Unauthorized routes will be rehabilitated/restored as funding allows. 	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> Install interpretive signs at access points to the ACEC Conduct public education efforts concerning OHV use in the desert, this is especially important at the interface between the ACEC and the Johnson Valley OHV Area 	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure

<p>Objective: Protect resource values of the ACEC including wildlife linkages</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. • To the degree possible, new utility right-of-ways shall be sited as close together as practical given engineering specifications, human safety, and other limiting factors. If an option is available, Corridor W will be used rather than Corridor H in the Ord-Rodman ACEC. 	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Objective: Protect from mining activities</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Include stipulations to protect the important species including not disturbing occupied habitat 	Locatable Minerals Mineral Materials Non-Energy Leasables
<p>Objective: Protect desert tortoise from impacts associated with cattle grazing</p> <p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable</p> <p>Note: There is a current cattle allotment within this ACEC. It was identified in WEMO for retirement should the permittee(s) voluntarily relinquish it</p>	Livestock grazing



Twentynine Palms Marine Corps Base

ACEC Boundaries

-  0.5% Disturbance Cap
-  1% Disturbance Cap

Renewable Footprint

-  DFA

 DRECP Boundary

 CDCA Boundary

 LLPA

 Open OHV Areas

Land Status

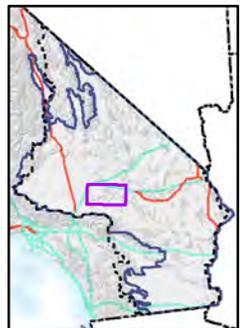
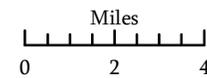
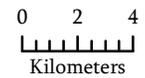
 Bureau of Land Management

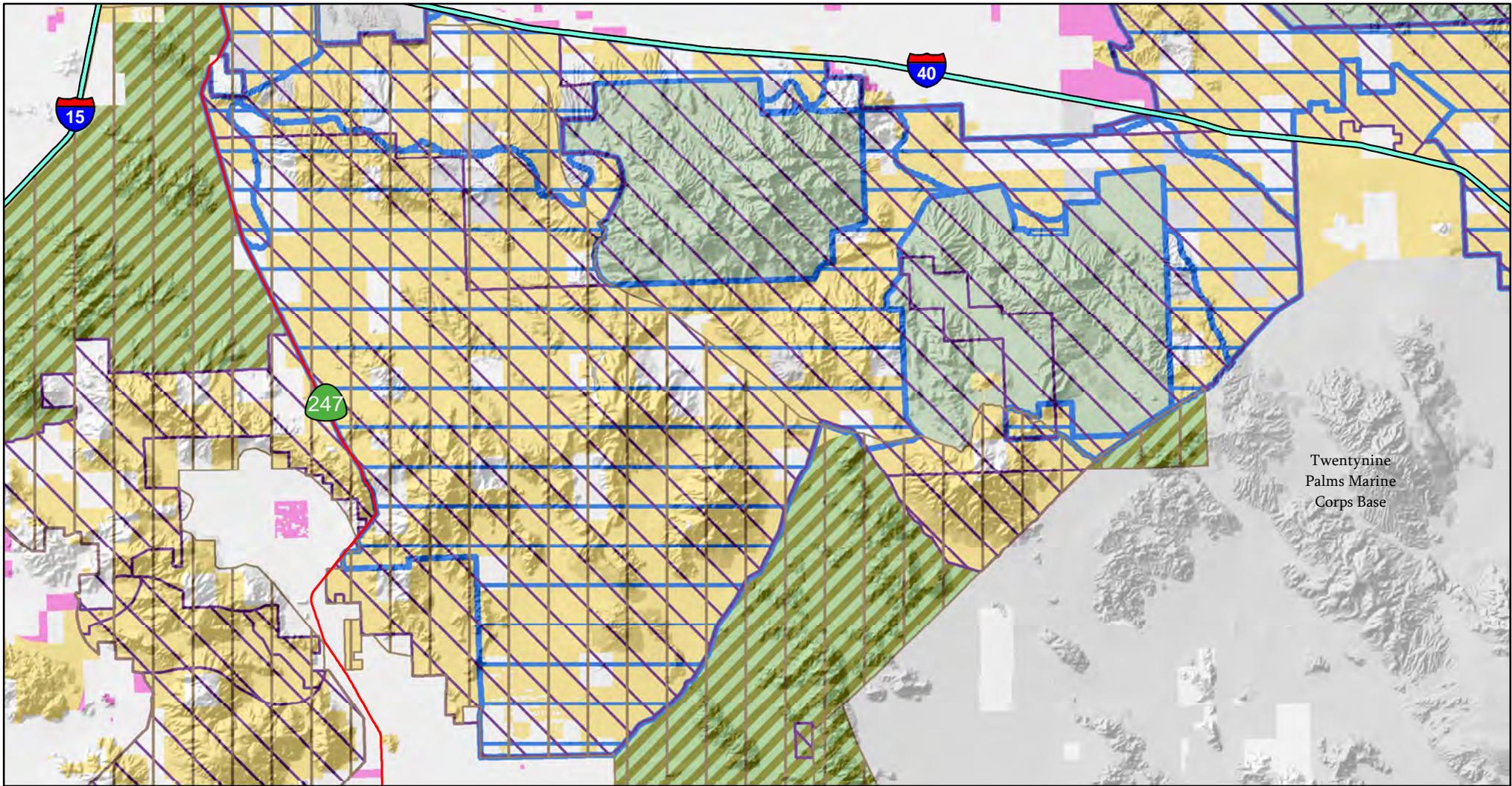
 Department of Defense

Ord-Rodman ACEC

7/21/2016

BLM California State Office



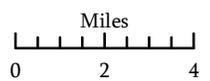
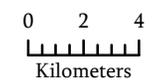


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|--|---------------------|--|---------------------------|
| | SRMA Boundaries | | DRECP Boundary |
| | ACEC Boundaries | | CDCA Boundary |
| | CDNCL Boundaries | | LLPA |
| | Renewable Footprint | | Open OHV Areas |
| | DFA | | Bureau of Land Management |
| | | | Department of Defense |

Ord-Rodman ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Pinto Mountains

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes and South Mojave-Amboy

Description/Location: The boundaries of this unit correspond to the general boundaries identified by the Desert Tortoise (Mojave Population) Recovery Plan (Recovery Plan) and consist of 183 square miles. It is surrounded on three sides by Joshua Tree National Park.

Nationally Significant Values:

Ecological: This area provides high density Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage. This is a large block of relatively undisturbed habitat which maintains landscape level integrity.

Special Designations/Management Plan/Date: Established in WEMO, March 2006. The West Mojave Plan would serve as the more-detailed ACEC management plan so that a future ACEC plan may not be required

Relevance and Importance Criteria: This area provides high density desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage. Some areas within the ACEC provide a combination of meteorological, geological, hydrological, topographical features that have been identified as important climate refugia (slow/minimized climate changes) for wildlife species.

Overarching Goals: This area would be managed for tortoise conservation and recovery until which time the tortoise may be delisted as per criteria given in the Recovery Plan. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

To protect desert tortoise and significant natural resources including special status plant species, animal species and natural communities. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

A portion of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

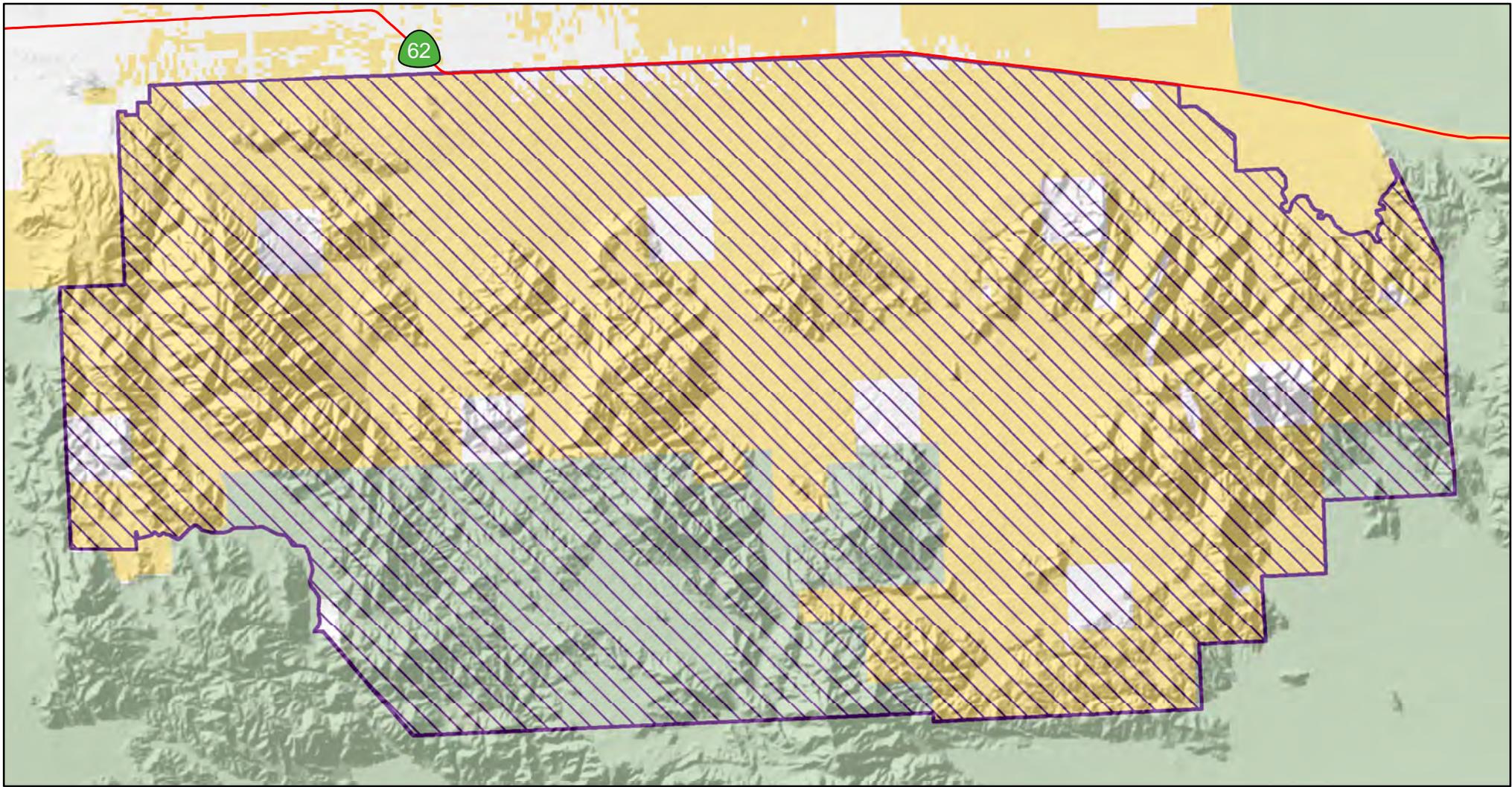
Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
84,170	108,200	0	0.5%, 1%

*** Acreage values are for BLM managed lands**

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Maintain viable populations and connections between other conservation areas <p>Objective: Monitor long-term trends in desert tortoise populations</p> <p>Management Action:</p> <ul style="list-style-type: none"> • A line distance sampling (or other scientifically credible method, if distance sampling proves ineffective) would be implemented in the Pinto Mountain ACEC 	<p>Fish and Wildlife Including special status species</p>
<p>Objective: Protect biodiversity and manage for resilience (protect climate refugia and provide for migration corridors).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Prioritize habitat enhancement in areas expected to provide for the greatest level of resiliency (good response or rehabilitation results after significant disturbance such as fire) and or resistance to change (e.g. climate refugia). • Consider actions that enhance the primary productivity of climate refugia with native species restoration, reduced soil surface disturbance, and habitat infrastructure to increase carrying capacity of refugia (e.g., wetland, oasis). • Maintain migration corridor integrity by minimizing obstructions (fences, roads), disturbances (limiting access to water and shade during peak temperatures) and habitat fragmentation. <p>Objective: Maintain and or enhance key ecosystem processes (e.g., carbon sequestration, water residence time) and prepare and respond to significant disturbances to the environment (e.g. floods).</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Develop proactive and responsive management actions for potentially dangerous and damaging disturbances to the environment, which are exacerbated by climate change (e.g. wildfire, flash floods, etc.). 	<p>Climate Change and Adaptation</p>

<ul style="list-style-type: none"> • Minimize carbon sequestration losses from management activities by reducing impacts to vegetation, soil structure and soil biota. • Leverage disturbance events and other landscape changes, when possible, as opportunities to assess climate adaptation actions. For example, revegetation objectives for projected climate scenarios benefiting multiple ecosystem services (habitat and carbon sequestration objectives). 	
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Designated routes will be signed and managed in accordance to the local Travel Management Plan, as funding allows. • Unauthorized routes will be rehabilitated/restored as funding allows. 	<p>Trails and Travel Management</p>
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Install interpretive signs at access points to the ACEC • Conduct public education efforts concerning OHV use in the desert 	<p>Recreation</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers 	<p>Land Tenure</p>
<p>Objective 1: Protect resource values of the ACEC including important wildlife linkages</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. • To the degree possible, new utility right-of-ways shall not interfere with connectivity across the ACEC 	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>



ACEC Boundaries

 0.5% Disturbance Cap

 DRECP Boundary

 CDCA Boundary

 LLPA

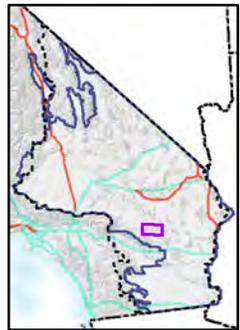
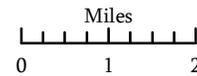
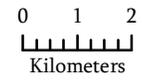
Land Status

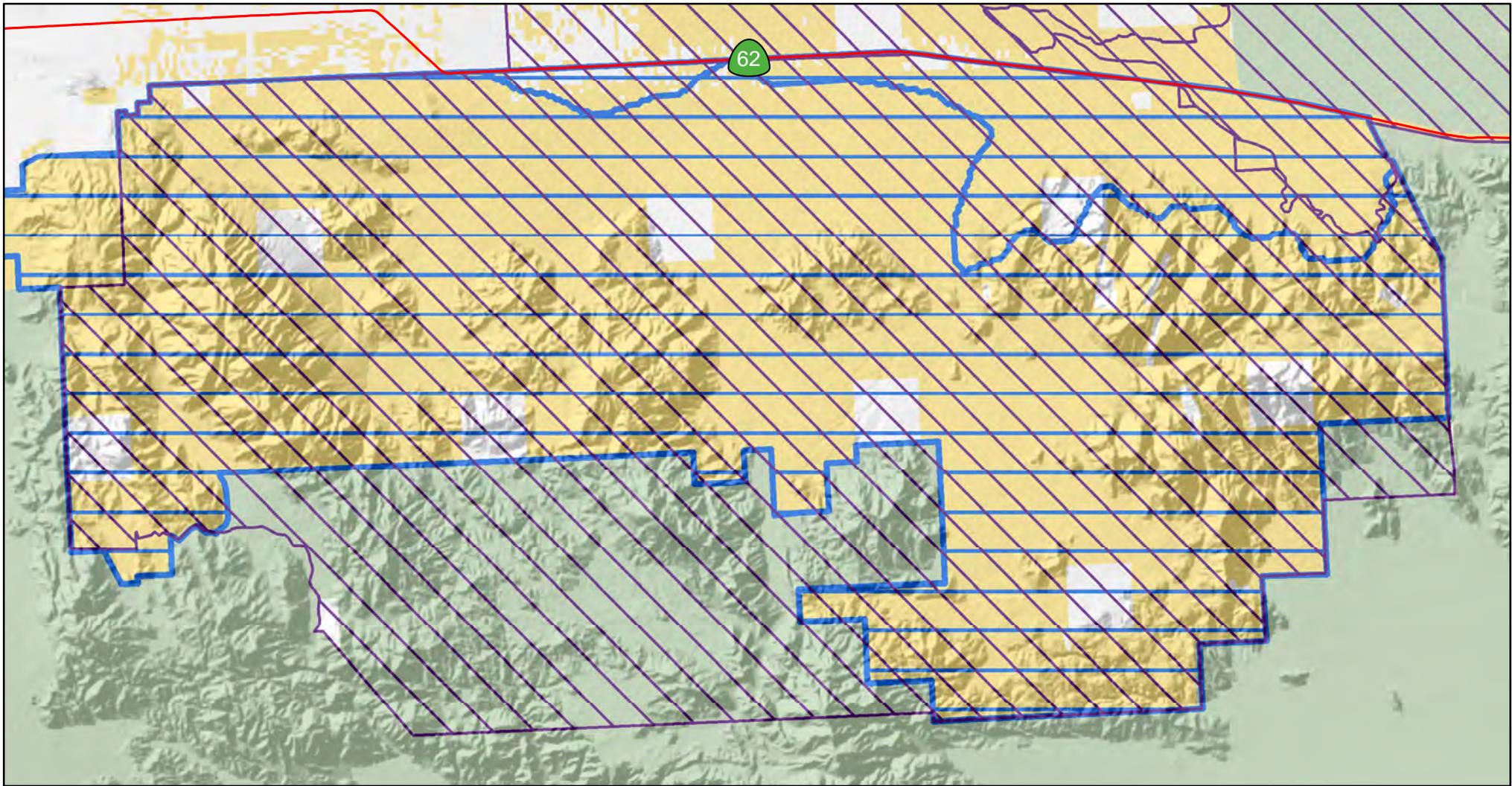
 Bureau of Land Management

Pinto Mountains ACEC

7/21/2016

BLM California State Office



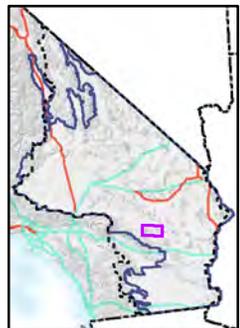
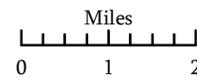
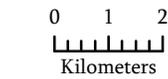


-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
- Land Status**
-  Bureau of Land Management

Pinto Mountains ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Pipes Canyon

California Desert National Conservation Lands Ecoregion : Pinto Lucerne Valley and Eastern Slopes

Description/Location: Surrounds Pioneertown and Rimrock, it is south of Landers and North of Yucca Valley.

Nationally Significant Values:

Cultural: The Pipes Canyon area has numerous prehistoric resources that meet criteria for inclusion in the National Register of Historic Places (NRHP) as contributing elements of an Eligible District. This area has the greatest concentration of known NRHP eligible sites within the Barstow Field Office. Sites include petroglyphs, pictographs, rock shelters, village sites, and milling sites. This area is of particular cultural interest to local native American Tribes.

Special Designations/Management Plan/Date: No previous special designation.

Relevance and Importance Criteria: Relevant and important resource values include prehistoric cultural resources associated with various indigenous periods. Area has numerous prehistoric resources that would meet criteria for inclusion to the National Register of Historic Places as contributing elements of an Eligible District. This area has the greatest concentration of known NRHP eligible sites within the Barstow Field Office.

Overarching Goals: Protect cultural, historic, and scenic values while providing for compatible public uses.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

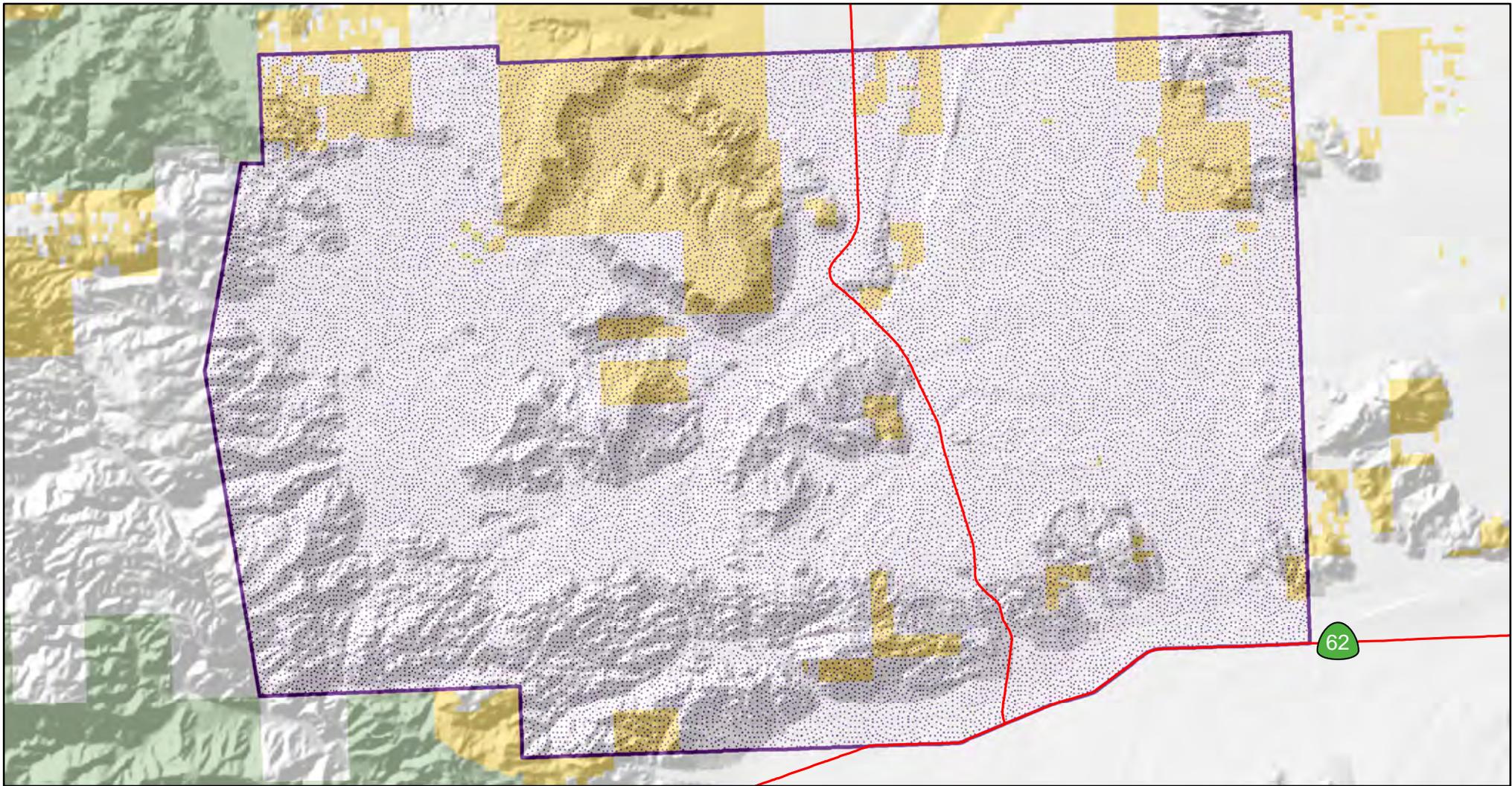
A portion of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
4,600	8,720	0	0.10%

*** Acreage values are for BLM managed lands**

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect sensitive cultural resources from human disturbance</p> <p>Allowable Uses: Restricted motorized use to designated routes of travel</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Monitor and enforce closure of selected routes of travel • Install signs and use barriers to direct vehicle traffic away from sensitive cultural resources 	Trails and Travel Management
<p>Objective: Provide for dispersed opportunities while protecting relevant resources</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Prohibit establishment of new routes near sensitive cultural resources 	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers 	Land Tenure
<p>Objective: Protect resource values of the ACEC</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. • Do not approve land use authorizations that would impact cultural resources 	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy



ACEC Boundaries

0.1% Disturbance Cap

DRECP Boundary

CDCA Boundary

LLPA

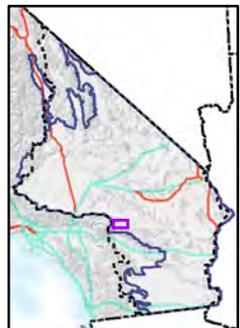
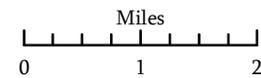
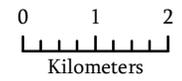
Land Status

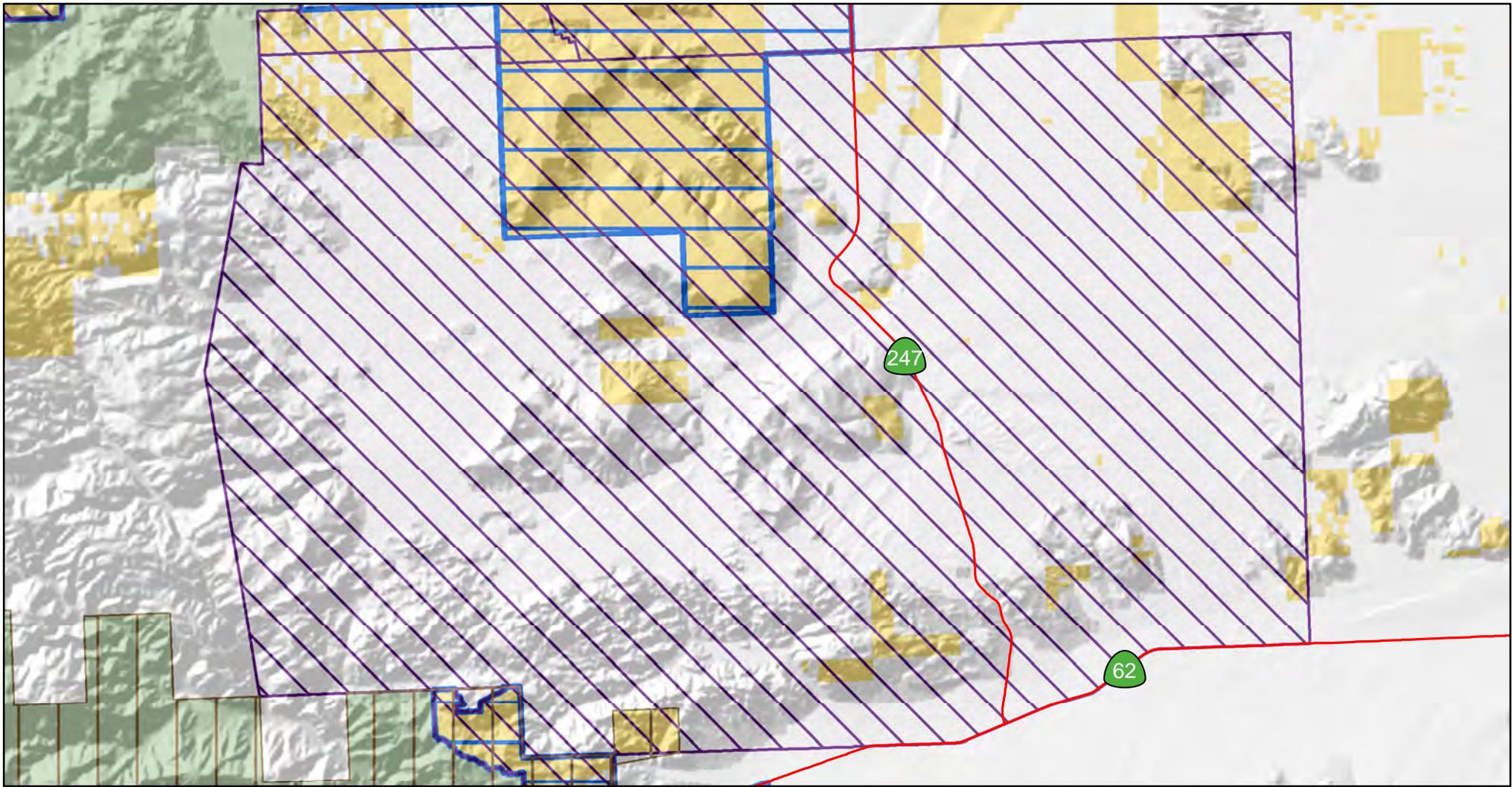
Bureau of Land Management

Pipes Canyon ACEC

7/21/2016

BLM California State Office



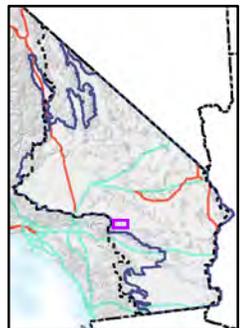
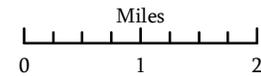
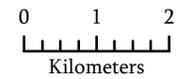


-  SRMA Boundaries
-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
- Land Status**
-  Bureau of Land Management

Pipes Canyon ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Rodman Mountains Cultural Area

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: South of Interstate 40 and almost completely within the Rodman Mountain Wilderness Area. It is approximately 23 miles east-southeast of Barstow. A portion of the ACEC is within the Rodman Wilderness.

Nationally Significant Values:

Cultural: Rock art sites within this area have been listed on the National Register of Historic Places as an Archeological District. The petroglyphs are significant to the religious and spiritual concerns of native Americans.

Special Designations/Management Plan/Date: Established in WEMO, March 2006. The West Mojave Plan would serve as the more-detailed ACEC management plan so that a future ACEC plan may not be required

Relevance and Importance Criteria: Important cultural and wildlife values. Rock art sites within this area have been listed on the National Register of Historic Places as an Archaeological District. The petroglyphs are significant to the religious and spiritual concerns of Native Americans. This area is also included in the Ord-Rodman ACEC because it includes limited Desert tortoise habitat. Most of this area is within the Rodman Mountains Wilderness.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Ord Mountain Allotment.

Overarching Goals: Preserve and protect important cultural resources.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

A portion of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage:

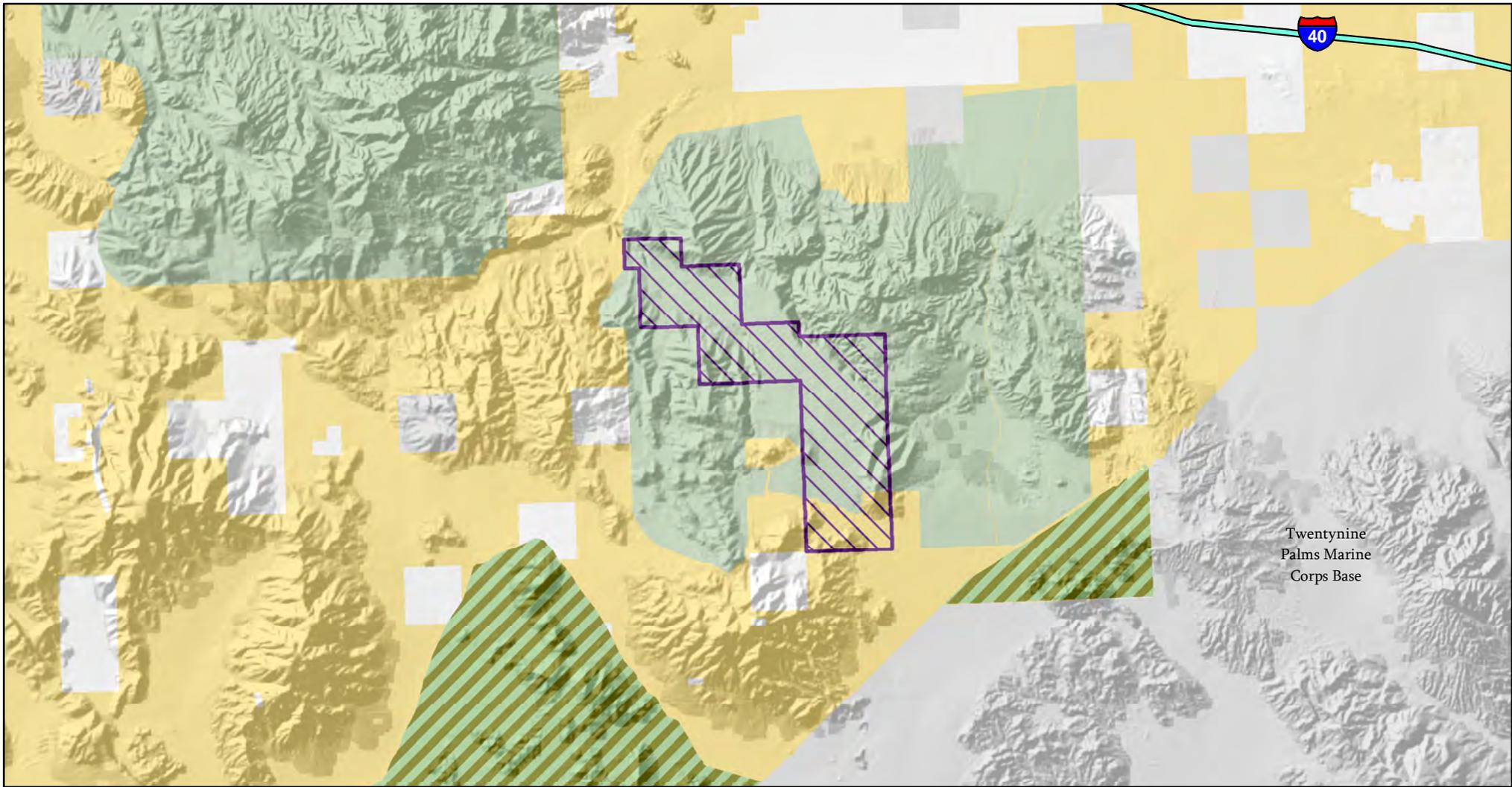
BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
820	6,210	0	0.5%

*** Acreage values are for BLM managed lands**

Note: The portion designated as NCL is relatively small due to the remaining portion of the ACEC being designated wilderness, and therefore already part of the NLCS.

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Maintain viable populations and connections between other conservation areas 	Fish and Wildlife Including special status species
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails as per the local Travel Management Plan</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Authorize no new routes in ACEC • Through the local Travel Management Plan process, modify the Route Network to reflect designated routes through the ACEC and close other existing unauthorized routes 	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Install interpretive signs at access points to the ACEC • Conduct public education efforts concerning OHV use in the desert <p>Objective: Prevent impacts associated with vehicle traffic</p> <p>Allowable Uses: Restricted vehicle camping to within 100ft of centerline of designated routes. Competitive speed events prohibited</p>	Recreation
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. 	Rights-of-Way

<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Allowable Uses: A part of the Rodman Mountains Cultural Area ACEC is within the Ord Mountain grazing allotment. Grazing will continue to be authorized in the overlap area and is governed by federal regulations including the standards and guidelines. If this allotment is offered as mitigation, it will be accepted and permanently closed to livestock grazing.</p>	<p>Livestock grazing</p>



ACEC Boundaries

0.5% Disturbance Cap

DRECP Boundary

CDCA Boundary

LLPA

Open OHV Areas

Land Status

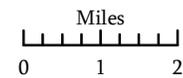
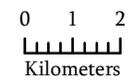
Bureau of Land Management

Department of Defense

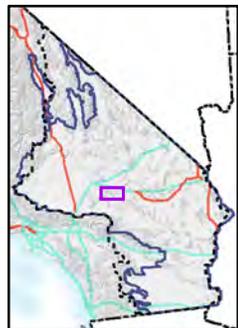
Rodman Mountains Cultural Area ACEC

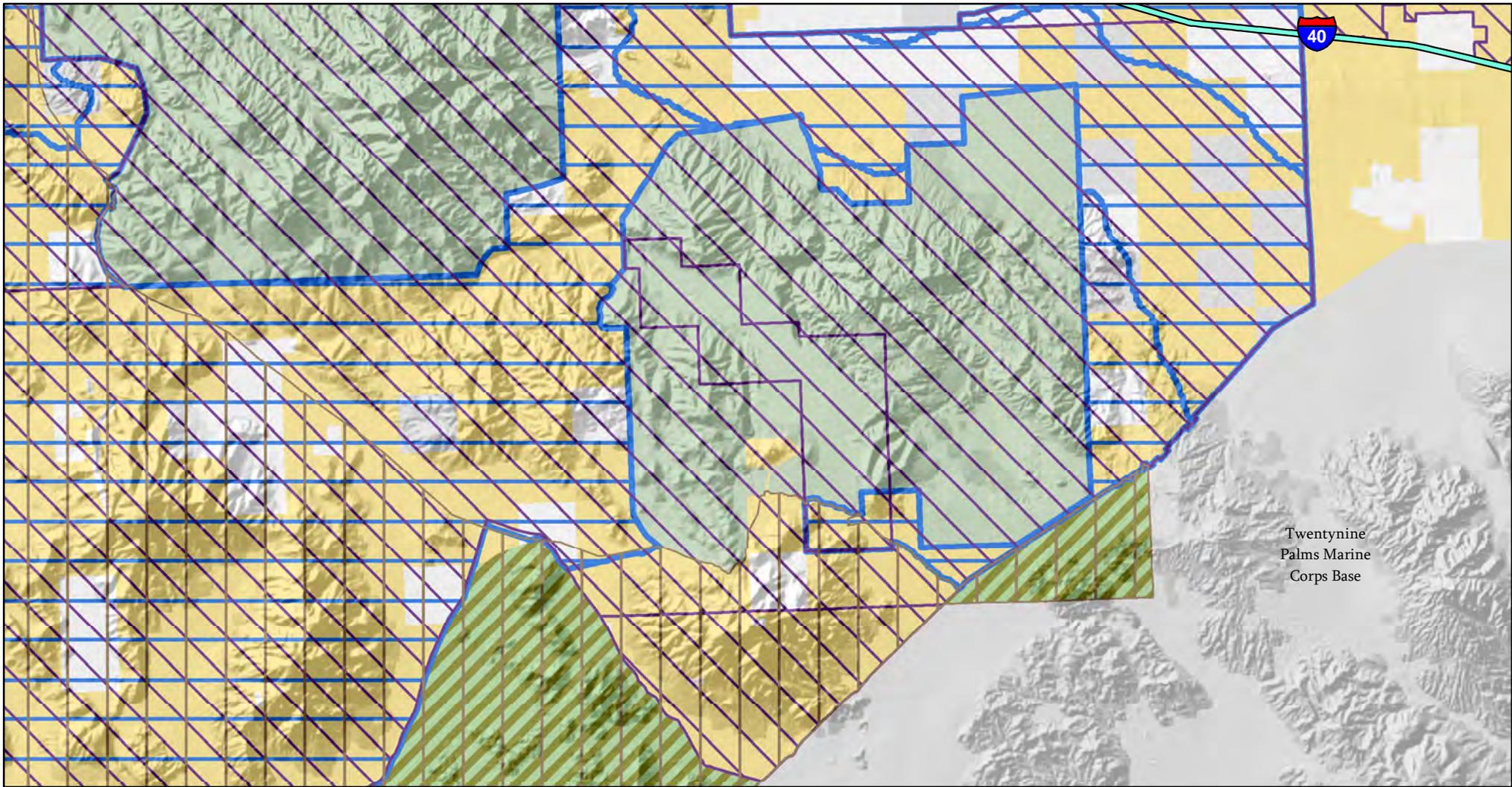
7/21/2016

BLM California State Office



Twentynine Palms Marine Corps Base





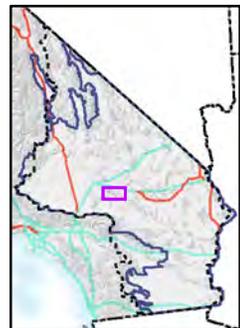
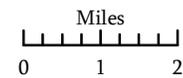
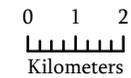
Twentynine Palms Marine Corps Base

-  SRMA Boundaries
-  ACEC Boundaries
-  CDNCL Boundaries
-  DRECP Boundary
-  CDCA Boundary
-  LLPA
-  Open OHV Areas
- Land Status**
-  Bureau of Land Management
-  Department of Defense

Rodman Mountains Cultural Area ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Soggy Dry Lake Creosote Rings

California Desert National Conservation Lands Ecoregion : Pinto Lucerne Valley and Eastern Slopes

Description/Location: Located in section 17 of township 4 North, Range 3 East, in San Bernardino County. Access is from State Highway 247 which travels south from Barstow.

Nationally Significant Values:

Ecological: This area was designated to protect an Unusual Plant Assemblage; the largest know creosote rings on public lands administered by the federal government are situated within the unit. The rings of creosote within the unit area have recently been identified as the world’s oldest living plant. The uniqueness, high research value, and susceptibility to damage from intensive recreation uses are the principle reasons for its designation.

Scientific: The creosote rings provide a unique opportunity for studying the worlds living organisms.

Special Designations/Management Plan/Date: Plan 47/1982

Relevance and Importance Criteria: This area was designated to protect an Unusual Plant Assemblage, the largest know creosote rings on public lands administered by the federal government are situated within the ACEC. The rings of creosote within the ACEC area have recently been identified as the world’s oldest living plant. The uniqueness, high research value, and susceptibility to damage from intensive recreation uses are the principle reasons for its designation.

Overarching Goals: To provide high level protection to the creosote rings .

Where the CMAs in this Special Management Plan conflict with the CMAs included the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified.

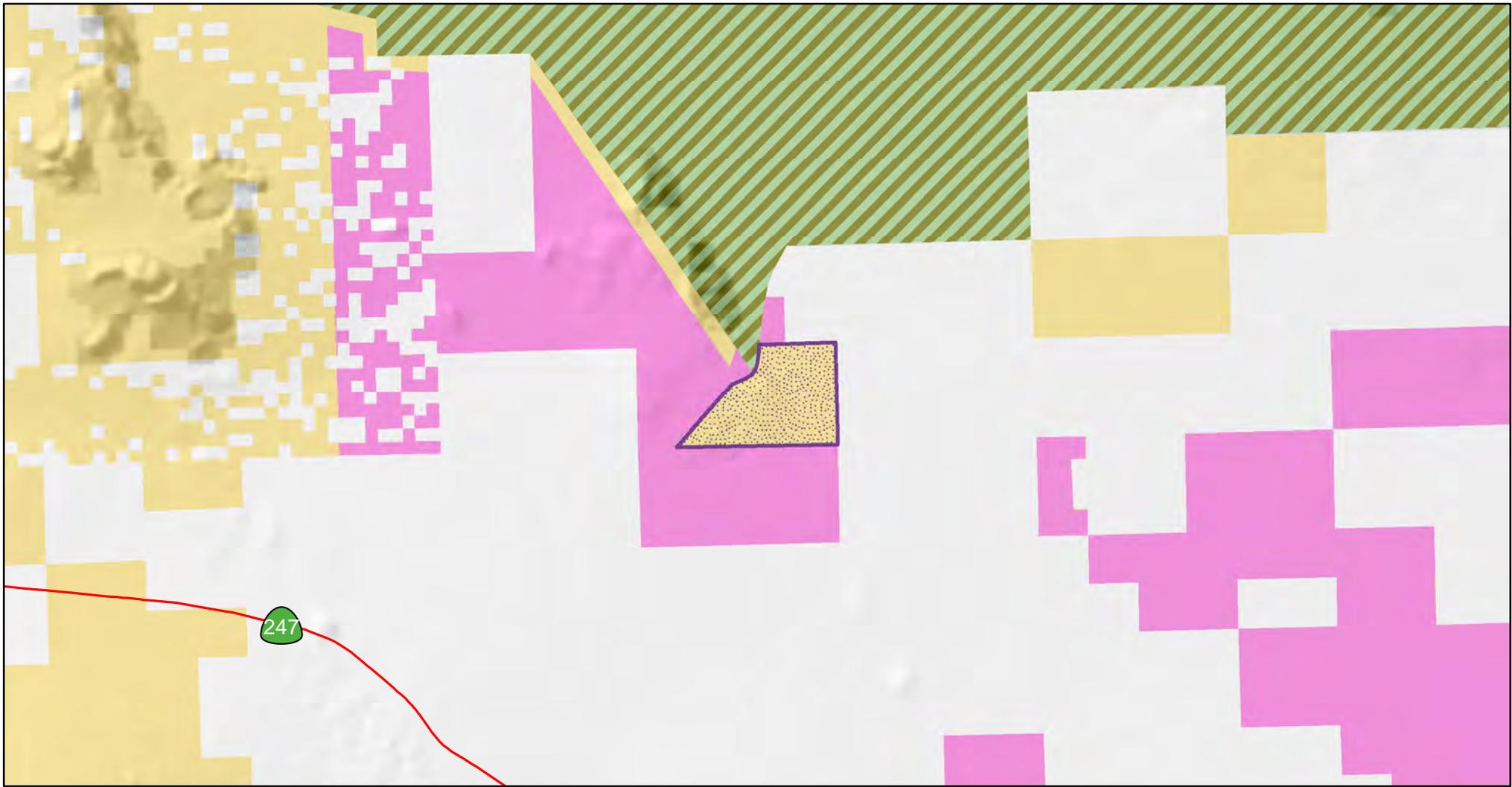
A part of this area is included in the California Desert National Conservation Lands. The BLM will manage this area to protect the Nationally Significant Values above. Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA. If an activity is not specifically covered by the CMAs, it will be allowed if it is consistent with the Nationally Significant Values, but prohibited if the uses conflict with those values.

Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
180	180	0	0.10%

*** Acreage values are for BLM managed lands**

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect sensitive creosote rings from human disturbance</p> <p>Management Actions:</p> <ul style="list-style-type: none"> • Fence a representative group of creosote rings covering about six acres • Prohibit harvest of vegetation • Post interpretive signs to inform public about the values of the ACEC • Provide continued opportunities for research by BLM, scientific institutions, and individuals • Implement a monitoring program to evaluate protective measures 	Vegetation - Including special status species
<p>Objective: Protect creosote rings from impacts associated with vehicle traffic</p> <p>Allowable Uses: Closed to all vehicle use</p>	Trails and Travel Management
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Acquire inholdings, edgeholdings and other interests from willing sellers. 	Land Tenure
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> • Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. 	Rights-of-Way
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	Renewable Energy
<p>Objective: Protect creosote rings from impacts associated with mining activities</p> <p>Allowable Uses: No mining claims; No locatable, leasable, or saleable minerals</p>	Locatable Minerals Mineral Materials Non-Energy Leasables



ACEC Boundaries

0.1% Disturbance Cap

Renewable Footprint

DFA

DRECP Boundary

CDCA Boundary

Open OHV Areas

Land Status

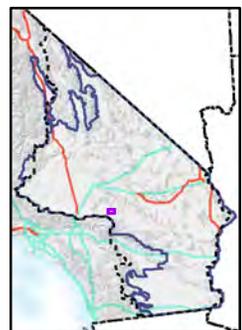
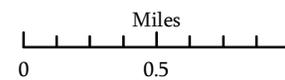
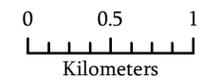
Bureau of Land Management

Department of Defense

Soggy Dry Lake Creosote Rings ACEC

7/21/2016

BLM California State Office





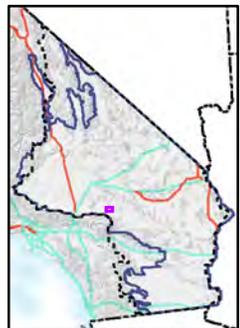
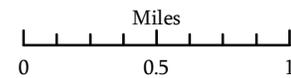
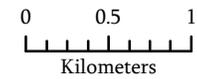
- SRMA Boundaries
- ACEC Boundaries
- CDNCL Boundaries
- DRECP Boundary
- CDCA Boundary
- Open OHV Areas

- Renewable Footprint**
- DFA
- Land Status**
- Bureau of Land Management
 - Department of Defense

Soggy Dry Lake Creosote Rings ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office



Upper Johnson Valley Yucca Rings

California Desert National Conservation Lands Ecoregion: Pinto Lucerne Valley and Eastern Slopes

Description/Location: Located along the southwestern slope of the Fry Mountains in San Bernardino County, California. Access is provided from State Highway 247 by a series of dirt roads.

Nationally Significant Values: Not designated NCL.

Special Designations/Management Plan/Date: ACEC Plan 46/1982

Relevance and Importance Criteria: Designated to provide protection of an Unusual Plant Assemblage, the yucca rings present within the ACEC are the largest and oldest Mojave Yucca rings known, with an estimated age up to 2,250 years. The uniqueness, high research value, and susceptibility to damage from intensive recreational uses are the principle reasons for designation.

Recreation Area: This unit overlaps with the Stoddard/Johnson SRMA.

Grazing Allotment: This unit overlaps with the Johnson Valley Allotment.

Overarching Goals: To increase protection of sensitive biological resources while continuing use of lands for compatible recreational opportunities.

Where the CMAs in this Special Management Plan conflict with the CMAs included in the LUPA, the more restrictive CMA would be applied (i.e. management that best supports resource conservation and limits impacts to the values for which the conservation unit was designated), unless otherwise specified. . Appropriate multiple uses will be allowed, consistent with this Special Unit Management Plan and the CMAs in the LUPA.

Designation and Acreage:

BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
0	330	0	1%

*** Acreage values are for BLM managed lands**

Objectives (desired future conditions)/Allowable Uses/Management Actions

Resource

Objective: Protect sensitive yucca rings

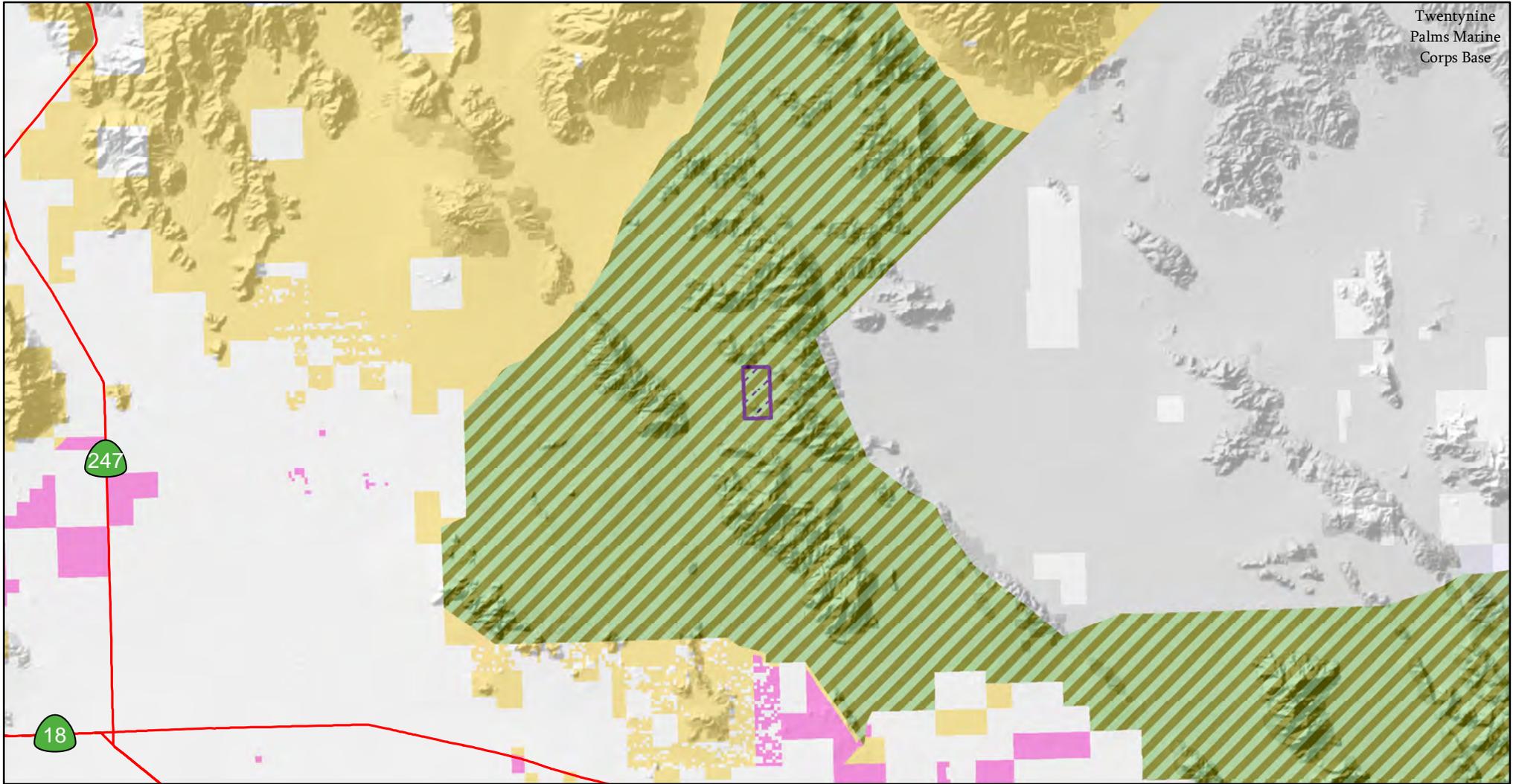
Vegetation - Including special status species

Management Actions:

- Fence a specific group of yucca rings covering approximately 7 acres
- Prohibit harvest of vegetation
- Post interpretive signs to inform public about the values of the ACEC
- Provide continued opportunities for research by BLM, scientific institutions, and individuals
- Implement a monitoring program to evaluate effectiveness of protective measures

<p>Objective: Protect yucca rings from impacts associated with vehicle traffic Allowable Uses: Closed to all vehicle use</p>	<p>Trails and Travel Management</p>
<p>Objective: Consolidate through tenure adjustment.</p> <p>Management Action:</p> <ul style="list-style-type: none"> Acquire inholdings, edgeholdings and other interests from willing sellers. 	<p>Land Tenure</p>
<p>Objective: Protect resource values of the ACEC</p> <p>Management Action:</p> <ul style="list-style-type: none"> Land use authorization proposals (new, renewal, and amendment) will be analyzed on a case-by-case basis to assess whether they are compatible with the ACEC and its management goals. 	<p>Rights of Way (ROW)</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria.</p> <p>ACECs are closed to geothermal leasing and development unless they overlap with a DFA where geothermal is allowed. Where there is overlap, ACECs are open to geothermal leasing with an NSO stipulation.</p>	<p>Renewable Energy</p>
<p>Objective: Protect Mojave yucca rings from impacts associated with mining activities</p> <p>Allowable Uses: Closed to leasable and saleable minerals.</p>	<p>Locatable Minerals Mineral Materials Non-Energy Leasables</p>
<p>Allowable Uses: Existing allotment is authorized, but do not authorize new allotments or expansion of existing allotment (either in size or increase number of AUMs), if willing relinquishment, would be made unavailable</p> <p>Note: A part of this ACEC is within the Johnson Valley grazing allotment. This allotment was permanently closed to livestock grazing through the DRECP process.</p>	<p>Livestock grazing</p>

Twentynine
Palms Marine
Corps Base



ACEC Boundaries

1% Disturbance Cap

Renewable Footprint

DFA

DRECP Boundary

CDCA Boundary

Open OHV Areas

Land Status

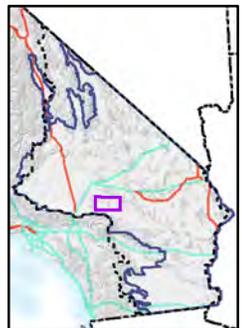
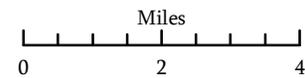
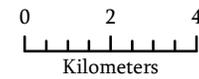
Bureau of Land Management

Department of Defense

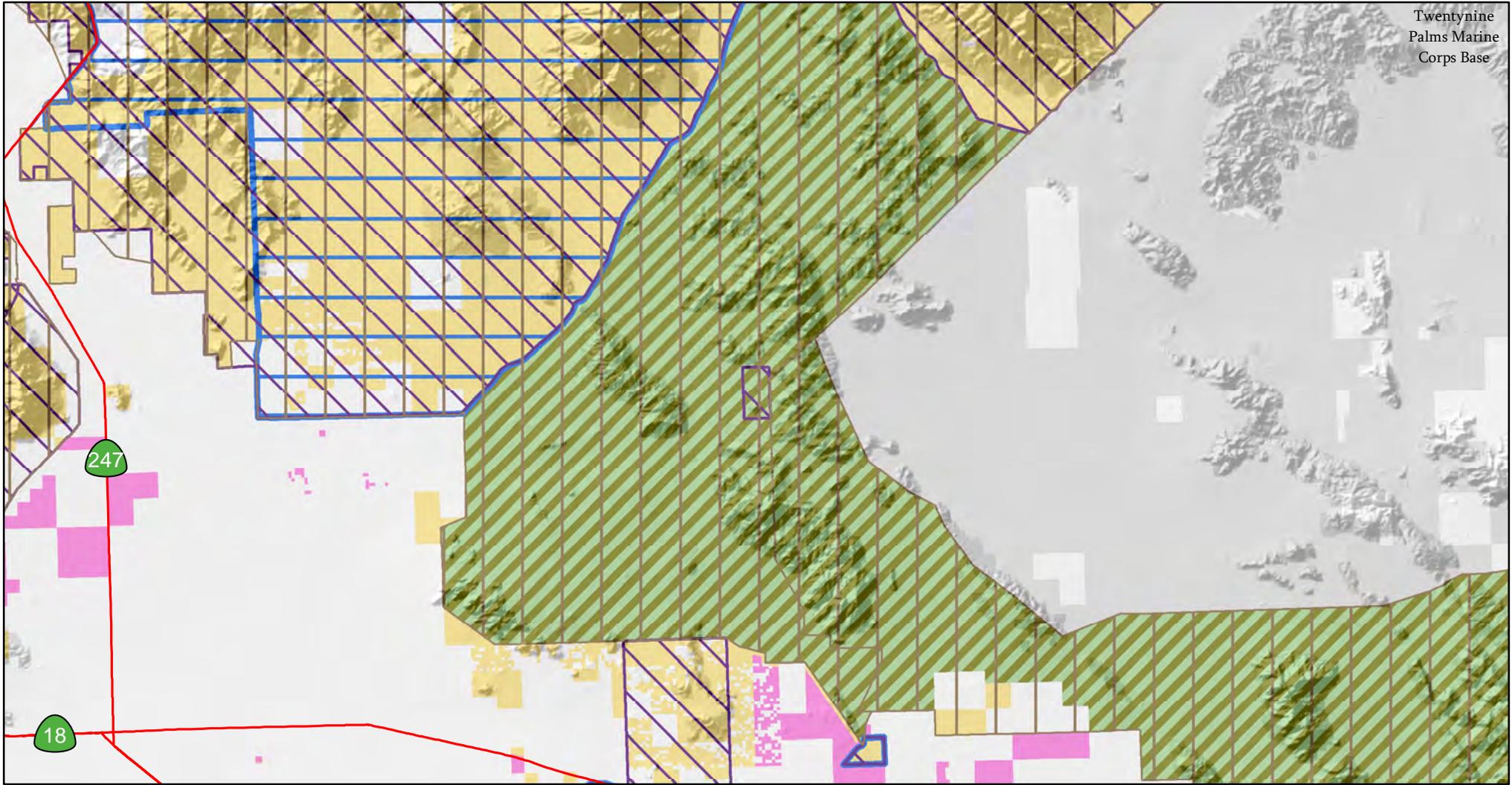
Upper Johnson Valley Yucca Rings ACEC

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Twentynine
Palms Marine
Corps Base



- | | |
|----------------------------|---------------------------|
| SRMA Boundaries | DRECP Boundary |
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Upper Johnson Valley Yucca Rings ACEC and Surrounding BLM Designations

7/22/2016

BLM California State Office

