

General Application Requirements (FINAL)

FOR OFFICE USE ONLY: Version # _____ APP # 700510

Agency Information

(Carefully read the instructions before completing this form)

1. Agency Information

- a. Agency Name Bureau of Land Management
- b. Organizational Unit Needles Field Office
- c. Address 1303 South U.S. Highway 95
- e. City Needles State CA Zip 92363
- f. Federal Id Number 76-0326703 DUNS Number
- g. Agency fiscal year (begining month and October-01 day)
- h. Agency Type (Please check one)
- City County U.S. Forest Service
- U.S. Forest Service - Patrol District U.S. Bureau of Land Management Other Federal Agency
- Federally Recognized Native American Tribe Educational Institution Nonprofit Organization - 501(c)(3) status only
- State Agency District

2. Project Information

- a. Project Name General Application Requirements
- b. Is implementing agency same as Agency (Please select Yes or No) Yes No
- c. Implementing Agency Name
- d. Amount of Funds Requested Project Cost

Project Request(s) Summary

#	Project Type	Project Title	Grant Request	Match	Total Project Cost
1	G09-01-12-G01	Ground Operations - Routes & Maintenance	327,000	343,000	670,000
2	G09-01-12-L01	Law Enforcement	140,000	404,000	544,000
3	G09-01-12-P01	Planning - Inventories	220,000	100,000	320,000
4	G09-01-12-R01	Restoration	365,000	182,000	547,000
5	G09-01-12-S01	Education & Safety	96,000	107,000	203,000
6		TOTAL	1,148,000	1,136,000	2,284,000

Contact & Certification Information for Grants and Cooperative Agreements Program - 2009/2010
 Agency: BLM - Needles Field Office
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3. Contact

a. Authorized Representative

Name Rusty Lee
 Title Manager
 Mailing Address 1303 South U.S. Hwy 95
 City Needles State CA Zip 92363
 Telephone (760) 326-7000 - 7001 Fax (760) 326-7099 - 7001
 E-mail Address raymond_lee@blm.gov

b. Project Administrator

Name David Roan
 Title Outdoor Recreation Planner
 Mailing Address 1303 South U.S. Hwy 95
 City Needles State CA Zip 92363
 Telephone (760) 326-7033 Fax (760) 326-7099
 E-mail Address droan@blm.gov

c. Project Administrator

Name Mike Ahrens
 Title Recreation Supervisor
 Mailing Address 1303 South U.S. Hwy 95
 City Needles State CA Zip 92363
 Telephone (760) 326-7031 Fax (760) 326-7099
 E-mail Address Mike_Ahrens@ca.blm.gov

Location Map

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A. Location Map

Attachments:

[Needles Field Office Location Map](#)

Equipment Inventory

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A. Equipment Inventory

Has your agency purchased any Equipment with OHV Trust Funds within the last five (5) Yes No years? (Please select Yes or No)

#	Item Description	Make	Model	Model Year	Vehicle Identification Number (VIN) or Serial Number	Project Agreement Number
1	All Terrain Vehicle (ATV)	HONDA	400 EX	2000	478TE2304Y4019170	OR-1-CD 219
1	All Terrain Vehicle (ATV)	YAMAHA	660 RM	2001	JY4AM01371C025185	OR-1-CD 236
1	All Terrain Vehicle (ATV)	YAMAHA	660 RM	2003	JY4AM01Y03CO45034	OR-1-CD 267
1	Small Rock Rake	YORK	TA 1	2003	Serial # 8633	OR-1-CD 267
1	Large Rock Rake	YORK	TA 2	2003	Serial # 1627	OR-1-CD 267
1	16' Enclosed UTV Trailer	Haulmark	H85X16WT3	2008	I6HGB16239A031930	G07-01-12-L01
1	12' Enclosed ATV Trailer	Haulmark	TS6X12D52	2009	I6HCB121XAA036185	G08-01-12-L01
1	Utility Terrain Vehicle (UTV)	POLARIS	Ranger RZR_S	2010	R09VH76AX	G08-01-12-L01

Habitat Management Program (HMP)

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PART 1 - ITEM 1. DETERMINE THE NEED FOR FULL FULL HABITAT MANAGEMENT PROGRAM (HMP)

All Applicants submitting Projects involving Ground Disturbing Activities are subject to HMP requirements. The HMP must cover the combined Project Area of all proposed Projects with Ground Disturbing Activities.

Applicants able to certify that none of the proposed activities listed in the Application in areas open to legal OHV Recreation contain any risk factors to special-status species and/or sensitive habitats shall submit only HMP Part 1. Applicants who cannot certify that the proposed activities listed in the Application in areas open to legal OHV Recreation do not contain any risk factors to special-status species and/or sensitive habitats shall submit HMP Parts 1 and 2.

1. Do any of your proposed projects involve Ground Disturbing Activities? (Please select Yes or No) Yes No

2. Can the Applicant certify that none of the proposed Projects with Ground Disturbing Activities in areas open to legal OHV Recreation contain any risk factors to special-status species and/or sensitive habitats? (If you checked 'Yes', you are done with HMP) (Please select Yes or No) Yes No

PART 2 - RISK ANALYSIS, MANAGEMENT PROGRAM AND REPORTING

PART 2 - Section I. Summary of HMP Changes

Has the Applicant previously submitted a HMP Part 2 that is currently in use in the proposed Project Area? (Please select Yes or No) Yes No

Table 1 - Summary of HMP Changes

Changes from Previous Year	Section Where Change Occurs
No Changes	No Changes

PART 2 - Section II - Special Status Species

Table 2 - Table of All Special-Status Species and Any Other Species of Local Concern That Were Considered for Inclusion in the HMP

Species	Listing Status	Habitat	Potential for Occurrence	Addressed by HMP? If not explain why?
NOTE: Complete document of "All Special-Status Species and Other Species of Local Concern Considered for Inclusion in the	NOTE: BLM NFO Monitoring Guidance attached within Part 2 Section III	NOTE: Unique Plant Assemblages account for 13 special habitat areas presently monitored under the conditions of both the Northern & Eastern Mojave Desert Plan Of 2002 and the Northern	NOTE: Bat Survey Report Included in Part 2, Section III	-

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HMP" (Needles Listing of both Plants and Animals) will be attached within Part 2 Section III, due to the lack of space available within this table. (Per Barbara Greenwood 05/01/2009)		& Eastern Colorado Desert Plan of 2002. See their descriptions in the above mentioned attachment.		
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
PLANTS:	-	-	-	-
Gilman's Springparsley Cymopterus gilmanii Apiaceae	CNPS List 2	Mojave Desert scrub, often on carbonate soils, 915 - 2000 m elevation	Known to occur on BLM public lands in the project area	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Purplenerve Springparsley Cymopterus multinervatus Apiaceae	CNPS List 2	Mojave Desert scrub, pinyon-juniper woodland on sandy or gravelly soils, 790 - 1800 m elevation	Known to occur on BLM public lands in the project area	No. This species occurs in a remote area in Shadow Valley, west of the Clark Mountains.
Mojave Milkweed Asclepias nyctaginifolia Asclepiadaceae	CNPS List 2	Mojave Desert scrub, pinyon-juniper woodland, 1000 to 1700 m elevation	Known to occur on BLM lands in the Ivanpah Valley	No. Minimal OHV access to non-motorized recreational use within Ivanpah Valley.
Spearleaf Matelea parvifolia Asclepiadaceae	CNPS List 2	Mojave Desert scrub, on rocky soils, 440 - 1095 m elevation	Known to occur on BLM public lands in the project area	Yes. This species occurs at or near OHV routes in Sheep Hole Pass along Amboy Road at the boundary between the BLM Barstow and Needles field offices

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Fragrant Snakeroot Ageratina herbacea Asteraceae	CNPS List 2	pinyon-juniper woodland, on rocky soils, 1525-2200 m elevation	Not known from BLM public lands in the project area	No. This species is only known from the Clark, New York, and Providence mountains in the Mojave National Preserve.
Desert Mountain Thistle Cirsium arizonicum var. tenuisectum Asteraceae	CNPS List 1B	Joshua tree and pinyon-juniper woodlands, Mojave Desert scrub, in rocky disturbed areas including roadsides, 1500 - 2800 m elevation	Not known from BLM public lands in the project area	No. This species is only known from the New York Mountains in the Mojave National Preserve. Note: This taxon not considered a valid taxon in federal taxonomic databases
Arizona Cottontop Digitaria californica Asteraceae	CNPS List 2	Mojave Desert scrub, on rocky soils, 290 - 1490 m elevation	Not known from BLM public lands in the project area	No. This species is only known from the Mid Hills in the Mojave National Preserve. There is a remote chance that that the species might occur on BLM lands where few botanical surveys have occurred.
Wand Fleabane Erigeron oxyphyllus Asteraceae	CNPS List 2	Sonoran Desert scrub, on dry rocky slopes and in washes, 645 - 790 m elevation	Known from the Whipple Mountains Wilderness	No. One site for this species is less than 0.5 mile from the Whipple wilderness boundary south of War Eagle Mine. Remote area.
Ione Fleabane Erigeron uncialis var. uncialis Asteraceae	CNPS List 1B	pinyon-juniper woodland on carbonate soils, 1900 - 2900 m elevation	Not known from BLM public lands in the project area	No. This species occurs only in the Clark Mountains of the Mojave National Preserve.
Utah Fleabane Erigeron utahensis	CNPS List 2	pinyon-juniper woodland, on carbonate soils, 1500 -	Not known from BLM public lands in the project area	No. This species is only known from the New

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Asteraceae		2320 m elevation		York and Providence mountains in the Mojave National Preserve.
Fineleaf Hymenopappus Hymenopappus filifolius var. eriopodus Asteraceae	CNPS List 2	pinyon-juniper woodland, on carbonate soils, 1600 - 1700 m elevation	Not known from BLM public lands in the project area	No. This species occurs only in the Clark and New York mountains of the Mojave National Preserve.
Abert's Creeping Zinnia Sanvitalia abertii Asteraceae	CNPS List 2	pinyon-juniper woodland, on carbonate soils, 1570 - 1800 m elevation	Known from BLM public lands in the Clark Mountains	No. This species occurs only in the Clark Mountains of the Mojave National Preserve.
Manyflowered Bahia Schkuhria multiflora Asteraceae	CNPS List 2	pinyon-juniper woodland, on sandy soils, 1500 - 1700 m elevation	Not known from BLM public lands in the project area	No. This species is only known from the New York Mountains in the Mojave National Preserve. There is a remote chance that that the species might occur on BLM lands where few botanical surveys have occurred.
Harrison's Barberry Berberis harrisoniana Berberidaceae	BLM SS CNPS List 1B	Mojave Desert scrub, usually north-facing talus slopes, 780 - 840 m elevation	Known from the Whipple Mountains Wilderness	No. This species occurs in the interior of the Wilderness and is not likely to occur outside the wilderness on BLM public land where OHV trails exist.
Narrowleaf Stoneseed Lithospermum incisum Boraginaceae	CNPS List 2	pinyon-juniper woodland, 1650 - 1720 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
Chambers' Twinpod Physaria chambersii	CNPS List 2	pinyon-juniper woodland on carbonate rocky soils, 1500 - 2590 m elevation	Known to occur on BLM public lands in the Mescal Range	No. This species occurs near designated OHV routes in remote

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Brassicaceae				area adjacent to Mojave National Preserve.
Saguaro Carnegiea gigantea Cactaceae	CNPS List 2	Sonoran Desert scrub, on rocky soils, 50 - 1500 m elevations	Known to occur on BLM lands in the vicinity of the Whipple Mountains	Yes. BLM Needles staff is conducting systematic searches of saguaros in upper parts of the Copper Basin watershed on BLM Needles public lands to determine whether saguaros occur there.
Howe's Hedgehog Cactus Echinocereus engelmannii var. howei Cactaceae	BLM SS CNPS List 1B	Mojave Desert scrub, 430 to 775 m elevation	Known from BLM public lands between Goffs and Arrowhead Junction	Yes. This species is very rare.
Desert Pincushion Echinocereus viridiflorus var. chloranthus (=Coryphantha chlorantha) Cactaceae	CNPS List 2	Joshua tree and pinyon-juniper woodlands, Mojave Desert scrub, on carbonate, gravelly, or rocky soils, 45 - 1525 m elevation	Known from BLM public lands in the Kingston Mountains, the Mescal Range, and the Clark Mountains	Yes. All records for this species are from before 1961. This species may be extirpated from California.
Johnson's Beehive Cactus Echinomastus johnsonii (=Sclerocactus johnsonii) Cactaceae	CNPS List 2	Mojave Desert scrub on granitic soils, 500 - 1200 m elevation	Known from BLM public lands in the project area	Yes. This species has been found on BLM lands just south of Mesquite Wilderness.
Spinystar Escobaria vivipara var. rosea (=Coryphantha vivipara var. rosea) Cactaceae	CNPS List 2	Mojave Desert scrub, pinyon-juniper woodland, 1250 to 2700 m elevation	Known to occur on BLM public lands in the project area	Yes. This taxon is present in the Mescal Range and Clark Mountains where BLM designated OHV trails are present.
Matted Cholla Grusonia parishii Cactaceae	CNPS List 2	Joshua tree woodland, Mojave Desert scrub on sandy or rocky soils, 300 - 1524 m elevation	Known to occur on BLM public lands in the project area	Yes. This taxon is present near Valley Wells along Interstate-15 on BLM public

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				lands.
Beavertail Pricklypear <i>Opuntia basilaris</i> var. <i>brachyclada</i> Cactaceae	BLM SS CNPS List 1B	Joshua tree and pinyon-juniper woodlands, Mojave Desert scrub, 425 - 1800 m elevation	Not known from BLM public lands in the project area	No. CNPS reports this taxon as being present in the Mojave National Preserve. No records are available from the Jepson Interchange herbaria database.
Searchlight Pricklypear <i>Opuntia x</i> <i>curvospina</i> (= <i>Opuntia</i> <i>curvispina</i>) Cactaceae	CNPS List 2	Mojave Desert scrub, pinyon-juniper woodland, 1000 to 1400 m elevation	Not known from BLM public lands in the project area.	No. This taxon is known only from Cima Dome and the New York Mountains and is a hybrid between <i>Opuntia</i> <i>chlorotica</i> and <i>O.</i> <i>phaeacantha</i> .
Spectacle Fruit <i>Wislizenia</i> <i>refracta</i> ssp. <i>refracta</i> Capparaceae	CNPS List 2	Desert dunes, playas, and Sonoran Desert scrub, 600 to 800 m elevation	Known to occur on BLM public lands in the project area	No. This species occurs along Interstate Highway 15 at the boundary between BLM and Mojave National Preserve lands.
Charleston Sandwort <i>Arenaria</i> <i>congesta</i> var. <i>charlestonensis</i> Caryophyllaceae	CNPS List 1B	pinyon-juniper woodland on sandy soils, 2200 - 2225 m elevation	Not known to occur on BLM public lands in the project area	No. This taxon is known only from the New York Mountains in the Mojave National Preserve.
Dwarf Greasebush <i>Glossopetalon</i> <i>pungens</i> Crossosomatace ae	CNPS List 1B	pinyon-juniper woodland on carbonate soils, 1675 - 2000 m elevation	Not definitely known to occur on BLM public lands in the project area	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Desert Silverbush <i>Argythamnia</i> <i>claryana</i> (= <i>Ditaxis</i>)	CNPS List 2	Sonoran Desert scrub on sandy soil, 0 to 465 m elevation	Known to occur in the vicinity of the Snaggletooth Mountains	Yes. This species occurs adjacent to OHV designated route.

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claryana) Euphorbiaceae				
Abrams' Sandmat Chamaesyce abramsiana Euphorbiaceae	CNPS List 2	Sonoran Desert scrub on sandy soil, -5 - 915 m elevation	Known to occur on private land near Dale Lake east of 29 Palms	No. It is unknown if this species occurs on BLM Needles FO lands near Dale Lake.
Parry's Sandmat Chamaesyce parryi Euphorbiaceae	CNPS List 2	Desert dunes, Mojave Desert scrub, on sandy soils, 395 - 730 m elevation	Not known to occur on BLM public lands in the project area	No. This species is only known from the Kelso Dunes in the Mojave National Preserve.
Squareseed Spurge Euphorbia exstipulata Euphorbiaceae	CNPS List 2	Mojave Desert scrub on rocky soils, 1800 - 2000 m elevation	Known to occur on BLM public lands in the project area	No. This species occurs on remote BLM public lands in the Clark Mountains.
Halfmoon Milkvetch Astragalus allochrous var. playanus Fabaceae	CNPS List 2	Mojave Desert scrub on sandy soils, 800 m elevation	Not definitively known to occur on BLM public lands in the project area	Yes. It is likely that this species occurs on BLM Needles FO lands south of Goffs.
Cima Milkvetch Astragalus cimae var. cimae Fabaceae	BLM SS CNPS List 1B	Great Basin Desert scrub, Joshua tree and pinyon-juniper woodlands, 890 - 1850 m elevation	Not known to occur on BLM public lands in the project area	No. This species is only known from the Cima Dome and the New York Mountains in the Mojave National Preserve. This species occurring on BLM public lands is very unlikely.
Preuss' Milkvetch Astragalus preussii var. preussii Fabaceae	CNPS List 2	chenopod scrub, Mojave Desert scrub on clay soils, 750 - 780 m elevation	Not definitively known to occur on BLM public lands in the project area	No. This taxon is known to occur on private lands very close to BLM public lands NW of Mesquite Lake in an area with designated OHV trails.
Canyon Bird's-foot trefoil Lotus argyraeus var. multicaulis Fabaceae	BLM SS CNPS List 1B	pinyon-juniper woodland on granitic soils, 1200 - 1500 m elevation	Known to occur on BLM public lands in the Piute Valley between the Mescal Range and the Ivanpah Mountains	No. This species occurs in the vicinity of the Dinosaur Trackway ACEC, in a remote

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				location. Occurrence was discovered in 2008.
Canyon Bird's-foot trefoil <i>Lotus argyraeus</i> var. <i>notitius</i> Fabaceae	BLM SS CNPS List 1B	pinyon-juniper woodland, 1200 to 2000 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Providence Mountains of the Mojave National Preserve.
Fremont's Dalea <i>Psoralea fremontii</i> var. <i>attenuatus</i> Fabaceae	CNPS List 2	Sonoran Desert scrub on granitic or volcanic soils, 335 - 915 m elevation	Known to occur on BLM public lands in the Whipple Mountains and vicinity.	Yes. This species occurs in the vicinity of OHV trails between CA Highway 95 and the Whipple Mountains Wilderness.
New Mexico Locust <i>Robinia neomexicana</i> Fabaceae	CNPS List 2	pinyon-juniper woodland on sandy soils, 1500 -1770 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Mid Hills and the New York and Providence mountains of the Mojave National Preserve.
Coues' Cassia <i>Senna covesii</i> Fabaceae	CNPS List 2	Sonoran Desert scrub, usually on granitic sandy soil, 305 - 1070 m elevation	Known to occur on BLM public lands in the Whipple Mountains and vicinity	Yes. This species occur along or near designated OHV routes.
Narrowleaf Yerba Santa <i>Eriodictyon angustifolium</i> Hydrophyllaceae	CNPS List 2	pinyon-juniper woodland, 1500 - 1900 meters elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
Wishbone Fiddleleaf Nama <i>Nama dichotomum</i> Hydrophyllaceae	CNPS List 2	pinyon-juniper woodland o granitic or carbonate soils, 1900 - 2200 m elevation	Not known from BLM lands in the project area	No. This species is only known from the New York Mountains in the Mojave National Preserve. It might occur on BLM lands in the Castle Mountains where few botanical surveys have occurred.

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Aven Nelson's Phacelia Phacelia anelsonii Hydrophyllaceae	CNPS List 2	pinyon-juniper and Joshua Tree woodlands on sandy or gravelly soils, 1200 - 1500 m elevation	Known to occur just south of the Mesquite Wilderness near Kearny Pass	Yes. This species occurs along or near designated OHV routes.
Barneby's Phacelia Phacelia barnebyana Hydrophyllaceae	CNPS List 2	pinyon-juniper woodland, usually on carbonate gravelly or rocky soils, 1600 - 2700 m elevation	Known to occur on BLM public lands in the project area	No. This species occurs near the Clark Mountains.
Skyblue Phacelia Phacelia coerulea Hydrophyllaceae	CNPS List 2	Mojave Desert scrub and pinyon-juniper woodland, 1400 - 2000 m elevation	Known to occur on BLM lands in the project area	No. This species occurs in the southeast portion of the Clark Mountains.
Geraniumleaf Phacelia Phacelia geraniifolia (=Phacelia perityloides var. jaegeri) Hydrophyllaceae	CNPS List 1B	pinyon-juniper woodland, on rocky often carbonate soils, 1830 - 2345	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Clark Mountains Mountains of the Mojave National Preserve.
-	-	-	-	-
Arizona Fiestaflower Pholistoma auritum var. arizonicum Hydrophyllaceae	CNPS List 2	Sonoran Desert scrub, 275 - 835 m elevation	Known to occur on BLM public lands in the Whipple Mountains Wilderness	Yes. It is unclear whether this species occurs along or near designated OHV routes immediately outside the Whipple Mountains Wilderness.
Drummond's False Pennyroyal Hedeoma drummondii Lamiaceae	CNPS List 2	pinyon-juniper woodland on rocky or gravelly, often carbonate soils, 1400 - 1700 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
Pony Beebalm Monarda pectinata Lamiaceae	CNPS List 2	pinyon-juniper and Joshua tree woodlands, 1150 - 1525 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
Robison's Monardella Monardella robisonii Lamiaceae	BLM SS CNPS List 1B	pinyon-juniper woodlands, 610 - 1500 m elevation	Known to occur on BLM public lands at the edge of the Sheephole Valley Wilderness	No. This species is likely to occur on non- wilderness BLM lands nearby.

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Lavender Sage <i>Salvia greatae</i> Lamiaceae	BLM SS CNPS List 1B	Mojave Desert scrub, 825 m elevation	Reported from BLM public lands in the project area	No. The record of this species is suspect. It comes from the south edge of the Tribolite Wilderness near Amboy, far from the core of its range in southern Riverside County.
Sticky Germander <i>Teucrium glandulosum</i> Lamiaceae	CNPS List 2	Sonoran Desert scrub, 400 - 790 m elevation	Known to occur on BLM public lands in the Whipple Mountains and vicinity.	Yes. This species occurs along or near designated OHV routes.
Plains Flax <i>Linum puberulum</i> Linaceae	CNPS List 2	pinyon-juniper and Joshua tree woodlands, Mojave Desert scrub, 1000 - 2500 m elevation	Known to occur on BLM public lands in the project area	Yes. This species occurs in remote Lanfair Valley and north of the Clark Mountains.
Polished Blazingstar <i>Mentzelia polita</i> Loasaceae	BLM SS CNPS List 1B	Mojave Desert scrub on carbonate soils, 1200 - 1500 m elevation	Known to occur on BLM public lands in the project area	No. This species occurs north of the Clark Mountains.
Wingseed Blazingstar <i>Mentzelia pterosperma</i> Loasaceae	CNPS List 2	Mojave Desert scrub on clay or gypsum soils, 1140 m elevation	Known to occur on BLM public lands in the project area	No. This species occurs along or near designated BLM OHV routes north of the Clark Mountains.
Dwarf Indian Mallow <i>Abutilon parvulum</i> Malvaceae	CNPS List 2	Chenopod scrub on rocky soils, 900 - 1300 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Providence Mountains of the Mojave National Preserve.
Rusby's Globemallow <i>Sphaeralcea rusbyi</i> ssp. <i>eremicola</i> Malvaceae	BLM SS CNPS List 1B	Joshua tree woodland, Mojave Desert scrub, 975 - 1500 m elevation	Known to occur just south of Pahrump Valley Wilderness and both inside and outside the south boundary of Mesquite Wilderness.	Yes. This species occurs in the vicinity of OHV riding trails.
Scarlet Four O'clock <i>Mirabilis coccinea</i> Nyctaginaceae	CNPS List 2	pinyon-juniper woodland, 1070 - 1800 m elevation	Known to occur in the Lanfair Valley at the base of the Castle Mountains	Yes. This species occurs in remote Lanfair Valley and north of the Clark Mountains.
Smallflower	CNPS List 2	desert dunes, Mojave	Not known to occur on	No. This species

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Sandverbena Tripterocalyx micranthus Nyctaginaceae		Desert scrub, on sandy soils, 550 - 855 m elevation	BLM public lands in the project area	occurs only in the Mojave National Preserve at the Kelso Dunes.
Rough Menodora Menodora scabra Oleaceae	CNPS List 2	pinyon-juniper and Joshua tree woodlands, 1200 - 1800 m elevations	Known to occur on BLM public lands in the project area	No. This species occurs on BLM public lands in the Clark Mountains.
Booth's Evening Primrose Camissonia boothii ssp. intermedia Onagraceae	CNPS List 2	Great Basin Desert scrub, 1500 m elevation	Known to occur on BLM public lands in the project area	Yes. An old record of this species comes from south of the Pahrump Valley Wilderness in an area with designated OHV routes.
Cavedwelling Evening Primrose Oenothera cavernae Onagraceae	CNPS List 2	Great Basin Desert scrub, Mojave Desert scrub, Joshua tree woodland, 760 - 1280 m elevation	Known to occur on BLM public lands in the project area	No. Minimal OHV access to non-motorized recreational use within Ivanpah Valley.
Longstem Evening Primrose Oenothera longissima Onagraceae	CNPS List 2	Mojave Desert scrub, pinyon-juniper woodland on seasonally mesic soils, 1000 - 1700 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
Desert Bearpoppy Arctomecon merriamii Papaveraceae	CNPS List 2	chenopod scrub and Mojavean desert scrub on rocky soils, 490 - 1800 m elevation	Known to occur on BLM public lands in the Clark Mountains and between the Mesquite and Stateline wildernesses	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Coyote Gilia Aliciella triodon Polemoniaceae	CNPS List 2	pinyon-juniper woodland, sometimes on sandy soil, 610 - 1700 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Clark Mountains of the Mojave National Preserve.
Harwood's Woollystar Eriastrum sparsiflorum ssp. harwoodii	BLM SS CNPS List 1B	desert dunes, 200 - 915 m elevation	Known to occur on BLM public lands at Cadiz and Dale dry lakes	Yes. This species is likely to occur in dune habitat popular with OHV riders.

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(=Eriastrum harwoodii) Polemoniaceae				
Latimer's Woodlandgilia Saltugilia latimeri Polemoniaceae	BLM SS CNPS List 1B	desert scrub, 400 - 1900 m elevation	Known to occur in the Old Dad Mountains south of the west end of the Mojave National Preserve	Yes. This species has occurred along or near currently designated OHV routes.
Desert Polygala Polygala acanthoclada Polygalaceae	CNPS List 2	chenopod scrub, pinyon-juniper and Joshua tree woodlands, 760 - 2285 m elevation	Known to occur on BLM public lands in the Clark Mountains	No. This species occurs in the vicinity of OHV riding trails.
Pahrump Valley Buckwheat Eriogonum bifurcatum Polygonaceae	CNPS List 1B	chenopod scrub on sandy soils, 700 - 810 m elevation	Not definitively known to occur on BLM public lands in the project area	No. This species may occur on BLM public lands in the vicinity of Mesquite Dry Lake which is closed to Motorized Vehicles.
Reveal's Buckwheat Eriogonum contiguum Polygonaceae	CNPS List 2	Mojave Desert scrub on sandy soils, 30 - 1320 m elevation	Known to occur in and near the Kingston Mountains	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Thorne's Buckwheat Eriogonum thornei Polygonaceae	CNPS List 2	pinyon-juniper woodland on gravelly soils, 1800 - 1830 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
Juniper Buckwheat Eriogonum umbellatum var. juniporinum Polygonaceae	CNPS List 2	Mojave Desert scrub, pinyon-juniper woodland, 1300 - 2500 m elevation	Known to occur on BLM public lands in the Kingston Range Wilderness	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Slender Woollyheads	CNPS List 2	desert dunes, 400 m elevation	Not known from BLM public lands in the project area	No. This species is only known

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Nemacaulis denudata var. gracilis Polygonaceae				from the Kelso Dunes in the Mojave National Preserve.
Tall Mountain Larkspur Delphinium scaposum Ranunculaceae	CNPS List 2	Sonoran Desert scrub on rocky soils, occasionally washes, 270 - 1055 m elevation	Known to occur on BLM public lands near the Whipple Mountains Wilderness.	Yes. This species occurs along currently designated OHV routes.
Jaeger's Mousetail Ivesia jaegeri Rosaceae	BLM SS CNPS List 1B	pinyon-juniper woodland, white fir forest on carbonate rocky soils, 1830 - 3600 m elevation	Known to occur on BLM lands in the Clark Valley	No. This species may occur along currently designated OHV routes.
Kingston Mountain Mousetail Ivesia patellifera Rosaceae	BLM SS CNPS List 1B	pinyon-juniper woodland on granitic rocky soils, 1400 - 2100 m elevation	Known to occur on BLM lands in the Kingston Mountains	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Desert Plum Prunus eremophila Rosaceae	CNPS List 1B	Mojave Desert scrub on granitic or rhyolitic soils, 975 - 1175 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Vontrigger Hills of the Mojave National Preserve. Note: This species was first described in 2002 and does not appear in any federal plant databases
Kingston Mountains Bedstraw Galium hilendiae ssp. kingstonense Rubiaceae	BLM SS CNPS List 1B	white fir forest, pinyon- juniper woodland on rocky soils, 1200 - 2100 m elevation	Known to occur in the Kingston Mountains	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Wright's Bedstraw Galium wrightii Rubiaceae	CNPS List 2	white fir forest, pinyon- juniper woodland on carbonate rocky soils, 1600 - 2000 m elevation	Not definitely known to occur on BLM public lands in the project area	No. This species occurs < 0.5 mile from BLM public lands in the Clark Mountains.

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Purple Bird's-beak <i>Cordylanthus parviflorus</i> Scrophulariaceae	CNPS List 2	pinyon-juniper and Joshua tree woodlands, Mojave Desert scrub, 700 - 2200 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
Roving Sailor <i>Maurandella antirrhiniflora</i> (= <i>Maurandya antirrhiniflora</i>) Scrophulariaceae	CNPS List 2	Joshua tree woodland, Mojave Desert scrub, on carbonate soils, 760 - 1525 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Providence Mountains of the Mojave National Preserve.
Whitemargin Beardtongue <i>Penstemon albomarginatus</i> Scrophulariaceae	BLM SS CNPS List 1B	stabilized desert dunes, Mojave Desert scrub on sandy soils, 640 - 1065 m elevation	Known to occur on BLM public lands	No. This species occurs on BLM lands near Ludlow and SE of the Tribolite Wilderness.
Pinto Beardtongue <i>Penstemon bicolor</i> ssp. <i>roseus</i> Scrophulariaceae	CNPS List 2	Joshua tree woodland, Mojave Desert scrub on rocky or gravelly soils, sometimes in disturbed areas, 700 - 1500 m elevation	Known to occur on BLM public lands	Yes. This species occurs along currently designated OHV routes in the Castle Mountains.
Limestone Beardtongue <i>Penstemon calcareus</i> Scrophulariaceae	CNPS List 2	pinyon-juniper and Joshua tree woodlands, Mojave Desert scrub, on carbonate rocky soils, 1065 - 2040 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Providence Mountains of the Mojave National Preserve.
Death Valley Beardtongue <i>Penstemon fruticiformis</i> ssp. <i>amargosae</i> Scrophulariaceae	BLM SS CNPS List 1B	Mojave Desert scrub, 850 - 1400 m elevation	Likely to occur on BLM public lands	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Stephens' Beardtongue <i>Penstemon stephensii</i> Scrophulariaceae	BLM SS CNPS List 1B	pinyon-juniper and Joshua tree woodlands, on carbonate rocky soils, 1160 - 1850 m elevation	Known to occur on BLM public lands both inside and outside the Kingston Range Wilderness.	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.

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Thompson's Beardtongue Penstemon thompsoniae Scrophulariaceae	CNPS List 2	pinyon-juniper woodland on carbonate gravelly soils, 1500 - 2700 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Clark and New York mountains of the Mojave National Preserve.
Utah Penstemon Penstemon utahensis Scrophulariaceae	CNPS List 2	chenopod, Great Basin Desert, and Mojave Desert scrub, pinyon-juniper woodland, on rocky soils, 1065 - 2500 m elevation	Known to occur on BLM public lands both inside and outside the Kingston Range Wilderness and just south of the Mesquite Wilderness.	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Crucifixion Thorn Castela emoryi Simaroubaceae	CNPS List 2	Playas, desert scrub on gravelly soil, 90 - 670 m elevation	Known to occur on BLM public lands in Chemehuevi Wash, at the edge of the Sheephole Mountains Wilderness, and around Dale Lake	Yes. This species occur along or near designated OHV routes.
Chinese Lantern Quincula lobata (=Physalis lobata) Solanaceae	CNPS List 2	Mojave Desert scrub on decomposed granite, playas, 500 - 800 m elevation	Known from BLM public lands in the Sheephole Wilderness and Ward Valley	Yes. This species occur along or near designated OHV routes.
California Ayenia Ayenia compacta Sterculiaceae	CNPS List 2	Sonoran Desert scrub, on gravelly soils, 150 to 1095 m elevation	Not known to occur on BLM public lands in the project area	No. CNPS reports this taxon as being present in the Mojave National Preserve. No records are available from the Jepson Interchange herbaria database.
MONOCOTS				
Knotted Rush Juncus nodosus Juncaceae	CNPS List 2	meadows and seeps, 30 - 1980 m elevation	Known to occur on BLM public lands in the project area	Yes. CNPS reports this taxon as being present on BLM lands in the Clark and Old Woman mountains.
Nevada Onion Allium nevadense	CNPS List 2	pinyon-juniper woodland on sandy or gravelly soils, 1300 -	Known from BLM public lands in Kingston Range, Castle Mountains, and	No. This species occurs in the Kingston Pass

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Liliaceae		1700 m elevation	Mesquite Mountains.	area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Pink Funnel Lily <i>Androstephium breviflorum</i> Liliaceae	CNPS List 2	desert dunes, Mojave Desert scrub on bajadas, 220 - 640 m elevation	Known from Cadiz and Ivanpah Dry Lake	Yes. This species occurs in an area with designated OHV routes and potential solar energy projects.
Mormon Needlegrass <i>Achnatherum aridum</i> Poaceae	CNPS List 2	pinyon-juniper and Joshua tree woodlands on carbonate soils, 500 - 2570 m elevation	Known to occur in the Kingston Range Wilderness and Mesquite Wilderness and vicinity	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Red Grama <i>Bouteloua trifida</i> Poaceae	CNPS List 2	Mojave Desert scrub on carbonate rocky soils, 700 - 2000 m elevation	Known to occur in the Castle Mountains, Mesquite Wilderness and vicinity, Whipple Mountains, and Turtle Mountains	Yes. This species occur along or near designated OHV routes.
Nineawn Pappusgrass <i>Enneapogon desvauxii</i> Poaceae	CNPS List 2	pinyon-juniper woodland on carbonate rocky soils, 1275 - 1825 m elevation	Known to occur in the Castle Mountains	Yes. This species occur along or near designated OHV routes.
Hairy Woollygrass <i>Erioneuron pilosum</i> Poaceae	CNPS List 2	pinyon-juniper woodland on rocky and sometimes carbonate soils, 1500 - 2010 m elevation	Known to occur in the Mescal Range	No. This species occur along or near remote designated OHV routes.
Mojave Wildrye <i>Leymus salinus</i> ssp. <i>mojavensis</i> Poaceae	CNPS List 2	pinyon-juniper woodland on rocky soils, 1350 - 2135 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Clark Mountains of the Mojave National Preserve.
Wolftail <i>Muhlenbergia alopecuroides</i> Poaceae	CNPS List 2	pinyon-juniper and Joshua tree woodlands, 500 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the

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				Mojave National Preserve. This taxon is not recognized by federal botanical databases.
Devils Canyon Muhly Muhlenbergia appressa Poaceae	CNPS List 2	Mojave Desert scrub on rock soils, 1600 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Mid Hills and Providence Mountains of the Mojave National Preserve.
Navajo Muhly Muhlenbergia arsenei Poaceae	CNPS List 2	pinyon-juniper woodland on carbonate rocky soils, 1400 - 1860 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Clark and Providence mountains of the Mojave National Preserve.
Delicate Muhly Muhlenbergia fragilis Poaceae	CNPS List 2	pinyon-juniper woodland on carbonate gravelly soils, 1600 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Clark and New York mountains of the Mojave National Preserve.
New Mexico Muhly Muhlenbergia pauciflora Poaceae	CNPS List 2	pinyon-juniper woodland on rocky soils, 1755 - 1860 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Mid Hills and New York Mountains of the Mojave National Preserve.
False Buffalograss Munroa squarrosa Poaceae	CNPS List 2	pinyon-juniper woodland or gravelly or rocky soils, 1500 - 1800 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the Clark and New York mountains of the Mojave National Preserve.
Littleseed Ricegrass Piptatherum micranthum Poaceae	CNPS List 2	pinyon-juniper woodland on gravelly or carbonate soils, 700 - 2950 m elevation	Known to occur on BLM public lands	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.

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Burrograss Scleropogon brevifolius Poaceae	CNPS List 2	Mojave Desert scrub on decomposed granite soils, 1585 - 1600 m elevation	Not known to occur on BLM public lands in the project area	No. This species occurs only in the New York Mountains of the Mojave National Preserve.
FERNS				
Plummer's Cliff Fern Woodsia plummerae Dryopteridaceae	CNPS List 2	pinyon-juniper or Joshua tree woodlands on carbonate soils, 900 to 1800 m elevation	Known from BLM public lands in the project area	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.
Southwestern False Cloak Fern Argyroschisma limitanea ssp. limitanea Pteridaceae	CNPS List 2	pinyon-juniper woodland on carbonate rocky soils, 1800 m elevation	Not known from BLM public lands in the project area	No. This species is only known from the Keystone Basin in the Mojave National Preserve.
Cochise Scaly Cloakfern Astrolepis cochisensis ssp. cochisensis Pteridaceae	CNPS List 2	pinyon-juniper woodland on granitic or rocky soils, 976 m elevation	Known from BLM public lands in the project area	No. This species is occurs on BLM lands south of the Mesquite Wilderness at the boundary with Mojave National Preserve in the Clark Mountains.
Beaded Lipfern Cheilanthes wootonii Pteridaceae	CNPS List 2	pinyon-juniper or Joshua tree woodland, on rocky soils, 1600 to 1800 m elevation	Not known from BLM public lands in the project area	No. This species is only known from the New York and Providence mountains in the Mojave National Preserve.
Spiny Cliffbrake Pellaea truncata Pteridaceae	CNPS List 2	pinyon-juniper woodland on rocky volcanic or granitic soils, 1200 - 1250 m elevation	Not known from BLM public lands in the project area	No. This species occurs in the Kingston Pass area much of which is remote and protected within the Kingston, North Mesquite and Mesquite Wilderness Units.

PART 2 - Section III - Map(s) of Project Area

Attachments:

- [Unique Plant Assemblages Map](#)
- [BLM NFO Monitoring Guidance](#)
- [All Special-Status Species and Other Species of Local Concern](#)
- [Measuring Attributes of Wilderness Character](#)

PART 2 - Section IV. - Management/Monitoring Program by Species and Sensitive Habitat

PART 2 - Section IV. - Management/Monitoring Program by Species and Sensitive Habitat - Table 3

Table 3 - Data (Including Baseline Data) and Management Program for Species and/or Sensitive Habitats

Species/Habitat	Known Information	Methodology	Concerns / Risks / Uncertainties	Management Objective(s)	Management Action(s)	Success Criteria
UNIQUE PLANT ASSEMBLAGES (UPA)	-	-	-	-	-	-
Cadiz Dunes Psammophytic Plant Community	(UPA 2) Until further monitoring and inventories are completed, no known information is available.	(UPA 3)Biologist/Range Specialist currently measures and tracks change to Unique Plant Assemblages within the Needles Field Office	(UPA 4) Large scale changes to the environment will have dramatic affects on these units, i.e., fire.	(UPA 5) (a.) Measure to determine if impact occurs greater than 300 feet of center line in non-Desert Wildlife Management Areas (DWMA), or 100 feet within DWMA. (b.) Monitor any intrusion off designated trails for nesting/burrow destruction. (c.) Assess areas for multiple uses. (d.) Maintain damaged trails to	UPA 6) Review routes for possible designation changes such as rerouting of trail, temporary closure of trail until recovery, seasonal closure to reduce number of visitation during sensitive periods.	(UPA 7) (a.) No loss of vegetation greater than 50 feet from center of line. (b.) No evidence of nesting or burrow destruction. (c.) Visitor counts and inventories. (d.) Review maintenance requirements of designated routes.

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				decrease intrusions into adjacent vegetation.		
Homer Mountain Ocotillo Assemblage	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Kingston Range Relict White Fir Stands	Contained within Wilderness	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Kingston Range Giant Nolina Assemblage	Contained within Wilderness	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Kingston Range Mojave Yucca Scrub and Steepe	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Lanfair Valley Desert Grassland	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Mesquite Valley Mesquite Grove	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Piute Valley Smoke Tree Assemblage	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Riparian Assemblages (Various Localities)	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Sacramento and Stepladder Mountains Teddy-bear Cholla Assemblages	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Shadow Valley Shadscale Assemblage	As stated in UPA 2	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Ward and Chemehuevi Valleys Crucifixion Thorn Assemblages	Inventory presently being conducted	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
Whipple Mountains Saguaro-Foothill Paloverde Assemblage	Inventory scheduled for 2010	As stated in UPA 3	As stated in UPA 4	As stated in UPA 5	As stated in UPA 6	As stated in UPA 7
PLANTS (PLS)	-	-	-	-	-	-
Spearleaf (Matelea parvifolia)	As stated in UPA 2	(PLS 3) LE/Park rangers are familiar with this	(PLS 4) This plant occurs in habitats that are readily	(PLS 5) (a.) Measure to determine if	(PLS 6)None at present	(PLS 7) (1) < 5% loss of known

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		<p>plant species. They photograph sitings, record locations, and document any damage to these plants in the project area. Reports of findings go to the California State Ecologist and the Needles OHV Program Lead and Wilderness Coordinator to evaluate and determine management response to protect the species.</p>	<p>accessible to OHVs. Information about impacts from OHVs is not available. Management for this species is difficult without information.</p>	<p>impact occurs greater than 300 feet of center line in non-Desert Wildlife Managemene nt Areas (DWMA), or 100 feet within DWMA. (b.) Monitor any intrusion off designated trails for nesting/bur row destruction. (c.) Assess areas for multiple uses. (d.) Maintain damaged trails to decrease intrusions into adjacent vegetation.</p>		<p>total population in any one year (2) < 5% loss of potential habitat lost in any one year (3) Restoration of lost populations and their habitats begins within 5 years of loss (4) Complete restoration of habitat occurs within 40 years after disturbance</p>
saguaro (Carnegieia gigantea)	As stated in UPA 2	As stated in PLS 3	Off-road vehicle recreation and travel threatens the population as much of the population occurs in areas where vehicles can drive. Information on the population size and density is not available.	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Howe's Hedgehog Cactus (Echinocereus engelmannii var. howei)	As stated in UPA 2	As stated in PLS 3	Off-road vehicle recreation and travel threatens the population as much of the population occurs in areas where	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7

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			vehicles can drive. Information on the population size and density is not available.			
Desert Pincushion (Echinocereus viridiflorus var. chloranthus)	As stated in UPA 2	As stated in PLS 3	Off-road vehicle recreation and travel threatens the population as much of the population occurs in areas where vehicles can drive. Information on the population size and density is not available.	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Johnson's Beehive Cactus (Echinomastus johnsonii)	As stated in UPA 2	As stated in PLS 3	Off-road vehicle recreation and travel threatens the population as much of the population occurs in areas where vehicles can drive. Information on the population size and density is not available.	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Spinystar (Escobaria vivipara var. rosea)	As stated in UPA 2	As stated in PLS 3	Off-road vehicle recreation and travel threatens the population as much of the population occurs in areas where vehicles can drive. Information on the population size and density is not available.	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Matted Cholla (Grusonia parishii)	As stated in UPA 2	As stated in PLS 3	Off-road vehicle recreation and travel threatens the population as much of the population occurs in areas where vehicles can drive. Information on the population size and density is not available.	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7

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Desert Silverbush (<i>Argythamnia claryana</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Halfmoon Milkvetch (<i>Astragalus allochrous</i> var. <i>playanus</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Fremont's Dalea (<i>Psorothamnus fremontii</i> var. <i>attenuatus</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Coues' Cassia (<i>Senna covesii</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Aven Nelson's Phacelia (<i>Phacelia anelsonii</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Arizona Fiestaflower (<i>Pholistoma auritum</i> var. <i>arizonicum</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Sticky Germander (<i>Teucrium glandulosum</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Plains Flax (<i>Linum puberulum</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Rusby's Globemallow (<i>Sphaeralcea rusbyi</i> ssp. <i>eremicola</i>)	Listed as a species of concern within the Ivanpah Energy Proposal Sites.	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Scarlet Four O'Clock (<i>Mirabilis coccinea</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Booth's Evening Primrose (<i>Camissonia boothii</i> ssp. <i>intermedia</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Harwood's Woollystar (<i>Eriastrum sparsiflorum</i> ssp. <i>harwoodii</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Latimer's Woodlandgilia (<i>Saltugilia latimeri</i>)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7

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Tall Mountain Larkspur (delphinium scaposum)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Pinto Beardtongue (Penstemon bicolor ssp. roseus)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Crucifixion Thorn (Castela emoryi)	As stated in UPA 2	As stated in PLS 3	The species also occurs in Arizona, Baja California, and Sonora. It occurs in habitats that are readily accessible to OHVs. Most populations are small and reproduction rates are low. Large plants are formidable with large, densely arranged thorns.	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Chinese Lantern (Quincula lobata)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Knotted Rush (Juncus nodosus)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Pink funnel Lily (Androstegium breviflorum)	As stated in UPA 2	As stated in PLS 3	The species occurs in areas of proposed energy sites. It 's in habitats that are readily accessible to OHVs. Information about impacts from OHVs is not available. Management for this species is difficult without information.	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Red Grama (Bouteloua trifida)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
Nineawn Pappusgrass (Enneapogon desvauxii)	As stated in UPA 2	As stated in PLS 3	As stated in PLS 4	As stated in PLS 5	As stated in PLS 6	As stated in PLS 7
IMPORTANT PLANT	-	-	-	-	-	-

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
 Applicant: BLM - Needles Field Office
 Application: General Application Requirements (FINAL)

COMMUNITIES						
Desert Fan Palm Woodland	As stated in UPA 2	Biologist/Range Specialist currently measures and tracks change to Unique Plant Assemblages within the Needles Field Office	Palm woodlands attract people for their shade and beautiful settings. Unfortunately, they can become targets of vandalism and are burning more often in recent years. Subsurface shifts in tectonic plates may alter the locations of springs and the water supply to oases.	(1) No loss of palm oases to vegetation conversion to non-native invasive species (e.g., tamarisk) (2) Cultural maintenance of naturally regenerating palms (3) Improvement of habitats for Gila Woodpecker and Elf Owl	None at present	(1) Reestablishment of palm canopy cover and diameter class distribution where palms have become damaged from human activities
ANIMALS (ANLS)	-	-	-	-	-	-
Desert Tortoise (Gopherus agassizii)	Desert Tortoise can be found throughout the CA southwest. Active the most during the spring and early summer when annual plants are most abundant, after summer rains and during the early fall. Within the NEMO and NECO plan lands have been set aside for their protection.	(ANLS 3)All staff will record date and location of sightings.	Accidental take by OHVs travelling illegally off designated trails	(ANLS 5) (a.) Measure to determine if impact occurs greater than 300 feet of center line in non-Desert Wildlife Management Areas (DWMA), or 100 feet within DWMA. (b.) Monitor any intrusion off designated trails for nesting/burrow destruction.	(ANLS 6) None at present	(ANLS 7) Coordinate with CFG & USFW regarding any species concerns

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
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 Application: General Application Requirements (FINAL)

				(c.) Assess areas for multiple uses. (d.) Maintain damaged trails to decrease intrusions into adjacent vegetation.		
Banded Gila monster (<i>Heloderma suspectum cinctum</i>)	As stated in UPA 2	As stated in ANLS 3	Rare sightings of this species within California, primarily in the Southern Kingston Range and the Whipples Mountains. Information on the population size and density is not available.	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
American Badger (<i>Taxidea taxus</i>)	As stated in UPA 2	As stated in ANLS 3	Accidental take by OHVs travelling illegally off designated trails	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
Mountain Lion (<i>Felis concolor browni</i>)	As stated in UPA 2	As stated in ANLS 3	Accidental take by OHVs travelling illegally off designated trails	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
Cave myotis (<i>Myotis velifer</i>) (BATS)	(BATS 2) NFO Abandoned Mine Report regarding bats attached to Part 2, Section III	(BATS 3) Biologist monitors during AML inventories and vector observations.	(BATS 4) Due to nocturnal behavior, this species is difficult to study in relationship to OHV. Protecting habitat from intrusion primary focus in Abandon Mine Land Inventories.	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
Townsend's big-eared bat (<i>Corynorhinus townsendii pallescens</i>)	As stated in BATS 2	As stated in BATS 3	As stated in BATS 4	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
California leaf-nosed bat	As stated in BATS 2	As stated in BATS 3	As stated in BATS 4	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
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(<i>Macrotus californicus</i>)						
Occult Little Brown Bat (<i>Myotis lucifugus ssp. occultus</i>)	As stated in BATS 2	As stated in BATS 3	As stated in BATS 4	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
small-footed Bat (<i>Myotis ciliolabrum</i>)	As stated in BATS 2	As stated in BATS 3	As stated in BATS 4	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
Spotted Bat (<i>Euderma maculatum</i>)	As stated in BATS 2	As stated in BATS 3	As stated in BATS 4	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
Pallid bat (<i>Antrozous pallidus</i>)	As stated in BATS 2	As stated in BATS 3	As stated in BATS 4	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
Western mastiff bat (<i>Eumops perotis</i>)	As stated in BATS 2	As stated in BATS 3	As stated in BATS 4	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7
Couch's Spadefoot Toad (<i>Scaphiopus couchi</i>)	No information available.	Amphibian data will be recorded during spring/seep monitoring	Information on the population size and density is not available.	As stated in ANLS 5	As stated in ANLS 6	As stated in ANLS 7

PART 2 - Section IV. - Management/Monitoring Program by Species and Sensitive Habitat - Table 4

Table 4: Summary of HMP Monitoring Program

Species/Habitat	Change Detection Methodology	Effectiveness Monitoring Methodology, Including Triggers	Identify Any Applicable Validation Monitoring (Focused Studies)
UNIQUE PLANT ASSEMBLAGES	(B1)Return annually to document in photographs habitat quality at long-term monitoring sites designated for the species; take measures of young shrubs (canopy, height, etc.) to chart growth rates and survival; process data to track changes in population size, develop growth rate regression to assist in restoration planning.	(C1)If two or more success criteria are not met in a given year, the authorized officer will deem necessary action to be taken. (See BLM NFO Monitoring Guidance)	(D1)None at this time.
Cadiz Dunes Psammophytic Plant Community	As stated in B1	As stated in C1	As stated in D1
Homer Mountain Ocotillo Assemblage	As stated in B1	As stated in C1	As stated in D1

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
 Applicant: BLM - Needles Field Office
 Application: General Application Requirements (FINAL)

Kingston Range Relict White Fir Stands	As stated in B1	As stated in C1	As stated in D1
Kingston Range Giant Nolina Assemblage	As stated in B1	As stated in C1	As stated in D1
Kingston Range Mojave Yucca Scrub and Steepe	As stated in B1	As stated in C1	As stated in D1
Lanfair Valley Desert Grassland	As stated in B1	As stated in C1	As stated in D1
Mesquite Valley Mesquite Grove	As stated in B1	As stated in C1	As stated in D1
Piute Valley Smoke Tree Assemblage	As stated in B1	As stated in C1	As stated in D1
Riparian Assemblages (Various Localities)	As stated in B1	As stated in C1	As stated in D1
Sacramento and Stepladder Mountains Teddy-bear Cholla Assemblages	As stated in B1	As stated in C1	As stated in D1
Shadow Valley Shadscale Assemblage	As stated in B1	As stated in C1	As stated in D1
Ward and Chemehuevi Valleys Crucifixion Thorn Assemblages	As stated in B1	As stated in C1	As stated in D1
Whipple Mountains Saguaro-Foothill Palverde Assemblage	As stated in B1	As stated in C1	As stated in D1
PLANTS			
Spearleaf Matelea parvifolia Asclepiadaceae	As stated in B1	As stated in C1	As stated in D1
Saguaro Carnegiea gigantea Cactaceae	As stated in B1	As stated in C1	As stated in D1
Howe's	As stated in B1	As stated in C1	As stated in D1

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
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Hedgehog Cactus Echinocereus engelmannii var. howei Cactaceae			
Desert Pincushion Echinocereus viridiflorus var. chloranthus (=Coryphantha chlorantha) Cactaceae	As stated in B1	As stated in C1	As stated in D1
Johnson's Beehive Cactus Echinomastus johnsonii (=Sclerocactus johnsonii) Cactaceae	As stated in B1	As stated in C1	As stated in D1
Spinystar Escobaria vivipara var. rosea (=Coryphantha vivipara var. rosea) Cactaceae	As stated in B1	As stated in C1	As stated in D1
Matted Cholla Grusonia parishii Cactaceae	As stated in B1	As stated in C1	As stated in D1
Desert Silverbush Argythamnia claryana (=Ditaxis claryana) Euphorbiaceae	As stated in B1	As stated in C1	As stated in D1
Halfmoon Milkvetch Astragalus allochrous var. playanus Fabaceae	As stated in B1	As stated in C1	As stated in D1
Fremont's Dalea Psorothamnus fremontii var. attenuatus Fabaceae	As stated in B1	As stated in C1	As stated in D1
Coues' Cassia Senna covesii	As stated in B1	As stated in C1	As stated in D1

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
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Fabaceae			
Aven Nelson's Phacelia Phacelia anelsonii Hydrophyllaceae	As stated in B1	As stated in C1	As stated in D1
Arizona Fiestaflower Pholistoma auritum var. arizonicum Hydrophyllaceae	As stated in B1	As stated in C1	As stated in D1
Sticky Germander Teucrium glandulosum Lamiaceae	As stated in B1	As stated in C1	As stated in D1
Plains Flax Linum puberulum Linaceae	As stated in B1	As stated in C1	As stated in D1
Rusby's Globemallow Sphaeralcea rusbyi ssp. eremicola Malvaceae	As stated in B1	As stated in C1	As stated in D1
Scarlet Four O'clock Mirabilis coccinea Nyctaginaceae	As stated in B1	As stated in C1	As stated in D1
Booth's Evening Primrose Camissonia boothii ssp. intermedia Onagraceae	As stated in B1	As stated in C1	As stated in D1
Harwood's Woollystar Eriastrum sparsiflorum ssp. harwoodii (=Eriastrum harwoodii) Polemoniaceae	As stated in B1	As stated in C1	As stated in D1
Latimer's Woodlandgilia Saltugilia latimeri Polemoniaceae	As stated in B1	As stated in C1	As stated in D1
Tall Mountain Larkspur	As stated in B1	As stated in C1	As stated in D1

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
 Applicant: BLM - Needles Field Office
 Application: General Application Requirements (FINAL)

Delphinium scaposum Ranunculaceae			
Pinto Beardtongue Penstemon bicolor ssp. roseus Scrophulariaceae	As stated in B1	As stated in C1	As stated in D1
Crucifixion Thorn Castela emoryi Simaroubaceae	As stated in B1	As stated in C1	As stated in D1
Chinese Lantern Quincula lobata (=Physalis lobata) Solanaceae	As stated in B1	As stated in C1	As stated in D1
Knotted Rush Juncus nodosus Juncaceae Pink Funnel Lily Androstephium breviflorum Liliaceae	As stated in B1	As stated in C1	As stated in D1
Red Grama Bouteloua trifida Poaceae	As stated in B1	As stated in C1	As stated in D1
Nineawn Pappusgrass Enneapogon desvauxii Poaceae	As stated in B1	As stated in C1	As stated in D1
IMPORTANT PLANT COMMUNITIES			
Desert Fan Palm Woodland	As stated in B1	As stated in C1	As stated in D1
ANIMALS			
Desert Tortoise (Gopherus agassizii)	(B2) Record location, date, time of day, photograph (if possible) and enter into datasheet of unique sightings.	As stated in D1	As stated in D1
Banded gila monster (Heloderma suspectum cinctum)	As stated in B2	As stated in D1	As stated in D1
American Badger (Taxidea taxus)	As stated in B2	As stated in D1	As stated in D1

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
 Applicant: BLM - Needles Field Office
 Application: General Application Requirements (FINAL)

Mountain Lion(Felis concolor browni)	As stated in B2	As stated in D1	As stated in D1
Cave myotis (Myotis velifer)	(B3) Log sightings into Bats Database	As stated in D1	As stated in D1
Townsend's big-eared bat (Corynorhinus townsendii pallescens)	As stated in B3	As stated in D1	As stated in D1
California leaf-nosed bat (Macrotus californicus)	As stated in B3	As stated in D1	As stated in D1
Occult Little Brown Bat (Myotis lucifugus ssp occultus)	As stated in B3	As stated in D1	As stated in D1
Small-footed Bat (Myotis ciliolabrum)	As stated in B3	As stated in D1	As stated in D1
Spotted Bat (Euderma maculatum)	As stated in B3	As stated in D1	As stated in D1
Pallid bat (Antrozous pallidus)	As stated in B3	As stated in D1	As stated in D1
Western mastiff bat (Eumops perotis)	As stated in B3	As stated in D1	As stated in D1

PART 2 - Section IV. - Management/Monitoring Program by Species and Sensitive Habitat - Table 5

Table 5. Management Review and Response; Adaptive Management

Monitoring Methodology	How Monitoring Information Will Inform Management	How Data Will Be Analyzed	Management Response to Identified Triggers	Who Will Plan Management Response
Re-photography	Information provides an objective record of environmental changes in habitat of rare plant species that make the rate and degree of change immediately apparent. If rates of change (e.g., vehicle damage, erosion) exceed the management thresholds,	The BLM Ecologist and OHV Recreation Program Lead review photographs to determine whether detected changes are positive for a particular species. Analysis based on professional experience and judgment guide recommendations to BLM management at	If re-photography indicates that the rate of environmental change is abnormal and adverse, BLM staff and management jointly determine the response to improve habitat and population conditions for the species.	The BLM Field Office Manager The BLM Assistant Field Office Manager for Natural Resources The BLM OHV Recreation Program Lead

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
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	management for the species and its habitat changes to offset adverse impacts	the field office.		
Measurements of Plant Growth Rates	Data from the long-term monitoring sites informs restoration ecologists about the range and pace of growth of these rare plant species. With information, the restoration ecologists can include conservation goals for these species in restoration projects that enhance native habitat as BLM closes redundant OHV trails. Information on the effects of soil type, location, and rainfall on plant growth and development, etc., can inform BLM about the best sites to develop for increasing habitat and plant populations.	The BLM Ecologist and Restoration Ecologist model predictive growth curves to estimate the rate of development of rare plant populations under local conditions. In this way, the restoration ecologist can make appropriate species choices and horticultural methods to promote rare plant populations in restoration projects.	If plants do not appear to regenerate on site to maintain at least minimum historic populations as the result of irreversible environmental conditions (i.e., soil loss, climate change), the BLM State Botanist and Ecologist will make recommendations of alternate sites to establish rare plant populations.	The BLM Field Office Manager The BLM Assistant Field Office Manager for Natural Resources The BLM OHV Recreation Program Lead The BLM Restoration Ecologist
Woodland Vegetation Cover and Composition	Losses of vegetation cover and numbers of important tree species or of California Fan Palms calls attention to the need to implement silvicultural treatment to aid tree establishment and growth.	The BLM Ecologist and Restoration Ecologist use data to develop predictive growth curves to estimate the rate of tree or palm growth. In this way, the restoration ecologist can make appropriate species choices and silvicultural methods to promote rare plant populations in restoration projects.	When net tree or palm cover is decreasing at a rate greater than 10% per decade, silvicultural management to maintain or expand tree cover begins.	The BLM Field Office Manager The BLM Assistant Field Office Manager for Natural Resources The BLM OHV Recreation Program Lead The BLM Restoration Ecologist
Animal Observations	Information can be utilized by BLM, CFG & USFW to study wildlife movement	--	--	BLM, CFG, & USFW

PART 2 - Section V. - Previous Year's Monitoring Results and Management Actions Based on Monitoring Results

PART 2 - Section V. - Previous Year's Monitoring Results and Management Actions Based on Monitoring Results - Table 6

Table 6: Previous Year's Monitoring Results

Habitat Management Program (HMP) for Grants and Cooperative Agreements Program - 2009/2010
 Applicant: BLM - Needles Field Office
 Application: General Application Requirements (FINAL)

Monitoring Accomplishments	Results	Were Objectives and Success Criteria Achieved?
Homer Mountain Ocotillo Assemblage	Capture polygon information of distribution for use in GIS.	Yes
Kingston Range Relict White Fir Stands	Site Visit (fire management)	Yes
Kingston Range Giant Nolina Assemblage	Site Visit (fire management)	Yes
Mesquite Valley Mesquite Grove	Viability of species	Yes
Riparian Assemblages (Various Localities)	Monitored for invasive species and stream bed alteration due to over grazing.	Yes
Sacramento and Stepladder Mountains Teddy-bear Cholla Assemblages	Site Visit (fire management)	No
Whipple Mountains Saguaro-Foothill Palverde Assemblage	Unknown individuals mapped.	Yes

PART 2 - Section V. - Previous Year's Monitoring Results and Management Actions Based on Monitoring Results - Table 7

Table 7: Management Actions Based on Monitoring Results

Management Actions	Species/ Habitat	Date Completed or Planned - mm/dd/yyyy	Changes Needed to HMP
Continue monitoring and taking trend data	Homer Mountain Ocotillo Assemblage	01/01/2099	none
Continue monitoring and taking trend data	Kingston Range Relict White Fir Stands	01/01/2099	none
Continue monitoring and taking trend data	Kingston Range Giant Nolina Assemblage	01/01/2099	none
Seed collecting and Continue monitoring and taking trend data	Mesquite Valley Mesquite Grove	01/01/2099	none
Weed control and fencing, monitoring and taking trend data	Riparian Assemblages (Various Localities)	04/08/2010	none
Continue monitoring and taking trend data	Sacramento and Stepladder Mountains Teddy-bear Cholla Assemblages	01/01/2099	none
Bat boxes, bat monitoring, monitoring and taking trend data	Whipple Mountains Saguaro-Foothill Palverde Assemblage	01/01/2099	none

PART 2 - Section V. - Previous Year's Monitoring Results and Management Actions Based on Monitoring Results - Table 8

Table 8 Management Actions Taken in Response to HMP-related Public Concerns

Concern Raised by Public	Actions Taken to Address the Concern
cattle within wetlands Kingston Area	Action contractors hired and cattle excluded from area by fences

Soil Conservation

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A. Soil Conservation

- a. Do any of your proposed projects involve Ground Disturbing Activities? (Please select Yes No Yes or No)

B. Soil Conservation Plan

Attachments:

[NFO Soil Conservation Plan](#)

Public Review Process

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A. Public Notification Efforts

Check all that apply: (Please select applicable values)

- Notice to interested Parties/Groups (Enter date in mm/dd/yyyy format)
- Published on Applicant's Website (Enter date in mm/dd/yyyy format) [03/01/2010]
- Published in Newspaper
- News Release Issued
- Public Meeting(s) Hearing(s) Held

B. Public Comments

Needles 2009/10 OHMVRD Grant Application Comment Summary

E-mail Comment Summary: 3 e-mail comments were received

One (individual) - Liked the article in the local newspaper & will make comments to OHMVRD.

One (CORVA) – Questioned the requested amount, specifically identifying the Planning grant.

One (Cal Wild) - Strongly supports the 2009-2010 grant application proposals and requested items.

OHMVER Public Comments Summary: 5 comments were received

One (individual, 3 comments) –

A. editorialized on his concerned with the % of on ground work for all applicants, wanted all OHV users to preach "Stay on Designated Trail" and to pressure on the "Willfully Ignorant" to change their ways.

B. expressed concerns about "Willfully Ignorant" visitors' refusal to follow rules, "Stay on Designated Trails ", or "Respect Private Property", wanted all children 16 and under properly certified, have parents held responsible and ticketed for infractions.

C. Question amounts requested and line items in all grant applications, "Wilderness was created by congress, they should fund it".

One (CORVA) – Questioned the requested amount, specifically identifying the Planning grant and thought it could be done cheaper.

One (individual) - Wanted no state money to a federal agency.

OHV DIVISION Comments Summary:

The Division commented on all but the Law Enforcement Grant. Comments were common throughout the GO, Planning, Restoration, and Education Grants. Most sections requested verification, clarification of statements, more detailed explanations, and adjustments as necessary for Project Descriptions, Project Cost Estimates, and Evaluation Criteria. Line items requested further details to be added. Responses to line items were placed in the line items notes while other items were deleted. Missing Units of measure were corrected in the PCE. The following is a brief summary of categories and sections for each grant that received comments.

General Application:

Evaluation Criteria – #8 Requested additional details.

Ground Operations:

Project Description – Section A and B requested clarification

Project Cost Estimate – Staff, Contracts, Materials & Supplies, Equip. Use Expenses, Equipment Purchase, Other.

Evaluation Criteria - #2, #3, #4, #6, #7, #8 Requested additional details

Planning –Inventories

Project Description – Relate Activities to OHV Recreation and D only list completion reports

Project Cost Estimate – Staff, Contracts, Other.

Evaluation Criteria - #2, #7, #8, #9 Requested additional details

Restoration

Project Description – Section B Relate Activities to OHV Recreation

Project Cost Estimate – UOM, Materials & Supplies, Equipment Purchase

Evaluation Criteria - #2, #3, #4, #7 Requested additional details

Education & Safety

Project Description – Section D Activities outside California not eligible

Project Cost Estimate – Staff, Materials & Supplies, Equipment Purchase, Other.

Evaluation Criteria - #6, #7, #9, #11 Requested additional details

C. Application Development as a result of Public Comments

- a. Were changes made to the Application as a result of public comments? (Please select Yes No Yes or No)

- b. Describe how public comments affected the Application

Review of Public & Division comments resulted in changes to all 5 Grant Applications. The NFO re-evaluated staffing labor breakdowns & updated the NFO Staffing Matrix (attached to Ground Operations). The grants were reviewed & adjusted reflecting the updated labor estimated on the Matrix. Changes made to address comments from the Division & the public resulted in all PCEs including the Law Enforcement to be adjusted. Changes listed below are grouped as most request were a common thread throughout the GO, Planning, Restoration & Ed grants. The majority of LE changes are due to re-evaluation & adjustment of the GO Grant.

Common adjustment: Evaluation Criteria - Narrative rewritten in detail to support response.

Project Description - Rewritten to clearly address the comments & details added. PCE - Labor adjusted to Matrix, Explanations added to notes, line items deleted, items added, items cost and quantities adjusted, items moved to another category or to another grant to accurately reflect the program.

Certifications

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1. Applicant Certifications

A. General Conditions

- A. The Applicant hereby certifies, under the penalty of perjury, compliance with the following terms and conditions:
1. If the Project involves a Ground Disturbing Activity, the Applicant agrees to monitor the condition of soils and wildlife in the Project Area each year in order to determine whether the soil conservation standard adopted pursuant to Public Resource Code (PRC), Section 5090.35 and the HMP prepared pursuant to Section 5090.53(a) are being met.
 2. If the Project involves a Ground Disturbing Activity, the Applicant agrees that, whenever the soil conservation standard adopted pursuant to PRC Section 5090.35 is not being met in any portion of a Project Area, the recipient shall close temporarily that noncompliant portion, to repair and prevent accelerated erosion, until the same soil conservation standard adopted pursuant to PRC Section 5090.35 is met.
 3. If the Project involves a Ground Disturbing Activity, the Applicant agrees that, whenever the HMP prepared pursuant to PRC Section 5090.53(a) is not being met in any portion of a Project Area, the recipient shall close temporarily that noncompliant portion until the same HMP prepared pursuant to PRC Section 5090.53(a) is met.
 4. The Applicant agrees to enforce the registration of off-highway motor vehicles and the other provisions of Division 16.5 (commencing with Section 38000) of the Vehicle Code and to enforce the other applicable laws regarding the operation of off-highway motor vehicles.
 5. The Applicant agrees to cooperate with appropriate law enforcement entities to provide proper law enforcement at and around the Facility.
 6. The Applicant's Project is in accordance with local or federal plans and the strategic plan for OHV Recreation prepared by the OHMVR Division.

B. Programmatic Conditions

B. The Applicant must describe the following programmatic conditions:

1. Identify the potential for the facility to reduce illegal and unauthorized OHV Recreation activities in the surrounding areas:

All BLM branches and program elements are tasked with insuring a balance between BLM's multiple use goals of providing recreational opportunities and protecting resources, which includes, the protection of natural and cultural resources, as well as the safety of the public. NFO's comprehensive approach strives to reduce illegal and unauthorized OHV activities in several ways. The Outreach and Take It Outside programs provide schools and the Public informational material and design on-the-ground interpretive needs. NFO provides maps and brochures on hunting, rock hounding, wildlife viewing, sightseeing, primitive camping, and desert safety. LE and staff monitor Wilderness, OHV routes, camp and picnic sites, ACEC, and wildlife habitat when in the field. Staff report illegal and unauthorized OHV activities to LE for investigation. The Needles team works in unison to accomplish the overall mission.
2. Describe how the Applicant is meeting the operations and maintenance needs of any existing OHV Recreation Facility under its jurisdiction:

Recreation facilities operation and maintenance needs are met in a variety of ways. NFO meets the needs by focusing on the 3200 miles of dispersed backcountry routes, the cornerstone for the Needles recreation program. This dispersed system supports a wide-ranging spectrum of recreationists relying on these routes in order to pursue various recreational experiences. Implementation of the route designation and Travel Management Plan Amendments, which provides a blueprint and direction needed to identify and correct present and future OHV and non-OHV recreational needs. By signing the open route network, providing maintenance to kiosks, existing barriers, and providing the public with information, maps, and programs. Targeting segments of the 3.4 million acres allows a smaller area be addressed per year. By the end of FY 2011, the NFO expects to complete the route signing of the eastern third of the field office.

C. Fee Collection

Describe how fees collected pursuant to Section 38230 of the Vehicle Code (in-lieu funds) are utilized and whether the fees complement the Applicant's proposed Project:

D. Compliance with PRC 5090.50(b)(1)(C)

Projects within the O&M category that affect lands identified as inventoried roadless areas by the U.S. Forest Service, are compliant with PRC 5090.50(b)(1)(C). (Please select Yes or No) Yes No

2. Governing Body Resolution

Certification - Non Profits / Education

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- 1. Written Agreement with Land Manager**
- 2. Verification of Nonprofit 501(c)(3) Status**

Evaluation Criteria

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1. OHV Visitor Opportunity Summary

1 OHV Visitor Opportunity Summary

- a. Does the land manager agency provide legal OHV riding opportunity? (Please select Yes or No) Yes No

Starting (Month/Year) 10/2008 Ending (Month/Year) 09/2009

- b. Off-Highway Vehicle Opportunity Ratio (OHV Ratio) opportunity
- i. Months of OHV Opportunity (OHV Months) 12
- ii. Total Miles Of Routes Available For OHV Recreation 3200
- iii. Total Acres Of Open Riding Available For OHV Recreation 0
- iv. OHV Visitation (visitor days) 176000
- v. Ratio of OHV Visitation/OHV Opportunity 55.00

1 OHV Visitor Opportunity Summary (2)

- c. Reference Document that support the responses to a. and b. on previous page
The information provided is recorded in the BLM's Recreation Management Information System (RMiS). This year, BLM's State OHV Coordinator worked with the State RMiS data steward to prepare a statewide summary report.
- d. Visitor Opportunity Ratio (V/O Ratio) = OHV Ratio x OHV Months / 12 55.00
Visitor Opportunity Ratio (V/O Ratio) Score

2. Quality of OHV Opportunity

Land Manager's OHV program 10

Check all that apply (Please select applicable values)

- Map with OHV Recreation opportunities clearly shown is available for distribution at no cost (2 points)
- Map with OHV Recreation opportunities clearly shown is available on the Land Manager's website (2 points)
- Map indicates relative difficulty of each OHV trail (2 points)
- Map indicates appropriate OHV use type (ATV, dirt bike, 4x4, OSV, etc.) (2 points)
- At least fifty percent of the staging areas include support facilities (restrooms, picnic tables, trash cans, shade structures) (2 points)
- Majority of trail intersections are signed with information such as: trail names, directional signs, relative difficulty, mileage to next feature (2 points)

3. Variety of OHV Opportunity

- a. Skill levels (e.g., beginner, intermediate, advanced) indicated by publicly available maps or signage marking trails with relative difficulty 5

(Check the one most appropriate) (Please select one from list)

- 3 or more skill levels (5 points) 2 skill levels (3 points)
- 1 skill level (1 point) Land Manager has no legal OHV riding opportunity (No points)

b. Type of OHV Opportunity (ATV, dirt bike, 4x4, OSV, RUV, Sand Rail/Dune Buggy) 6

(Check the one most appropriate) (Please select one from list)

- Opportunities for 3 or more vehicle types (6 points) Opportunities for 2 vehicle types (3 points)
 Opportunity for only 1 vehicle type (1 point) Land Manager has no legal OHV riding opportunity (No points)

4. Agency Contribution

Is the cost of OHV Program for Land Manager's most recent complete fiscal year (not to include Indirect Costs) greater than \$0?. If NO, then No points. Go to item #5. (Please select Yes or No) Yes No

If YES, enter cost of OHV Program for Land Manager's most recent complete fiscal year (not to include Indirect Costs): 681711

% Funded by OHV Trust Fund (do not include in-lieu funds): 1

(Check the one most appropriate) (Please select one from list)

- No OHV Trust Funds were used (6 points)
 10% or less of the program cost was from OHV Trust Fund (4 points)
 11% to 25% of the program cost was from OHV Trust Fund (3 points)
 26% to 50% of the program cost was from OHV Trust Fund (1 point)
 More than 50% of the program cost was from OHV Trust Fund (No points)

Reference Document

This answer is based on the Needles BLM FY09 OHMVR grant request which detailed the OHV program cost.

5. Project Performance

For Applicant's OHV grant Projects which reached the end of the Project performance period within the last two years, the percentage of all deliverables accomplished 5

(Check the one most appropriate) (Please select one from list)

- 100% of Deliverable accomplished (5 points)
 75% to 99% of Deliverables accomplished (3 points)
 Less than 75% of Deliverables accomplished (No points)
 First time Applicants and past Applicants with no active Grant projects within the last two years (2 points)

6. Previous Year Performance

In the previous year the Applicant has been responsive and communicated effectively with the assigned OHMVR Grant Administrator by phone, email or personal visit. 3

FOR DIVISION USE ONLY (Check the one most appropriate) (Please select one from list)

- In the previous year the Applicant has been responsive and communicated effectively with the assigned OHMVR Grant Administrator by phone, email or personal visit (3 points)
 First time Applicants and past Applicants with no active Grant projects within the last two years (2 points)
 In the previous year the Applicant has not been responsive (No points)

7. Prevention of OHV trespass

7. Prevention of OHV trespass - Fence (Page 1)

- a. Is site a completely fenced facility such that OHV trespass into neighboring properties and/or closed areas is prevented? 0

(Check the one most appropriate) (Please select one from list)

- No (answer items b and c) Yes (10 points, explain and then skip to item 8)

Explain 'Yes' response:

7. Prevention of OHV trespass - Patrol (Page 2)

- b. The majority of OHV Opportunity areas are patrolled (Check the one most appropriate) 5

(Check the one most appropriate) (Please select one from list)

- At least 5 days per week (5 points)
 At least once per week (3 points)
 At least once per month (1 point)
 Less than once per month (No points)

Explain patrol efforts (e.g., frequency of patrol, patrol personnel, percent of lands covered by patrols)

Typically, each officer is assigned to work a 10-hour shift per day and work four days each week. All work schedules include weekends as part of the normal assignments. This flexibility allows the officers to adjust their work hours in order to focus on the changing conditions of the resource, criminal activity, and permitted events. One of the NFO law enforcement division's goals is to take a proactive approach to detect and deter illegal OHV activity. One way that the division accomplishes this goal is to conduct high visibility patrols of the NFO's designated route system, recreation areas, wilderness areas, Areas of Critical Environmental Concern (ACEC), Desert Wildlife Management Areas (DWMA), and Special Recreation Permits on a daily basis.

7. Prevention of OHV trespass - Measures (Page 3)

- c. Measures to prevent OHV trespass into neighboring properties and/or closed areas 5

(Check all that apply) (Please select applicable values)

- Barriers and/or signing are used to prevent OHV trespass into neighboring properties and/or closed areas (3 points)
 Education programs, maps and/or brochures provided to the public address OHV trespass, including respect for private property (2 points)

Explain measures utilized to prevent OHV trespass into neighboring properties and/or closed areas

OHV use ethics is a central part of the NFO education program. The requirement to stay on designated routes and to respect and follow signs prohibiting the use of OHVs in areas closed to their use, is included in each education outreach program. Signs and barriers have been, and continue to be installed where monitoring indicates that OHV's are intruding into wilderness or other closed areas. Funding for these are provided from a variety of sources including OHMVR grants, volunteer groups, and federally appropriated funds.

8. OHV Education

8 OHV Education - Page 1

- a. Education materials available onsite 10

(Check all that apply) (Please select applicable values)

- Free literature is provided to visitors describing safe and responsible OHV recreational practices (5 points)
 Bulletin boards, signs or kiosks, at the majority of staging areas, trailheads, or other areas where the public gathers provide information concerning safe and responsible OHV Recreation (5 points)

- b. Applicant or Land Manager provides formal programs, educational talks, school field trips, etc. to the public to educate them on safe and responsible OHV recreational practices: 2

(Check the one most appropriate) (Please select one from list)

- 50 or more per year (3 points)
- 20 to 49 times per year (2 points)
- 5 to 19 times per year (1 point)
- Less than 5 times per year (No points)

8. OHV Education - Page 2

- c. When Facility is open, staff are available at trailheads, visitor centers and/or entrance stations to provide information on safe and responsible OHV use 5

(Check the one most appropriate) (Please select one from list)

- Daily (5 points)
- On all weekends (4 points)
- On the majority of weekends (2 points)
- On major holidays (1 points)
- None of the above (No points)

- d. ATV Safety Institute and/or Motorcycle Safety Foundation approved training courses are provided to the public: 0

(Check the one most appropriate) (Please select one from list)

- At least 30 times per year (5 points)
- 18-29 times per year (3 points)
- 4-17 times per year (1 points)
- Less than 4 times per year (No points)

Describe Land Manager's onsite education efforts relative to items a. - d.:

Free literature describing safe and responsible OHV practices, is provided to local visitors at the office and available during field contacts. Signs, kiosks, and brochures providing information concerning safe and responsible OHV Recreation, located in heavy OHV use areas, destination sites, trailheads, and where the public gather. The NFO provides formal education programs for cities, small communities, Native American tribes, and seasonal resorts in the eastern Mojave and along the California side of the Colorado River. The NFOs Desert Information Center is open and staffed from 7:30 AM to 4 PM Monday through Friday. Information on safe and responsible OHV use, brochures, and help is available. ATV Safety Institute and/or Motorcycle Safety Foundation approved training courses provided for BLM staff and volunteers only. However, the NFO is perusing a partnership with a non-profit group to provide this training to the public in the future. NFO field staff provides information during field contacts.

9. Website

- a. OHV outreach efforts are accomplished through the Land Manager's website 0

(Check the one most appropriate) (Please select one from list)

- No (skip to question 10)
- Yes (provide URL address and answer item b)

Provide URL address <http://www.blm.gov/ca/st/en/fo/needles.html>

- b. The Land Manager's website contains the following items 5

(Check all that apply) - Scoring: 1 point each up to a maximum of 5 points. (Please select applicable values)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Map to location | <input checked="" type="checkbox"/> Hours of operation | <input checked="" type="checkbox"/> Safety information |
| <input checked="" type="checkbox"/> Visitor facilities | <input checked="" type="checkbox"/> Contact information | <input checked="" type="checkbox"/> News releases |
| <input checked="" type="checkbox"/> Information on responsible riding | <input type="checkbox"/> Map of Facilities | <input type="checkbox"/> Fee schedule |
| <input checked="" type="checkbox"/> Seasonal restrictions | <input checked="" type="checkbox"/> Link to Division Website | <input checked="" type="checkbox"/> Law enforcement contact information |

10. OHV Outreach

Check all forms of OHV outreach the Applicant utilizes: 3

Scoring: 1 point each up to a maximum of 3 points. (Please select applicable values)

- Billboards
- CDs and/or DVDs
- Community meetings
- OHV dealers

- | | |
|---|---|
| <input checked="" type="checkbox"/> Fairs | <input checked="" type="checkbox"/> News releases |
| <input type="checkbox"/> Other (specify) | <input type="checkbox"/> Television |
| <input checked="" type="checkbox"/> Parades | <input type="checkbox"/> Radio |
| <input checked="" type="checkbox"/> Programs at schools | |

11. Natural and Cultural Resources

11. Natural and Cultural Resources - Page 1

- a. Is the Land Manager's OHV area a completely fenced track facility with little or no native vegetation?
0

(Check the one most appropriate) (Please select one from list)

- No (answer item b) Yes (5 points, explain and then skip to item 12)

Explain 'Yes' response

11. Natural and Cultural Resources - Page 2

- b. Resource Management Information System 5

Does the Land Manager maintain a management information system managed by qualified environmental staff that identifies and monitors the impacts of the OHV activity and contains at least the following:

- Ongoing survey/inventory of species
- Ongoing survey/inventory of archeological sites
- Biological monitoring that measures changes in populations
- Components that evaluate the effects of OHV recreation and related activity on the species;
- Recommendations for improvement in species management
- Strategies to respond to changing conditions that affect the survival or reproduction of species? (Please select one from list)

- No (No points) Yes (5 points)

Reference Document

The NFO manages the natural and cultural resources consistent with law regulation and policy, and specifically with in the guidance provided by the California Desert Conservation Area Plan as amended. The plan, as well as applicable law, regulation and policy requires the above. OHV use monitoring occurs continuously throughout the NFO. Actions, such as improved signing, education, fencing, barriers, and restoration are taken to correct identified problems. Additionally, the NFO prepared a Habitat Management Plan consistent with the OHMVR grant regulations as a part of this grant request.

12. Soil Management

12. Soil Management - Page 1

- a. Land Manager has developed a systematic methodology for evaluating soil conditions of its OHV Opportunities? 5

(Check the one most appropriate) (Please select one from list)

- No (No points) Yes (5 points)

Explain 'Yes' response In 2008, staff assessed route conditions utilizing the previous soil guidelines. In 2009, staff updated this process to reflect the new Soil Standards, and started collecting, compiling,

and recording data.

- b. Land Manager has developed methods to address soil issues? 5

(Check the one most appropriate) (Please select one from list)

- No (No points) Yes (5 points)

Explain 'Yes' response Concern areas, identified through the survey process, are reviewed by the Needles Resource Staff and appropriate actions are prescribed. Typically, problems have been corrected through signing and/or light trail maintenance.

12. Soil Management - Page 2

- c. Land Manager performs soil monitoring 0

(Check the one most appropriate) (Please select one from list)

- Monthly (3 points) After major rain events (2 points)
 Annually (No points)

13. Sound Level Testing

The Applicant or Land Manager conducts, or causes to be conducted, sound level testing 0

(Check only one if applicable) (Please select one from list)

- On most (50% or more) holidays and weekends (4 points)
 At least 25% but less than 50% of holidays and weekends (2 points)
 Less than 25% of holidays and weekends (No points)

Describe the sound testing program

The LE Branch has two sound testing meters which are kept in calibration. Generally, sound testing is provided on a voluntary basis and used as an educational contact. Rangers with the units will test apparent violators and cite as appropriate.