

Final Performance Report

Date Generated: March 10, 2014

COPY CA-W-77-D REGION 5 - HOLLENBECK CANYON & SAN FELIPE WAS - W

SAP/PO Number# SAMPLE1017

Mod Number- 0-BASE

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Grant Performance Snapshot

Grant Snapshot #SAMPLE1017 - COPY CA-W-77-D REGION 5 - HOLLENBECK CANYON & SAN FELIPE WAS - W

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Grant SAP/PO Number	SAMPLE1017
Grant Mod Number	0-BASE
Start Date	July 1, 2012
End Date	June 30, 2013

Grant Funds Allocated to Actions

Action	Action Category	Est. WSFR Fed Cost	Est. WSFR Non-Fed Match	Est. Total Amount
Final Project Performance Report 2012/2013	Facilities and Areas (Operations and Maintenance)	\$58,776	\$25,793	\$84,569
Final Performance Report 2012/2013	Facilities and Areas (Operations and Maintenance)	\$72,113	\$24,038	\$96,151
Totals		\$130,889	\$49,831	\$180,720

Project Statement Performance #60008353 - Hollenbeck Canyon Wildlife Area (HCWA)

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Project Name	BMP Wildlife Area O&M: CA-Hollenbeck Canyon Wildlife Area (HCWA)
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[\[View Project Details\]](#)

SMART Objectives - Purpose/Targets

Purpose/Target ID - Hollenbeck Canyon Wildlife Area

Purpose/Target Description	The Department's overall purpose for the HCWA is to enhance, manage and maintain 6,056 acres of shrubland, grassland, wetland/riparian, and upland woodland vegetation communities to benefit upland game, migratory birds, an important wildlife corridor, and state and federal listed plant and wildlife species. The Department also maintains managed croplands, public access facilities, and one state residence to protect and enhance the habitat values and to provide for compatible wildlife dependent public uses such as hunting, wildlife viewing and nature education. Maintenance of roads and trails, parking areas, and perimeter fencing is the primary goal to ensure the protection of the resources and safety of visitors.
Viability Status	Sustain
Viability Status Justification	Acquisition of the HCWA property was a unique opportunity to provide compatible wildlife- dependent recreation and to conserve, restore, and protect declining sensitive species and their associated habitats in one of the largest blocks of contiguous land available in San Diego County. The property is characterized by many natural communities (coastal sage scrub, chaparral, grasslands, wetlands, and woodlands) that function as valuable foraging and breeding habitat for numerous sensitive plant and animal species. The primary objective for this land acquisition was to conserve areas of high- and very high- quality habitat, including several areas occupied by endangered species, while providing compatible wildlife-dependent recreational opportunities to the public. Acquisition of HCWA conserved a large portion of the southern end of Hollenbeck Canyon along with Jamul Creek and the associated ridgelines, peaks, and linked unnamed canyons. In addition, acquisition ensured preservation of a large portion of an established north-south wildlife corridor along the entirety of Hollenbeck Canyon into Lyons Valley. Completing the acquisitions that formed HCWA ensured a functional connection to the Department's existing open space reserve (Rancho Jamul Ecological Reserve) immediately to the west, and the Bureau of Land Management's (BLM) Otay Mountain Wildlife Management Area and Wilderness Area immediately to the south. The contiguity provided by the acquisition of HCWA strengthens these core areas of largely undisturbed habitat and provides a source of plant and animal populations for maintaining healthy ecosystem functions throughout a large part of south-central San Diego County. On HCWA, the land acquisition provides compatible recreational opportunities to the public. (2008 CDFW Land Management Plan)

Directly Benefited Habitats

Habitat Name	Habitat Level	Parent Habitat
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Stream/Creek	2	RIVERINE
Urban	2	DEVELOPED
Mixed (Evergreen and Deciduous)	2	WOODLAND (variable, non-closed canopy; typically a mix of grass, forb and low shrub)
Meadows	2	GRASSLAND(temperate, non-desert)
Chaparral, Shrubland and Shrub Steppe	2	SHRUBLAND(temperate, non-desert)

Directly Benefited Species

Scientific Name	Common Name	Status
<i>Eumeces skiltonianus</i>	Western Skink	
<i>Puma concolor</i>	Puma, mountain lion, Cougar	
<i>Coleonyx variegatus</i>	Western Banded Gecko	
<i>Aquila chrysaetos</i>	Golden Eagle	
<i>Nyctinomops macrotis</i>	big free-tailed bat	
<i>Odocoileus hemionus</i>	mule deer	
<i>Accipiter cooperii</i>	Cooper's Hawk	
<i>Chaetodipus californicus</i>	California pocket mouse	
<i>Neotoma lepida</i>	desert woodrat	
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	
<i>Antrozous pallidus</i>	pallid bat	
<i>Circus cyaneus</i>	Northern Harrier	
<i>Haliaeetus leucocephalus</i>	Bald Eagle	
<i>Myotis yumanensis</i>	Yuma myotis	
<i>Nyctinomops femorosaccus</i>	pocketed free-tailed bat	
<i>Charina trivirgata</i>	Rosy Boa	
<i>Sialia mexicana</i>	Western Bluebird	
<i>Polioptila californica</i>	California Gnatcatcher	
<i>Elanus leucurus</i>	White-tailed Kite	
<i>Crotalus ruber</i>	Red Diamond Rattlesnake	
<i>Amphispiza belli</i>	Sage Sparrow	
<i>Cnemidophorus hyperythrus</i>	Orange-throated Whiptail	
<i>Lasiurus cinereus</i>	hoary bat	
<i>Dendroica petechia</i>	Yellow Warbler, American Yellow Warbler	
<i>Phrynosoma coronatum</i>	Coast Horned Lizard	
<i>Lepus californicus</i>	Black-tailed Jackrabbit, black-tailed jack rabbit	
<i>Lasiurus blossevillii</i>	western red bat	
<i>Chaetodipus fallax</i>	San Diego pocket mouse	
<i>Eumops perotis</i>	western mastiff-bat, western bonneted bat	
<i>Myotis evotis</i>	long-eared myotis	

Objectives

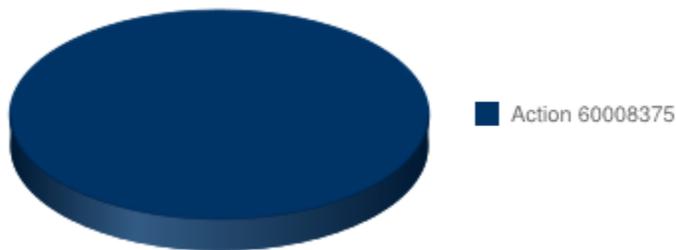
Objective ID - Fences

Objective Name	Fence Maintenance
Objective Statement	Approximately 28.5 miles of perimeter security fencing are maintained at the HCWA to prevent vehicle and livestock trespass. This fencing, along with existing access gates along State Route 94 will be repaired and/or replaced as damage occurs from vehicle accidents, vandalism or emergency vehicle and personnel entry. Removal of existing interior barbed wire fencing determined to be a hazard to wildlife and the public will be completed. Interior gate repair and/or replacement required for security will be undertaken. Fencing repair and replacement will be undertaken by WRA grant funded personnel and/or through vendor contracts.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
29	0	Miles of Fence Maintenance	June 30, 2013

% of Desired Output Reported by Action

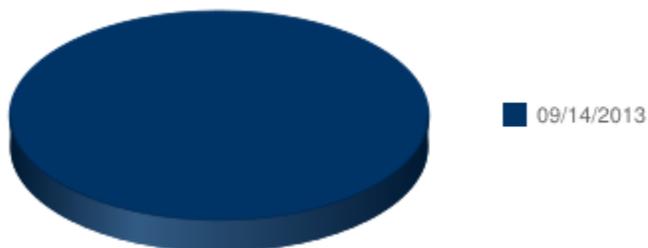


Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

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% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
September 14, 2013	29	Miles of Fence Maintenance	100%
	The 29 miles of existing fencing was surveyed and approximately 1,200 linear feet of boundary fencing was replaced and a new 15' gate was installed along SR-94.		

Results	This was a vital project to protect HCWA from trespass by off road vehicle violators, which often results from damage to fencing caused by accidents on the Highway. During the reporting period, replacement of aging fence materials along the boundary continued, as well as conducting repairs due to vehicle accidents and vandalism for obtaining illegal access. In addition, approximately 1,500 linear feet of fencing within the interior of the property was removed that was impeding wildlife movement.		
Significant Deviations	A new gate was constructed along SR-94		
Totals	29	Miles of Fence Maintenance	100%

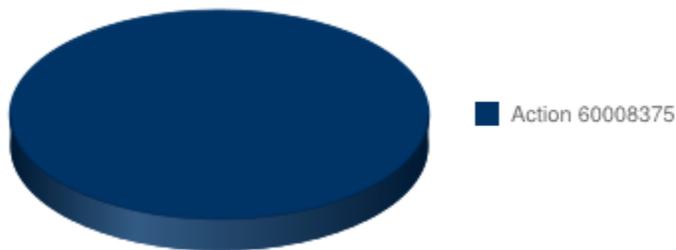
Objective ID - Roads

Objective Name	Public Use, Access Roads and Parking Lots
Objective Statement	There are approximately 24 miles of internal roads and trails as well as several small parking areas on HCWA which support maintenance and management activities. Existing roads and public parking areas would be maintained for safety and to assure use year round. As time permits, unwanted road segments will be made impassible by vehicles and manipulated to encourage natural re-vegetation. All work will occur during the non-nesting season (late summer through late winter) to avoid impacts to nesting species.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
24	0	Miles of Road Maintenance	June 30, 2013

% of Desired Output Reported by Action



Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



09/14/2013

Date Reported	Reported Value	Output	% of Desired Output
September 14, 2013	24	Miles of Road Maintenance	100%
Results	<p>Following winter rains, road maintenance in the form of weed control and minor erosion repair were required. As in previous years, the existing parking areas were maintained weed free to prevent fires, and graded smooth. Trash and debris were collected on a regular basis from the parking area and adjacent roads. Fencing material (field fence, metal T-posts and wood bracing posts) needed for the upkeep of these sites was purchased using grant funding. Labor was provided by the grant funded staff and non-funded volunteer assistance. The main parking area is in the process of being re-designed. Phase I has been completed. This included the installation of a new kiosk at the trail intake, expansion of the parking area, replacement of fence on the 3 internal sides of the parking area, and design of Phase II. The second phase will include the development of a separate entry and exit to the parking area, truck and trailer parking lanes for horse trailers, a re-design of the portable bathroom facility to meet ADA standards (concrete slab, new wooden panels for privacy, and improved access), and replacement of the outer fence. These efforts were implemented cooperatively by grant funded and non-grant funded staff and by Venture Scout volunteers. Materials for the project were provided through grant funding. Road improvement and maintenance of a ~ 4 mile road segment known as the Daley Truck Trail was implemented by CalFire in April 2013 at the request of DFW staff. The road improvement and maintenance project used non-Federal funds. In addition, the parking lot off Rancho Jamul Drive was rehabilitated by Venture Scout volunteers. The lot was cleared of weeds and DFW staff spent two days hauling approx. 40 cubic yards of decomposed granite (DG) from a DFW mine located at Rancho Jamul ER. This material was then spread by the Venture Scout volunteers. Fencing was then repaired along the perimeter of the parking lot. In addition, a kiosk was purchased and installed by the Venture Scout volunteers at this parking lot. Materials for the project were provided through grant funding.</p>		
Significant Deviations	None		
Totals	24	Miles of Road Maintenance	100%

Objective ID - Signage

Objective Name

Maintain Signs for Public Use

Objective Statement Numerous existing boundary, informational and directional signs are maintained and replaced, as needed, within the HCWA. Most of this work is done during the late winter and early summer months prior to the opening of fall hunting seasons and periods of increased public use.

Custom Qualitative Indicators

Custom Output	Deadline
Signage Maintained	June 30, 2013

Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

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Date Reported	September 14, 2013
Objective Achieved?	Yes
Results	Signs were replaced as needed for sun damage, vandalism or following vehicle accidents on the highway where fencing and signs were destroyed. Public hunting opportunities were provided by the Department through legalized hunts of upland game species (quail and dove), crow, and coyote which were noticed through posting of information on kiosks. Special closure areas to protect neighboring properties and provide refuge for wildlife were posted with signs, and enforced by Department Wardens. Unless otherwise noted, all labor was provided by the grant funded staff.
Significant Deviations	Two (2) new kiosks were purchased through grant funding, assembled and installed by Venture Scout volunteers.

Objective ID - Equipment Maintenance

Objective Name	Equipment Maintenance and Repairs
Objective Statement	Tractors, gators, chippers and other on-site mechanical equipment used on HCWA are regularly repaired and maintained. Routine maintenance activities are performed on-site while mechanical repairs are conducted at an authorized repair shop. Equipment parts and supplies are kept on-site and storage facilities are kept in a clean and organized condition. Many of the regularly used minor power equipment such as chain saws, weed whackers, etc. are aging and will likely need replacement during this grant funding cycle.

Custom Qualitative Indicators

Custom Output	Deadline
Equipment Maintained and Repaired	June 30, 2013

Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

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Date Reported September 14, 2013

Objective Achieved? Yes

Results Tractors, attachments, light equipment and tools were serviced and repaired as needed by project staff, both grant funded and department funded, to maintain operation of the equipment. Minor equipment such as chainsaws and weed whackers, fencing materials, hand tools and plumbing supplies routinely needed for upkeep of structures and grounds keeping were purchased and/or repaired using grant funding. Fuel was purchased for the tractor to prepare the soil, plant seed and mow the fields for wildlife usage.

Significant Deviations None

Objective ID - Habitat Management

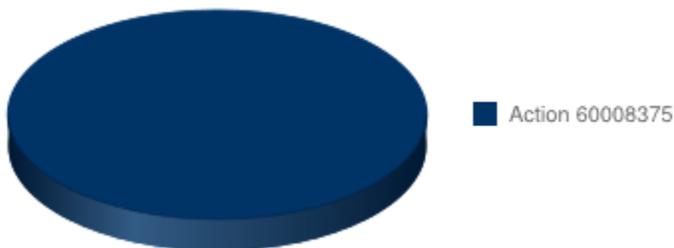
Objective Name Habitat Management for Recreational Hunting

Objective Statement Hand and mechanical weed abatement will continue in areas that are infested with noxious weeds to encourage re-vegetation of native plant species. Weed abatement is conducted during the fall and winter months in order to avoid wildlife breeding seasons and to remove weeds before they flower and set seed. Mechanical weed abatement includes mowing and weed whacking. Staff at HCWA will continue to actively manage up to 100 acres of non-native grassland in the western portion of HCWA for conversion to native grassland. Management will include experimental designs using a combination of grazing, controlled burns, thatch removal, seeding, or other techniques. In addition, maintenance of a 50 acre non-native grassland area by sowing cereal wheat to attract doves for hunting will continue.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
100	0	Acres of Habitat Management for Hunting	June 30, 2013

% of Desired Output Reported by Action

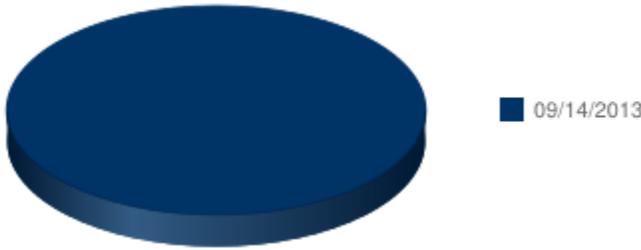


Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
September 14, 2013	100	Acres of Habitat Management for Hunting	100%
Results	A large field (~40 ac) was again prepared as part of the annual hunting opportunity improvements at the wildlife area. Approximately 2,500 lbs. of wheat was planted to support dove hunting activity. This field is annually strip-mowed in August to provide food and cover during fall/ winter. Following the winter rains, the field is disked and again planted with wheat. Illegal range/target material was removed from the property. Labor was provided by the grant funded and non-federally funded staff and volunteers. Planning efforts are continuing on the construction and installation of 2-3 covey centers including a water source to improve habitat (thus hunting opportunities) for quail. Once the well at Thometz Field is repaired (see below), wildlife drinkers/guzzlers will be installed to provide additional water sources for native wildlife including upland game species.		
Significant Deviations	None		
Totals	100	Acres of Habitat Management for Hunting	100%

Objective ID - Water Source Improvements

Objective Name Water Source Improvements

Objective Statement There are seven wells within HCWA that can supply water to wildlife. New drinkers are proposed for installation at HCWA at or just above ground level to allow use by deer, upland game, migratory birds, and herptofauna. Large mammals such as mule deer and mountain lions as well as upland and non-game species have been documented using these refurbished systems. Wells will be maintained to ensure sufficient water for wildlife during the summer months. Maintenance activities undertaken at water sources include hand and mechanical weed abatement, pipeline repair/replacement, removal of wildlife hazards, and monitoring of water source integrity. The repair of pump mechanisms and general maintenance at HCWA will be a priority activity for WRA grant funding. However, due to funding

limitations, needed repair and replacement of pump system parts has not been undertaken resulting in diminished or no water flow to associated wildlife drinkers.

Custom Qualitative Indicators

Custom Output	Deadline
Water Source Improvements	June 30, 2013

Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

Date Reported	September 14, 2013
Objective Achieved?	Yes
Results	Drinkers were maintained to provide water for wildlife during the dry season and are fed from the existing wells. Grant funding was used to pay the electricity costs of pumping the various existing wells. All labor is provided by the grant funded staff and volunteers. The irrigation well located at Thometz Field, which was damaged during the 2007 wildfire, was assessed for rehabilitation utilizing funds received by a local sportsman's group. Utilizing additional private grant funding, this well is scheduled to be repaired in the fall 2013 in an effort to re-establish irrigation to the above wheat field. Approval to rehabilitate the well by DFW engineering department at HQ has been acquired.
Significant Deviations	None

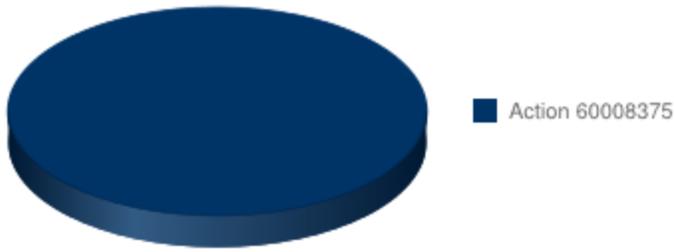
Objective ID - Quail Covey Centers

Objective Name	Design (3) Quail Covey Centers
Objective Statement	Staff is currently working on designs for three (3) quail covey centers at HCWA (see attached map). These centers will provide/maintain natural and/or appropriate man made water sources, escape and roosting cover, and an understory of forbs and grasses with particular emphasis on seed-set and dispersal by managing natural vegetation and/or use of artificial escape and roosting structures and brush piles. This project is scheduled for completion in 2013.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
3	0	Quail Covey Center Designs	June 30, 2013

% of Desired Output Reported by Action

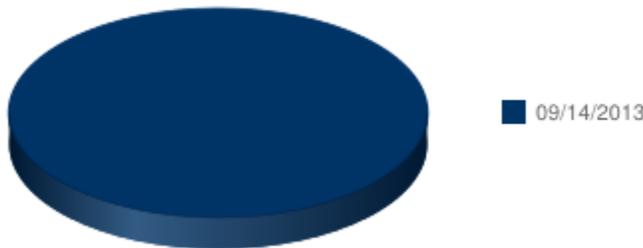


Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
September 14, 2013	3	Quail Covey Center Designs	100%
Results	Planning efforts are continuing on the construction and installation of 2-3 covey centers including a water source to improve habitat (thus hunting opportunities) for quail.		
Significant Deviations	None		
Totals	3	Quail Covey Center Designs	100%

Objective ID - Signage for Lyons Vista Parcel

Objective Name Install Signage for Lyons Vista Parcel
 Objective Statement Signage for the newly acquired Lyons Vista parcel (563 acres) is currently being undertaken.

Custom Qualitative Indicators

Custom Output	Deadline
Install Signage for Lyons Vista Parcel	June 30, 2013

Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

Date Reported September 14, 2013

Objective Achieved? Yes

Results Signage was installed at the newly acquired Lyon's Vista parcel, and a meeting with neighbors of newly acquired Lyons Vista parcel was held to discuss management issues and concerns.

Significant Deviations None

Objective ID - Inventory, Survey Research

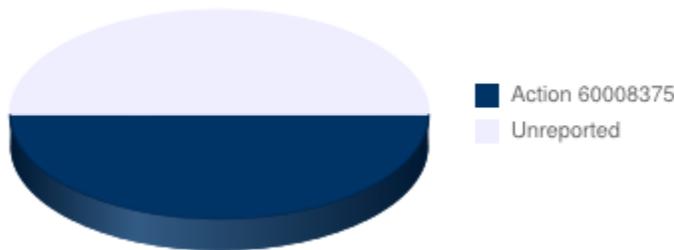
Objective Name Inventory, Survey and Research

Objective Statement One quail and dove survey on the new Lyons Vista parcel is proposed and another survey by State university graduate students for species surveys, including federally listed Quino checkerspot butterfly (Euphydryas editha quino) and federal candidate species Hermes copper butterfly is proposed.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
2	0	Species Surveys	June 30, 2013

% of Desired Output Reported by Action

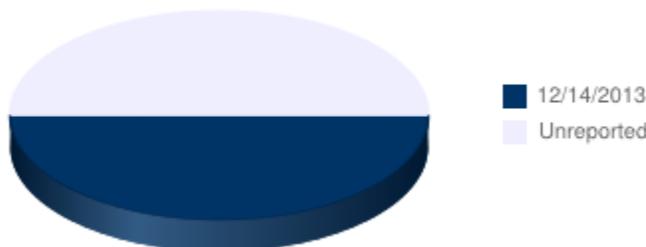


Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
December 14, 2013	1	Species Surveys	50%
	Due to lack of staff time, the proposed quail and dove survey was not conducted on the newly acquired Lyons Vista Parcel. Although, state university graduate		

Results	students conducted additional sensitive species surveys, including federally listed Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) in the study area and federal candidate species Hermes copper butterfly		
Significant Deviations	Due to lack of staff time, the proposed quail and dove survey was not conducted on the newly acquired Lyons Vista Parcel.		
Totals	1	Species Surveys	50%

Objective ID - Building Maintenance

Objective Name	Building Maintenance
Objective Statement	Buildings, including office, storage and hunter check stations, will be maintained.

Custom Qualitative Indicators

Custom Output	Deadline
Building Maintenance	June 30, 2013

Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

Date Reported	September 14, 2013
Objective Achieved?	Yes
Results	During the reporting period fire clearance around the residence was completed.
Significant Deviations	None

Objective ID - Toilet Trash Maintenance

Objective Name	Toilet and Trash Maintenance
Objective Statement	Three public restrooms will be cleaned and maintained for visitors. A new public toilet will be installed on a concrete slab for the Honey Springs Unit. Trash will be collected on a regular basis and illegal dumping sites will be hauled away.

Custom Qualitative Indicators

Custom Output	Deadline
Toilet and Trash Maintenance	June 30, 2013

Addressing Actions

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

Date Reported	September 14, 2013
Objective Achieved?	Yes
Results	Trash and debris were collected on a regular basis and illegal dumping sites were cleaned and trash hauled away by grant funded staff. As described above, the new portable toilet will be re-positioned on a concrete slab to improve access and

maintenance at the Honey Springs Road parking lot for HCWA as part of Phase II of the parking lot re-design project.

Significant Deviations None

Project Statement Performance #60016641 - CA-San Felipe Valley Wildlife Area

[\[View Statement Details\] \[top\]](#)

Project Name BMP Wildlife Area O&M: CA-San Felipe Valley Wildlife Area (SFWA)

[\[View Project Details\]](#)

SMART Objectives - Purpose/Targets

Purpose/Target ID - San Felipe Valley Wildlife Area

Purpose/Target Description	The Department’s overall purpose for the SFVWAC is to enhance and maintain 17,794 acres of riparian woodland, oak woodland, mixed hardwood-conifer forest, and native grassland vegetation communities to benefit mule deer, upland game, waterfowl, migratory birds, and state and federal listed plant and wildlife species. Also, the Department will maintain support facilities and equipment necessary to protect and enhance wildlife values and to provide for compatible wildlife associated public uses such as hunting, scientific research, wildlife viewing, and nature education.
Viability Status	Sustain
Viability Status Justification	Among many of the Department’s goals for management of the WA for the benefit of game species are to: <ul style="list-style-type: none"> • Preserve and enhance mule deer foraging and fawning habitats in the WA; • Maintain mule deer access to and movement along riparian corridors, the valley floor, and higher elevation habitats in the WA; • Manage the size and health of the mule deer population through a combination of conservation actions and authorized hunting; • Maintain self-sustaining populations of native upland bird and small game species in the WA; • Enhance habitat to increase carrying capacity for native upland and small game species; and • Maintain the WA’s function as foraging and sheltering habitat and a flyway for migratory bird game species.

Indirectly Benefited Habitats

Habitat Name	Habitat Level	Parent Habitat
Chaparral, Shrubland and Shrub Steppe	2	SHRUBLAND(temperate, non-desert)
Stream/Creek	2	RIVERINE
Mixed (Evergreen and Deciduous)	2	WOODLAND (variable, non-closed canopy; typically a mix of grass, forb and low shrub)

Indirectly Benefited Species

Scientific Name	Common Name	Status
Puma concolor	Puma, mountain lion, Cougar	

Lepus californicus	Black-tailed Jackrabbit, black-tailed jack rabbit	
Anniella pulchra	California Legless Lizard	
Campylorhynchus brunneicapillus	Cactus Wren	
Vireo bellii	Bell's Vireo	
Caulanthus simulans	Payson's wild cabbage, Payson's jewelflower	
Chaetodipus californicus	California pocket mouse	
Plecotus townsendii	Townsend's big-eared bat	
Dudleya saxosa		
Odocoileus hemionus	mule deer	
Phrynosoma coronatum	Coast Horned Lizard	
Salvadora hexalepis	Western Patch-nosed Snake	
Accipiter cooperii	Cooper's Hawk	
Quercus engelmannii	Engelmann's oak	
Hulsea californica	San Diego alpinegold	

Objectives

Objective ID - New Access Gates

Objective Name	New Access Gates
Objective Statement	A priority outside of regular maintenance is the replacement of two access gates and fencing on the Oak Grove unit to improve site security along State Highway 79. The existing light-weight chain-link gates will be replaced with large diameter pipe gates that will also include pipe revetments to the sides of adjacent fencing. All proposed work will be conducted within the existing gate/fence alignment and will incorporate boundary and public information signage.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
2	0	Number of New Gates	June 30, 2013

% of Desired Output Reported by Action



Addressing Actions

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
September 14, 2013	0	Number of New Gates	0%
Totals	0	Number of New Gates	0%

Objective ID - Building Maintenance

Objective Name	Building Maintenance
Objective Statement	SFVWA contains a storage barn with enclosed office and water well system. Replacement of the barn roof and refurbishment of the office were recently undertaken; however, minor finish work and painting still need to be completed. WRA grant funding will be used to purchase required supplies to complete repair work. Two 8X20 foot roll-up doors on the storage barn have previously been identified for repair but work has yet to be accomplished. A priority facility maintenance activity is the repair of the roll-up doors through a vendor contract.

Custom Qualitative Indicators

Custom Output	Deadline
Maintain Buildings	June 30, 2013

Addressing Actions

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

Date Reported	September 14, 2013
Objective Achieved?	Yes

Objective ID - Public Use, Access Roads and Parking Lots

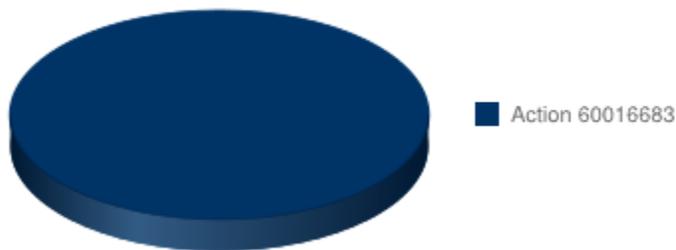
Objective Name	Public Use, Access Roads and Parking Lots
Objective Statement	There are approximately 35 miles of internal roads on SFVWAC which support maintenance and management activities as well as several small parking areas on SFVWA. Existing roads and public parking areas would be maintained for safety and to assure use year round. As time permits, unwanted road segments will be made impassible by vehicles and manipulated to encourage natural re-vegetation. All work will occur during the non-nesting season (late summer through late winter) to avoid impacts to nesting species. Pedestrian access will be improved along County Highway S-2 at the SFVWA unit. Staff

will identify appropriate locations along the existing Highway S-2 fence line where pedestrian openings can be installed to allow for safe public access. New access points will be created by installing narrow H-brace openings or gates made of metal pipe to facilitate easy public access while retaining security against vehicle trespass. All work will be done within the alignment of the existing fence and adjacent to the highway right-of-way.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
35	0	Maintain 35 miles of Roads	June 30, 2013

% of Desired Output Reported by Action

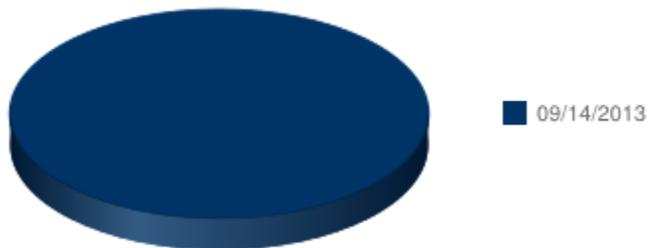


Addressing Actions

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
September 14, 2013	35	Maintain 35 miles of Roads	100%
Totals	35	Maintain 35 miles of Roads	100%

Objective ID - Signs for Public Use

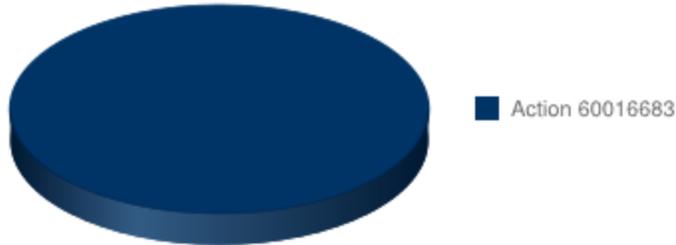
Objective Name Signs for Public Use

Objective Statement Approximately 200 existing boundary, informational and directional signs are maintained and replaced, as needed, within the SFVWAC. Most of this work is done during the late winter and early summer months prior to the opening of fall hunting seasons and periods of increased public use.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
200	0	Maintain 200 signs	June 30, 2013

% of Desired Output Reported by Action

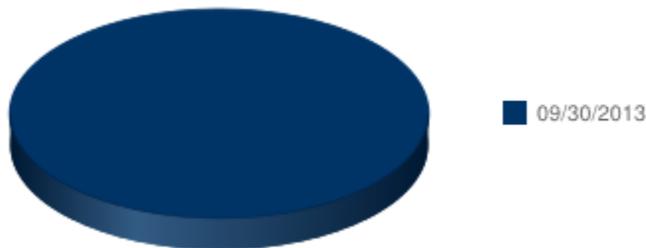


Addressing Actions

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
September 30, 2013	200	Maintain 200 signs	100%
Totals	200	Maintain 200 signs	100%

Objective ID - Equipment Maintenance and Repairs

Objective Name	Equipment Maintenance and Repairs
Objective Statement	Tractors, gators, chippers and other on-site mechanical equipment used on SFVWAC are regularly repaired and maintained. Routine maintenance activities are preformed on-site while mechanical repairs are conducted at an authorized repair shop. Equipment parts and supplies are kept on-site and storage facilities are kept in a clean and organized condition. Many of the regularly used minor power equipment such as chain saws, weed whackers, etc. are aging and will likely need replacement during this grant funding cycle.

Custom Qualitative Indicators

Custom Output	Deadline
Maintain Equipment	June 30, 2013

Addressing Actions

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

Date Reported September 14, 2013

Objective Achieved? Yes

Objective ID - Habitat Maintenance for Recreational Hunting

Objective Name Habitat Maintenance for Recreational Hunting

Objective Statement Hand and mechanical weed abatement will continue in areas that are infested with noxious weeds to encourage re-vegetation of native plant species. Weed abatement is conducted during the fall and winter months in order to avoid wildlife breeding seasons and to remove weeds before they flower and set seed. Mechanical weed abatement includes mowing and weed whacking.

Custom Qualitative Indicators

Custom Output	Deadline
Weed Abatement	June 30, 2013

Addressing Actions

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

Date Reported September 14, 2013

Objective Achieved? Yes

Objective ID - Water Source Improvements

Objective Name Water Source Improvements

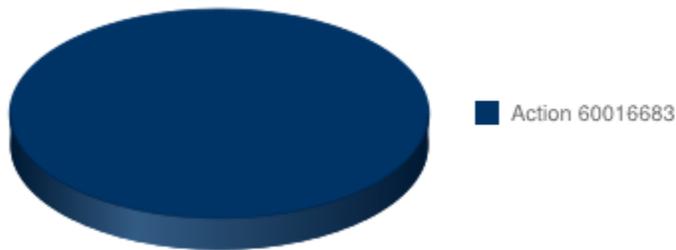
Objective Statement SFVWA has six active windmills that supply water to wildlife and are all being retrofitted with wildlife friendly water drinkers. The new drinkers are installed at or just above ground level to allow use by deer, upland game, migratory birds, and herptofauna. New watering devices are placed in the same location as the cisterns and troughs being replaced to avoid additional site disturbance. Large mammals such as mule deer and mountain lions as well as upland and non-game species have been documented using these refurbished systems. Windmills will be maintained to ensure sufficient water for wildlife during the summer months. SFVWAC has numerous natural springs which have been modified by previous land owners to benefit domestic livestock. These springs will be maintained and modified as needed to ensure safe use by wildlife. Maintenance activities undertaken at water sources include hand and mechanical weed abatement, pipeline repair/replacement, removal of wildlife hazards, and monitoring of water source integrity. The repair of windmill pump mechanisms and general maintenance on four of the six windmills at SFVWA will be the priority activity for WRA grant funding. Repair and/or replacement of motors, fan blades, maintenance platforms, and water transport piping to external tanks

on these windmills were previously undertaken. However, due to funding limitations needed repair and replacement of pump system parts was not undertaken resulting in diminished or no water flow to associated wildlife drinkers. All work including the temporary storage of materials and equipment will occur within existing windmill site footprints. The two remaining windmills are in working order but require installation of water tank stands and replacement of existing cattle troughs with wildlife drinkers.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
6	0	Water Srouces Maintained	June 30, 2013

% of Desired Output Reported by Action

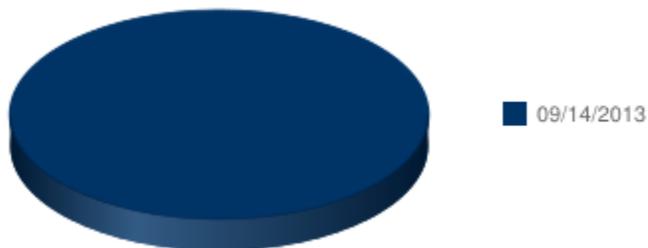


Addressing Actions

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

% of Desired Output by Date



Date Reported	Reported Value	Output	% of Desired Output
September 14, 2013	6	Water Srouces Maintained	100%
Totals	6	Water Srouces Maintained	100%

Appendix A: Grant Details

Grant Details #SAMPLE1017 - COPY CA-W-77-D REGION 5 - HOLLENBECK CANYON & SAN FELIPE WAS - W

[\[top\]](#)

Grant SAP/PO Number SAMPLE1017

Grant Mod Number 0-BASE
 Recipient State California
 Start Date July 1, 2012
 End Date June 30, 2013

Grant Programs

Program	Est. WSFR Fed Cost	Est. WSFR Non-Fed Match
Wildlife Restoration Grants	\$149,492	\$49,831
Totals	\$149,492	\$49,831

Grantors U.S. Fish and Wildlife Service,
 U.S. Fish and Wildlife Service
 Agency Grantees California Department of Fish and Wildlife

Appendix B: Project Statement Details

Project Snapshot #60007569 - BMP Wildlife Area O&M: CA-Hollenbeck Canyon Wildlife Area (HCWA)

[\[View Project Details\] \[top\]](#)

Primary Agency California Department of Fish and Wildlife
 Start Date July 1, 2012
 End Date June 30, 2013
 Project Categories Conservation/Management,
 Recreation,
 Administration

Project Statement Details #60008353 - Hollenbeck Canyon Wildlife Area (HCWA)

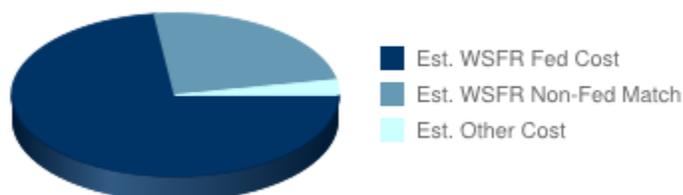
[\[top\]](#)

Properties

Is Revision? No
 Grant Programs Wildlife Restoration Grants

Project Statement Cost Breakdown	Estimated WSFR Federal Cost:	\$72,113
	Estimated WSFR Non-Federal Match:	\$24,038
	Estimated Other Cost:	\$2,825
	Total Estimated Cost:	\$98,976

Cost Breakdown Graph



Need Statement

The Department has continued to expand the HCWA through additional acquisitions and has increased hunting and other wildlife dependent use opportunities for the public. In order to meet Department and HCWA management and public use goals, a stable funding source such as the Wildlife Restoration Act (WRA) is needed. The WRA grant will provide the primary source of funding to support and/or implement projects that conserve and enhance upland game, and listed species habitats and that provide for public use opportunities.

Approach

The Department will use WRA funds on the HCWA to implement habitat management and facilities maintenance activities. These activities will be completed primarily by one Fish and Wildlife Technician (FWT), consistent with the HCWA Land Management Plan (LMP) and Department's annual work plans. Non-federal fund sources will also be utilized to augment WR grant funding for temporary help, equipment purchases, equipment maintenance and the management activities described below.

A. Facility and Road Maintenance

1. Fence Maintenance

Approximately 28.5 miles of perimeter security fencing are maintained at the HCWA to prevent vehicle and livestock trespass. This fencing, along with existing access gates along State Route 94 will be repaired and/or replaced as damage occurs from vehicle accidents, vandalism or emergency vehicle and personnel entry. Removal of existing interior barbed wire fencing determined to be a hazard to wildlife and the public will be completed. Interior gate repair and/or replacement required for security will be undertaken. Fencing repair and replacement will be undertaken by WRA grant funded personnel and/or through vendor contracts.

2. Public Use, Access Roads and Parking Lots

There are approximately 24 miles of internal roads and trails as well as several small parking areas on HCWA which support maintenance and management activities. Existing roads and public parking areas would be maintained for safety and to assure use year round. As time permits, unwanted road segments will be made impassible by vehicles and manipulated to encourage natural re-vegetation. All work will occur during the non-nesting season (late summer through late winter) to avoid impacts to nesting species. Pedestrian access will be improved along SR-94. Staff will identify appropriate locations along the existing SR-94 fence line where pedestrian openings can be installed to allow for safe public access. New access points will be created by installing narrow H-brace openings or gates made of metal pipe to facilitate easy public access while retaining security against vehicle trespass. All work will be done within the alignment of the existing fence and adjacent to the highway right-of-way.

3. Building Maintenance

The wildlife area contains 1 resident house, 1 office buildings, 2 shop buildings, 1 hunter check stations, plus 3 public restrooms on the wildlife area. Minor maintenance and repairs will be done as needed this year.

B. Visitor and Recreation Management

1. Signs for Public Use

Numerous existing boundary, informational and directional signs are maintained and replaced, as needed, within the HCWA. Most of this work is done during the late winter and early summer months prior to the opening of fall hunting seasons and periods of increased public use.

2. Toilet and Trash Maintenance

Three public restrooms will be cleaned and maintained for visitors. A new public toilet will be installed on a concrete slab for the Honey Springs Unit. Trash will be collected on a regular basis and illegal dumping sites will be hauled away.

C. Equipment Maintenance and Repairs

Tractors, gators, chippers and other on-site mechanical equipment used on HCWA are regularly repaired and maintained. Routine maintenance activities are performed on-site while mechanical repairs are conducted at an authorized repair shop. Equipment parts and supplies are kept on-site and storage facilities are kept in a clean and organized condition. Many of the regularly used minor power equipment such as chain saws, weed whackers, etc. are aging and will likely need replacement during this grant funding cycle.

D. Inventory, Surveys, and Research

A quail and dove survey is proposed on the newly acquired Lyons Vista Parcel. Also, state university graduate students conducted additional sensitive species surveys, including federally listed Quino checkerspot butterfly (*Euphydryas editha quino*) in the study area and federal candidate species Hermes copper butterfly.

E. Habitat Management

1. Habitat Maintenance for Recreational Hunting

Hand and mechanical weed abatement will continue in areas that are infested with noxious weeds to encourage re-vegetation of native plant species. Weed abatement is conducted during the fall and winter months in order to avoid wildlife breeding seasons and to remove weeds before they flower and set seed. Mechanical weed abatement includes mowing and weed whacking. Staff at HCWA will continue to actively manage up to 100 acres of non-native grassland in the western portion of HCWA for conversion to native grassland. Management will include experimental designs using a combination of grazing, controlled burns, thatch removal, seeding, or other techniques. In addition, maintenance of a 50 acre non-native grassland area by sowing cereal wheat to attract doves for hunting will continue.

2. Water Source Improvements

There are seven wells within HCWA that can supply water to wildlife. New drinkers are proposed for installation at HCWA at or just above ground level to allow use by deer, upland game, migratory birds, and herptofauna. Large mammals such as mule deer and mountain lions as well as upland and non-game species have been documented using these refurbished systems. Wells will be maintained to ensure sufficient water for wildlife during the summer months. Maintenance activities undertaken at water sources include hand and mechanical weed abatement, pipeline repair/replacement, removal of wildlife hazards, and monitoring of water source integrity. The repair of pump mechanisms and general maintenance at HCWA will be a priority activity for WRA grant funding.

However, due to funding limitations, needed repair and replacement of pump system parts has not been undertaken resulting in diminished or no water flow to associated wildlife drinkers.

Expected Results

Improved habitat quality (forage, nesting, breeding, and cover) and reliable water sources for game and non-game species on the HCWA will occur through the undertaking of restoration and enhancement projects. WRA grant funding will support dedicated staff, materials and equipment necessary to maintain area security assuring protection of wildlife habitat and species values. Wildlife dependent public use opportunities and access to the HCWA will be maintained and enhanced. WRA grant funds will ensure continued management of important and diverse habitat types to maintain and, to the extent feasible increase populations of game, non-game, migratory, and threatened and endangered species. Improved habitat quality (forage, nesting, breeding, and cover) and reliable water sources for game and non-game species on the HCWA will occur through the undertaking of restoration and enhancement projects. WRA grant funding will support dedicated staff, materials and equipment necessary to maintain area security assuring protection of wildlife habitat and species values. Wildlife dependent public use opportunities and access to the HCWA will be maintained and enhanced. WRA grant funds will ensure continued management of important and diverse habitat types to maintain and, to the extent feasible increase populations of game, non-game, migratory, and threatened and endangered species.

General

ENVIRONMENTAL COMPLIANCE INFO: Listed, Proposed, and Candidate Species Present or Potentially Present on HCWA:

California gnatcatcher (FT), Quino checkerspot (FE), and San Diego thornmint (FT, SE). Federal Endangered Species Act:

Pursuant to the Federal ESA, USFWS has regulatory authority over projects that may affect the continued existence of a federally-listed terrestrial species. Under the ESA, a permit to “take” a listed species is required for any project that may harm or harass an individual of that species. Section 10 of the ESA governs the process for take permits with strictly non-federal projects.

Take is defined under Section 9 of the ESA as killing, harming, or harassment. Under federal regulation, take is further defined to include habitat modification or degradation where it would be expected to result in death or injury to wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or sheltering.

The Department has made the determination that proposed projects will not negatively affect the continued existence of any federally-listed species. Work performed within all special status species habitat will occur outside of the breeding and nesting season. To ensure that no adverse effects to listed species occur from enhancement and restoration projects, the Department will consult with the U.S. Fish and Wildlife Service prior to implementation of projects as needed to insure the protection of all listed species and their habitats.

As the management needs for listed species change through implementation of various projects, it may be necessary to modify existing management schemes to maintain and/or increase listed species values. Vegetation mapping and focused species inventories will be used to gauge the effectiveness of management actions and to determine what, if any modifications to those actions are warranted.

Depending on the results of those efforts, additional Section 7 ESA consultation may be necessary.

Critical Habitat:

Section 4(a)(3)(A) of the Endangered Species Act (ESA) requires that, to the extent prudent and determinable, critical habitat be designated concurrently with the listing of a species. Section 3(5) of the ESA defines critical habitat, in part, as areas within the geographical area occupied by the species “on which are found those physical and biological features (I) essential to the conservation of the species and (II) which may require special management considerations and protection.” and (III) specific areas outside the geographical area occupied by a species at the time it is listed, upon determination that such areas are essential for the conservation of the species.” The ESA requires the USFWS to designate critical habitat to the maximum extent prudent and determinable concurrently with listing a species as endangered or threatened. Therefore, critical habitat is the geographic area and habitat functions necessary for the recovery of the species.

No direct/indirect destruction or adverse modification of any designated critical habitat is proposed and no primary constituent elements (essential to the conservation of the species) as designated by the USFWS for the various species will be negatively impacted.

Jurisdictional Waters of the United States Including Wetlands:

Determinations of jurisdictional limits are based on the January 9, 2001, U.S. Supreme Court decision in *Solid Waste Agency of Northern Cook County (SWANCC) vs. United States Army Corps of Engineers (ACOE)*, [121 S.Ct. 675, 2001], which affected Corps jurisdictions over isolated waters. Guidance on waters that are non-navigable, isolated, and intrastate was published on January 19, 2001, by the Counsel for the Environmental Protection Agency and the ACOE.

The 1987 ACOE Manual includes two methods for determining wetland boundaries: the routine method and the comprehensive method. The routine delineation method involves a field visit where existing conditions are observed and indicators of wetland vegetation, hydric soils, and wetland hydrology are noted and mapped on an aerial photograph. The comprehensive delineation method involves the analysis of vegetation, soils, and hydrology along a number of transects randomly distributed along a main transect that parallels the project site. The routine method of wetland delineation shall be used for any wetland delineation conducted as part of any proposed project. If work is proposed to occur within the ordinary high water mark or any wetland for any project, an ACOE 404 shall be obtained.

State Historic Preservation Act:

It is the Department’s policy to preserve, protect, and maintain cultural and historic resources found on its properties. The preservation, protection, and management of cultural resources will be done in accordance with State and Federal laws and in consultation with the State Historic Preservation Officer.

In 2002, prior to development of the Hollenbeck Canyon Wildlife Area Land Management Plan, (HCWA LMP), a Cultural Resource Management Plan (CRMP) was prepared by professional archaeologist Dr. Susan Hector. The CRMP includes avoidance and protection treatments for 43

identified cultural sites, as well as guidance on treatment of newly identified sites. The LMP incorporated the CRMP and other cultural resource identification/protection documents drafted to date as a plan element. In accordance with the LMP and incorporated CRMP, public use facilities have been located in areas that were surveyed and found not to contain cultural resources. All work conducted under the WRA grant at HCWA will be undertaken in strict accordance with the LMP. The location of all cultural sites is confidential and the individual sites are protected from vandalism and disturbance. During habitat enhancement and facility repair and maintenance activities, all known adjacent archaeological sites will be avoided. Prior to developing new facilities, the proposed project area will be surveyed by a qualified professional archaeologist to determine the presence and limits of any previously unidentified cultural or historic site. If additional resources are detected, they will be identified and recorded and measures taken to assure that impacts are avoided.

REFERENCES:

-August 2008, Hollenbeck Canyon Wildlife Area, Land Management Plan

Useful Life

Proposed habitat management, facilities maintenance, and water restoration/enhancement projects described above do not constitute capital improvements and there are no capital improvements with a value of greater than \$10,000 planned or proposed.

Program Income

See attached budget. Approximately \$2,825 is expected to be generated from housing rental on the wildlife area.

Multipurpose Projects

The proposed grant funded project does not involve multi-purpose funding.

Relationship with Other Grants

No other federal or state grants are or will be in place for HCWA during the 2012-13 grant cycle.

Timeline

- Facility and Road Maintenance will be conducted throughout the grant period as weather conditions permit.
- Visitor and Recreation Management / Signage will occur throughout the grant period, but most work is done during late winter and early summer months prior to the opening of the fall hunting seasons and periods of increased public use.
- Equipment Maintenance and Repairs will be conducted throughout the grant period as needed.
- Habitat Management and Water Source Improvements activities will be conducted throughout the grant period as weather conditions permit and habitat conditions necessitate. Weed abatement is usually conducted in the fall and winter months.

SMART Objectives - Purpose/Targets

Purpose/Target ID - Hollenbeck Canyon Wildlife Area

Purpose/Target Description	The Department's overall purpose for the HCWA is to enhance, manage and maintain 6,056 acres of shrubland, grassland, wetland/riparian, and upland woodland vegetation communities to benefit upland game, migratory birds, an important wildlife corridor, and state and federal
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listed plant and wildlife species. The Department also maintains managed croplands, public access facilities, and one state residence to protect and enhance the habitat values and to provide for compatible wildlife dependent public uses such as hunting, wildlife viewing and nature education. Maintenance of roads and trails, parking areas, and perimeter fencing is the primary goal to ensure the protection of the resources and safety of visitors.

Viability Status

Sustain

Viability Status

Justification

Acquisition of the HCWA property was a unique opportunity to provide compatible wildlife- dependent recreation and to conserve, restore, and protect declining sensitive species and their associated habitats in one of the largest blocks of contiguous land available in San Diego County. The property is characterized by many natural communities (coastal sage scrub, chaparral, grasslands, wetlands, and woodlands) that function as valuable foraging and breeding habitat for numerous sensitive plant and animal species. The primary objective for this land acquisition was to conserve areas of high- and very high- quality habitat, including several areas occupied by endangered species, while providing compatible wildlife-dependent recreational opportunities to the public. Acquisition of HCWA conserved a large portion of the southern end of Hollenbeck Canyon along with Jamul Creek and the associated ridgelines, peaks, and linked unnamed canyons. In addition, acquisition ensured preservation of a large portion of an established north-south wildlife corridor along the entirety of Hollenbeck Canyon into Lyons Valley. Completing the acquisitions that formed HCWA ensured a functional connection to the Department’s existing open space reserve (Rancho Jamul Ecological Reserve) immediately to the west, and the Bureau of Land Management’s (BLM) Otay Mountain Wildlife Management Area and Wilderness Area immediately to the south. The contiguity provided by the acquisition of HCWA strengthens these core areas of largely undisturbed habitat and provides a source of plant and animal populations for maintaining healthy ecosystem functions throughout a large part of south-central San Diego County. On HCWA, the land acquisition provides compatible recreational opportunities to the public. (2008 CDFW Land Management Plan)

Directly Benefited Habitats

Habitat Name	Habitat Level	Parent Habitat
Stream/Creek	2	RIVERINE
Urban	2	DEVELOPED
Mixed (Evergreen and Deciduous)	2	WOODLAND (variable, non-closed canopy; typically a mix of grass, forb and low shrub)
Meadows	2	GRASSLAND(temperate, non-desert)
Chaparral, Shrubland and		

Directly Benefited Species

Scientific Name	Common Name	Status
<i>Eumeces skiltonianus</i>	Western Skink	
<i>Puma concolor</i>	Puma, mountain lion, Cougar	
<i>Coleonyx variegatus</i>	Western Banded Gecko	
<i>Aquila chrysaetos</i>	Golden Eagle	
<i>Nyctinomops macrotis</i>	big free-tailed bat	
<i>Odocoileus hemionus</i>	mule deer	
<i>Accipiter cooperii</i>	Cooper's Hawk	
<i>Chaetodipus californicus</i>	California pocket mouse	
<i>Neotoma lepida</i>	desert woodrat	
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	
<i>Antrozous pallidus</i>	pallid bat	
<i>Circus cyaneus</i>	Northern Harrier	
<i>Haliaeetus leucocephalus</i>	Bald Eagle	
<i>Myotis yumanensis</i>	Yuma myotis	
<i>Nyctinomops femorosaccus</i>	pocketed free-tailed bat	
<i>Charina trivirgata</i>	Rosy Boa	
<i>Sialia mexicana</i>	Western Bluebird	
<i>Polioptila californica</i>	California Gnatcatcher	
<i>Elanus leucurus</i>	White-tailed Kite	
<i>Crotalus ruber</i>	Red Diamond Rattlesnake	
<i>Amphispiza belli</i>	Sage Sparrow	
<i>Cnemidophorus hyperythrus</i>	Orange-throated Whiptail	
<i>Lasiurus cinereus</i>	hoary bat	
<i>Dendroica petechia</i>	Yellow Warbler, American Yellow Warbler	
<i>Phrynosoma coronatum</i>	Coast Horned Lizard	
<i>Lepus californicus</i>	Black-tailed Jackrabbit, black-tailed jack rabbit	
<i>Lasiurus blossevillii</i>	western red bat	
<i>Chaetodipus fallax</i>	San Diego pocket mouse	
<i>Eumops perotis</i>	western mastiff-bat, western bonneted bat	
<i>Myotis evotis</i>	long-eared myotis	

Objectives**Objective ID - Habitat Management**

Objective Name Habitat Management for Recreational Hunting

Objective Statement Hand and mechanical weed abatement will continue in areas that are infested with noxious weeds to encourage re-vegetation of native plant species. Weed abatement is conducted during the fall and winter months in order to avoid wildlife breeding seasons and to

remove weeds before they flower and set seed. Mechanical weed abatement includes mowing and weed whacking. Staff at HCWA will continue to actively manage up to 100 acres of non-native grassland in the western portion of HCWA for conversion to native grassland. Management will include experimental designs using a combination of grazing, controlled burns, thatch removal, seeding, or other techniques. In addition, maintenance of a 50 acre non-native grassland area by sowing cereal wheat to attract doves for hunting will continue.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
100	0	Acres of Habitat Management for Hunting	June 30, 2013

Objective ID - Fences

Objective Name	Fence Maintenance
Objective Statement	Approximately 28.5 miles of perimeter security fencing are maintained at the HCWA to prevent vehicle and livestock trespass. This fencing, along with existing access gates along State Route 94 will be repaired and/or replaced as damage occurs from vehicle accidents, vandalism or emergency vehicle and personnel entry. Removal of existing interior barbed wire fencing determined to be a hazard to wildlife and the public will be completed. Interior gate repair and/or replacement required for security will be undertaken. Fencing repair and replacement will be undertaken by WRA grant funded personnel and/or through vendor contracts.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
29	0	Miles of Fence Maintenance	June 30, 2013

Objective ID - Roads

Objective Name	Public Use, Access Roads and Parking Lots
Objective Statement	There are approximately 24 miles of internal roads and trails as well as several small parking areas on HCWA which support maintenance and management activities. Existing roads and public parking areas would be maintained for safety and to assure use year round. As time permits, unwanted road segments will be made impassible by vehicles and manipulated to encourage natural re-vegetation. All work will occur during the non-nesting season (late summer through late winter) to avoid impacts to nesting species.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
24	0	Miles of Road Maintenance	June 30, 2013

Objective ID - Signage

Objective Name Maintain Signs for Public Use

Objective Statement Numerous existing boundary, informational and directional signs are maintained and replaced, as needed, within the HCWA. Most of this work is done during the late winter and early summer months prior to the opening of fall hunting seasons and periods of increased public use.

Custom Qualitative Indicators

Custom Output	Deadline
Signage Maintained	June 30, 2013

Objective ID - Equipment Maintenance

Objective Name Equipment Maintenance and Repairs

Objective Statement Tractors, gators, chippers and other on-site mechanical equipment used on HCWA are regularly repaired and maintained. Routine maintenance activities are performed on-site while mechanical repairs are conducted at an authorized repair shop. Equipment parts and supplies are kept on-site and storage facilities are kept in a clean and organized condition. Many of the regularly used minor power equipment such as chain saws, weed whackers, etc. are aging and will likely need replacement during this grant funding cycle.

Custom Qualitative Indicators

Custom Output	Deadline
Equipment Maintained and Repaired	June 30, 2013

Objective ID - Water Source Improvements

Objective Name Water Source Improvements

Objective Statement There are seven wells within HCWA that can supply water to wildlife. New drinkers are proposed for installation at HCWA at or just above ground level to allow use by deer, upland game, migratory birds, and herptofauna. Large mammals such as mule deer and mountain lions as well as upland and non-game species have been documented using these refurbished systems. Wells will be maintained to ensure sufficient water for wildlife during the summer months. Maintenance activities undertaken at water sources include hand and mechanical weed abatement, pipeline repair/replacement, removal of wildlife hazards, and monitoring of water source integrity. The repair of pump mechanisms and general maintenance at HCWA will be a priority activity for WRA grant funding. However, due to funding limitations, needed repair and replacement of pump system parts has not been undertaken resulting in diminished or no water flow to associated wildlife drinkers.

Custom Qualitative Indicators

Custom Output	Deadline
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Objective ID - Quail Covey Centers

Objective Name Design (3) Quail Covey Centers

Objective Statement Staff is currently working on designs for three (3) quail covey centers at HCWA (see attached map). These centers will provide/maintain natural and/or appropriate man made water sources, escape and roosting cover, and an understory of forbs and grasses with particular emphasis on seed-set and dispersal by managing natural vegetation and/or use of artificial escape and roosting structures and brush piles. This project is scheduled for completion in 2013.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
3	0	Quail Covey Center Designs	June 30, 2013

Objective ID - Signage for Lyons Vista Parcel

Objective Name Install Signage for Lyons Vista Parcel

Objective Statement Signage for the newly acquired Lyons Vista parcel (563 acres) is currently being undertaken.

Custom Qualitative Indicators

Custom Output	Deadline
Install Signage for Lyons Vista Parcel	June 30, 2013

Objective ID - Inventory, Survey Research

Objective Name Inventory, Survey and Research

Objective Statement One quail and dove survey on the new Lyons Vista parcel is proposed and another survey by State university graduate students for species surveys, including federally listed Quino checkerspot butterfly (*Euphydryas editha quino*) and federal candidate species Hermes copper butterfly is proposed.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
2	0	Species Surveys	June 30, 2013

Objective ID - Building Maintenance

Objective Name Building Maintenance

Objective Statement Buildings, including office, storage and hunter check stations, will be maintained.

Custom Qualitative Indicators

Custom Output	Deadline
Building Maintenance	June 30, 2013

Objective ID - Toilet Trash Maintenance

Objective Name Toilet and Trash Maintenance

Objective Statement Three public restrooms will be cleaned and maintained for visitors. A new public toilet will be installed on a concrete slab for the Honey Springs Unit. Trash will be collected on a regular basis and illegal dumping sites will be hauled away.

Custom Qualitative Indicators

Custom Output	Deadline
Toilet and Trash Maintenance	June 30, 2013

Project Snapshot #60010615 - BMP Wildlife Area O&M: CA-San Felipe Valley Wildlife Area (SFWA)

[\[View Project Details\]](#) [\[top\]](#)

Primary Agency California Department of Fish and Wildlife

Start Date July 1, 2012

End Date June 30, 2013

Project Categories Conservation/Management, Recreation, Administration

Project Statement Details #60016641 - CA-San Felipe Valley Wildlife Area

[\[top\]](#)

Properties

Is Revision? No

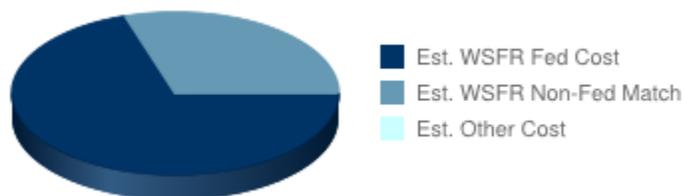
Grant Programs Wildlife Restoration Grants

Project Statement

Cost Breakdown

Estimated WSFR Federal Cost:	\$58,776
Estimated WSFR Non-Federal Match:	\$25,793
Estimated Other Cost:	\$0
Total Estimated Cost:	\$84,569

Cost Breakdown Graph



Need Statement

The Department continues to expand the SFVWAC through additional acquisitions and has increased hunting and other wildlife dependent use opportunities for the public. In order to meet Department and SFVWAC management and public use goals, a stable funding source such as the Wildlife

Restoration Act (WRA) is needed. The WRA grant will provide the primary source of funding to support and/or implement projects that conserve and enhance mule deer, upland game, and listed species habitats and that provide for public use opportunities.

Approach

The Department will use WRA funds on the SFVWAC to implement habitat management and facilities maintenance activities. These activities will be completed primarily by one half-time Fish and Wildlife Technician (FWT) and one seasonal aid consistent with the SFVWAC Land Management Plan (LMP) and Department's annual work plans. Non-federal fund sources will also be utilized to augment WR grant funding for temporary help, equipment purchases, equipment maintenance and the management activities described below.

A. Facility and Road Maintenance

1. Fence Maintenance

Approximately 56 miles of perimeter and interior security fencing is maintained at the SFVWAC to prevent vehicle and livestock trespass. This fencing, along with existing access gates along Highways S-2 and 78 will be repaired and/or replaced as damage occurs from vehicle accidents, vandalism or emergency vehicle and personnel entry. Removal of existing interior barbed wire fencing determined to be a hazard to wildlife and the public will be completed. Interior gate repair and/or replacement required for security will be undertaken. Fencing repair and replacement will be undertaken by WRA grant funded personnel and/or through vendor contracts.

A priority outside of regular maintenance is the replacement of two access gates and fencing on the Oak Grove unit to improve site security along State Highway 79. The existing light-weight chain-link gates will be replaced with large diameter pipe gates that will also include pipe revetments to the sides of adjacent fencing. All proposed work will be conducted within the existing gate/fence alignment and will incorporate boundary and public information signage.

2. Building Maintenance

SFVWA contains a storage barn with enclosed office and water well system. Replacement of the barn roof and refurbishment of the office were recently undertaken; however, minor finish work and painting still need to be completed. WRA grant funding will be used to purchase required supplies to complete repair work. Two 8X20 foot roll-up doors on the storage barn have previously been identified for repair but work has yet to be accomplished. A priority facility maintenance activity is the repair of the roll-up doors through a vendor contract.

3. Public Use, Access Roads and Parking Lots

There are approximately 35 miles of internal roads on SFVWAC which support maintenance and management activities as well as several small parking areas on SFVWA. Existing roads and public parking areas would be maintained for safety and to assure use year round. As time permits, unwanted road segments will be made impassible by vehicles and manipulated to encourage natural re-vegetation. All work will occur during the non-nesting season (late summer through late winter) to avoid impacts to nesting species.

Pedestrian access will be improved along County Highway S-2 at the SFVWA unit. Staff will identify appropriate locations along the existing Highway S-2 fence line where pedestrian openings can be

installed to allow for safe public access. New access points will be created by installing narrow H-brace openings or gates made of metal pipe to facilitate easy public access while retaining security against vehicle trespass. All work will be done within the alignment of the existing fence and adjacent to the highway right-of-way.

B. Visitor and Recreation Management

Signs for Public Use

Approximately 200 existing boundary, informational and directional signs are maintained and replaced, as needed, within the SFVWAC. Most of this work is done during the late winter and early summer months prior to the opening of fall hunting seasons and periods of increased public use.

C. Equipment Maintenance and Repairs

Tractors, gators, chippers and other on-site mechanical equipment used on SFVWAC are regularly repaired and maintained. Routine maintenance activities are performed on-site while mechanical repairs are conducted at an authorized repair shop. Equipment parts and supplies are kept on-site and storage facilities are kept in a clean and organized condition. Many of the regularly used minor power equipment such as chain saws, weed whackers, etc. are aging and will likely need replacement during this grant funding cycle.

D. Habitat Management

1. Habitat Maintenance for Recreational Hunting

Hand and mechanical weed abatement will continue in areas that are infested with noxious weeds to encourage re-vegetation of native plant species. Weed abatement is conducted during the fall and winter months in order to avoid wildlife breeding seasons and to remove weeds before they flower and set seed. Mechanical weed abatement includes mowing and weed whacking.

2. Water Source Improvements

SFVWA has six active windmills that supply water to wildlife and are all being retrofitted with wildlife friendly water drinkers. The new drinkers are installed at or just above ground level to allow use by deer, upland game, migratory birds, and herptofauna. New watering devices are placed in the same location as the cisterns and troughs being replaced to avoid additional site disturbance. Large mammals such as mule deer and mountain lions as well as upland and non-game species have been documented using these refurbished systems. Windmills will be maintained to ensure sufficient water for wildlife during the summer months. SFVWAC has numerous natural springs which have been modified by previous land owners to benefit domestic livestock. These springs will be maintained and modified as needed to ensure safe use by wildlife. Maintenance activities undertaken at water sources include hand and mechanical weed abatement, pipeline repair/replacement, removal of wildlife hazards, and monitoring of water source integrity.

The repair of windmill pump mechanisms and general maintenance on four of the six windmills at SFVWA will be the priority activity for WRA grant funding. Repair and/or replacement of motors, fan blades, maintenance platforms, and water transport piping to external tanks on these windmills were previously undertaken. However, due to funding limitations needed repair and replacement of pump system parts was not undertaken resulting in diminished or no water flow to associated wildlife drinkers. All work including the temporary storage of materials and equipment will occur within

existing windmill site footprints. The two remaining windmills are in working order but require installation of water tank stands and replacement of existing cattle troughs with wildlife drinkers.

Expected Results

Improved habitat quality (forage, nesting, breeding, and cover) and reliable water sources for game and non-game species on the SFVWAC will occur through the undertaking of restoration and enhancement projects. WRA grant funding will support dedicated staff, materials and equipment necessary to maintain area security assuring protection of wildlife habitat and species values. Wildlife dependent public use opportunities and access to the SFVWAC will be maintained and enhanced. WRA grant funds will ensure continued management of important and diverse habitat types to maintain and, to the extent feasible increase populations of game, non-game, migratory, and threatened and endangered species. Improved habitat quality (forage, nesting, breeding, and cover) and reliable water sources for game and non-game species on the SFVWAC will occur through the undertaking of restoration and enhancement projects. WRA grant funding will support dedicated staff, materials and equipment necessary to maintain area security assuring protection of wildlife habitat and species values. Wildlife dependent public use opportunities and access to the SFVWAC will be maintained and enhanced. WRA grant funds will ensure continued management of important and diverse habitat types to maintain and, to the extent feasible increase populations of game, non-game, migratory, and threatened and endangered species.

General

ENVIRONMENTAL COMPLIANCE INFO:

Listed, Proposed, and Candidate Species Present on SFVWAC: Least Bell's vireo (SFVWA); Arroyo toad and Quino checkerspot (OG)

The Department has made the determination that proposed projects under this grant will not negatively affect the continued existence of any federally-listed species. Work performed within all special status species habitat will occur outside of the breeding and nesting season. To ensure that no adverse affects to federally listed species occur from enhancement and restoration projects, the Department will consult with the U.S. Fish and Wildlife Service prior to implementation of projects in or adjacent to occupied habitat.

Potential habitat for federally listed species may occur on the OG unit. However, due to the relatively recent acquisition of the unit, there have been no focused species inventories or confirmed observations. Planned activities for the OG unit include only area security upgrades and maintenance to existing perimeter fencing and gates so no adverse impacts to federally listed species or their habitat are expected.

As the management needs for listed species change through implementation of this project, it will be necessary to modify existing management schemes to maintain and/or increase listed species values. Vegetation mapping and focused species inventories will be used to gauge the effectiveness of management actions and to determine what, if any modifications to those actions are warranted. Depending on the results of those efforts, additional Section 7 ESA consultation may be necessary.

State Historic Preservation Act:

It is the Department's policy to preserve, protect, and maintain cultural and historic resources found

on its properties. The preservation, protection, and management of cultural resources will be done in accordance with State and Federal laws and in consultation with the State Historic Preservation Officer.

In 2002, prior to development of the SFVWA LMP, a cultural Resource Management Plan (CRMP) was prepared by professional archaeologist Dr. Susan Hector. The CRMP includes avoidance and protection treatments for 40 identified cultural sites, as well as guidance on treatment of newly identified sites. The LMP incorporated the CRMP and other cultural resource identification/protection documents drafted to date as a plan element. In accordance with the LMP and incorporated CRMP, public use facilities have been located in areas that were surveyed and found not to contain cultural resources. All work conducted under the WRA grant at SFVWAC will be undertaken in strict accordance with the LMP. The location of all cultural sites is confidential and the individual sites are protected from vandalism and disturbance. During habitat enhancement and facility repair and maintenance activities, all known adjacent archaeological sites will be avoided. Prior to developing new facilities, the proposed project area will be surveyed by a qualified professional archaeologist to determine the presence and limits of any previously unidentified cultural or historic site. If additional resources are detected, they will be identified and recorded and measures taken to assure that impacts are avoided.

Useful Life

Proposed habitat management, facilities maintenance, and water restoration/enhancement projects described above do not constitute capital improvements.

Program Income

Program income will not be generated with this project

Multipurpose Projects

The proposed grant funded project does not involve multi-purpose funding.

Relationship with Other Grants

The Department is currently administering a three year (April 1, 2010 to March 31, 2013) Traditional Section 6 Threatened and Endangered Wildlife grant along a portion of San Felipe Creek on SFVWA. The goal of this three year project is to restore, through non-native vegetation removal natural water sources to benefit the federally endangered peninsular bighorn sheep and other special status species including least bell's vireo, southwestern willow flycatcher, yellow-billed cuckoo, desert pupfish, and unarmored three-spine stickleback. This effort is part of a multi-phase cooperative project being undertaken with BLM and CDPR in the greater San Felipe Creek watershed. The Section 6 grant specifically targets restoration of riparian habitat within San Felipe Creek specifically for the benefit of federally listed species. In contrast, this project specifically targets restoration and enhancement of diverse habitats and water sources to benefit game species and to support and enhance wildlife dependent public use opportunities on SFVWAC. However, both projects will result in enhancement of habitat benefiting a wide array of wildlife species on SFVWA.

Timeline

There are no significant milestones associated with this project. Grant funded work described above will be conducted during the life of this grant agreement.

SMART Objectives - Purpose/Targets

Purpose/Target ID - San Felipe Valley Wildlife Area

Purpose/Target Description	The Department's overall purpose for the SFVWAC is to enhance and maintain 17,794 acres of riparian woodland, oak woodland, mixed hardwood-conifer forest, and native grassland vegetation communities to benefit mule deer, upland game, waterfowl, migratory birds, and state and federal listed plant and wildlife species. Also, the Department will maintain support facilities and equipment necessary to protect and enhance wildlife values and to provide for compatible wildlife associated public uses such as hunting, scientific research, wildlife viewing, and nature education.
Viability Status	Sustain
Viability Status Justification	Among many of the Department's goals for management of the WA for the benefit of game species are to: <ul style="list-style-type: none"> • Preserve and enhance mule deer foraging and fawning habitats in the WA; • Maintain mule deer access to and movement along riparian corridors, the valley floor, and higher elevation habitats in the WA; • Manage the size and health of the mule deer population through a combination of conservation actions and authorized hunting; • Maintain self-sustaining populations of native upland bird and small game species in the WA; • Enhance habitat to increase carrying capacity for native upland and small game species; and • Maintain the WA's function as foraging and sheltering habitat and a flyway for migratory bird game species.

Indirectly Benefited Habitats

Habitat Name	Habitat Level	Parent Habitat
Chaparral, Shrubland and Shrub Steppe	2	SHRUBLAND(temperate, non-desert)
Stream/Creek	2	RIVERINE
Mixed (Evergreen and Deciduous)	2	WOODLAND (variable, non-closed canopy; typically a mix of grass, forb and low shrub)

Indirectly Benefited Species

Scientific Name	Common Name	Status
<i>Puma concolor</i>	Puma, mountain lion, Cougar	
<i>Lepus californicus</i>	Black-tailed Jackrabbit, black-tailed jack rabbit	
<i>Anniella pulchra</i>	California Legless Lizard	
<i>Campylorhynchus brunneicapillus</i>	Cactus Wren	
<i>Vireo bellii</i>	Bell's Vireo	
<i>Caulanthus simulans</i>	Payson's wild cabbage, Payson's jewelflower	
<i>Chaetodipus californicus</i>	California pocket mouse	
<i>Plecotus townsendii</i>	Townsend's big-eared bat	
<i>Dudleya saxosa</i>		

Odocoileus hemionus	mule deer	
Phrynosoma coronatum	Coast Horned Lizard	
Salvadora hexalepis	Western Patch-nosed Snake	
Accipiter cooperii	Cooper's Hawk	
Quercus engelmannii	Engelmann's oak	
Hulsea californica	San Diego alpinegold	

Objectives

Objective ID - New Access Gates

Objective Name	New Access Gates
Objective Statement	A priority outside of regular maintenance is the replacement of two access gates and fencing on the Oak Grove unit to improve site security along State Highway 79. The existing light-weight chain-link gates will be replaced with large diameter pipe gates that will also include pipe revetments to the sides of adjacent fencing. All proposed work will be conducted within the existing gate/fence alignment and will incorporate boundary and public information signage.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
2	0	Number of New Gates	June 30, 2013

Objective ID - Building Maintenance

Objective Name	Building Maintenance
Objective Statement	SFVWA contains a storage barn with enclosed office and water well system. Replacement of the barn roof and refurbishment of the office were recently undertaken; however, minor finish work and painting still need to be completed. WRA grant funding will be used to purchase required supplies to complete repair work. Two 8X20 foot roll-up doors on the storage barn have previously been identified for repair but work has yet to be accomplished. A priority facility maintenance activity is the repair of the roll-up doors through a vendor contract.

Custom Qualitative Indicators

Custom Output	Deadline
Maintain Buildings	June 30, 2013

Objective ID - Public Use, Access Roads and Parking Lots

Objective Name	Public Use, Access Roads and Parking Lots
Objective Statement	There are approximately 35 miles of internal roads on SFVWAC which support maintenance and management activities as well as several small parking areas on SFVWA. Existing roads and public parking areas would be maintained for safety and to assure use year round.

As time permits, unwanted road segments will be made impassible by vehicles and manipulated to encourage natural re-vegetation. All work will occur during the non-nesting season (late summer through late winter) to avoid impacts to nesting species. Pedestrian access will be improved along County Highway S-2 at the SFVWA unit. Staff will identify appropriate locations along the existing Highway S-2 fence line where pedestrian openings can be installed to allow for safe public access. New access points will be created by installing narrow H-brace openings or gates made of metal pipe to facilitate easy public access while retaining security against vehicle trespass. All work will be done within the alignment of the existing fence and adjacent to the highway right-of-way.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
35	0	Maintain 35 miles of Roads	June 30, 2013

Objective ID - Signs for Public Use

Objective Name Signs for Public Use

Objective Statement Approximately 200 existing boundary, informational and directional signs are maintained and replaced, as needed, within the SFVWAC. Most of this work is done during the late winter and early summer months prior to the opening of fall hunting seasons and periods of increased public use.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
200	0	Maintain 200 signs	June 30, 2013

Objective ID - Equipment Maintenance and Repairs

Objective Name Equipment Maintenance and Repairs

Objective Statement Tractors, gators, chippers and other on-site mechanical equipment used on SFVWAC are regularly repaired and maintained. Routine maintenance activities are preformed on-site while mechanical repairs are conducted at an authorized repair shop. Equipment parts and supplies are kept on-site and storage facilities are kept in a clean and organized condition. Many of the regularly used minor power equipment such as chain saws, weed whackers, etc. are aging and will likely need replacement during this grant funding cycle.

Custom Qualitative Indicators

Custom Output	Deadline
Maintain Equipment	June 30, 2013

Objective ID - Habitat Maintenance for Recreational Hunting

Objective Name Habitat Maintenance for Recreational Hunting

Objective Statement Hand and mechanical weed abatement will continue in areas that are infested with noxious weeds to encourage re-vegetation of native plant species. Weed abatement is conducted during the fall and winter months in order to avoid wildlife breeding seasons and to remove weeds before they flower and set seed. Mechanical weed abatement includes mowing and weed whacking.

Custom Qualitative Indicators

Custom Output	Deadline
Weed Abatement	June 30, 2013

Objective ID - Water Source Improvements

Objective Name Water Source Improvements

Objective Statement SFVWA has six active windmills that supply water to wildlife and are all being retrofitted with wildlife friendly water drinkers. The new drinkers are installed at or just above ground level to allow use by deer, upland game, migratory birds, and herptofauna. New watering devices are placed in the same location as the cisterns and troughs being replaced to avoid additional site disturbance. Large mammals such as mule deer and mountain lions as well as upland and non-game species have been documented using these refurbished systems. Windmills will be maintained to ensure sufficient water for wildlife during the summer months. SFVWAC has numerous natural springs which have been modified by previous land owners to benefit domestic livestock. These springs will be maintained and modified as needed to ensure safe use by wildlife. Maintenance activities undertaken at water sources include hand and mechanical weed abatement, pipeline repair/replacement, removal of wildlife hazards, and monitoring of water source integrity. The repair of windmill pump mechanisms and general maintenance on four of the six windmills at SFVWA will be the priority activity for WRA grant funding. Repair and/or replacement of motors, fan blades, maintenance platforms, and water transport piping to external tanks on these windmills were previously undertaken. However, due to funding limitations needed repair and replacement of pump system parts was not undertaken resulting in diminished or no water flow to associated wildlife drinkers. All work including the temporary storage of materials and equipment will occur within existing windmill site footprints. The two remaining windmills are in working order but require installation of water tank stands and replacement of existing cattle troughs with wildlife drinkers.

Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
6	0	Water Srouces Maintained	June 30, 2013

Objective ID - Facility and Road Maintenance

Objective Name Facility and Road Maintenance

Objective Statement Approximately 56 miles of perimeter and interior security fencing is maintained at the SFVWAC to prevent vehicle and livestock trespass. This fencing, along with existing access gates along Highways S-2 and 78 will be repaired and/or replaced as damage occurs from vehicle accidents, vandalism or emergency vehicle and personnel entry. Removal of existing interior barbed wire fencing determined to be a hazard to wildlife and the public will be completed. Interior gate repair and/or replacement required for security will be undertaken. Fencing repair and replacement will be undertaken by WRA grant funded personnel and/or through vendor contracts.

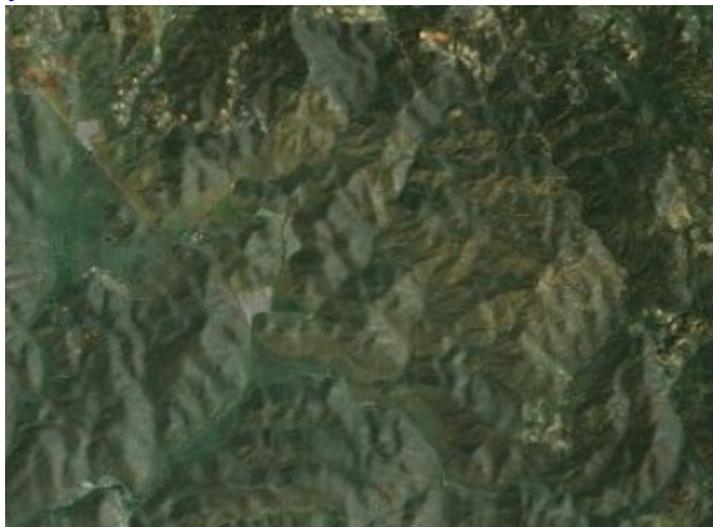
Custom Quantitative Indicators

Desired Future Value	Base Value	Output	Deadline
56	0	Miles of Road Maintenance	June 30, 2013

Appendix C: Project Details

Project Details #60007569 - BMP Wildlife Area O&M: CA-Hollenbeck Canyon Wildlife Area (HCWA)

[\[top\]](#)



Properties

Status Completed

Primary Agency California Department of Fish and Wildlife

Primary Contact Jason Williams

Start Date July 1, 2012

End Date June 30, 2013

Website <http://www.dfg.ca.gov/lands/wa/region5/hollenbeck.html>

Is Project Sensitive? No

Project Categories	Conservation/Management, Recreation, Administration
Action Categories	Facilities and Areas (Operations and Maintenance), Direct Management of Natural Resources, Data Collection and Analysis, Coordination and Administration, Planning

Project Description

The California Department of Fish and Wildlife (Department) established the Hollenbeck Canyon Wildlife Area (HCWA) in south-eastern San Diego County in 2001 to preserve and enhance critical native habitat for over 13 sensitive plant species and 25 animal species. A secondary purpose for the acquisition was to allow compatible wildlife dependant public use and to enhance an important wildlife corridor in the South County Subarea Plan of the San Diego County Multiple Species Conservation Plan. The original acquisition of 3,210-acres acquired in 2001 has been supplemented with a 1,979-acre "Honey Springs Ranch Acquisition Area" acquired in 2003, the "Abbey parcel" to the east (313 acres) acquired in 2007 and the 2012 "Lyons Vista property" (563 acres) acquisition on the northern border. The total acreage for the wildlife area is now roughly 6,065 acres. Key habitats on HCWA include riparian woodland, coastal sage scrub, chaparral, oak woodland, freshwater marshes, and grassland. Since the area was established, the Department and its partners have restored water sources, removed wildlife hazards, improved existing infrastructure, and enhanced habitats to benefit upland game and non-game species.

The Department's overall purpose for the HCWA is to restore, manage, and maintain the 6,056-acre HCWA, which includes approximately 850 acres of grassland habitat, over 200 acres of wetland and riparian habitat, and 5,000 acres of sage/chaparral habitat for the birds and mammals which depend on them. Additionally, the CDFW will maintain the necessary support facilities and equipment to safeguard these values and to provide for compatible wildlife dependent public uses such as hunting, scientific research, wildlife viewing, and nature education. The specific objectives of this 1-year project are to:

- Design three (3) quail covey centers. These centers will provide/maintain natural and/or appropriate man made water sources, escape and roosting cover, and an understory of forbs and grasses with particular emphasis on seed-set and dispersal by managing natural vegetation and/or use of artificial escape and roosting structures and brush piles.
- Signage for the newly acquired Lyons Vista parcel (563 acres).
- Focused surveys will occur this winter/spring 2013 to establish quail/dove populations within the new land acquisition (Lyons Vista).

The expected benefits and results of this project include the sound management of HCWA through implementation of actions in the approved Land Management Plan. These activities should result in improved habitat conditions for species and public use opportunities. Additionally, species monitoring programs should measure species response to management actions and track public use. This project will also directly benefit and improve the wetland, riparian and upland habitats, and the species that utilize these important resources. The area manager estimates HCWA experiences approximately 1,000+ hunter user days during the upland game season and another 3,750+ user day visits for wildlife viewing or nature education. Improved habitat quality (forage, nesting, breeding, and cover) and reliable water sources at HCWA will occur through the undertaking of restoration, enhancement and maintenance

projects. This project will support dedicated staff, materials and equipment necessary to maintain area security assuring protection of wildlife habitat and species values, plus public use opportunities and access to CDFW lands. This project should ensure continued management of important and diverse habitat types to maintain and, to the extent feasible, increase populations of game and non-game, threatened and endangered, and migratory species.

Location Details

Is Statewide Project? No
 Acres 6,108.73

States	Congressional Districts	Counties
California	Congressional District 52,	San Diego County,

Action Summaries

Action # 60008375 - Final Performance Report 2012/2013

[\[View Action Details\]](#)

Start Date June 30, 2012
 End Date June 29, 2013
 Action Category Facilities and Areas (Operations and Maintenance)
 Action Strategy Wildlife Management Areas

Project Details #60010615 - BMP Wildlife Area O&M: CA-San Felipe Valley Wildlife Area (SFWA)

[\[top\]](#)



Properties

Status Completed
 Primary Agency California Department of Fish and Wildlife
 Primary Contact Jason Williams
 Start Date July 1, 2012
 End Date June 30, 2013
 Website <http://www.dfg.ca.gov/lands/wa/region5/sanfelipe/>
 Is Project Sensitive? No

Project Categories	Conservation/Management, Recreation, Administration
Action Categories	Facilities and Areas (Operations and Maintenance), Direct Management of Natural Resources, Data Collection and Analysis, Coordination and Administration

Project Description

The California Department of Fish and Game (Department) established the San Felipe Valley Wildlife Area (SFVWA) in north-eastern San Diego County in 1995 to preserve and enhance key habitat for southern mule deer. Key habitats on SFVWA include riparian woodland, oak woodland, mixed hardwood-conifer forest, and native grassland. A secondary purpose for acquisition was to allow compatible wildlife dependant public use and access to approximately 19,800 acres of adjacent federal Bureau of Land Management lands. Expansion of the SFVWA has been on-going resulting in two separate management units currently totaling 17,794 acres. These include the 14,449+ acre SFVWA unit and 3,244+ acre Oak Grove (OG) unit collectively referred to as the San Felipe Valley Wildlife Area Complex (SFVWAC). Since the area was established, the Department and its partners have restored water sources, removed wildlife hazards, improved existing infrastructure, and enhanced habitats to benefit mule deer and other game and non-game species.

The Department continues to expand the SFVWAC through additional acquisitions and has increased hunting and other wildlife dependent use opportunities for the public. In order to meet Department and SFVWAC management and public use goals, a stable funding source such as the Wildlife Restoration Act (WRA) is needed. The WRA grant will provide the primary source of funding to support and/or implement projects that conserve and enhance mule deer, upland game, and listed species habitats and that provide for public use opportunities.

The Department's overall objective for the SFVWAC is to enhance and maintain 17,794 acres of riparian woodland, oak woodland, mixed hardwood-conifer forest, and native grassland vegetation communities to benefit mule deer, upland game, waterfowl, migratory birds, and state and federal listed plant and wildlife species. Also, the Department will maintain support facilities and equipment necessary to protect and enhance wildlife values and to provide for compatible wildlife associated public uses such as hunting, scientific research, wildlife viewing, and nature education.

Improved habitat quality (forage, nesting, breeding, and cover) and reliable water sources for game and non-game species on the SFVWAC will occur through the undertaking of restoration and enhancement projects. WRA grant funding will support dedicated staff, materials and equipment necessary to maintain area security assuring protection of wildlife habitat and species values. Wildlife dependent public use opportunities and access to the SFVWAC will be maintained and enhanced. WRA grant funds will ensure continued management of important and diverse habitat types to maintain and, to the extent feasible increase populations of game, non-game, migratory, and threatened and endangered species.

Location Details

Is Statewide Project? No

Acres 14,428.18

States	Congressional Districts	Counties
California	Congressional District 49, Congressional District 52,	San Diego County,

Related Projects

Project - BMP Wildlife Area O&M: CA-Hollenbeck Canyon Wildlife Area (HCWA)

Start Date July 1, 2012

Reason for Relation Associated Wildlife Area in the same CDFW region and grant application

Action Summaries

Action # 60016683 - Final Project Performance Report 2012/2013

[\[View Action Details\]](#)

Start Date July 1, 2012

End Date June 30, 2013

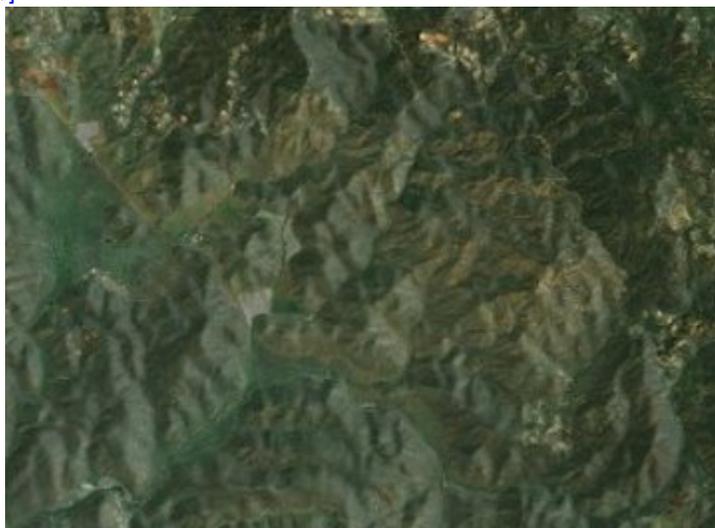
Action Category Facilities and Areas (Operations and Maintenance)

Action Strategy Wildlife Management Areas

Appendix D: Action Details

Action Details #60008375 - Final Performance Report 2012/2013

[\[top\]](#)



Properties

Project Name BMP Wildlife Area O&M: CA-Hollenbeck Canyon Wildlife Area (HCWA)

[\[View Project Details\]](#)

Status Completed

Primary Contact Jason Williams

Start Date June 30, 2012

End Date June 29, 2013

Action Category Facilities and Areas (Operations and Maintenance)

Action Strategy

Strategy	Measured Output	Output Unit
Wildlife Management Areas	1	Number

Activities Parking lots,
Trails,
Boundary designation,
Roads,
Trash collection

Current Habitat

Habitat Level 1 SHRUBLAND(temperate, non-desert)
Habitat Level 2 Chaparral, Shrubland and Shrub Steppe

Directly Benefited Species

Scientific Name	Common Name	Status
Callipepla californica	Californian Quail, California Quail	
Zenaida macroura	Mourning Dove	
Euphydryas editha	Edith's Checkerspot	
Lycaena hermes	Hermes Copper	

Document Attachments

2012/2013 Hollenbeck Canyon Final Performance Report

[\[Download\]](#)

File Name HCWA_2012-2013_Final_Performance Report.pdf
Author California Department of Fish and Wildlife
Uploaded Date December 18, 2013

Action Details #60016683 - Final Project Performance Report 2012/2013

[\[top\]](#)



Properties

Project Name	BMP Wildlife Area O&M: CA-San Felipe Valley Wildlife Area (SFWA) [View Project Details]
Status	Completed
Primary Contact	Jason Williams
Start Date	July 1, 2012
End Date	June 30, 2013
Action Category	Facilities and Areas (Operations and Maintenance)

Action Strategy

Strategy	Measured Output	Output Unit
Wildlife Management Areas	1	Number

Activities
Parking lots,
Trails,
Roads,
Trash collection

Current Habitat

Habitat Level 1	SHRUBLAND(temperate, non-desert)
Habitat Level 2	Chaparral, Shrubland and Shrub Steppe

Document Attachments

Final Performance Report 2012/2013

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