

Coachella Valley Multiple Species Habitat Conservation Plan/ Natural Community Conservation Plan



2008 Annual Report

For the Period
October 1, 2008 to December 31, 2008

Submitted by the
Coachella Valley Conservation Commission
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I. Overview

Introduction:

The Coachella Valley Multiple Species Habitat Conservation Plan/Natural Community Conservation Plan (CVMSHCP) is a regional multi-agency conservation plan that provides for the long-term conservation of ecological diversity in the Coachella Valley region of Riverside County. The permit from the California Department of Fish and Game issued the Natural Community Conservation Plan (NCCP) Permit for the CVMSHCP on September 9, 2008. The U.S. Fish and Wildlife Service issued the federal permit on October 1, 2008, completing a planning process that was initiated in 1996. The term of the permits is 75 years, which is the length of time required to fully fund implementation of the CVMSHCP.

The CVMSHCP includes an area of approximately 1.1 million acres in the Coachella Valley region within Riverside County. The plan area boundaries were established to incorporate the watersheds of the Coachella Valley within the jurisdictional boundaries of CVAG and within Riverside County. Indian Reservation Lands are not included in the CVMSHCP although coordination and collaboration with tribal governments has been ongoing.

The Coachella Valley Conservation Commission (CVCC) was established in 2006, prior to permit issuance, as the agency responsible for CVMSHCP implementation. The CVCC has a board made up of elected representatives of the Local Permittees including Riverside County, the cities of Cathedral City, Coachella, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, and Rancho Mirage, the Coachella Valley Water District, and the Imperial Irrigation District. The Riverside County Flood Control and Water Conservation District (County Flood Control), Riverside County Regional Park and Open Space District (County Parks), and Riverside County Waste Resources Management District (County Waste) are also Local Permittees. Other Permittees include three state agencies, the California Department of Parks and Recreation (State Parks), the Coachella Valley Mountains Conservancy (CVMC), and the California Department of Transportation (CalTrans). The City of Desert Hot Springs voted not to participate in the CVMSHCP in 2006 and is not a Permittee. However, the City of Desert Hot Springs has initiated the process for a major amendment to the CVMSHCP that would allow them to become a Permittee.

Reporting Requirements:

The CVMSHCP describes the requirements for an Annual Report which is to be submitted by March 30 of each year to the Wildlife Agencies and the Permittees. This, the first CVMSHCP Annual Report describes the activities for the period from permit issuance on October 1, 2008 to the end of the calendar year on December 31, 2008. As required by Section 6.4 of the CVMSHCP, this Annual Report will also be presented at a

CVCC meeting which will serve as a public workshop where the report will be made available to the public.

The CVMSHCP calls for the following information in the Annual Report:

1. An overview of the status of the Conservation Areas.
2. Results of biological monitoring, identification of Adaptive Management actions, and whether or not such actions were implemented.
3. A description of Reserve Lands' management activities for the previous year.
4. An accounting of the number of acres acquired (in fee or conservation easement), conserved through MOUs for cooperative management, or otherwise protected during the previous year to achieve identified Conservation Objectives.
5. An accounting of the number of acres of Core Habitat, Essential Ecological Processes, Biological Corridors and Linkages, and conserved natural communities within each Conservation Area developed or impacted by Covered Activities during the previous year.
6. An accounting of the number of acres of Core Habitat and Other Conserved Habitat for the species and conserved natural communities outside the Conservation Areas developed or impacted by Covered Activities during the previous year.
7. An accounting of the status of each Covered Species with respect to the Species Conservation Goals and Objectives in Sections 4 and 9.
8. An evaluation of any significant issues encountered in Plan implementation during the previous year and their proposed resolution.
9. Expenditures for acquisition and Reserve Lands management over the previous year and applicable budgets for the upcoming fiscal year.
10. Summary of compliance activities required of Permittees, such as adoption of ordinances.
11. A copy of the audit of CVCC finances for the most recent fiscal year available.
12. Summary of all unauthorized/unpermitted activities detected and enforcement actions taken during the previous year.
13. Additional technical, commercial, and scientific information and/or data that are reasonably available and necessary to evaluate performance and compliance with the commitments and objectives of the Plan shall be provided to the Wildlife Agencies upon written request.

These required elements are presented in this Annual Report in the order they are listed.

Implementation: Progress to Date:

Although this Annual Report includes only a three-month period since permit issuance, the CVMSHCP is now fully in the implementation stage. The Coachella Valley Conservation Commission oversees, administers and provides the policy direction for implementation of the CVMSHCP. The CVCC is a joint powers authority which was established in January 2006 with administrative staff provided by the Coachella Valley

Association of Governments. With issuance of the state and federal permits in October 2008, the CVCC assumed full responsibility for implementation of the CVMSHCP. The CVCC hold regular monthly meetings which are open to the public. The CVCC has specific duties and responsibilities which are listed in Section 6.1.1.2 of the CVMSHCP. The CVCC initiated many of the implementation requirements of the CVMSHCP prior to permit issuance so as to be prepared to move forward quickly and transition smoothly once permits were received. Prior to issuance of the permits and during the final three months of 2008, CVCC implementation activities have focused on the following tasks:

1. Development of CVCC organizational structure including contract staff for land acquisition, biological monitoring and land management.
 - ✓ Contracts for administrative staff, Acquisitions Manager and Monitoring Program Administrator have been completed. A contractor for Land Manager has been selected.
2. Establishment of the Local Development Mitigation Fee Ordinance and Collection process.
 - ✓ All the Cities and the County of Riverside have passed Fee Ordinances
 - ✓ Local Development Mitigation fees are being collected and remitted to the CVCC.
 - ✓ CVCC staff provided orientation and training to jurisdictions regarding the fee collection process.
3. Establishment of various committees and subcommittees as required by the Plan.
 - ✓ Acquisition and Funding Coordinating Committee. The CVCC established this committee and determined that it would be a committee of the whole, with all members of the CVCC serving on the committee. The Wildlife Agencies are ex-officio members of this committee.
 - ✓ Trails Management Subcommittee. The CVCC established this subcommittee and appointed five public members at their October 2008 meeting. Other members are to be appointed by the various participating agencies. The Subcommittee is scheduled to meet in early 2009.
4. Development of a budget for the remainder of the fiscal year.
 - ✓ The first CVCC budget was approved in November 2008.
5. Implementation of the Joint Project Review (JPR) Process for projects within the Conservation Areas
 - ✓ The CVCC has conducted 20 Joint Project Reviews for projects within Conservation Areas at the request of the relevant jurisdiction. Some of these reviews were conducted under an Interim Project Review process prior to permit issuance.
6. Implementation of policies and procedures for land acquisition program.
 - ✓ The CVCC has approved a number of policies regarding procedures for the land acquisition program. These policies are listed in Section X of this report.
7. Implementation of biological monitoring program.
 - ✓ A summary of the actions to date for the biological monitoring program is included in Section II.

Status of Conservation Areas: Conservation and Authorized Disturbance Since 1996:

The CVMSHCP is rather unique among regional habitat conservation plans in its very quantitative approach. Analysis of the conservation and development activities under the CVMSHCP is designed to be as objective as possible. The CVMSHCP includes specific acreage requirements for both the amount of authorized disturbance that can occur and the acres that must be conserved within each Conservation Area. These acreage requirements are identified in conservation objectives for each Covered Species and natural community as well as for essential ecological processes and biological corridors and linkages. These conservation objectives are the basis of the analysis of projects in Conservation Areas to determine consistency with the CVMSHCP through the Joint Project Review process. The conservation objectives provide one measure of the progress toward meeting the requirements of the CVMSHCP under the state and federal permits. This report provides a detailed accounting of the status of the conservation objectives for each of the Conservation Areas up to December 31, 2008.

The Memorandum of Understanding (MOU) that began the planning process for the CVMSHCP was completed on November 11, 1996. This date is the baseline for the acreages listed in the tables in Sections 4, 9, 10 and throughout the CVMSHCP Plan document. This Annual Report represents an update of these baseline tables to account for all the Conservation and Authorized Disturbance that has occurred between November 11, 1996 and December 31, 2008. Table 1 gives an overview of the acres of Conservation and Authorized Disturbance within each of the 21 Conservation Areas since 1996. The accounting of Conservation and Authorized Disturbance for each of the Conservation Areas, based on Conservation Objectives for Covered Species, natural communities, essential ecological processes and biological corridors and linkages are detailed later in this report.

As noted, 1996 serves as the baseline year for purposes of measuring conservation and disturbance under the CVMSHCP. Since 1996 and throughout the CVMSHCP's long planning process an enormous amount of progress was made in land conservation. Almost 64,000 acres have been acquired or otherwise conserved and less than 100 acres of disturbance has been authorized in the Conservation Areas since the CVMSHCP planning process began in 1996. The acquisition has occurred as a result of the collective efforts of local, state and federal agencies. In many cases the specific land acquisition projects have been accomplished through partnerships where various agencies combined resources to complete an acquisition. One particularly significant example of such an acquisition which is included in the 64,000 acre total was the Cathton acquisition in 2004. Through a partnership involving state agencies (California State Parks, California Department of Fish and Game, Coachella Valley Mountains Conservancy), federal agencies (BLM), local agencies (Coachella Valley Association of Governments) and non-profit agencies (Friends of the Desert Mountains, The Nature Conservancy, Resources Legacy Fund Foundation) nearly 9,000 acres were acquired for a total of \$26 million to ensure long-term conservation of a significant biological corridor between Joshua Tree National Park and the Coachella Valley Preserve.

Table 1: Conservation and Authorized Disturbance Since 1996 Within Conservation Areas

Conservation Area	Post-1996 Conservation (Acres)	Post-1996 Authorized Disturbance (Acres)
Cabazon Conservation Area	0	0
Coachella Valley Stormwater Channel and Delta Conservation Area	0	5
Desert Tortoise and Linkage Conservation Area	1,368	0
Dos Palmas Conservation Area	2,146	0
East Indio Hills Conservation Area	109	0
Edom Hill Conservation Area	1,907	1
Highway 111/I-10 Conservation Area	0	0
Indio Hills Palms Conservation Area	1,039	0
Indio Hills/Joshua Tree National Park Linkage Conservation Area	8,802	5
Joshua Tree National Park Conservation Area	8,647	0
Long Canyon Conservation Area	0	0
Mecca Hills/Orocopia Mountains Conservation Area	2,996	0
Santa Rosa and San Jacinto Mountains Conservation Area	23,570	9
Snow Creek/Windy Point Conservation Area	995	0
Stubbe and Cottonwood Canyons Conservation Area	655	0
Thousand Palms Conservation Area	2,934	51
Upper Mission Creek/Big Morongo Canyon Conservation Area	4,180	5
West Deception Canyon Conservation Area	1,455	0
Whitewater Canyon Conservation Area	956	0
Whitewater Floodplain Conservation Area	37	10
Willow Hole Conservation Area	1,983	3
	63,780	89

The only Conservation Area to experience a sustained pattern of development is the Thousand Palms Conservation Area. No other Conservation Area has had over 10 acres of Authorized Disturbance since 1996. The Thousand Palms Conservation Area is close to the urbanized area of the Coachella Valley and has roads and utilities available so that it contains the largest portion of any Conservation Area where residential Development could occur. The Thousand Palms Conservation Area also contains significant sand transport areas necessary to sustain the Coachella Valley fringe-toed lizard. Land acquisition efforts have targeted this area since the late 1990s and the CVMSHCP will continue to focus acquisition efforts here in the future. Even in this Conservation Area where development pressure has been increasing, only 51 acres of Authorized Disturbance have occurred since 1996, while 2,934 acres have been conserved.

Two amendments to the CVMSHCP occurred during 2008. A Like Exchange was completed that allowed the expansion of an existing surface mine in the jurisdiction of the County of Riverside without an allocation of Take. Land was acquired by the project applicant and added to Conservation Areas in exchange for removal of land adjacent to the existing mine within the Desert Tortoise and Linkage Conservation Area. Most of the land added was in the Thermal Canyon area of the Desert Tortoise and Linkage Conservation Area providing significant additional protection to a large wash and the associated desert dry wash woodland natural community on adjacent Bureau of Land Management (BLM) land. A Minor Amendment for the Coachella Valley Water District's Dike 4 groundwater recharge project was also completed in 2008. Dike 4 is located outside the Conservation Area, adjacent to the Travertine project in La Quinta. This Minor Amendment followed the process outlined in Section 6.12.3 of the CVMSHCP which identifies the construction and operation of CVWD water recharge and storage and other water related facilities as described in Section 7.3 of the MSHCP as a Minor Amendment Requiring Wildlife Agency Concurrence.

II. Biological Monitoring and Adaptive Management

Biological Monitoring Program Goals:

The Goals of the Monitoring Program are to provide scientifically reliable data on: (1) the status of Covered Species; (2) spatial and temporal dynamics (amplitude and magnitude) of ecosystem components for the Covered plant and animal Species and natural communities; (3) the threats to these species and natural communities; and (4) the results of research on the management of Covered Species.

Biological Monitoring Program Personnel:

The CVCC contract for implementation of the monitoring program for the CVMSHCP was awarded to a cooperative effort between Jones and Stokes Associates Inc. and UCR for implementation of the Monitoring Program. A three year contract with Jones and Stokes Associates, Inc. was approved in November 2008. Jean Carr of Jones and Stokes Associates, Inc. is the specific individual named as the as Monitoring Program Administrator (MPA) as required by the Plan. UCR is a subcontractor to Jones and Stokes. As of December 31, 2008, the Jones and Stokes subcontract with UCR was in the process of being completed. Since the subcontract with UCR the only activity on the monitoring program covered in the period of the current Annual Report was planning.

CVCC completed a separate contract with UCR for burrowing owl surveys in November 2008. This was necessary to meet the CVMSHCP requirement to complete winter and spring surveys for the burrowing owl within the levees, berms, dikes, and similar features maintained by County Flood Control, CVWD and the Imperial Irrigation District in the Plan Area by October 1, 2009.

Implementation of the Biological Monitoring Program:

The implementation of the biological monitoring program was initiated well in advance of permit issuance with the development of a monitoring framework. The University of California Riverside (UCR), Center for Conservation Biology has been providing biological monitoring services and developing the monitoring framework for the CVMSHCP since 2001, funded by grants from the California Department of Fish and Game. Thus the CVMSHCP begins formal implementation with a considerable head start on development of monitoring protocols and a framework for the monitoring program.

Although work was done to prepare for implementation of the biological monitoring program for a number of years prior to permit issuance, no survey results were reported during the period of this Annual Report. As noted, the contracts for implementation of the program were not fully in place prior to December 31, 2008. Survey work initiated in 2009 will be reported in the next annual report.

III. Management Activities

Management Program Goals:

The goal of the Management Program is to implement management actions and prescriptions that ensure Conservation of the Covered Species and Natural Communities as well as essential ecological processes and biological corridors within the Plan Area. The Management Program will integrate ongoing management and adaptive Management in a multidisciplinary approach which assesses threats and evaluates potential management actions at species, community, and landscape levels.

Management Personnel:

The CVCC began to prepare for implementation of the CVMSHCP Management Program by issuing a request for proposals and conducting interviews for a contract Land Manager in early 2008. CVCC has been negotiating with the Center for Natural Lands Management on a contract for them to serve as land manager. As of December 31, 2008 contract negotiations have not been completed. It is anticipated that the land manager contract will be finalized in early 2009.

The Management Program will also include enforcement activities to address unauthorized access including OHV trespass on MSHCP Reserve Lands. CVCC is working with other partners to develop a joint enforcement agreement which will provide for cooperative enforcement efforts. BLM has law enforcement capabilities and is interested in developing a joint enforcement agreement with CVCC. This agreement could also include other partners with law enforcement personnel, including California State Parks, CDFG, USFWS, and the National Park Service.

Implementation of Management Program:

The organizational structure of the Management Program includes the CVCC land manager working with Reserve Management Unit Committees (RMUCs) composed of representatives from other land management agencies including BLM, CDFG, USFWS, USFS, National Park Service, California State Parks, TNC, and CNLM. The Reserve Management Oversight Committee (RMOC) provides policy oversight for the management and monitoring programs and makes recommendations to the CVCC. As called for in the CVMSHCP, establishment of the RMUCs and RMOC is to occur within 120 days of permit issuance. The CVCC has scheduled establishment of the RMOC and RMUCs at their January 2009 meeting.

The CVMSHCP (Section 8.2.2) calls for the development of a reserve management plan within 3 years of permit issuance. This plan will evaluate existing management activities and delineate cost estimates, staffing needs, and schedules for implementation. The CVMSHCP Management Program emphasizes coordination of management of Existing Conservation lands owned by federal, state, and local agencies with lands acquired by the

CVCC and other Permittees within the MSHCP Reserve System. It is anticipated that work plans for coordinated monitoring and management of the reserve lands will be developed in early 2009 by the Land Manager, Monitoring Program Administrator, and Reserve Management Unit Committees. These plans will be reviewed by the Reserve Management Oversight Committee before they are submitted to the CVCC. The CVCC is responsible for approval of the annual work plans and associated budgets for the Management Program.

IV. Land Acquisition to Achieve the Conservation Goals and Objectives of the CVMSHCP

The assembly of the Coachella Valley MSHCP Reserve System is described in terms of the acquisition of lands by local, state, non-profit, federal, and other partners. As described in Section 4.0 of the CVSHCP, the areas that will be permanently conserved are described as the MSHCP Reserve System. This MSHCP Reserve System will be established from lands within 21 Conservation Areas. Because some Take Authorization is provided under the Plan for Development in Conservation Areas, the actual MSHCP Reserve System will be somewhat smaller than the total acres in the Conservation Areas. When assembled, the Reserve System will provide for the Conservation of the Covered Species in the Plan Area. The Conservation Areas are further described in terms of Core Habitat, Other Conserved Habitat, the conserved natural communities, Essential Ecological Processes, and Biological Corridors and Linkages.

The following table reports progress toward the assembly of the MSHCP Reserve System as of 2009. Section 4.0 of the CVMSHCP provides a detailed description of the reserve assembly. The following table is the same as Table 4-1 in the CVMSHCP although here it has been updated to report progress toward reserve assembly as of the end of 2008. The table shows acreage as of 1996, at the time the Planning Agreement was signed, and as of December 31, 2008, the most recent data available. As previously noted, Conservation Objectives, Take Authorization, and Permittee mitigation obligations are based on the 1996 acreages. The 2008 acreages show what Conservation occurred between 1996 and December 2008.

Reserve System Assembly

1996	2008	Lands
458,800	487,500	Existing federal lands in MSHCP Reserve System ¹
32,700	44,600	Existing state lands in MSHCP Reserve System
900	21,100	Existing non-profit organization lands in MSHCP Reserve System ²
4,000	8,800	Existing Local Permittee Conservation lands in the MSHCP Reserve System
496,400	562,000	<i>SUBTOTAL</i>
69,290	30,290	Acres of Complementary Conservation
39,850	19,930	Acres to be acquired by state and federal agencies
7,500	7,500	Additional Local Permittee acres for which there will be cooperation to conserve
93,100	88,300	Acres to be acquired or otherwise conserved by the Local Permittees
10,800	10,800	Non-Permittee public and quasi-public lands
7,800	7,800	Fluvial sand transport area where the Conservation Objective is met through non-acquisition. Development consistent with Conservation Objectives is allowed. ³
228,340	161,480	<i>SUBTOTAL - COMPLEMENTARY CONSERVATION AND ADDITIONAL CONSERVATION LANDS</i>
22,660	22,420	Potential Development within Conservation Areas from Table 5-1.
747,400	745,900	<i>TOTAL – CONSERVATION AREAS</i>

¹ The acreage includes lands purchased by non-profit organizations and donated to federal agencies.

² The acreage includes lands owned by non-profit organizations but acquired with State grant funds or local funds.

³ These acres are in the Cabazon, Long Canyon, and West Deception Canyon Conservation Areas.

V. Conservation and Authorized Disturbance Within Conservation Areas

The CVMSHCP includes Conservation Objectives which are articulated for conserving Core Habitat for Covered Species and conserved natural communities, Essential Ecological Processes necessary to maintain habitat viability, and Biological Corridors and Linkages within each of the 21 Conservation Areas. The progress toward achieving the Conservation Goals and Objectives for the CVMSHCP is reported here from two different perspectives, by Conservation Objective and by Covered Species or natural community. The amount of conservation and the amount of disturbance are reported in the same tables for comparative purposes. This Annual Report includes the conservation and authorized disturbance since 1996, including the reporting period from October 1 to December 31, 2008.

The progress toward our goals in terms of the Conservation Objectives is presented in Table 2b. Because of its length, Table 2b is included at the end of this report. Table 2b identifies the acres conserved since 1996 by Conservation Area, listed alphabetically. It includes an accounting of the number of acres conserved to achieve the Conservation Objectives within each of the Conservation Areas. Within each Conservation Area, the acres conserved are listed by Conservation Objective. Table 2 also identifies the acres of disturbance since 1996 by Conservation Objective.

Table 3 presents the acres of land conserved for each Covered Species and natural community. Again because of its length, Table 3 is included at the end of this report. Table 3 includes the total acres of conservation and authorized disturbance for each species.

VI. Covered Activities Outside Conservation Areas

The CVMSHCP allows for development and other Covered Activities outside the Conservation Areas which does not have to meet specific conservation objectives. Table 4 includes an accounting of the number of acres of Core Habitat and Other Conserved Habitat for the Covered Species and conserved natural communities that have been developed or impacted by Covered Activities outside the Conservation Areas. This information is listed for each of the Permittees with lands impacted by covered activities outside the Conservation Areas. The total acres of development or impact are listed for each Covered Species and natural community.

Development inside Conservation Areas has been carefully tracked and subject to review under the 1996 Memorandum of Understanding that began the planning process for the MSHCP. There has been no such reporting obligation for development outside Conservation Areas. The acre figures below are estimates derived from the Developed area of the California Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program GIS coverages from 1996 and 2006. See <http://www.conservation.ca.gov/dlrp/FMMP/Pages/Index.aspx> for more detail on the Farmland Mapping and Monitoring Program.

Table 4: Acres Impacted by Covered Activities Outside the Conservation Areas Since 1996

Species / Natural Community	Permittee	Outside Conservation Area - Developed
Arroyo Toad	Riverside County	0
Arroyo Toad Total		0
California Black Rail	Indio	0
	Riverside County	0
	Coachella	0
California Black Rail Total		0
Coachella Valley Fringe-toed Lizard	Indio	356
	Riverside County	199
	Coachella	0
	Palm Springs	332
	Rancho Mirage	534
	Palm Desert	394
	Cathedral City	237
	Indian Wells	424
	La Quinta	402

Species / Natural Community	Permittee	Outside Conservation Area - Developed
<i>Coachella Valley Fringe-toed Lizard Total</i>		2,880
<i>Coachella Valley Giant Sand-treader Cricket</i>	Indio	356
	Riverside County	199
	Coachella	0
	Palm Springs	332
	Rancho Mirage	534
	Palm Desert	394
	Cathedral City	237
	Indian Wells	424
	La Quinta	402
<i>Coachella Valley Giant Sand-treader Cricket Total</i>		2,880
<i>Coachella Valley Jerusalem Cricket</i>	Riverside County	58
	Palm Springs	332
	Rancho Mirage	494
	Palm Desert	5
	Cathedral City	245
	Desert Hot Springs	0
<i>Coachella Valley Jerusalem Cricket Total</i>		1,134
<i>Coachella Valley Milkvetch</i>	Riverside County	194
	Palm Springs	301
	Rancho Mirage	534
	Palm Desert	394
	Cathedral City	197
	Indian Wells	334
	La Quinta	0
	Desert Hot Springs	0
<i>Coachella Valley Milkvetch Total</i>		1,954
<i>Coachella Valley Round-tailed Ground Squirrel</i>	Indio	733
	Riverside County	1,353
	Coachella	51
	Palm Springs	340
	Rancho Mirage	540

Species / Natural Community	Permittee	Outside Conservation Area - Developed
	Palm Desert	518
	Cathedral City	372
	Indian Wells	706
	La Quinta	500
	Desert Hot Springs	0
<i>Coachella Valley Round-tailed Ground Squirrel Total</i>		5,113
Crissal Thrasher	Indio	203
	Riverside County	56
	Coachella	6
	Cathedral City	0
	Indian Wells	21
	La Quinta	30
	Desert Hot Springs	0
<i>Crissal Thrasher Total</i>		317
Desert Tortoise	Indio	0
	Riverside County	637
	Coachella	0
	Palm Springs	3
	Rancho Mirage	65
	Palm Desert	351
	Cathedral City	1
	Indian Wells	212
	La Quinta	235
	Desert Hot Springs	0
<i>Desert Tortoise Total</i>		1,502
Grayey's Vireo	Riverside County	5
	Palm Springs	0
<i>Grayey's Vireo Total</i>		5
Le Conte's Thrasher	Indio	758
	Riverside County	1,850
	Coachella	65
	Palm Springs	348
	Rancho Mirage	672
	Palm Desert	755
	Cathedral City	250
	Indian Wells	814
	La Quinta	661

Species / Natural Community	Permittee	Outside Conservation Area - Developed
	Desert Hot Springs	0
<i>Le Conte's Thrasher Total</i>		6,172
Little San Bernardino Mountains Linanthus	Riverside County	0
	Desert Hot Springs	0
<i>Little San Bernardino Mountains Linanthus Total</i>		0
Mecca Aster	Indio	1
	Riverside County	0
<i>Mecca Aster Total</i>		1
Orocopia Sage	Riverside County	7
<i>Orocopia Sage Total</i>		7
Palm Springs Pocket Mouse	Indio	677
	Riverside County	1,593
	Coachella	44
	Palm Springs	346
	Rancho Mirage	584
	Palm Desert	591
	Cathedral City	372
	Indian Wells	724
	La Quinta	499
	Desert Hot Springs	0
<i>Palm Springs Pocket Mouse Total</i>		5,429
Peninsular Bighorn Sheep	Riverside County	134
	Palm Springs	0
	Rancho Mirage	1
	Palm Desert	156
	Cathedral City	1
	Indian Wells	1
	La Quinta	37
<i>Peninsular Bighorn Sheep Total</i>		330
Potential Flat-tailed Horned Lizard	Riverside County	7
	Palm Springs	12

Species / Natural Community	Permittee	Outside Conservation Area - Developed
	Cathedral City	0
	Desert Hot Springs	0
Potential Flat-tailed Horned Lizard Total		19
Predicted Flat-tailed Horned Lizard	Indio	399
	Riverside County	397
	Coachella	22
	Palm Springs	320
	Rancho Mirage	533
	Palm Desert	394
	Cathedral City	220
	Indian Wells	424
	La Quinta	383
Predicted Flat-tailed Horned Lizard Total		3,092
Southern Yellow Bat	Riverside County	0
	Palm Springs	0
	Rancho Mirage	0
	Cathedral City	0
	Desert Hot Springs	0
Southern Yellow Bat Total		0
Triple-ribbed Milkvetch	Riverside County	0
	Palm Springs	0
Triple-ribbed Milkvetch Total		0
Yuma Clapper Rail	Indio	0
	Riverside County	0
	Coachella	0
Yuma Clapper Rail Total		0
Black oak forest	Riverside County	0
Black oak forest Total		0
Blackbrush scrub	Riverside County	0
Blackbrush scrub Total		0
Mojave mixed woody scrub	Riverside County	0

Species / Natural Community	Permittee	Outside Conservation Area - Developed
	Desert Hot Springs	0
<i>Mojave mixed woody scrub Total</i>		0
Sonoran creosote bush scrub	Indio	243
	Riverside County	524
	Coachella	47
	Palm Springs	2
	Rancho Mirage	20
	Palm Desert	183
	Cathedral City	0
	Indian Wells	24
	La Quinta	172
	Desert Hot Springs	0
<i>Sonoran creosote bush scrub Total</i>		1,216
Interior live oak chaparral	Riverside County	0
	Palm Springs	0
<i>Interior live oak chaparral Total</i>		0
Mojave mixed steppe	Riverside County	0
<i>Mojave mixed steppe Total</i>		0
Sonoran mixed woody & succulent scrub	Indio	1
	Riverside County	413
	Palm Springs	12
	Rancho Mirage	0
	Palm Desert	0
	Cathedral City	9
	Indian Wells	0
	La Quinta	7
	Desert Hot Springs	0
<i>Sonoran mixed woody & succulent scrub Total</i>		442
Southern sycamore-alder riparian woodland	Riverside County	0
	Palm Springs	0

Species / Natural Community	Permittee	Outside Conservation Area - Developed
<i>Southern sycamore-alder riparian woodland Total</i>		0
Upper Sonoran mixed chaparral	Riverside County	0
<i>Upper Sonoran mixed chaparral Total</i>		0
Mesquite bosque	Riverside County	0
<i>Mesquite bosque Total</i>		0
Mojavean pinyon & juniper woodland	Riverside County	0
<i>Mojavean pinyon & juniper woodland Total</i>		0
Semi-desert chaparral	Riverside County	0
	Palm Springs	0
<i>Semi-desert chaparral Total</i>		0
Northern mixed chaparral	Riverside County	0
<i>Northern mixed chaparral Total</i>		0
Peninsular juniper woodland & scrub	Riverside County	0
	Palm Springs	0
<i>Peninsular juniper woodland & scrub Total</i>		0
Desert dry wash woodland	Indio	0
	Riverside County	88
	Coachella	0
	Palm Springs	0
	Rancho Mirage	45
	Palm Desert	167
	Cathedral City	0
	Indian Wells	187
	La Quinta	55
	Desert Hot Springs	0
<i>Desert dry wash woodland Total</i>		544

Species / Natural Community	Permittee	Outside Conservation Area - Developed
Stabilized shielded sand fields	Indio	356
	Riverside County	68
	Coachella	0
	Palm Springs	260
	Rancho Mirage	534
	Palm Desert	315
	Cathedral City	237
	Indian Wells	424
	La Quinta	402
Stabilized shielded sand fields Total		2,597
Ephemeral sand fields	Riverside County	7
	Palm Springs	72
	Cathedral City	0
Ephemeral sand fields Total		80
Scrub oak chaparral	Riverside County	0
Scrub oak chaparral Total		0
Red shank chaparral	Riverside County	0
Red shank chaparral Total		0
Bigcone spruce-canyon oak forest	Riverside County	0
Bigcone spruce-canyon oak forest Total		0
Chamise chaparral	Riverside County	0
Chamise chaparral Total		0
Desert fan palm oasis woodland	Riverside County	0
	Palm Springs	0
	Rancho Mirage	0
	Cathedral City	0
	Desert Hot Springs	0
Desert fan palm oasis woodland Total		0
Arrowweed scrub	Riverside County	0
Arrowweed scrub Total		0

Species / Natural Community	Permittee	Outside Conservation Area - Developed
Desert sink scrub	Riverside County	60
<i>Desert sink scrub Total</i>		60
Coastal and valley freshwater marsh	Indio	0
	Riverside County	0
	Coachella	0
<i>Coastal and valley freshwater marsh Total</i>		0
Active desert dunes	Riverside County	2
	Palm Springs	0
<i>Active desert dunes Total</i>		2
Sonoran cottonwood-willow riparian forest	Indio	0
	Riverside County	0
	Coachella	0
	Palm Springs	0
<i>Sonoran cottonwood-willow riparian forest Total</i>		0
Mesquite hummocks	Indio	30
	Riverside County	3
	Coachella	2
	Cathedral City	0
	Indian Wells	21
	La Quinta	30
	Desert Hot Springs	0
<i>Mesquite hummocks Total</i>		88
Stabilized desert sand fields	Indio	0
	Riverside County	0
	Palm Springs	0
	Cathedral City	0
<i>Stabilized desert sand fields Total</i>		0
Active sand fields	Riverside County	121
	Palm Springs	0
	Cathedral City	0
<i>Active sand fields Total</i>		121

Species / Natural Community	Permittee	Outside Conservation Area - Developed
Cismontane alkali marsh	Riverside County	0
<i>Cismontane alkali marsh Total</i>		0
Southern arroyo willow riparian forest	Riverside County	0
	Palm Springs	0
<i>Southern arroyo willow riparian forest Total</i>		0
Desert saltbush scrub	Indio	173
	Riverside County	52
	Coachella	4
	La Quinta	0
<i>Desert saltbush scrub Total</i>		229
Stabilized desert dunes	Riverside County	0
	Cathedral City	0
<i>Stabilized desert dunes Total</i>		0
Jeffrey pine-fir forest	Riverside County	0
<i>Jeffrey pine-fir forest Total</i>		0
Westside ponderosa pine forest	Riverside County	0
<i>Westside ponderosa pine forest Total</i>		0
Jeffrey pine forest	Riverside County	0
<i>Jeffrey pine forest Total</i>		0
Mixed montane chaparral	Riverside County	0
<i>Mixed montane chaparral Total</i>		0
Upper Sonoran manzanita chaparral	Riverside County	0
<i>Upper Sonoran manzanita chaparral Total</i>		0
Canyon live oak forest	Riverside County	0
<i>Canyon live oak forest Total</i>		0

Species / Natural Community	Permittee	Outside Conservation Area - Developed
Coulter pine forest	Riverside County	0
<i>Coulter pine forest Total</i>		0
Sierran mixed coniferous forest	Riverside County	0
<i>Sierran mixed coniferous forest Total</i>		0
Southern California subalpine forest	Riverside County	0
<i>Southern California subalpine forest Total</i>		0
Desert Pupfish	Indian Wells	0
<i>Desert Pupfish Total</i>		0
Least Bell's Vireo - Breeding Habitat	Indio	30
	Riverside County	3
	Coachella	2
	Palm Springs	0
	Rancho Mirage	0
	Cathedral City	0
	Indian Wells	21
	La Quinta	30
	Desert Hot Springs	0
<i>Least Bell's Vireo - Breeding Habitat Total</i>		88
Least Bell's Vireo - Migratory Habitat	Indio	173
	Riverside County	201
	Coachella	4
	Palm Springs	0
	Rancho Mirage	45
	Palm Desert	167
	Cathedral City	0
	Indian Wells	187
	La Quinta	55
	Desert Hot Springs	0
<i>Least Bell's Vireo - Migratory Habitat Total</i>		833

Species / Natural Community	Permittee	Outside Conservation Area - Developed
Southwestern Willow Flycatcher - Breeding Habitat	Indio	0
	Riverside County	0
	Coachella	0
	Palm Springs	0
	Rancho Mirage	0
	Cathedral City	0
	Desert Hot Springs	0
Southwestern Willow Flycatcher - Breeding Habitat Total		0
Southwestern Willow Flycatcher - Migratory Habitat	Indio	203
	Riverside County	204
	Coachella	6
	Palm Springs	0
	Rancho Mirage	45
	Palm Desert	167
	Cathedral City	0
	Indian Wells	209
	La Quinta	86
	Desert Hot Springs	0
Southwestern Willow Flycatcher - Migratory Habitat Total		921
Summer Tanager - Breeding Habitat	Indio	0
	Riverside County	0
	Coachella	0
	Palm Springs	0
	Rancho Mirage	0
	Cathedral City	0
	Desert Hot Springs	0
Summer Tanager - Breeding Habitat Total		0
Summer Tanager - Migratory Habitat	Indio	203

Species / Natural Community	Permittee	Outside Conservation Area - Developed
	Riverside County	204
	Coachella	6
	Palm Springs	0
	Rancho Mirage	45
	Palm Desert	167
	Cathedral City	0
	Indian Wells	209
	La Quinta	86
	Desert Hot Springs	0
Summer Tanager - Migratory Habitat Total		921
Yellow Warbler - Breeding Habitat	Indio	0
	Riverside County	0
	Coachella	0
	Palm Springs	0
	Rancho Mirage	0
	Cathedral City	0
	Desert Hot Springs	0
Yellow Warbler - Breeding Habitat Total		0
Yellow Warbler - Migratory Habitat	Indio	203
	Riverside County	204
	Coachella	6
	Palm Springs	0
	Rancho Mirage	45
	Palm Desert	167
	Cathedral City	0
	Indian Wells	209
	La Quinta	86
	Desert Hot Springs	0
Yellow Warbler - Migratory Habitat Total		921
Yellow-breasted Chat - Breeding Habitat	Indio	0
	Riverside County	0
	Coachella	0
	Palm Springs	0

Species / Natural Community	Permittee	Outside Conservation Area - Developed
	Rancho Mirage	0
	Cathedral City	0
	Desert Hot Springs	0
<i>Yellow-breasted Chat - Breeding Habitat Total</i>		<i>0</i>
<i>Yellow-breasted Chat - Migratory Habitat</i>	Indio	203
	Riverside County	204
	Coachella	6
	Palm Springs	0
	Rancho Mirage	45
	Palm Desert	167
	Cathedral City	0
	Indian Wells	209
	La Quinta	86
	Desert Hot Springs	0
<i>Yellow-breasted Chat - Migratory Habitat Total</i>		<i>921</i>

VII. Status of Covered Species

An overview of the status of each of the Covered Species is presented in Table 2a indicating the total acres of conservation and Authorized Disturbance since 1996. The complete status of each of the Covered Species with respect to the Conservation Goals and Objectives is presented in Table 2b at the end of this document. Table 2b identifies the very limited amount of disturbance that has occurred within the Conservation Areas that affects the Conservation Objectives for Covered Species. Table 3 follows Table 2b and includes the total acres of conservation and authorized disturbance for each Covered Species.

Authorized Disturbance which affects Covered Species Conservation Objectives has occurred in five Conservation Areas: Coachella Valley Stormwater Channel and Delta Conservation Area, Edom Hill Conservation Area, Thousand Palms Conservation Area, Whitewater Floodplain Conservation Area, and Willow Hole Conservation Area. With the exception of Thousand Palms Conservation Area, the disturbance has affected less than 10 acres of Covered Species habitat.

Table 2a: Total Acres of Conservation and Authorized Disturbance for Covered Species Since 1996

Species	Authorized Disturbance Since 1996 (Total Acres)	Conserved Since 1996 (Total Acres)
<i>Arroyo Toad</i>	0.00	676.20
<i>California Black Rail</i>	0.00	222.69
<i>Coachella Valley Fringe-toed Lizard</i>	1.84	1,809.12
<i>Coachella Valley Giant Sand-treader Cricket</i>	1.84	1,809.12
<i>Coachella Valley Jerusalem Cricket</i>	7.65	2,579.70
<i>Coachella Valley Milkvetch</i>	13.44	4,370.75
<i>Coachella Valley Round-tailed Ground Squirrel</i>	41.83	6,367.24
<i>Crissal Thrasher</i>	6.39	362.34
<i>Desert Tortoise</i>	21.85	41,273.21
<i>Gray Vireo</i>	0.00	9,674.10
<i>Le Conte's Thrasher</i>	65.95	18,691.52

Species	Authorized Disturbance Since 1996 (Total Acres)	Conserved Since 1996 (Total Acres)
<i>Least Bell's Vireo - migratory habitat</i>	16.64	3,673.01 <u>3,314</u>
<i>Least Bell's Vireo - breeding habitat</i>	<u>0.00</u>	<u>355</u>
<i>Little San Bernardino Mountains Linanthus</i>	0.00	387.58
<i>Mecca Aster</i>	0.00	2,434.65
<i>Orocopia Sage</i>	0.00	2,512.10
<i>Palm Springs Pocket Mouse</i>	74.54	14,032.12
<i>Peninsular Bighorn Sheep</i>	0.00	19,763.87
<i>Potential Flat-tailed Horned Lizard</i>	0.16	441.08
<i>Predicted Flat-tailed Horned Lizard</i>	4.79	1,127.60
<i>Southern Yellow Bat</i>	0.00	16.77
<i>Southwestern Willow Flycatcher – migratory habitat</i>	16.64	3,673.01 <u>3,418.66</u>
<i>Southwestern Willow Flycatcher – breeding habitat</i>	<u>0.00</u>	<u>254.36</u>
<i>Summer Tanager – breeding habitat</i>	0.00	254.36
<i>Summer Tanager – migratory habitat</i>	16.64	3,418.66
<i>Triple-ribbed Milkvetch</i>	6.72	569.74
<i>Yellow Breasted Chat – migratory habitat</i>	16.64	3,418.49
<i>Yellow-breasted Chat – breeding habitat</i>	<u>0.00</u>	<u>254.52</u>
<i>Yellow Warbler – migratory habitat</i>	16.64	3,673.01
<i>Yellow Warbler – breeding habitat</i>	0.000-00	254.52 <u>254.36</u>
<i>Yuma Clapper Rail</i>	0.00	242.79

The following is a brief summary of the status of Covered Species:

Arroyo Toad. Acquisition of arroyo toad habitat in the Whitewater Canyon Conservation Area since 1996 has resulted in conservation of 96% of this species Core Habitat. At the close of 2008, the Friends of the Desert Mountains completed acquisition of 260 acres in Whitewater Canyon, assuring the long-term conservation of the only arroyo toad habitat in the CVMSHCP area.

California Black Rail. The conservation that has occurred within the CVMSHCP Conservation Areas has resulted in protection of 67% of the California black rail habitat in the Dos Palmas Conservation Area where this species is known to occur.

Coachella Valley Fringe-toed Lizard. The summary of conservation of habitat for the Coachella Valley fringe-toed lizard in terms of progress toward meeting the conservation of habitat is as follows:

- Edom Hill Conservation Area: 108% of the Conservation Objective has been achieved
- Snow Creek/Windy Point Conservation Area: 37% of the Conservation Objective within the City of Palm Springs and 54% within Riverside County has been achieved
- Thousand Palms Conservation Area: 78% of the Conservation Objective has been achieved within Riverside County.
- Whitewater Floodplain Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Willow Hole Conservation Area: 48% of the Conservation Objective within the City of Cathedral City and 65% within Riverside County has been achieved

Coachella Valley Giant Sand Treader Cricket. Conservation of habitat for the Coachella Valley giant sand-treader cricket has resulted progress toward meeting the Conservation Objectives in the Conservation Areas where Core Habitat for this species occurs:

- Edom Hill Conservation Area: 43% of the Conservation Objective for Other Conserved Habitat within Riverside County has been achieved
- Snow Creek/Windy Point Conservation Area: 37% of the Conservation Objective within the City of Palm Springs and 55% within Riverside County has been achieved
- Thousand Palms Conservation Area: 78% of the Conservation Objective has been achieved within Riverside County.
- Whitewater Floodplain Conservation Area: No conservation has yet occurred for this species in this Conservation Area.

Coachella Valley Jerusalem Cricket. Progress toward meeting the Conservation Objectives for Core Habitat for the Coachella Valley Jerusalem Cricket are as follows:

- Snow Creek/Windy Point Conservation Area: 31% of the Conservation Objective within the City of Palm Springs and 52% within Riverside County has been achieved

- Highway 111/I-10 Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Upper Mission Creek/Big Morongo Canyon Conservation Area: 3% of the Conservation Objective within Riverside County has been achieved.

Coachella Valley Milkvetch

- Edom Hill Conservation Area: 75% of the Conservation Objective within the City of Cathedral City and 79% within Riverside County has been achieved
- Snow Creek/Windy Point Conservation Area: 31% of the Conservation Objective within the City of Palm Springs and 46% within Riverside County has been achieved
- Highway 111/I-10 Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Thousand Palms Conservation Area: 71% of the Conservation Objective has been achieved within Riverside County
- Whitewater Floodplain Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Willow Hole Conservation Area: 48% of the Conservation Objective within the City of Cathedral City and 51% within Riverside County has been achieved

Coachella Valley Round-tailed Ground Squirrel

- East Indio Hills Conservation Area: 2% of the Conservation Objective within the Riverside County has been achieved. No conservation for this species has occurred within other jurisdictions to date.
- Edom Hill Conservation Area: 85% of the Conservation Objective for Other Conserved Habitat within the City of Cathedral City and 78% within Riverside County has been achieved
- Highway 111/I-10 Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Snow Creek/Windy Point Conservation Area: 31% of the Conservation Objective within the City of Palm Springs and 50% within Riverside County has been achieved
- Thousand Palms Conservation Area: 45% of the Conservation Objective for Core Habitat within Riverside County has been achieved
- Willow Hole Conservation Area: 58% of the Conservation Objective for Core Habitat within the City of Cathedral City and 80% within Riverside County has been achieved
- Whitewater Floodplain Conservation Area: 1% of the Conservation Objective within the City of Palm Springs has been achieved. No conservation for this species has occurred within other jurisdictions to date.

Crissal Thrasher

- Coachella Valley Stormwater Channel and Delta Conservation Area: Conservation of Crissal thrasher habitat has not yet been accomplished within this Conservation Area.

- Dos Palmas Conservation Area: 39% of the Core Habitat within this Conservation Area has been conserved

Desert Tortoise

- Desert Tortoise and Linkage Conservation Area: 3% of the acres of Core Habitat needed to achieve the Conservation Objective within Riverside County for desert tortoise have been acquired. In addition approximately 4% of the corridor area has been protected.
- Indio Hills/Joshua Tree National Park Linkage Conservation Area: 82% of the Core Habitat for desert tortoise has been conserved.
- Joshua Tree National Park Conservation Area: 53% of the Core Habitat for desert tortoise has been conserved.
- Mecca Hills/Orocopia Mountains Conservation Area: 13% of the Core Habitat for desert tortoise has been conserved.
- Santa Rosa and San Jacinto Mountains Conservation Area: 45% of the Other Conserved Habitat for desert tortoise in Riverside County, 4% in Cathedral City, 11% in La Quinta, 117% in Palm Desert, and 40% in Palm Springs has been conserved.
- Stubbe and Cottonwood Canyons Conservation Area: 28% of the Core Habitat for desert tortoise in Riverside County has been conserved.
- Upper Mission Creek/Big Morongo Canyon Conservation Area: 43% of the Core Habitat for desert tortoise in Riverside County has been conserved.
- Whitewater Canyon Conservation Area: 68% of the Core Habitat within Riverside County has been conserved.

Flat-tailed Horned Lizard

- Dos Palmas Conservation Area: 7% of the Predicted Other Conserved Habitat for this species has been conserved within Riverside County.
- East Indio Hills Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Thousand Palms Conservation Area: 77% of the Conservation Objective has been achieved for Predicted Core Habitat for this species.

Gray Vireo

- Joshua Tree National Park Conservation Area: 151% of the Other Conserved Habitat for this species has been conserved.
- Santa Rosa and San Jacinto Mountains Conservation Area: 62% of the Conservation Objective for Other Conserved Habitat has been achieved within Riverside County; 71% of the Conservation Objective for Other Conserved Habitat in Palm Springs has been achieved.

Le Conte's Thrasher

- Coachella Valley Stormwater Channel and Delta Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Desert Tortoise and Linkage Conservation Area: 2% of the Conservation Objective within Riverside County has been achieved.

- Dos Palmas Conservation Area: 16% of the Conservation Objective within Riverside County has been achieved.
- East Indio Hills Conservation Area: 3% of the Conservation Objective within Riverside County has been achieved.
- Edom Hill Conservation Area: 72% of the Conservation Objective within Cathedral City and 67% within Riverside County has been achieved.
- Highway 111/I-10 Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Indio Hills Palms Conservation Area: No conservation has yet occurred for this species in this Conservation Area.
- Indio Hills/Joshua Tree National Park Conservation Area: 99% of the Conservation Objective within Riverside County has been achieved.
- Joshua Tree National Park Conservation Area: 40% of the Conservation Objective within Riverside County has been achieved.
- Mecca Hills/Orocopia Mountains Conservation Area: 15% of the Conservation Objective for Other Conserved Habitat has been achieved.
- Santa Rosa and San Jacinto Mountains Conservation Area: 59% of the Conservation Objective for conservation of Other Conserved Habitat within Riverside County, 35% within Cathedral City, 13% within La Quinta, and 59% within Palm Springs has been achieved
- Snow Creek/Windy Point Conservation Area: 28% of the Conservation Objective for conservation of Other Conserved Habitat within Palm Springs and 50% within Riverside County has been achieved
- Stubbe and Cottonwood Canyon Conservation Area: 41% of the Conservation Objective for conservation of Other Conserved Habitat within Riverside County has been achieved
- Thousand Palms Conservation Area: 38% of the Conservation Objective for conservation of Other Conserved Habitat within Riverside County has been achieved
- Upper Mission Creek/Big Morongo Canyon Conservation Area: 7% of the Other Conserved Habitat for desert tortoise in Riverside County has been conserved.
- Whitewater Floodplain Conservation Area: 1% of the Other Conserved Habitat for desert tortoise in Palm Springs has been conserved
- Willow Hole Conservation Area: 64% of the Other Conserved Habitat within Cathedral City has been conserved

Least Bell's Vireo. The CVMSHCP does not include specific acreage Conservation Objectives for the Least Bell's vireo. Conservation of this species habitat is ensured by the no net loss provision for riparian habitat that is essential for this species.

Little San Bernardino Mountains Linanthus

- Upper Mission Creek/Big Morongo Canyon Conservation Area: 8% of the Core Habitat for this species has been conserved in Riverside County
- Whitewater Canyon Conservation Area: 80% of the Other Conserved Habitat for this species has been conserved in Riverside County

Mecca Aster

- Desert Tortoise and Linkage Conservation Area: 10% of the Cored Habitat in Riverside County has been conserved
- East Indio Hills Conservation Area: 5% of the Core Habitat within this Conservation Area has been conserved
- Indio Hills Palms Conservation Area: 45% of the Conservation Objective for Core Habitat within Riverside County has been achieved
- Mecca Hills/Orocopia Mountains Conservation Area: 5% of the Conservation Objective for Core Habitat within Riverside County has been achieved
- Thousand Palms Conservation Area: 28% of the Conservation Objective has been achieved

Orocopia Sage

- Desert Tortoise and Linkage Conservation Area: Acquisition to provide conservation of habitat for this species has not yet occurred.
- Mecca Hills/Orocopia Mountains Conservation Area: 13% of the Core Habitat for Orocopia sage has been conserved.

Palm Springs Pocket Mouse

- East Indio Hills Conservation Area: 2% of the Conservation Objective within Riverside County has been achieved.
- Edom Hill Conservation Area: 84% of the Conservation Objective within the City of Cathedral City and 78% within Riverside County has been achieved
- Highway 111/I-10 Conservation Area: No conservation for this species has occurred in this Conservation Area to date.
- Snow Creek/Windy Point Conservation Area: 31% of the Conservation Objective within the City of Palm Springs and 55% within Riverside County has been achieved
- Thousand Palms Conservation Area: 39% of the Conservation Objective has been achieved
- Upper Mission Creek/Big Morongo Canyon Conservation Area: 6% of the Conservation Objective for Core Habitat in Riverside County has been achieved.
- Willow Hole Conservation Area: 58% of the Conservation Objective within the City of Cathedral City and 38% within Riverside County has been achieved
- Whitewater Floodplain Conservation Area: 1% of the Conservation Objective for Core Habitat within Palm Springs has been achieved.

Peninsular Bighorn Sheep

- Cabazon Conservation Area: No conservation for this species has been achieved to date in this Conservation Area.
- Santa Rosa and San Jacinto Mountains Conservation Area: 16% of Recovery Zone 1, 57% of Recovery Zone 2, 62% of Recovery Zone 3, and 228% of Recovery Zone 4 has been achieved in Riverside County. Within Cathedral City, 4% of Recovery Zone 2 has been achieved. Within La Quinta, 6% of Recovery Zone 3 has been conserved. Within Palm Desert, 741% of Recovery Zone 2 has

been conserved. Within Palm Springs, 62% of Recovery Zone 1 and 83% of Recovery Zone 2 has been conserved.

- Snow Creek/Windy Point Conservation Area: No conservation for this species has been achieved to date in this Conservation Area.
-

Southern Yellow Bat. The CVMSHCP does not include specific acreage Conservation Objectives for the Southern Yellow bat. Conservation of this species habitat is ensured by the conservation of desert fan palm oases that are essential for this species.

Southwestern Willow Flycatcher. The CVMSHCP does not include specific acreage Conservation Objectives for this species. Conservation of this species habitat is ensured by the no net loss provision for riparian habitat that is essential for Southwestern Willow Flycatcher.

Summer Tanager. The CVMSHCP does not include specific acreage Conservation Objectives for Summer Tanager. Conservation of this species habitat is ensured by the no net loss provision for riparian habitat that is essential for this species.

Triple-ribbed Milkvetch

- Upper Mission Creek/Big Morongo Canyon Conservation Area: 60% of the Conservation Objective within Riverside County has been achieved
- Whitewater Canyon Conservation Area: 75% of the Conservation Objective within Riverside County has been achieved

Yellow Breasted Chat. The CVMSHCP does not include specific acreage Conservation Objectives for yellow breasted chat. Conservation of this species habitat is ensured by the no net loss provision for riparian habitat that is essential for this species.

Yellow Warbler. The CVMSHCP does not include specific acreage Conservation Objectives for yellow warbler. Conservation of this species habitat is ensured by the no net loss provision for riparian habitat that is essential for this species.

Yuma Clapper Rail

- Coachella Valley Stormwater Channel and Delta: No conservation for this species has yet occurred in this Conservation Area.
- Dos Palmas Conservation Area: 60% of the Conservation Objective for Other Conserved Habitat within Riverside County has been achieved

As management of the MSHCP Reserve System and the Covered Species was not initiated during the reporting period for this report an assessment of progress toward the species conservation goals and objectives will be reported in the 2009 Annual Report.

VIII. Significant Issues in Plan Implementation

The Coachella Valley Multiple Species Habitat Conservation Plan/Natural Community Conservation Plan (CVMSHCP) received its federal permit on October 1, 2008. The focus of the CVMSHCP is now fully on initial implementation. Contracts for Acquisitions Manager and Monitoring Program Administrator have been completed. A contractor for Land Manager has been selected. All the Cities and the County of Riverside have passed Fee Ordinances; fees are being collected and remitted to the Coachella Valley Conservation Commission (CVCC). Monthly meetings are being held with U.S. Fish and Wildlife Service and California Department of Fish and Game to develop consistent procedures and coordinate implementation of the CVMSHCP.

IX. Expenditures for CVMSHCP: 2008/2009 Budget

COACHELLA VALLEY CONSERVATION COMMISSION FISCAL YEAR 2008/09 BUDGET

	MANAGEMENT & MONITORING	GENERAL ADMINISTRATION	LAND ACQUISITION	ENDOWMENT	LIZARD ENDOWMENT	TOTAL
BEGINNING FUND BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
REVENUES:						
Development mitigation fees	\$ -	\$ -	\$ 3,223,125	\$ -	\$ -	\$ 3,223,125
Agencies mitigation fees	-	-	15,025,000	1,121,680	-	16,146,680
Tipping fee	-	530,000	-	-	-	530,000
Other Revenue	-	-	34,800	-	-	34,800
Investment Income	-	800	33,700	9,200	-	43,700
Total Revenues	\$ -	\$ 530,800	\$ 18,316,625	\$ 1,130,880	\$ -	\$ 19,978,305
EXPENDITURES:						
Comprehensive Insurance	\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ 6,600
Per Diem Payments	-	7,800	-	-	-	7,800
Software	-	1,000	-	-	-	1,000
Office Supplies	-	500	-	-	-	500
Legal Services	-	45,000	-	-	-	45,000
Consultants	695,000	700,000	90,000	-	-	1,485,000
Sub-Total Expenditures	\$ 695,000	\$ 760,900	\$ 90,000	\$ -	\$ -	\$ 1,545,900
OTHER						
Land acquisitions	\$ -	\$ -	\$ 15,025,000	\$ -	\$ -	\$ 15,025,000
Furniture and equipment	-	5,000	-	-	-	5,000
Operating Transfers Out	-	-	-	930,100	-	930,100
Operating Transfers In	(695,000)	(235,100)	-	-	-	(930,100)
Sub-Total Other	\$ (695,000)	\$ (235,100)	\$ 15,025,000	\$ 930,100	\$ -	\$ 15,030,000
Total Expenditures and Other	\$ -	\$ 530,800	\$ 15,115,000	\$ 930,100	\$ -	\$ 16,575,900
NET EXCESS	\$ -	\$ -	\$ 3,201,625	\$ 200,780	\$ -	\$ 3,402,405
ENDING FUND BALANCE	\$ -					
ENDING FUND BALANCE	\$ -	\$ -	\$ 3,201,625	\$ 200,780	\$ -	\$ 3,402,405

X. Compliance Activities of Permittees

All the relevant Local Permittees passed ordinances implementing the Local Development Mitigation Fee (LDMF) well before permit issuance. The LDMF became effective in all participating jurisdictions concurrent with permit issuance on October 1, 2008.

The Riverside County Board of Supervisors approved a Take Allocation Policy on February 26, 2008. The Take Allocation Policy limits Authorized Disturbance on individual parcels and projects (including public projects) to 8% of the area of the project or parcel. Exceptions require approval of the Board of Supervisors.

CVCC entered into contracts for Acquisitions Manager and Monitoring Program Administrator. CVCC approved a contract with CVAG for administrative services for the CVMSHCP on September 11, 2008. The Center for Natural Lands Management was selected as the Land Manager, though the contract was not completed during the period of this Annual Report.

Other notable CVCC actions included:

Resolution 08-002: Establishing a Fee Collection and Remittance Policy

Policy 08-03: Policy for Initial Implementation of the Local Development Mitigation Fee

Policy 08-04: Policy Establishing the CVCC as the Advisory Committee to the Coachella Valley Mountains Conservancy for Natural Community Conservation Plan (NCCP) Acquisitions (adopted 10/9/08)

Policy 08-05: Policy Authorizing the Executive Director and the Chair of the CVCC to Acquire Land or Make Contingent Offers Under Urgent Circumstances. (10/9/08; final amendment adopted 11/13/08)

Policy 08-06: Policy Authorizing the Land Acquisition Manager to engage escrow, title and other services necessary to complete land acquisitions. (adopted 11/13/08)

CVCC had previously adopted several policies, including a Land Valuation Conflict Resolution Policy which was approved on May 11, 2006.

The CVCC selected five Conservation Areas as Acquisition Priority Areas including Upper Mission Creek/Big Morongo Canyon, Willow Hole, Thousand Palms, East Indio Hills, and Coachella Valley Stormwater Channel and Delta Conservation Areas. Subsequent to this decision, the CVCC reviewed the process of identifying specific parcels for acquisition provided by the Land Acquisition Manager and gave direction to staff regarding acquisition priorities.

The CVCC approved a Planning Agreement with the City of Desert Hot Springs for a Major Amendment allowing the City to become a Permittee.

The CVCC accepted a Conservation Easement for Hidden Springs Estates, LLC for approximately 23.11 acres in the Thousand Palms Conservation Area. (Accepted 9/8/08)

CVCC completed 20 Interim/Joint Project Reviews (JPR) including 8 either in the City of Desert Hot Springs or proposing annexation into the city. Though not a Permittee, the City of Desert Hot Springs is requiring JPR for any projects within CVMSHCP Conservation Areas within the city.

XI. Annual Audit

CVCC approved their first budget in November 2008. Prior to approval of this budget, the CVMSHCP was operating under the approved budget for the Coachella Valley Association of Governments. An FY 2008/2009 budget was submitted to the CVCC for consideration at their October 9, 2008 meeting and was approved at the November 13, 2008 meeting.

The first audit of the expenditures for the CVMSHCP is expected to be completed in November 2009.

XII. Unauthorized Activities and Enforcement

Several instances of unauthorized activity were notable in 2008. Some of these activities took place before the permit issuance. However, the response to these unauthorized activities provides a good example of the productive and coordinated response from various agencies charged with enforcement. The enforcement program for the CVMSHCP is not yet in place as of December 31, 2008. The enforcement actions reported here were taken by the responsible agencies with jurisdiction in the situations listed below.

In May 2008, Sky Valley Citizens on Patrol reported to CVCC that extensive grading was in progress on BLM land and land then owned by the Friends of the Desert Mountains in T3S, R6E, Sections 23-26. Significant areas were graded and a number of streambeds impacted without permits. CVCC immediately notified the County of Riverside, California Department of Fish and Game, U.S. Fish and Wildlife Service and BLM. These agencies quickly ended the grading activity and cooperated to persecute the alleged perpetrator. The County has recorded a deed restriction that prohibits any County development authorizations on the property for five years. The alleged perpetrator is currently facing four misdemeanor counts related to vandalism and illegal streambed alteration. While the damage done by this unauthorized grading is regrettable, this incident has some very encouraging aspects. The citizens of Sky Valley strongly support conservation and the CVMSHCP. They did not hesitate to report unusual activity in a remote area that they knew was part of a Conservation Area. All the government agencies involved took immediate action and have closely cooperated to make sure that this incident would serve as an example of how seriously such violations will be handled.

Off highway vehicles are a significant problem in some Conservation Areas. The Coachella Valley Association of Governments has organized an Off Highway Vehicle Task Force that helps protect the Conservation Areas. The primary goal of the OHV Task Force is to reduce illegal off-road activity in the Coachella Valley by means of education, warnings and citations. The goal of the OHV Task Force is to protect the environment and address air quality issues. Task Force members use a variety of all-terrain vehicles and aircraft to patrol targeted areas, and contact and educate violators.

The CVAG OHV Task Force consists of members from the Riverside County Sheriff's Department, Indio and Palm Desert Stations; Cathedral City Police Department; Desert Hot Springs Police Department; Palm Springs Police Department; and Bureau of Land Management. The CVAG OHV Task Force is committed to ensuring public safety and increased quality of life in the Coachella Valley. The OHV Task Force is supported by funding from various sources, including Colmac grants available as part of CVAG's air quality program. A County Off-Highway Vehicle Commission created by the Board of Supervisors supports the local effort and is working on potential sites for legal riding parks in Western and Eastern Riverside County. The collaborative efforts of the OHV Task Force will benefit implementation of the CVMSCP as well.

Table 2b: Acres of Conservation and Authorized Disturbance Since 1996 by Conservation Objective

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Cabazon Conservation Area	4-12	Riverside County	Fornat Wash Corridor	631	0	0%	0	1
			Mesquite hummocks	12	0	0%	0	0
			Peninsular Bighorn Sheep - Essential Habitat	83	0	0%	0	18
			Sand Source	1,629	0	0%	0	18
			Sand Transport	0	0	0%	0	0
			Southern sycamore-alder riparian woodland	9	0	0%	0	0
Coachella Valley Stormwater Channel and Delta Conservation Area	4-106	Riverside County	California Black Rail - Other Conserved Habitat	52	0	0%	0	1
			Coastal and valley freshwater marsh	63	0	0%	0	1
			Crissal Thrasher - Core Habitat	781	0	0%	5	4
			Desert Pupfish - Core Habitat	25	0	0%	0	0
			Desert saltbush scrub	713	0	0%	5	3
			Desert sink scrub	1,026	0	0%	0	11

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Coachella Valley Stormwater Channel and Delta Conservation Area (cont.)			Le Conte's Thrasher - Other Conserved Habitat	706	0	0%	5	3
			Mesquite hummocks	67	0	0%	0	1
			Yuma Clapper Rail - Other Conserved Habitat	52	0	0%	0	1
Desert Tortoise and Linkage Conservation Area	4-91a	Coachella	Desert dry wash woodland	109	0	0%	0	1
			Desert Tortoise - Core Habitat	270	0	0%	0	3
			Le Conte's Thrasher - Other Conserved Habitat	270	0	0%	0	3
	4-91b	Riverside County	Desert dry wash woodland	6,771	21	0%	0	77
			Desert Tortoise - Core Habitat	44,978	1,305	3%	0	630
			Desert Tortoise and Linkage Corridor	14,144	559	4%	0	213
			Le Conte's Thrasher - Other Conserved Habitat	25,319	611	2%	0	342
			Mecca Aster - Core Habitat	1,852	178	10%	0	38
			Orocopia Sage - Core Habitat	398	0	0%	0	4

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Dos Palmas Conservation Area	4-101	Riverside County	Arrowweed scrub	121	0	0%	0	1
			California Black Rail - Other Conserved Habitat	334	223	67%	0	26
			Cismontane alkali marsh	205	185	90%	0	21
			Crissal Thrasher - Core Habitat	343	135	39%	0	17
			Desert dry wash woodland	746	126	17%	0	21
			Desert fan palm oasis woodland	50	3	7%	0	1
			Desert Pupfish - Refugia Locations	0	0	0%	0	0
			Desert sink scrub	4,381	837	19%	0	132
			Le Conte's Thrasher - Other Conserved Habitat	6,689	1,043	16%	0	179
			Mesquite bosque	320	126	39%	0	16
			Mesquite hummocks	23	10	41%	0	1
			Predicted Flat-tailed Horned Lizard - Other Conserved Habitat	3,631	265	7%	0	67
			Yuma Clapper Rail - Other Conserved Habitat	374	223	60%	0	27

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
East Indio Hills Conservation Area	4-81a	Coachella	Coachella Valley Round-tailed Ground Squirrel - Other Conserved Habitat	5	0	0%	0	0
			Le Conte's Thrasher - Other Conserved Habitat	56	0	0%	0	1
			Palm Springs Pocket Mouse - Other Conserved Habitat	7	0	0%	0	0
			Predicted Flat-tailed Horned Lizard - Other Conserved Habitat	5	0	0%	0	0
East Indio Hills Conservation Area	4-81b	Indio	Coachella Valley Round-tailed Ground Squirrel - Other Conserved Habitat	103	0	0%	0	1
			Le Conte's Thrasher - Other Conserved Habitat	105	0	0%	0	1
			Mesquite hummocks	2	0	0%	0	0
			Palm Springs Pocket Mouse - Other Conserved Habitat	1,031	0	0%	0	1

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ (Acres)
East Indio Hills Conservation Area			Predicted Flat-tailed Horned Lizard - Other Conserved Habitat	100	0	0%	0	1
			Stabilized shielded sand fields	1,001	0	0%	0	1
	4-81c	Riverside County	Active desert dunes	5	0	0%	0	0
			Coachella Valley Round-tailed Ground Squirrel - Other Conserved Habitat	896	21	2%	0	12
			Desert saltbush scrub	7	0	0%	0	0
			Le Conte's Thrasher - Other Conserved Habitat	1,253	38	3%	0	18
			Mecca Aster - Core Habitat	1,045	48	5%	0	16
			Mesquite hummocks	39	0	0%	0	0
			Palm Springs Pocket Mouse - Other Conserved Habitat	944	21	2%	0	13
			Predicted Flat-tailed Horned Lizard - Other Conserved Habitat	415	0	0%	0	5

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ (Acres)
East Indio Hills Conservation Area (cont.)			Stabilized desert sand fields	295	0	0%	0	3
			Stabilized shielded sand fields	256	7	3%	0	3
Edom Hill Conservation Area	4-56a	Cathedral City	Coachella Valley Milkvetch - Other Conserved Habitat	136	102	75%	0	12
			Coachella Valley Round-tailed Ground Squirrel - Other Conserved Habitat	121	102	85%	0	11
			Le Conte's Thrasher - Other Conserved Habitat	310	224	72%	0	26
			Palm Springs Pocket Mouse - Other Conserved Habitat	103	87	84%	0	9
			Sand Source	310	224	72%	0	26
Edom Hill Conservation Area	4-56b	Riverside County	Active sand fields	37	41	110%	0	4
			Coachella Valley Fringe-toed Lizard - Other Conserved Habitat	40	43	108%	0	5

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ (Acres)
Edom Hill Conservation Area (cont.)		Riverside County	Coachella Valley Giant Sand-treader Cricket - Other Conserved Habitat	40	43	108%	0	5
			Coachella Valley Milkvetch - Other Conserved Habitat	1,205	946	79%	0	108
			Coachella Valley Round-tailed Ground Squirrel - Other Conserved Habitat	1,302	1,020	78%	0	117
			Le Conte's Thrasher - Other Conserved Habitat	1,745	1,174	67%	1	136
			Palm Springs Pocket Mouse - Other Conserved Habitat	935	727	78%	0	83
			Sand Source	1,770	1,393	79%	0	159
			Sand Transport	565	271	48%	1	33
			Stabilized desert sand fields	3	2	81%	0	1

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Highway 111/I-10 Conservation Area	4-32	Riverside County	Coachella Valley Jerusalem Cricket - Other Conserved Habitat	335	0	0%	0	4
			Coachella Valley Milkvetch - Other Conserved Habitat	335	0	0%	0	4
			Coachella Valley Round-tailed Ground Squirrel - Other Conserved Habitat	350	0	0%	0	4
			Le Conte's Thrasher - Other Conserved Habitat	350	0	0%	0	4
			Palm Springs Pocket Mouse - Other Conserved Habitat	350	0	0%	0	4
Indio Hills Palms Conservation Area	4-76	Riverside County	Desert dry wash woodland	33	36	110%	0	4
			Desert fan palm oasis woodland	42	7	17%	0	1
			Le Conte's Thrasher - Other Conserved Habitat	7	0	0%	0	0

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Indio Hills Palms Conservation Area (cont.)			Mecca Aster - Core Habitat	2,290	1,039	45%	0	130
			Mesquite hummocks	1	0	0%	0	0
Indio Hills/Joshua Tree National Park Linkage Conservation Area	4-71	Riverside County	Desert Tortoise - Core Habitat	7,735	6,358	82%	0	721
			Indio Hills / Joshua Tree National Park Corridor	10,267	8,787	86%	5	988
			Le Conte's Thrasher - Other Conserved Habitat	5,457	5,411	99%	0	601
			Sand Source	4,135	3,068	74%	0	353
			Sand Transport	6,132	5,719	93%	5	634
Joshua Tree National Park Conservation Area	4-86	Riverside County	Desert dry wash woodland	119	171	143%	0	18
			Desert fan palm oasis woodland	0	0	0%	0	0
			Desert Tortoise - Core Habitat	15,367	8,133	53%	0	984
			Gray Vireo - Other Conserved Habitat	1,208	1,822	151%	0	195
			Le Conte's Thrasher - Other Conserved Habitat	222	89	40%	0	12

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Joshua Tree National Park Conservation Area (cont.)			Mojave mixed woody scrub	7,195	2,479	34%	0	328
			Mojavean pinyon & juniper woodland	1,208	1,822	151%	0	195
Mecca Hills/Orocopia Mountains Conservation Area	4-96	Riverside County	Desert dry wash woodland	2,861	828	29%	0	115
			Desert fan palm oasis woodland	0	0	0%	0	0
			Desert Tortoise - Core Habitat	23,617	2,996	13%	0	562
			Le Conte's Thrasher - Other Conserved Habitat	5,866	865	15%	0	152
			Mecca Aster - Core Habitat	4,181	228	5%	0	69
			Orocopia Sage - Core Habitat	16,227	2,181	13%	0	398
Santa Rosa and San Jacinto Mountains Conservation Area	4-111a	Riverside County	Desert dry wash woodland	1,244	718	58%	0	185
			Desert fan palm oasis woodland	404	0	0%	0	5
			Desert Tortoise - Other Conserved Habitat	23,856	10,620	45%	7	1,470

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Santa Rosa and San Jacinto Mountains Conservation Area (cont.)		Riverside County	Gray Vireo - Other Conserved Habitat	7,930	4,913	62%	0	579
			Le Conte's Thrasher - Other Conserved Habitat	5,508	3,252	59%	0	575
			Peninsular Bighorn Sheep - Rec Zone 1 - Essential Habitat	7,252	1,184	16%	0	205
			Peninsular Bighorn Sheep - Rec Zone 2 - Essential Habitat	4,269	2,446	57%	0	398
			Peninsular Bighorn Sheep - Rec Zone 3 - Essential Habitat	5,359	3,335	62%	0	451
			Peninsular Bighorn Sheep - Rec Zone 4 - Essential Habitat	2,325	5,303	228%	0	555
			Peninsular juniper woodland & scrub	2,899	3,063	106%	0	439
			Red shank chaparral	2,274	1,085	48%	0	134
			Semi-desert chaparral	2,093	765	37%	0	100
			Southern arroyo willow riparian forest	15	0	0%	0	0

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Santa Rosa and San Jacinto Mountains Conservation Area	4-111b	Cathedral City	Southern sycamore-alder riparian woodland	117	5	5%	0	2
			Desert dry wash woodland	18	2	13%	0	0
			Desert Tortoise - Other Conserved Habitat	95	4	4%	0	1
			Le Conte's Thrasher - Other Conserved Habitat	11	4	35%	0	0
			Peninsular Bighorn Sheep - Rec Zone 2 - Essential Habitat	97	4	4%	0	2
Santa Rosa and San Jacinto Mountains Conservation Area	4-111c	Indian Wells	Desert dry wash woodland	66	0	0%	0	1
			Desert Tortoise - Other Conserved Habitat	999	0	0%	0	11
			Le Conte's Thrasher - Other Conserved Habitat	206	0	0%	0	2
			Peninsular Bighorn Sheep - Rec Zone 3 - Essential Habitat	1,158	0	0%	0	11

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Santa Rosa and San Jacinto Mountains Conservation Area	4-111d	La Quinta	Desert dry wash woodland	76	11	14%	0	2
			Desert Tortoise - Other Conserved Habitat	1,409	160	11%	0	32
			Le Conte's Thrasher - Other Conserved Habitat	387	51	13%	0	9
			Peninsular Bighorn Sheep - Rec Zone 3 - Essential Habitat	2,545	160	6%	0	25
Santa Rosa and San Jacinto Mountains Conservation Area	4-111e	Palm Desert	Desert dry wash woodland	29	1	2%	0	0
			Desert Tortoise - Other Conserved Habitat	436	508	117%	0	55
			Le Conte's Thrasher - Other Conserved Habitat	33	0	0%	0	0
			Peninsular Bighorn Sheep - Rec Zone 2 - Essential Habitat	65	482	741%	0	47
			Peninsular Bighorn Sheep - Rec Zone 3 - Essential Habitat	65	0	0%	0	1

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ (Acres)
Santa Rosa and San Jacinto Mountains Conservation Area	4-111f	Palm Springs	Desert dry wash woodland	36	36	99%	0	4
			Desert fan palm oasis woodland	76	0	0%	0	1
			Desert Tortoise - Other Conserved Habitat	8,856	3,560	40%	0	608
			Gray Vireo - Other Conserved Habitat	3,883	2,755	71%	0	318
			Le Conte's Thrasher - Other Conserved Habitat	560	330	59%	0	65
			Peninsular Bighorn Sheep - Rec Zone 1 - Essential Habitat	2,511	1,546	62%	0	148
			Peninsular Bighorn Sheep - Rec Zone 2 - Essential Habitat	4,700	3,884	83%	0	731
			Peninsular juniper woodland & scrub	3,177	2,755	87%	0	311
			Semi-desert chaparral	571	0	0%	0	5
						Sonoran cottonwood-willow riparian forest	58	0

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Santa Rosa and San Jacinto Mountains Conservation Area			Southern arroyo willow riparian forest	0	0	0%	0	0
			Southern sycamore-alder riparian woodland	24	0	0%	0	0
	4-111g	Rancho Mirage	Desert dry wash woodland	9	0	0%	0	0
			Desert Tortoise - Other Conserved Habitat	1,326	0	0%	0	15
			Le Conte's Thrasher - Other Conserved Habitat	17	0	0%	0	0
			Peninsular Bighorn Sheep - Rec Zone 2 - Essential Habitat	450	0	0%	0	4
Snow Creek/Windy Point Conservation Area	4-22a	Palm Springs	Active desert dunes	62	42	68%	0	5
			Coachella Valley Fringe-toed Lizard - Core Habitat	672	249	37%	0	33
			Coachella Valley Giant Sand-treader Cricket - Core Habitat	672	249	37%	0	33

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Snow Creek/Windy Point Conservation Area (cont.)		Palm Springs	Coachella Valley Jerusalem Cricket - Core Habitat	815	255	31%	0	34
			Coachella Valley Milkvetch - Core Habitat	816	256	31%	0	35
			Coachella Valley Round-tailed Ground Squirrel - Core Habitat	838	260	31%	0	35
			Ephemeral sand fields	610	207	34%	0	28
			Le Conte's Thrasher - Other Conserved Habitat	775	218	28%	0	30
Snow Creek/Windy Point Conservation Area			Palm Springs Pocket Mouse - Core Habitat	838	260	31%	0	35
			Peninsular Bighorn Sheep - Essential Habitat	144	0	0%	0	2
			Sand Transport	838	260	31%	0	35
	4-22b	Riverside County	Coachella Valley Fringe-toed Lizard - Core Habitat	502	273	54%	0	32
			Coachella Valley Giant Sand-treader Cricket - Core Habitat	501	273	55%	0	33
			Coachella Valley Jerusalem Cricket - Core Habitat	538	277	52%	0	34

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Snow Creek/Windy Point Conservation Area		Riverside County	Coachella Valley Milkvetch - Core Habitat	1,210	552	46%	0	68
			Coachella Valley Round-tailed Ground Squirrel - Core Habitat	1,371	688	50%	0	84
			Ephemeral sand fields	409	273	67%	0	32
			Le Conte's Thrasher - Other Conserved Habitat	1,453	733	50%	0	90
			Palm Springs Pocket Mouse - Core Habitat	1,331	733	55%	0	88
			Peninsular Bighorn Sheep - Essential Habitat	443	0	0%	0	5
			Sand Transport	1,482	735	50%	0	90
			Stabilized shielded sand fields	93	0	0%	0	1
Stubbe and Cottonwood Canyons Conservation Area	4-17	Riverside County	Desert dry wash woodland	229	69	30%	0	10
			Desert Tortoise - Core Habitat	2,276	629	28%	0	88
			Le Conte's Thrasher - Other Conserved Habitat	1,111	461	41%	0	58
			Sand Source	1,241	187	15%	0	32

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Stubbe and Cottonwood Canyons Conservation Area (cont.)		Riverside County	Sand Transport	1,129	463	41%	0	59
			Sonoran cottonwood-willow riparian forest	25	0	0%	0	0
			Stubbe Canyon Wash Corridor	1,058	470	44%	0	59
Thousand Palms Conservation Area	4-61	Riverside County	Active desert dunes	14	5	32%	0	1
			Active sand fields	820	644	79%	0	73
			Coachella Valley Fringe-toed Lizard - Core Habitat	834	647	78%	0	74
			Coachella Valley Giant Sand-treader Cricket - Core Habitat	834	647	78%	0	74
			Coachella Valley Milkvetch - Core Habitat	1,001	713	71%	4	79
			Coachella Valley Round-tailed Ground Squirrel - Core Habitat	2,974	1,352	45%	33 23	205 195
			Desert dry wash woodland	34	0	0%	40 0	-40 0
			Desert fan palm oasis woodland	0	0	0%	0	0

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Thousand Palms Conservation Area (cont.)		Riverside County	Desert Pupfish - Refugia Locations	0	0	0%	0	0
			Le Conte's Thrasher - Other Conserved Habitat	3,879	1,463	38%	47 14	196 163
			Mecca Aster - Core Habitat	2,676	747	28%	0	104
			Mesquite hummocks	0	0	0%	0	0
			Palm Springs Pocket Mouse - Core Habitat	3,588	1,414	39%	50 21	186 157
			Predicted Flat-tailed Horned Lizard - Core Habitat	877	678	77%	0	77
			Sand Source	3,712	1,520	41%	0	193
			Sand Transport	4,100	1,414	34%	51 24	184 157
						Sonoran cottonwood-willow riparian forest	0	0
			Thousand Palms Linkage	7,816	2,934	38%	51	379
Upper Mission Creek/Big Morongo Canyon Conservation Area	4-42a	Desert Hot Springs	Desert dry wash woodland	1	0	0%	0	0
			Desert Tortoise - Core Habitat	105	0	0%	0	0
			Highway 62 Corridor	0	0	0%	0	0

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Upper Mission Creek/Big Morongo Canyon Conservation Area (cont.)		Desert Hot Springs	Le Conte's Thrasher - Other Conserved Habitat	83	0	0%	0	0
			Little San Bernardino Mountains Linanthus - Core Habitat	76	0	0%	0	0
			Palm Springs Pocket Mouse - Core Habitat	79	0	0%	0	0
			Sand Source	6	0	0%	0	0
			Sand Transport	80	0	0%	0	0
Upper Mission Creek/Big Morongo Canyon Conservation Area	4-42b	Palm Springs	Le Conte's Thrasher - Other Conserved Habitat	22	0	0%	0	0
Upper Mission Creek/Big Morongo Canyon Conservation Area			Palm Springs Pocket Mouse - Other Conserved Habitat	22	0	0%	0	0
			Sand Transport	22	0	0%	0	0
			Coachella Valley Jerusalem Cricket - Other Conserved Habitat	419	11	3%	5	1
			Desert dry wash woodland	76	12	16%	0	2

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Upper Mission Creek/Big Morongo Canyon Conservation Area (cont.)		Riverside County	Desert Tortoise - Core Habitat	7,792	3,325	43%	5	414
			Highway 62 Corridor	715	0	0%	0	8
			Le Conte's Thrasher - Other Conserved Habitat	1,120	77	7%	0	20
			Little San Bernardino Mountains Linanthus - Core Habitat	1,035	86	8%	0	20
			Palm Springs Pocket Mouse - Core Habitat	1,160	71	6%	0	20
			Sand Source	6,488	3,544	55%	5	421
			Sand Transport	1,509	164	11%	0	33
			Sonoran cottonwood-willow riparian forest	76	74	97%	0	8
			Southern sycamore-alder riparian woodland	52	60	114%	0	7
			Triple-ribbed Milkvetch - Core Habitat	426	256	60%	0	30
West Deception Canyon Conservation Area	4-66	Riverside County	Sand Source	1,063	726	68%	0	84

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Whitewater Canyon Conservation Area	4-27a	Desert Hot Springs	Desert Tortoise - Core Habitat	0	0	0%	0	0
			Sand Source	0	0	0%	0	0
Whitewater Canyon Conservation Area	4-27b	Riverside County	Arroyo Toad - Core Habitat	706	676	96%	0	75
			Desert fan palm oasis woodland	0	0	0%	0	0
			Desert Tortoise - Core Habitat	1,084	742	68%	0	86
			Little San Bernardino Mountains Linanthus - Other Conserved Habitat	348	277	80%	0	32
			Sand Source	850	618	73%	0	71
			Sand Transport	435	338	78%	0	38
			Sonoran cottonwood-willow riparian forest	107	105	99%	0	11
			Triple-ribbed Milkvetch - Core Habitat	368	277	75%	0	32
Whitewater Floodplain Conservation Area	4-37a	Palm Springs	Active sand fields	392	0	0%	0	4
			Coachella Valley Fringe-toed Lizard - Core Habitat	2,659	0	0%	0	30

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)		
Whitewater Floodplain Conservation Area (cont.)		Palm Springs	Coachella Valley Giant Sand-treader Cricket - Core Habitat	2,659	0	0%	0	30		
			Coachella Valley Milkvetch - Core Habitat	2,671	0	0%	0	30		
Whitewater Floodplain Conservation Area			Coachella Valley Round-tailed Ground Squirrel - Core Habitat	2,955	31	1%	0	36		
			Ephemeral sand fields	1,185	0	0%	0	13		
			Le Conte's Thrasher - Other Conserved Habitat	3,433	37	1%	0	42		
			Palm Springs Pocket Mouse - Core Habitat	3,122	37	1%	0	38		
			Sand Transport	3,484	37	1%	0	42		
			Stabilized desert sand fields	394	0	0%	0	4		
			Whitewater River Corridor	809	37	5%	0	13		
			4-37b	Cathedral City	Active sand fields	43	0	0%	0	0
					Coachella Valley Fringe-toed Lizard - Core Habitat	61	0	0%	0	1

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Whitewater Floodplain Conservation Area (cont.)		Cathedral City	Coachella Valley Giant Sand-treader Cricket - Core Habitat	61	0	0%	0	1
			Coachella Valley Milkvetch - Core Habitat	61	0	0%	0	1
			Coachella Valley Round-tailed Ground Squirrel - Core Habitat	59	0	0%	0	1
Whitewater Floodplain Conservation Area			Le Conte's Thrasher - Other Conserved Habitat	61	0	0%	0	1
			Palm Springs Pocket Mouse - Core Habitat	61	0	0%	0	1
			Sand Transport	61	0	0%	0	1
			Whitewater River Corridor	18	0	0%	0	0
	4-37c	Riverside County	Coachella Valley Fringe-toed Lizard - Core Habitat	57	0	0%	0	1
			Coachella Valley Giant Sand-treader Cricket - Core Habitat	57	0	0%	0	1
			Coachella Valley Milkvetch - Core Habitat	58	0	0%	0	1

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Whitewater Floodplain Conservation Area (cont.)		Riverside County	Coachella Valley Round-tailed Ground Squirrel - Core Habitat	100	0	0%	0	1
			Ephemeral sand fields	52	0	0%	0	1
			Le Conte's Thrasher - Other Conserved Habitat	480	0	0%	10	-5
			Palm Springs Pocket Mouse - Core Habitat	477	0	0%	10	-5
			Sand Transport	481	0	0%	10	-5
			Stabilized desert sand fields	4	0	0%	0	0
			Whitewater River Corridor	475	0	0%	10	-5
Willow Hole Conservation Area	4-47a	Cathedral City	Active sand fields	33	22	67%	0	3
			Coachella Valley Fringe-toed Lizard - Core Habitat	212	109	51%	0	14
			Coachella Valley Milkvetch - Core Habitat	782	375	48%	0	46
			Coachella Valley Round-tailed Ground Squirrel - Core Habitat	1,256	730	58%	0	87
			Ephemeral sand fields	178	87	49%	0	11

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ Acres)
Willow Hole Conservation Area (cont.)		Cathedral City	Le Conte's Thrasher - Other Conserved Habitat	1,505	958	64%	0	112
			Palm Springs Pocket Mouse - Core Habitat	959	556	58%	0	67
			Sand Source	710	423	60%	0	50
			Sand Transport	798	535	67%	0	63
			Stabilized desert dunes	1	0	0%	0	0
			Stabilized desert sand fields	51	55	109%	0	6
Willow Hole Conservation Area	4-47b	Riverside County	Coachella Valley Fringe-toed Lizard - Core Habitat	454	294	65%	2	32
			Coachella Valley Milkvetch - Core Habitat	1,751	892	51%	3	106
			Coachella Valley Round-tailed Ground Squirrel - Core Habitat	1,081	864	80%	3	95
			Desert fan palm oasis woodland	0	0	0%	0	0
			Desert saltbush scrub	152	136	89%	1	14
			Ephemeral sand fields	728	104	14%	0	19
			Le Conte's Thrasher - Other Conserved Habitat	2,677	1,025	38%	3	129

Conservation Area	Plan Table Number	Permittee	Conservation Objective	Remaining Acres To Be Conserved (1996) ¹	Acres Conserved Since 1996	Percentage of Conservation Objective Achieved to Date ²	Acres of Authorized Disturbance Since 1996	Rough Step ³ (Acres)
Willow Hole Conservation Area (cont.)		Riverside County	Mesquite hummocks	98	91	93%	0	10
			Mission Creek / Willow Wash Biological Corridor	397	0	0%	0	4
			Palm Springs Pocket Mouse - Core Habitat	2,684	1,018	38%	3	129
			Sand Source	17	8	48%	0	1
			Sand Transport	2,734	1,017	37%	3	129
			Stabilized desert dunes	319	198	62%	2	21
			Stabilized desert sand fields	128	55	43%	0	7

¹ The Remaining Acres to be Conserved are listed in the Conservation and Take Authorization tables in Section 4.3 for each Conservation Area.

² The percentage of the Remaining Acres to be conserved identified in the CVMSHCP for each Conservation Objective that have been conserved through acquisition or other means since 1996.

³ This column represents the Rough Step calculation for each Conservation Objective, based on the Rough Step formula provided in Section 6.5 of the CVMSHCP. Rough Step analysis ensures, on an annual basis, that Conservation of Additional Conserved Lands is within 10% of the level needed to stay in balance with the level of Development.

Table 3: Acres of Conservation and Authorized Disturbance for Covered Species and Natural Communities

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Arroyo Toad	Riverside County	Whitewater Canyon Conservation Area	0	676
Arroyo Toad Total			0	676
<u>Burrowing Owl</u> ¹	<u>N/A</u>	<u>N/A</u>	<u>0</u>	<u>0</u>
California Black Rail	Riverside County	Dos Palmas Conservation Area	0	223
California Black Rail Total			0	223
Coachella Valley Fringe-toed Lizard	Riverside County	East Indio Hills Conservation Area	0	7
		Edom Hill Conservation Area	0	43
		Santa Rosa and San Jacinto Mountains Conservation Area	0	5
		Snow Creek/Windy Point Conservation Area	0	273
		Thousand Palms Conservation Area	0	649
		Willow Hole Conservation Area	2	357

¹ Burrowing owl habitat model contains only known locations in the Coachella Valley. There are no acreages associated with the Burrowing owl.

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Coachella Valley Fringe-toed Lizard (cont.)	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	62
		Snow Creek/Windy Point Conservation Area	0	249
	Cathedral City	Willow Hole Conservation Area	0	165
Coachella Valley Fringe-toed Lizard Total			2	1,809
Coachella Valley Giant Sand-treader Cricket	Riverside County	East Indio Hills Conservation Area	0	7
		Edom Hill Conservation Area	0	43
		Santa Rosa and San Jacinto Mountains Conservation Area	0	5
		Snow Creek/Windy Point Conservation Area	0	273
		Thousand Palms Conservation Area	0	649
		Willow Hole Conservation Area	2	357
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	62

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Coachella Valley Giant Sand-treader Cricket (cont.)		Snow Creek/Windy Point Conservation Area	0	249
	Cathedral City	Willow Hole Conservation Area	0	165
Coachella Valley Giant Sand-treader Cricket Total			2	1,809
Coachella Valley Jerusalem Cricket	Riverside County	Edom Hill Conservation Area	0	633
		Santa Rosa and San Jacinto Mountains Conservation Area	0	14
		Snow Creek/Windy Point Conservation Area	0	434
		Thousand Palms Conservation Area	1	40
		Upper Mission Creek/Big Morongo Canyon Conservation Area	5	11
		Willow Hole Conservation Area	2	641
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	93
		Snow Creek/Windy Point Conservation Area	0	255

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Coachella Valley Jerusalem Cricket (cont.)		Whitewater Floodplain Conservation Area	0	0
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	3
	Cathedral City	Edom Hill Conservation Area	0	86
		Willow Hole Conservation Area	0	369
Coachella Valley Jerusalem Cricket Total			8	2,580
Coachella Valley Milkvetch	Riverside County	Edom Hill Conservation Area	0	946
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	0	7
		Santa Rosa and San Jacinto Mountains Conservation Area	0	16
		Snow Creek/Windy Point Conservation Area	0	639
		Stubbe and Cottonwood Canyons Conservation Area	0	58
		Thousand Palms Conservation Area	6	882

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Coachella Valley Milkvetch (cont.)		Upper Mission Creek/Big Morongo Canyon Conservation Area	5	27
		West Deception Canyon Conservation Area	0	4
		Whitewater Canyon Conservation Area	0	32
		Willow Hole Conservation Area	3	892
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	95
		Snow Creek/Windy Point Conservation Area	0	256
		Whitewater Floodplain Conservation Area	0	2
	Cathedral City	Edom Hill Conservation Area	0	102
		Willow Hole Conservation Area	0	412
	Coachella Valley Milkvetch Total			13
Coachella Valley Round-tailed Ground Squirrel	Riverside County	Dos Palmas Conservation Area	0	213
		East Indio Hills Conservation Area	0	21

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Coachella Valley Round-tailed Ground Squirrel (cont.)	Riverside County	Edom Hill Conservation Area	0	1,020
		Indio Hills Palms Conservation Area	0	5
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	0	130
		Santa Rosa and San Jacinto Mountains Conservation Area	4	19
		Snow Creek/Windy Point Conservation Area	0	688
		Stubbe and Cottonwood Canyons Conservation Area	0	218
		Thousand Palms Conservation Area	33 <u>23</u>	1,524
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	58
		West Deception Canyon Conservation Area	0	182
		Whitewater Canyon Conservation Area	0	25

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)	
Coachella Valley Round-tailed Ground Squirrel (cont.)		Whitewater Floodplain Conservation Area	2	0	
		Willow Hole Conservation Area	3	1,000	
	Palm Springs		Santa Rosa and San Jacinto Mountains Conservation Area	0	127
			Snow Creek/Windy Point Conservation Area	0	260
			Whitewater Floodplain Conservation Area	0	31
	Palm Desert		Santa Rosa and San Jacinto Mountains Conservation Area	0	0
			Edom Hill Conservation Area	0	102
	Cathedral City		Santa Rosa and San Jacinto Mountains Conservation Area	0	3
			Willow Hole Conservation Area	0	742
	Coachella Valley Round-tailed Ground Squirrel Total			42 32	6,367

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Crissal Thrasher	Riverside County	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Dos Palmas Conservation Area	0	135
		Willow Hole Conservation Area	1	227
Crissal Thrasher Total			6	362
Desert Tortoise	Riverside County	Desert Tortoise and Linkage Conservation Area	0	1,305
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	0	6,358
		Joshua Tree National Park Conservation Area	0	8,133
		Mecca Hills/Orocopia Mountains Conservation Area	0	2,996
		Santa Rosa and San Jacinto Mountains Conservation Area	7	10,620
		Snow Creek/Windy Point Conservation Area	0	462

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Desert Tortoise (cont.)	Riverside County	Stubbe and Cottonwood Canyons Conservation Area	0	629
		Upper Mission Creek/Big Morongo Canyon Conservation Area	5	3,325
		West Deception Canyon Conservation Area	0	1,133
		Whitewater Canyon Conservation Area	0	773
		Whitewater Floodplain Conservation Area	10	0
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	3,560
		Snow Creek/Windy Point Conservation Area	0	11
		Whitewater Floodplain Conservation Area	0	37
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	508
	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	4

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Desert Tortoise (cont.)	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	160
Desert Tortoise Total			22	40,014
Desert Pupfish ²	Riverside County	<u>Dos Palmas Conservation Area</u>	<u>0</u>	<u>0</u>
		<u>Thousand Palms Conservation Area</u>	<u>0</u>	<u>0</u>
Desert Pupfish Total			0	0
Gray Vireo	Riverside County	Joshua Tree National Park Conservation Area	0	1,822
		Santa Rosa and San Jacinto Mountains Conservation Area	0	4,913
		Whitewater Canyon Conservation Area	0	184
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	2,755
Gray Vireo Total			0	9,674

² Desert Pupfish habitat model contains only known locations in the Dos Palmas and Thousand Palms Conservation Areas. There are no acreages associated with the Desert Pupfish.

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Le Conte's Thrasher	Riverside County	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Desert Tortoise and Linkage Conservation Area	0	611
		Dos Palmas Conservation Area	0	1,043
		East Indio Hills Conservation Area	0	38
		Edom Hill Conservation Area	1	1,174
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	0	5,411
		Joshua Tree National Park Conservation Area	0	89
		Mecca Hills/Orocopia Mountains Conservation Area	0	865
		Santa Rosa and San Jacinto Mountains Conservation Area	0	3,252
		Snow Creek/Windy Point Conservation Area	0	733

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Le Conte's Thrasher (cont.)		Stubbe and Cottonwood Canyons Conservation Area	0	461
		Thousand Palms Conservation Area	47 14	1,463
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	77
		West Deception Canyon Conservation Area	0	626
		Whitewater Floodplain Conservation Area	10	0
		Willow Hole Conservation Area	3	1,025
		Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0
	Snow Creek/Windy Point Conservation Area		0	218
	Whitewater Floodplain Conservation Area		0	37
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	0
		Cathedral City	Edom Hill Conservation Area	0

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Le Conte's Thrasher (cont.)		Santa Rosa and San Jacinto Mountains Conservation Area	0	4
		Willow Hole Conservation Area	0	958
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	51
Le Conte's Thrasher Total			66 33	18,692
<u>Least Bell's Vireo – breeding habitat</u>	<u>Riverside County</u>	<u>Dos Palmas Conservation Area</u>	<u>0</u>	<u>13</u>
		<u>Indio Hills Palms Conservation Area</u>	<u>0</u>	<u>7</u>
		<u>Santa Rosa and San Jacinto Mountains Conservation Area</u>	<u>0</u>	<u>5</u>
		<u>Upper Mission Creek/Big Morongo Canyon Conservation Area</u>	<u>0</u>	<u>133</u>
		<u>Whitewater Canyon Conservation Area</u>	<u>0</u>	<u>105</u>

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
<u>Least Bell's Vireo – breeding habitat (cont.)</u>		<u>Willow Hole Conservation Area</u>	<u>0</u>	<u>91</u>
<u>Least Bell's Vireo – breeding habitat Total</u>			<u>0</u>	<u>355</u>
<u>Least Bell's Vireo – migratory habitat</u>	Riverside County	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Desert Tortoise and Linkage Conservation Area	0	21
		Dos Palmas Conservation Area	0	1,287 <u>1,274</u>
		Indio Hills Palms Conservation Area	0	43 <u>36</u>
		Joshua Tree National Park Conservation Area	0	171
		Mecca Hills/Orocopia Mountains Conservation Area	0	828
		Santa Rosa and San Jacinto Mountains Conservation Area	0	723 <u>718</u>

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Least Bell's Vireo – migratory habitat (cont.)	Riverside County	Stubbe and Cottonwood Canyons Conservation Area	0	69
		Thousand Palms Conservation Area	40 0	0
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	146 12
		Willow Hole Conservation Area	1	227
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	36
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	1
	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	2
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	11
Least Bell's Vireo – migratory habitat Total			47	3,669 3314

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Little San Bernardino Mountains Linanthus	Riverside County	Upper Mission Creek/Big Morongo Canyon Conservation Area	0	86
		Whitewater Canyon Conservation Area	0	277
		Willow Hole Conservation Area	0	24
Little San Bernardino Mountains Linanthus Total			0	388
Mecca Aster	Riverside County	Desert Tortoise and Linkage Conservation Area	0	178
		East Indio Hills Conservation Area	0	48
		Edom Hill Conservation Area	0	28
		Indio Hills Palms Conservation Area	0	1,039
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	0	166
		Mecca Hills/Orocopia Mountains Conservation Area	0	228

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Mecca Aster (cont.)		Thousand Palms Conservation Area	0	747
Mecca Aster Total			0	2,435
Orocopia Sage	Riverside County	Dos Palmas Conservation Area	0	332
		Mecca Hills/Orocopia Mountains Conservation Area	0	2,181
Orocopia Sage Total			0	2,512
Palm Springs Pocket Mouse	Riverside County	Dos Palmas Conservation Area	0	483
		East Indio Hills Conservation Area	0	21
		Edom Hill Conservation Area	0	727
		Indio Hills Palms Conservation Area	0	75
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	5	5,692

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Palm Springs Pocket Mouse (cont.)		Mecca Hills/Orocopia Mountains Conservation Area	0	5
		Santa Rosa and San Jacinto Mountains Conservation Area	7	1,078
		Snow Creek/Windy Point Conservation Area	0	733
		Stubbe and Cottonwood Canyons Conservation Area	0	447
		Thousand Palms Conservation Area	50 <u>21</u>	1,454
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	99
		West Deception Canyon Conservation Area	0	699
		Whitewater Canyon Conservation Area	0	25
		Whitewater Floodplain Conservation Area	10	0

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)	
Palm Springs Pocket Mouse (cont.)		Willow Hole Conservation Area	3	1,018	
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	361	
		Snow Creek/Windy Point Conservation Area	0	260	
		Whitewater Floodplain Conservation Area	0	37	
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	0	
		Edom Hill Conservation Area	0	87	
	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	3	
		Willow Hole Conservation Area	0	727	
	Palm Springs Pocket Mouse Total			75 46	14,032

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Peninsular Bighorn Sheep	Riverside County	Santa Rosa and San Jacinto Mountains Conservation Area	0	12,269
		Snow Creek/Windy Point Conservation Area	0	130
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	5,430
		Snow Creek/Windy Point Conservation Area	0	22
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	482
	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	4
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	160
Peninsular Bighorn Sheep Total			0	18,497
Potential Flat-tailed Horned Lizard	Riverside County	Edom Hill Conservation Area	0	172

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Potential Flat-tailed Horned Lizard (cont.)		Santa Rosa and San Jacinto Mountains Conservation Area	0	2
		Thousand Palms Conservation Area	0	0
		Willow Hole Conservation Area	0	243
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	3
		Snow Creek/Windy Point Conservation Area	0	16
	Cathedral City	Willow Hole Conservation Area	0	6
	Potential Flat-tailed Horned Lizard Total			0
Predicted Flat-tailed Horned Lizard	Riverside County	Dos Palmas Conservation Area	0	265
		East Indio Hills Conservation Area	0	0
		Santa Rosa and San Jacinto Mountains Conservation Area	4	0

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Predicted Flat-tailed Horned Lizard (cont.)		Thousand Palms Conservation Area	1	678
		Willow Hole Conservation Area	0	115
	Cathedral City	Willow Hole Conservation Area	0	69
<i>Predicted Flat-tailed Horned Lizard Total</i>			5	1,128
Southern Yellow Bat	Riverside County	Dos Palmas Conservation Area	0	3
		Indio Hills Palms Conservation Area	0	7
		Willow Hole Conservation Area	0	6
<i>Southern Yellow Bat Total</i>			0	17
<u>Southwestern Willow Flycatcher – breeding habitat</u>	<u>Riverside County</u>	<u>Dos Palmas Conservation Area</u>	<u>0</u>	<u>3</u>
		<u>Indio Hills Palms Conservation Area</u>	<u>0</u>	<u>7</u>
		<u>Upper Mission Creek/Big Morongo Canyon Conservation Area</u>	<u>0</u>	<u>133</u>
		<u>Whitewater Canyon Conservation Area</u>	<u>0</u>	<u>105</u>

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
<u>Southwestern Willow Flycatcher - breeding habitat</u>				
<u>Total</u>			<u>0</u>	<u>254</u>
<u>Southwestern Willow Flycatcher - migratory habitat</u>	Riverside County	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Desert Tortoise and Linkage Conservation Area	0	21
		Dos Palmas Conservation Area	0	1,287 1,283
		Indio Hills Palms Conservation Area	0	43 36
		Joshua Tree National Park Conservation Area	0	171
		Mecca Hills/Orocopia Mountains Conservation Area	0	828
		Santa Rosa and San Jacinto Mountains Conservation Area	0	723 718
		Stubbe and Cottonwood Canyons Conservation Area	0	69
		Thousand Palms Conservation Area	40 0	0

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Southwestern Willow Flycatcher – migratory habitat (cont.)	-	Upper Mission Creek/Big Morongo Canyon Conservation Area	0	146 124
		Whitewater Canyon Conservation Area	0	105
		Willow Hole Conservation Area	1	227
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	36
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	1
	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	2
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	11
Southwestern Willow Flycatcher – migratory habitat Total			17 7	3,669 3,415
<u>Summer Tanager - Breeding Habitat</u>	<u>Riverside County</u>	<u>Dos Palmas Conservation Area</u>	<u>0</u>	<u>3</u>
-	-	<u>Indio Hills Palms Conservation Area</u>	<u>0</u>	<u>7</u>

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
- <u>Summer Tanager - Breeding Habitat (cont.)</u>	-	<u>Santa Rosa and San Jacinto Mountains Conservation Area</u>	0	5
		<u>Upper Mission Creek/Big Morongo Canyon Conservation Area</u>	0	133
		<u>Whitewater Canyon Conservation Area</u>	0	105
<u>Summer Tanager - breeding habitat Total</u>			0	254
<u>Summer Tanager - migratory habitat</u>	Riverside County	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Desert Tortoise and Linkage Conservation Area	0	21
		Dos Palmas Conservation Area	0	1,287 1,283
		Indio Hills Palms Conservation Area	0	43 36
		Joshua Tree National Park Conservation Area	0	171
		Mecca Hills/Orocopia Mountains Conservation Area	0	828

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Summer Tanager – migratory habitat (cont.)		Santa Rosa and San Jacinto Mountains Conservation Area	0	723 718
		Stubbe and Cottonwood Canyons Conservation Area	0	69
		Thousand Palms Conservation Area	40 0	0
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	146 124
		Whitewater Canyon Conservation Area	0	105
		Willow Hole Conservation Area	1	227
		Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0
Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	1	
Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	2	

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	11
Summer Tanager = migratory habitat Total			17 7	3,669 3,415
Triple-ribbed Milkvetch	Riverside County	Upper Mission Creek/Big Morongo Canyon Conservation Area	0	256
		Whitewater Canyon Conservation Area	0	277
		Whitewater Floodplain Conservation Area	7	0
	Palm Springs	Whitewater Floodplain Conservation Area	0	37
Triple-ribbed Milkvetch Total			7	570
Yellow Warbler - Breeding Habitat	Riverside County	<u>Dos Palmas Conservation Area</u>	<u>0</u>	<u>3</u>
-	-	<u>Indio Hills Palms Conservation Area</u>	<u>0</u>	<u>7</u>
-	-	<u>Santa Rosa and San Jacinto Mountains Conservation Area</u>	<u>0</u>	<u>5</u>

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
-	-	<u>Upper Mission Creek/Big Morongo Canyon Conservation Area</u>	0	133
-	-	<u>Whitewater Canyon Conservation Area</u>	0	105
<u>Yellow Warbler - breeding habitat Total</u>			0	254
<u>Yellow Warbler - migratory habitat</u>	Riverside County	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Desert Tortoise and Linkage Conservation Area	0	21
		Dos Palmas Conservation Area	0	1,287 1,283
		Indio Hills Palms Conservation Area	0	43 36
		Joshua Tree National Park Conservation Area	0	171
		Mecca Hills/Orocopia Mountains Conservation Area	0	828
		Santa Rosa and San Jacinto Mountains Conservation Area	0	723 718

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Yellow Warbler – migratory habitat (cont.)		Stubbe and Cottonwood Canyons Conservation Area	0	69
		Thousand Palms Conservation Area	40 0	0
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	146 124
		Whitewater Canyon Conservation Area	0	105
		Willow Hole Conservation Area	1	227
		Palm Springs	0	36
		Palm Desert	0	1
		Cathedral City	0	2
		La Quinta	0	11

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Yellow Warbler - <u>migratory habitat</u> Total			47 7	3,669 3,415
<u>Yellow-breasted Chat - breeding habitat</u>	<u>Riverside County</u>	<u>Dos Palmas Conservation Area</u>	0	4
-	-	<u>Indio Hills Palms Conservation Area</u>	0	7
-	-	<u>Santa Rosa and San Jacinto Mountains Conservation Area</u>	0	5
-	-	<u>Upper Mission Creek/Big Morongo Canyon Conservation Area</u>	0	133
<u>Yellow-breasted Chat - breeding habitat (cont.)</u>	-	<u>Whitewater Canyon Conservation Area</u>	0	105
<u>Yellow-breasted Chat - Breeding Habitat Total</u>	-	-	0	255
<u>Yellow-breasted Chat - migratory habitat</u>	<u>Riverside County</u>	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Desert Tortoise and Linkage Conservation Area	0	21
		Dos Palmas Conservation Area	0	4,287 1,283

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Yellow-breasted Chat – migratory habitat (cont.)		Indio Hills Palms Conservation Area	0	43 36
		Joshua Tree National Park Conservation Area	0	171
		Mecca Hills/Orocopia Mountains Conservation Area	0	828
		Santa Rosa and San Jacinto Mountains Conservation Area	0	723 718
		Stubbe and Cottonwood Canyons Conservation Area	0	69
		Thousand Palms Conservation Area	40 0	0
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	146 124
		Whitewater Canyon Conservation Area	0	105
		Willow Hole Conservation Area	1	227
			Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Yellow-breasted Chat – migratory habitat	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	1
	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	2
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	11
			17 7	3,669 3,414
Yuma Clapper Rail	Riverside County	Dos Palmas Conservation Area	0	243
			0	243
Mojave mixed woody scrub	Riverside County	Desert Tortoise and Linkage Conservation Area	0	209
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	0	1,736
		Joshua Tree National Park Conservation Area	0	2,479

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	2,749
		West Deception Canyon Conservation Area	0	764
		<i>Mojave mixed woody scrub Total</i>	0	7,937
Sonoran creosote bush scrub	Riverside County	Desert Tortoise and Linkage Conservation Area	0	1,076
		Dos Palmas Conservation Area	0	778
		East Indio Hills Conservation Area	0	92
		Edom Hill Conservation Area	1	615
		Indio Hills Palms Conservation Area	0	996
		Indio Hills/Joshua Tree National Park Linkage Conservation Area	0	6,957
		Joshua Tree National Park Conservation Area	0	4,227

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Sonoran creosote bush scrub (cont.)	Riverside County	Mecca Hills/Orocopia Mountains Conservation Area	0	2,168
		Santa Rosa and San Jacinto Mountains Conservation Area	7	5,091
		Snow Creek/Windy Point Conservation Area	0	462
		Stubbe and Cottonwood Canyons Conservation Area	0	450
		Thousand Palms Conservation Area	0	648
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	518
		West Deception Canyon Conservation Area	0	690
		Whitewater Canyon Conservation Area	0	199
		Whitewater Floodplain Conservation Area	10	0
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	1,261

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Sonoran creosote bush scrub (cont.)	Palm Springs	Snow Creek/Windy Point Conservation Area	0	11
		Whitewater Floodplain Conservation Area	0	37
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	350
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	145
Sonoran creosote bush scrub Total			18	26,772
Interior live oak chaparral	Riverside County	Santa Rosa and San Jacinto Mountains Conservation Area	0	27
Interior live oak chaparral Total			0	27
Mojave mixed steppe	Riverside County	Joshua Tree National Park Conservation Area	0	67
Mojave mixed steppe Total			0	67

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Sonoran mixed woody & succulent scrub	Riverside County	Edom Hill Conservation Area	0	956
		Santa Rosa and San Jacinto Mountains Conservation Area	0	5,226
		Stubbe and Cottonwood Canyons Conservation Area	0	82
		Thousand Palms Conservation Area	37 16	1,626
		Upper Mission Creek/Big Morongo Canyon Conservation Area	5	767
		Whitewater Canyon Conservation Area	0	272
		Willow Hole Conservation Area	0	441
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	1,654
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	158
	Cathedral City	Edom Hill Conservation Area	0	224

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Sonoran mixed woody & succulent scrub (cont.)	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	1
		Willow Hole Conservation Area	0	794
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	4
Sonoran mixed woody & succulent scrub Total			43 22	12,206
Southern sycamore-alder riparian woodland	Riverside County	Santa Rosa and San Jacinto Mountains Conservation Area	0	5
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	60
Southern sycamore-alder riparian woodland Total			0	65
Tamarisk scrub	Riverside County	Des-Palmas Conservation Area	0	81
Tamarisk scrub Total		-	0	81
-	-	-	-	-

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Mesquite bosque	Riverside County	Dos Palmas Conservation Area	0	126
Mesquite bosque Total			0	126
Mojavean pinyon & juniper woodland	Riverside County	Joshua Tree National Park Conservation Area	0	1,822
Mojavean pinyon & juniper woodland Total			0	1,822
Semi-desert chaparral	Riverside County	Santa Rosa and San Jacinto Mountains Conservation Area	0	765
		Whitewater Canyon Conservation Area	0	184
Semi-desert chaparral Total			0	949
Peninsular juniper woodland & scrub	Riverside County	Santa Rosa and San Jacinto Mountains Conservation Area	0	3,063
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	2,755

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Peninsular juniper woodland & scrub Total			0	5,818
Desert dry wash woodland	Riverside County	Desert Tortoise and Linkage Conservation Area	0	21
		Dos Palmas Conservation Area	0	126
		Indio Hills Palms Conservation Area	0	36
		Joshua Tree National Park Conservation Area	0	171
		Mecca Hills/Orocopia Mountains Conservation Area	0	828
		Santa Rosa and San Jacinto Mountains Conservation Area	0	718
		Stubbe and Cottonwood Canyons Conservation Area	0	69
		Thousand Palms Conservation Area	40 0	0
		Upper Mission Creek/Big Morongo Canyon Conservation Area	0	12

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Desert dry wash woodland (cont.)	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	36
	Palm Desert	Santa Rosa and San Jacinto Mountains Conservation Area	0	1
	Cathedral City	Santa Rosa and San Jacinto Mountains Conservation Area	0	2
	La Quinta	Santa Rosa and San Jacinto Mountains Conservation Area	0	11
Desert dry wash woodland Total			10 0	2,031
Ephemeral sand fields	Riverside County	Santa Rosa and San Jacinto Mountains Conservation Area	0	5
		Snow Creek/Windy Point Conservation Area	0	273
		Willow Hole Conservation Area	0	104
Ephemeral sand fields	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	6

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
		Snow Creek/Windy Point Conservation Area	0	207
	Cathedral City	Willow Hole Conservation Area	0	87
<i>Ephemeral sand fields Total</i>			0	682
Red shank chaparral	Riverside County	Santa Rosa and San Jacinto Mountains Conservation Area	0	1,085
<i>Red shank chaparral Total</i>			0	1,085
Chamise chaparral	Riverside County	Stubbe and Cottonwood Canyons Conservation Area	0	27
		Whitewater Canyon Conservation Area	0	195
<i>Chamise chaparral Total</i>			0	222
Stabilized shielded sand fields	Riverside County	East Indio Hills Conservation Area	0	7

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Stabilized shielded sand fields Total			0	7
Desert fan palm oasis woodland	Riverside County	Dos Palmas Conservation Area	0	3
		Indio Hills Palms Conservation Area	0	7
Desert fan palm oasis woodland Total			0	10
Arrowweed scrub	Riverside County	Dos Palmas Conservation Area	0	0
Arrowweed scrub Total			0	0
Desert sink scrub	Riverside County	Dos Palmas Conservation Area	0	837
Desert sink scrub Total			0	837
Active desert dunes	Riverside County	Thousand Palms Conservation Area	0	5
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	38
		Snow Creek/Windy Point Conservation Area	0	42
Active desert dunes Total			0	85

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Sonoran cottonwood-willow riparian forest	Riverside County	Upper Mission Creek/Big Morongo Canyon Conservation Area	0	74
		Whitewater Canyon Conservation Area	0	105
Sonoran cottonwood-willow riparian forest Total			0	179
Mesquite hummocks	Riverside County	Dos Palmas Conservation Area	0	10
		Willow Hole Conservation Area	0	91
Mesquite hummocks Total			0	101
Stabilized desert sand fields	Riverside County	Edom Hill Conservation Area	0	2
		Willow Hole Conservation Area	0	55
	Palm Springs	Santa Rosa and San Jacinto Mountains Conservation Area	0	18
		Cathedral City	Willow Hole Conservation Area	0
Stabilized desert sand fields Total			0	130

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
Active sand fields	Riverside County	Edom Hill Conservation Area	0	41
		Thousand Palms Conservation Area	0	644
	Cathedral City	Willow Hole Conservation Area	0	22
Active sand fields Total			0	707
Cismontane alkali marsh	Riverside County	Dos Palmas Conservation Area	0	185
Cismontane alkali marsh Total			0	185
Desert saltbush scrub	Riverside County	Coachella Valley Stormwater Channel and Delta Conservation Area	5	0
		Willow Hole Conservation Area	1	136
Desert saltbush scrub Total			6	136
Stabilized desert dunes	Riverside County	Willow Hole Conservation Area	2	198
Stabilized desert dunes Total			2	198

Species / Natural Community	Permittee	Conservation Area	Authorized Disturbance Since 1996 (Acres)	Conserved Since 1996 (Acres)
<u>Coastal and valley freshwater marsh</u>	<u>Riverside County</u>	<u>Coachella Valley Stormwater Channel and Delta Conservation Area</u>	<u>0</u>	<u>0</u>
<u>Coastal and valley freshwater marsh Total</u>			<u>0</u>	<u>0</u>
<u>Southern arroyo willow riparian forest</u>	<u>Riverside County</u>	<u>Cabazon Conservation Area</u>	<u>0</u>	<u>0</u>
-	-	<u>Santa Rosa and San Jacinto Mountains Conservation Area</u>	<u>0</u>	<u>0</u>
-	<u>Palm Springs</u>	<u>Santa Rosa and San Jacinto Mountains Conservation Area</u>	<u>0</u>	<u>0</u>
<u>Southern arroyo willow riparian forest Total</u>			<u>0</u>	<u>0</u>