

**County of San Diego
Multiple Species Conservation Program
South County Subarea Plan Annual Report
Year 14, Reporting Period
January 1, 2011- December 31, 2011**



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Year 14, Reporting Period: January 1, 2011 – December 31, 2011
March 28, 2012**

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EXECUTIVE SUMMARY

This is the thirteenth annual habitat tracking report for the County of San Diego Multiple Species Conservation Program (MSCP) South County Subarea Plan prepared in conformance with Section 14.2 of the Implementing Agreement (IA) executed on March 17, 1998. This report accounts for habitat gain and loss associated with acquisitions and development projects from January 1, 2011 through December 31, 2011 within the MSCP Subarea Plan (Subarea) boundary.

This report includes a discussion of land acquisitions, land management activities, species monitoring programs, and funding sources that are utilized by the County to meet its MSCP obligations. Highlights of activities within the Subarea are summarized below.

Habitat Gains and Losses (Within the MSCP Subarea Plan Pre-Approved Mitigation Area (PAMA))

During this reporting period 551 acres of habitat were gained and 0.89 acres of habitat were lost within the MSCP PAMA. Since 1998, cumulative habitat gains and losses within the PAMA total 70,184.49 acres and 1,103 acres, respectively. The cumulative habitat gain within the PAMA represents 71% of the County's conservation goal of 98,379 acres.

Land Acquisition Commitment Status (Within and Outside the MSCP Subarea Plan PAMA) (Table 1)

During 2011, the County and its private conservation partners acquired a total of 590 acres (526 within the PAMA) and its Federal partners acquired 24 acres (all within the PAMA). The IA local acquisition commitment is 9,425 acres and the state/federal acquisition commitment is 9,425 acres (total of 18,850 acres within the Subarea). Since 1998, the County and its private conservation partners have acquired a total of 7,006 acres and the Federal and State agencies have acquired a total of 27,130 acres of land that count toward the local and federal/state acquisition commitments as specified in the IA.

Rough Step: Preserve Assembly & By Vegetation Type (Table 2)

The County has maintained conservation in rough step with development. The objective of the MSCP is being met as the majority of habitat preservation has occurred within the PAMA, while the majority of development has occurred outside of the PAMA. In particular, the Metro-Lakeside-Jamul Segment is in rough-step with conservation targets for various vegetation types.

County Preserve Management and Monitoring (Tables 3 and 4)

Out of the ten County preserves within the Subarea PAMA, the County has completed Resource Management Plans (RMPs) for nine preserves including the recently completed RMP for the Lawrence and Barbara Daley Preserve. An RMP for the County's newest preserve, Stoneridge Preserve in Harbison Canyon, will be initiated in Spring 2012.

In accordance with the RMPs, the County provides basic stewardship including access control, park ranger patrols, fence and gate installation and repair and trash removal. Ongoing stewardship and adaptive management activities performed in 2011 include fencing/gate repair and installation, removal of non-native and invasive species, erosion control, trail rehabilitation, and fuel management activities.

MSCP monitoring data tracking maps depict the status of on-going monitoring activities for preserves with completed RMPs and can be viewed online at http://www.co.san-diego.ca.us/parks/management_plans.html. More information is included in Section 3.0 of this report.

Management of Private Mitigation Lands (Table 5)

Twelve projects in the Subarea have active resource management plans (RMP). These are projects that, as a condition of their development entitlements, were required to preserve habitat in perpetuity. Once an RMP is approved by DPLU, developers are required to submit annual reports to DPLU detailing the monitoring and habitat management activities conducted within the dedicated habitat conservation area (HCA).

During 2011, annual reports were received for six of the twelve projects. Of the remaining six projects, two violation letters were issued, resource management for one project will begin when the site is graded, the owner defaulted on one of the properties and cannot be reached, a new RMP and Open Space Management Agreement is being prepared by the new owners of another project, and demand letters have been sent on the remaining project. During 2012, DPLU will follow up on the RMPs for which no annual reports were received.

Financial (Table 6)

During 2011, the County Board of Supervisors appropriated \$10 million for acquisition of open space throughout the adopted Subarea and planned North and East County plan areas. In 2011, the County spent approximately \$5.27 million, leveraged with \$200,000 of State Habitat Conservation funds to acquire 338 acres of land in fee. Since 1998, the County has contributed more than \$25.7 million leveraged with \$35.8 million of other funding to acquire 5,964 acres in the South County Subarea.

The Board of Supervisors appropriated \$4.7 million for ongoing management and monitoring efforts for approximately 16,682 acres within the Subarea, Tijuana River Valley, Otay Valley Regional Park and the future North and East County Plan Areas.

1.0 INTRODUCTION

The purpose of this document is to provide a summary on the current status of the Multiple Species Conservation Program (MSCP) South County Subarea Plan (Subarea Plan) for the reporting period (January 1, 2011 — December 31, 2011) including:

- Habitat gains and losses;
- Permits, amendments, and other implementation activities;
- Management and monitoring activities and issues; and
- Funding and expenditures.

Annual tracking of Subarea gains, losses, management, and monitoring is required by Section 14.2 of the Implementing Agreement dated March 17, 1998 and the Habitat Conservation Plan/Natural Community Conservation Program Plan (HCP/NCCP Plan) take permits/authorizations.

2.0 CHANGES IN COUNTY LAND USE POLICIES AND REGULATIONS

Changes in County land use policies and regulations during 2011 and 2010 that pertain to the MSCP are described below.

2.1 General Plan

An updated General Plan for the County of San Diego was adopted by the Board of Supervisors on August 3, 2011. Compared to the previous General Plan, this update reduces housing capacity by 15 percent and shifts 20 percent of future growth from eastern backcountry areas to west of the County Water Authority boundary. This change reflects the County's commitment to a sustainable growth model that facilitates efficient development near infrastructure and services, while respecting sensitive natural resources and protection of existing community character in its extensive rural and semi-rural communities.

For biological resources the goals and policies in the Conservation and Open Space (COS) Element of the General Plan follow many of the same principles as the MSCP.

Goal COS-1

Inter-Connected Preserve System. A regionally managed, inter-connected preserve system that embodies the regional biological diversity of San Diego County.

Policies

COS-1.1 Coordinated Preserve System. Identify and develop a coordinated biological preserve system that includes Pre-Approved Mitigation Areas, Biological

Resource Core Areas, wildlife corridors, and linkages to allow wildlife to travel throughout their habitat ranges.

- COS-1.2 Minimize Impacts.** Prohibit private development within established preserves. Minimize impacts within established preserves when the construction of public infrastructure is unavoidable.
- COS-1.3 Management.** Monitor, manage, and maintain the regional preserve system facilitating the survival of native species and the preservation of healthy populations of rare, threatened, or endangered species.
- COS-1.4 Collaboration with Other Jurisdictions.** Collaborate with other jurisdictions and trustee agencies to achieve well-defined common resource preservation and management goals.
- COS-1.5 Regional Funding.** Collaborate with other jurisdictions and federal, state, and local agencies to identify regional, long-term funding mechanisms that achieve common resource management goals.
- COS-1.6 Assemblage of Preserve Systems.** Support the proactive assemblage of biological preserve systems to protect biological resources and to facilitate development through mitigation banking opportunities.
- COS-1.7 Preserve System Funding.** Provide adequate funding for assemblage, management, maintenance, and monitoring through coordination with other jurisdictions and agencies.
- COS-1.8 Multiple-Resource Preservation Areas.** Support the acquisition of large tracts of land that have multiple resource preservation benefits, such as biology, hydrology, cultural, aesthetics, and community character. Establish funding mechanisms to serve as an alternative when mitigation requirements would not result in the acquisition of large tracts of land.
- COS-1.9 Invasive Species.** Require new development adjacent to biological preserves to use non-invasive plants in landscaping. Encourage the removal of invasive plants within preserves.
- COS-1.10 Public Involvement.** Ensure an open, transparent, and inclusive decision-making process by involving the public throughout the course of planning and implementation of habitat conservation plans and resource management plans.
- COS-1.11 Volunteer Preserve Monitor.** Encourage the formation of volunteer preserve managers that are incorporated into each community planning group to supplement professional enforcement staff.

Goal COS-2

Sustainability of the Natural Environment. Sustainable ecosystems with long-term viability to maintain natural processes, sensitive lands, and sensitive as well as common species, coupled with sustainable growth and development.

Policies

COS-2.1 Protection, Restoration and Enhancement. Protect and enhance natural wildlife habitat outside of preserves as development occurs according to the underlying land use designation. Limit the degradation of regionally important natural habitats within the Semi-Rural and Rural Lands regional categories, as well as within Village lands where appropriate.

COS-2.2 Habitat Protection through Site Design. Require development to be sited in the least biologically sensitive areas and minimize the loss of natural habitat through site design.

Goal COS-3

Protection and Enhancement of Wetlands. Wetlands that are restored and enhanced and protected from adverse impacts.

Policies

COS-3.1 Wetland Protection. Require development to preserve existing natural wetland areas and associated transitional riparian and upland buffers and retain opportunities for enhancement.

COS-3.2 Minimize Impacts of Development. Require development projects to: mitigate any unavoidable losses of wetlands, including its habitat functions and values; and protect wetlands, including vernal pools, from a variety of discharges and activities, such as dredging or adding fill material, exposure to pollutants such as nutrients, hydromodification, land and vegetation clearing, and the introduction of invasive species.

2.2 Other County Regulations and Policies

Changes were made to help achieve the goals of Sections 4.2.1 through 4.2.4 of the County's Subarea Plan and Section 6.2.3 of the MSCP. Changes were made to the Biological Mitigation Ordinance that implements the MSCP in the County's subarea and to the County's Guidelines for Determining Significance and Report Format and Content Requirements. Also, a Mitigation Land Policy was added to the County's policies.

2.2.1 Biological Mitigation Ordinance

The burrowing owl is covered by the MSCP and the County's Subarea Plan. The Biological Mitigation Ordinance (BMO) in 2010, which implements the County's Subarea Plan, was changed to allow impacts in the Subarea to be mitigated outside the Subarea on land covered by another approved MSCP subarea plan. This change was initiated to allow impacts to burrowing owls in East Otay Mesa (the County's jurisdiction) to be mitigated by land acquired in Otay Mesa (the City of San Diego jurisdiction), so that mitigation would be as close as possible to the impact location. Mitigation outside the Subarea would be allowed only when a project proponent has demonstrated a good faith effort to mitigate in the Subarea and has shown that such mitigation is not feasible. The CEQA document that evaluated the impact of the change to the BMO was an

Addendum to the MSCP Environmental Impact Report. The change was approved by the Board of Supervisors in March 2010.

2.2.2 Guidelines for Determining Significance and Report Format and Content Requirements

In 2010 the County revised its Guidelines for Determining Significance and Report Format and Content Requirements. A Strategy for Mitigating Impacts to Burrowing Owls in the Unincorporated County (Burrowing Owl Strategy) was added as Attachment A to the County's Report Format and Content Requirements. The Burrowing Owl Strategy allows impacts to burrowing owls in East Otay Mesa to be mitigated half in East Otay Mesa and half at a location outside East Otay Mesa (such as Otay Mesa) that has an approved Subarea Plan, if an applicant has demonstrated a good faith effort to mitigate within the Subarea. The Burrowing Owl Strategy was prepared in coordination with the wildlife agencies.

Understanding that the Hermes copper butterfly (*Lycaena hermes*), which occurs in the South County Subarea, may be federally listed during the next few years, the County also added Guidelines for Hermes Copper to the Report Format and Content Requirements to provide guidance to consulting biologists, County staff, and project applicants in surveying for the Hermes copper, mapping its habitat, evaluating impacts, and mitigating impacts to Hermes copper and its host plant, spiny redberry (*Rhamnus crocea*). If this species is listed, the County would likely add it to the County's list of covered species through an amendment process similar to what is being done for the Quino checkerspot butterfly.

The coastal cactus wren is covered by the MSCP and the County's Subarea Plan. The County also added Guidelines for Cactus Salvage as Attachment C to the Report Format and Content Requirements. Native cacti from occupied coastal cactus wren habitat or potential coastal cactus wren nesting habitat that will be impacted will be salvaged and used in restoration of coastal cactus wren habitat.

The Burrowing Owl Strategy, the Hermes Copper Guidelines and the Cactus Salvage Guidelines were part of the revisions to the County's Guidelines for Determining Significance and Report Format and Content Requirements approved by the County's Deputy Chief Administrative Officer in September 2010. These documents are available online at: <http://www.sdcounty.ca.gov/dplu/procguid.html>.

2.3 MSCP Coordination

MSCP and Subarea Plan implementation requires coordination among County departments and between the County and the wildlife agencies. Regularly scheduled internal meetings regarding MSCP issues are held at the County to facilitate and ensure consistency in implementing the MSCP and Subarea Plan. Department of Parks and Recreation (DPR) and Department of Planning and Land Use (DPLU) MSCP staff regularly meet to discuss issues and exchange ideas; six MSCP coordination meetings

between DPR and DPLU were held in 2011. County Counsel meetings with County staff are scheduled every two weeks to discuss project specific and overall MSCP issues. DPLU biologists meet approximately twice per month to discuss discretionary project issues, including those that relate to the MSCP; 18 biology meetings were held in 2011.

Both DPR and DPLU meet collaboratively and independently with the Wildlife Agencies to discuss MSCP implementation, future MSCP planning and project specific issues. For example, meetings are scheduled regularly with the Wildlife Agencies to discuss the draft North County Plan. In 2011, six of these meetings were held with the Wildlife Agencies.

3.0 HABITAT GAINS AND LOSSES

The 2011 annual report accounts for habitat preserved (gained) within the PAMA through acquisitions and dedications of land as mitigation through the discretionary permit process as well as habitat removed (lost) due to development within and outside of the PAMA. Mitigation gain and loss may be associated with the following types of development projects, as well as other discretionary projects for which approvals were granted during the reporting period:

- Private projects (tentative maps/tentative parcel maps) with final map approval;
- Projects that have been issued grading permits;
- Building permits exempt from the Biological Mitigation Ordinance (BMO);
- New agricultural clearing exempt from the BMO;
- Lands acquired by the County or other governmental agency for preservation purposes;
- Approved mitigation bank lands with at least one credit utilized; and
- Changes to the Subarea preserve boundaries, including amendments and annexations.

Only those acres acquired and dedicated within the PAMA count toward the preserve conservation goal of 98,379. During the calendar year 2011 reporting period there were 551 acres of habitat gained within the PAMA. Since 1998, a total of 70,184 acres of habitat have been gained within the PAMA. This cumulative habitat gain within PAMA represents 71% of the conservation goal of 98,379 acres. The total amount of habitat lost within the Subarea in 2011 was 75.1 acres¹ of which only 0.89 acre was within PAMA. A total of 1,103 acres² of habitat have been lost within the PAMA since 1998.

Table 1, prepared utilizing County data, shows the cumulative habitat gained within the PAMA as 70,184 acres.

Tables 7, 8 and 9 were prepared by the CDFG and are known as "Habitrak Tables."

¹ This cumulative total acreage excludes urban/developed acreage.

² This cumulative total acreage excludes urban/developed acreage.

The cumulative gain within the Subarea indicated by Habitrak on Table 1 is 68,934 acres (68,993 minus 59 acres of urban/developed land). Detailed accounting is provided in Habitrak Tables 7, 8 and 9 and graphically in Figures 1, 2 and 3 at the end of this report. The County-maintained data does not exactly match the Habitrak numbers, but they are accurate based on our year-to-year manual updates. The Habitrak database and report formats have undergone major updates and changes and the numbers are continuously being corrected. County staff manually updates data and utilizes this internal information for the MSCP Annual Report.

3.1 Rough Step: Preserve & Assembly by Vegetation Type

The majority of habitat gains have occurred within the PAMA, while the majority of loss due to development has occurred outside of the PAMA (Table 7 and Figure 2) indicating that overall, conservation goals are being met.

Per Section 4.4 (Overall Land Conservation for the Metro-Lakeside-Jamul Segment) of the Subarea Plan and Section 14 of the Implementing Agreement, conservation of each vegetation type within the Metro-Lakeside-Jamul segment is presented in Table 2 and the data indicate that conservation is proceeding in rough-step with development. It should be noted that existing vegetation maps utilized to develop baseline conditions in HabiTrak are regional in nature and may not be fully consistent with actual on-the-ground conditions in all cases. Additionally, because the data are generated through the California Environmental Quality Act (CEQA) discretionary process when projects are approved, some loss may not be offset by preservation because it is associated with building permits or ministerial actions which are exempt from both CEQA and the Biological Mitigation Ordinance (BMO), but are still tracked under the IA. Below is a table showing conservation in the Lake Hodges and North Metro-Lakeside-Jamul Segment (North of Interstate 8) and the South County and South Metro-Lakeside-Jamul Segment (South of Interstate 8):

Habitat Gains by Segment since 1998*			
	Acres Outside PAMA	Acres Inside PAMA	Total Acres
Lake Hodges	359	2,614	2,973
North Metro-Lakeside-Jamul	4,517	8,805	13,321
South Metro-Lakeside-Jamul	9,546	11,008	20,554
South County	974	7,361	8,335
Habitat Loss by Segment			
	Acres Outside PAMA	Acres Inside PAMA	Total Acres
Lake Hodges	2,404	91	2,495
North Metro-Lakeside-Jamul	2,661	427	3,088
South Metro-Lakeside-Jamul	2,790	483	3,273
South County	459	128	587
*Habitrak Program does not provide report by vegetation community for each segment			

3.2 Acquisitions Within and Outside of the MSCP Subarea Plan PAMA

Section 10.4 of the Implementing Agreement includes an acquisition commitment by the County and Wildlife Agencies (USFWS and CDFG) to acquire 18,850 acres (9,425 acres locally by the County/conservation partners and 9,425 acres by the Wildlife Agencies) as their fair share of conservation. All acres acquired (within and outside the PAMA) count toward each agency's commitment of 9,425 acres. The Wildlife Agencies have surpassed their commitment. The County has purchased over 5,964 acres of its total acquisition commitment during the first 14 years of this 50-year program. In addition, private conservation partners have acquired 1,018 acres for a total of 6,982 acres. Three thousand three hundred thirteen (3,313) of the total acres acquired by the County are within the PAMA and 943 of the total acres acquired by our private nonprofit partners are within the PAMA for a total of 4,256 acres acquired within the PAMA.

The total acreage acquired by the County and the Federal and State partners within and outside the South County Subarea PAMA is set forth in the chart below:

STATUS OF MSCP ACQUISITIONS			
	Inside PAMA	Outside PAMA	Totals
Federal/State	15,184	11,947	27,130
County	3,313	2,651	5,964
Local Partners	943	75	1,018
Total	19,440	14,673	34,112

3.3 Mitigation Banks (Table 10)

Since the adoption of the MSCP, several mitigation banks have been established in the County. These banks are utilized by the Department of Public Works for public projects, such as road improvements.

Two types of mitigation banks are in the County: 1) mitigation banks that are approved by the Wildlife Agencies and 2) mitigation banks that do not have the formal approval of the Wildlife Agencies. In addition to a signed agreement, approved mitigation banks are considered entirely preserved when the first credits are purchased, while the County only receives preservation credit at the time a conservation easement has been approved for mitigation banks without agreements. Banks without agreements need to clearly demonstrate their credit accounting methods and management considerations. For information on non-County mitigation banks, contact the mitigation bank operator or manager directly or visit: <http://www.dfg.ca.gov/habcon/conplan/mitbank/>. A directory of other mitigation banks approved by the wildlife agencies can be found at <http://www.dfg.ca.gov/habcon/conplan/mitbank/catalogue/catalogue.html>.

3.4 Mitigation Land Policy

On January 13, 2010 (6), the Board of Supervisors adopted Board of Supervisors Policy I-138. This policy describes the County program for acquiring land and making it available to mitigate the biological impacts of public and private projects through the sale of mitigation credits. The policy authorizes DPR to administer the sale of mitigation credits. Board Policy I-138 sets forth two methods by which the value of the mitigation credits may be determined and requires applicants to pay for the valuation. The policy also requires DPR to calculate an amount for annual stewardship costs (an endowment) and to add this amount to the cost of the mitigation credits. Each transaction requires the execution of a Certificate of Mitigation and Purchase Agreement. DPR maintains a database to track the conveyance of mitigation credits to purchasers and the application of mitigation credits to development projects. Below is a table that sets forth the revenue generated in 2011 from the sale of mitigation credits in accordance with the Mitigation Land Policy in the South County Subarea:

2011 Mitigation Land Policy Revenue within South County Plan Area					
Project	Credits Sold	Credit Cost	Endowment	Total Revenue	Applicant
Tuscan Ridge	1.07	\$13,500	\$4,060	\$17,560	Private
Dictionary Hill-Maria Ave	0.31	\$ 7,225	\$1,240	\$ 8,465	Private
Total	1.38	\$20,725	\$5,300	\$26,025	

3.5 Clearing for Single-family Residences on Small Parcels

Per Section 4.3.4.2 of the Subarea Plan, parcels that are no larger than 10 acres and are zoned for single family dwellings and that contained a dwelling unit as of October 22, 1997 are exempt from clearing regulations. Within the PAMA, grading and clearing is permitted on two acres of parcels existing as of January 1, 1997 that did not contain a dwelling unit as of October 22, 1997, that are no larger than 10 acres and are zoned for single-family residential uses, provided that clearing and grading of such two acre portions does not interfere with achieving the goals and criteria of the Subarea Plan. Grading and clearing on the remaining portion of the parcel must meet the mitigation requirements of the Biological Mitigation Ordinance.

Outside the PAMA, grading and clearing on parcels no larger than 10 acres, zoned for single family residential uses as of January 1, 1997 and that do not contain a dwelling unit as of October 22, 1997, are allowed to clear or grade a total of five acres. Clearing of the remainder of the parcel shall be subject to the requirements of the Subarea Plan and the Biological Mitigation Ordinance. Clearing for fuel management does not count in computing the number of acres cleared.

Private landowners of small parcels zoned for single-family residences can apply for a Certificate of Inclusion (COI) for their property. The COIs are issued for two or five acres depending on if the parcel is in the PAMA or not, and 10 acres if a house existed on the parcel before October 1997, even if the landowners actually intend to clear less. The Subarea Plan does not have a limit for how many total acres can be cleared. The following COIs for clearing habitat on parcels 10 acres or smaller were issued in 2011.

Date COI Issued	APN	House/Inside or Outside of PAMA	Acres*
4/29/2011	239-160-61	Outside	5
5/3/2011	395-022-28	Inside	2
5/6/2011	379-060-01	House existed before October 1997	10
5/6/2011	515-082-52	Inside	2
10/27/2011	239-151-26	House existed before October 1997	10
11/2/2011	504-193-08	House existed before October 1997	10
11/2/2011	496-161-05	House existed before October 1997	10
12/6/2011	497-092-13	Outside	5
10/12/2011	271-051-17	Outside	5
Total			59

* Acreage is included in Table 2.

3.6 Agricultural Exemptions

Section 4.3.4.3 of the Subarea Plan allows up to 3,000 acres of clearing and grading for agriculture without mitigation requirements of the Subarea Plan and the Biological Mitigation Ordinance. When clearing and grading of habitat reaches 3,000 acres, all other clearing and grading for agriculture will be subject to the mitigation requirements of the Subarea Plan and the Biological Mitigation Ordinance. Private landowners can apply for a Certificate of Inclusion (COI) for agricultural clearing and grading until the 3,000 acres is reached.

The COIs issued for agricultural clearing in the Subarea since the Subarea Plan was approved are listed below. The 2011 acreages were inadvertently left out of the CDFG Habitak table (Table 2) when they were prepared at the end of 2011. Therefore, 798.85 acres of loss to agricultural clearing need to be added to Table 2, for a total loss in 2011 of 883.25 acres and cumulative loss since the Subarea Plan was approved of 10,864.75 acres. The acreages for the three 2011 COIs will be added to the Habitak table and included in the 2012 annual report. To date, 27% of the 3,000 acres has been issued COIs for agricultural clearing.

Agricultural Clearing Permit Number	Date Issued	Site Name	APNs	Acres
AE301	12/11/00	Gibson	399-020-17	28.60
AE01-005	03/16/01	Boney	513-080-23	2.00
AD03-051	01/14/04	Royden	285-030-10	9.86
AD03-051	01/14/04	Royden	327-011-03	42.72
AD 04-048	08/09/04	Shank	375-171-03	1.00
AD 04-048	08/09/04	Shank	375-171-04	1.00
None	3/31/2011	High Meadow Ranch	Portions of 389-091-05, -06, -25	6.55
AD 11-017	8/10/2011	Rancho Guejito	240-270-58, 242-010-71, 242-010-72, 242-030-37, 242-030-38, 242-031-03, 242-080-01, 242-080-07, 243-110-01, 243-110-04, 243-150-05, 244-020-04	763.00
AD 09-058	10/13/2011	Rockwood Ranch	242-070-07	29.30
Total				884.03

3.7 Building Permit COIs

The DPLU's Building Division issues COIs that allow habitat clearing of the amount needed to construct whatever is approved by the Building Permit. The acreages of habitat allowed to be cleared for these projects in 2011 and cumulatively are given in Table 9.

3.8 Significant Blocks of Habitat

The County ensures that edge effects are reduced next to significant blocks of habitat that are preserved through the MSCP and Subarea Plan. Preserve lands are acquired in large blocks, and facilities and trails are sited in individual preserves to avoid impacts to important biological and cultural resources as much as possible. Mitigation lands are preserved in large blocks whenever possible, or project applicants are directed to mitigation banks where the preserved habitat will be part of a large block.

Potential impacts from new development on biological resources in the preserve and throughout the unincorporated County are minimized through ordinances, such as the Noise Ordinance, Lighting Ordinance, and the Biological Mitigation Ordinance. The County's Guidelines for Determining Significance and Report Format and Content Requirements require minimization of indirect impacts including illegal access, non-native predators, non-native plant and animal species, artificial illumination of habitat, runoff and noise. The County's Guidelines for Determining Significance expand on the California Environmental Quality Act (CEQA) Guidelines Appendix G by identifying County specific issues to be addressed under CEQA. County planners routinely work

with project applicants to reduce impacts to biological resources in the preserve and throughout the County.

3.9 Preservation of Linkages

During processing of private projects, DPLU strives to maintain linkages between large patches of preserved habitat. Any project impact that would impede wildlife access to foraging habitat, breeding habitat, water sources, or other areas necessary for their reproduction; substantially interferes with connectivity between blocks of habitat, or would potentially block or substantially interfere with a local or regional wildlife corridor or linkage; creates artificial wildlife corridors that do not follow natural movement patterns; does not maintain an adequate width for an existing wildlife corridor or linkage and/or would further constrain an already narrow corridor; does not maintain adequate visual continuity (i.e., long lines-of-sight) within wildlife corridors or linkage is considered significant and requires mitigation. Therefore, DPLU planners work with the project applicants and engineers to ensure that adequate linkages and corridors are maintained when projects are designed.

For example, if the project proposes roads that cross corridors, fencing that channels wildlife to underpasses located away from interchanges are required to provide connectivity between habitat on each side of the road. Wildlife underpasses are required to have dimensions (length, width, height) suitable for passage by the affected species based on a site-specific analysis of wildlife movement.

The adequacy of the width of the corridor or linkage is based on the biological information for the target species, the quality of the habitat within and adjacent to the corridor, topography and adjacent land uses. Where there is limited topographic relief, the corridor is required to be well-vegetated and adequately buffered from adjacent development. Corridors for bobcats, deer and other large animals are generally required to reach rim-to-rim along drainages.

4.0 MANAGEMENT AND MONITORING

In conformance with Section 10.9 (Preserve Management) and Section 14.5 (Biological Monitoring) of the IA, the County is responsible for managing and monitoring the land it owns or acquires as well as ensuring that other private mitigation lands that are dedicated to the County within the PAMA are managed and monitored consistent with MSCP.

4.1 Preserve Management of County Lands

Ongoing stewardship and adaptive management activities performed in 2011 include access control, regular park ranger patrols, fence and gate installation and repair and trash removal, eradication of non-native and invasive species, erosion control, trail

rehabilitation, fuel management activities, stream corridor improvement, vector control, and habitat restoration.

Please see Table 3 for additional ongoing stewardship and adaptive management activities performed at County preserves within the PAMA during 2011. Out of the ten County preserves within the Subarea PAMA, the County has completed RMPs for nine preserves including the recently completed RMP for the Lawrence and Barbara Daley Preserve. The County's newest preserve, Stoneridge Preserve in Harbison Canyon, consists of the land formerly known as the Bahde property and 226 acres of land acquired in 2011 (formerly known as the Worley property). An RMP for Stoneridge Preserve will be initiated in Spring 2012. The status of RMPs is set forth in Table 4.

4.2 Preserve Biological Monitoring

The main goal for biological monitoring is to collect high quality, accurate data to detect population trends, changes in habitat quality, and wildlife corridor functionality to guide adaptive management for the preserves. Baseline biological and cultural monitoring surveys were completed at Del Dios Highlands Preserve (new acquisitions). MSCP Monitoring Data Tracking maps, which depict the planned schedule of on-going monitoring activities for preserves with completed RMPs, can be viewed at the DPR offices and online at http://www.co.san-diego.ca.us/parks/management_plans.html.

4.3 Preserve Management of Private Mitigation Lands

Since 1998, 12 projects within the Subarea Plan have current open resource management plans (RMP). These are projects that as a condition of their development entitlements were required to preserve habitat in perpetuity. Once an RMP is approved by DPLU, developers are required to submit annual reports to DPLU detailing the monitoring and habitat management activities conducted within the dedicated habitat conservation area (HCA).

1. RMP 98-001 Bernardo Lakes. This RMP was managed by TET with funding provided by the Bel-Etage Savenna HOA. When TET went bankrupt, a letter was sent (5-3-06) by the County indicating that in accordance with the RMP, a new manager would need to be acquired. Per correspondence with the Bel-Etage Savenna HOA, they believe they are only responsible for fuel management within the brush management zones. A violation letter was sent requesting a new Open Space Maintenance Agreement, a revised PAR and revised RMP including a new manager.
2. RMP 99-001 Ralphs Family. 2010-2011 annual reports were submitted in August of 2011. The annual report was prepared by Joaquin Meza, no major concerns noted. There was normal removal of artichoke thistle by hand taking place throughout the preserve.

3. RMP 99-002 4S Ranch. 2010-2011 annual reports were submitted in September 2011 by Dudek. The Invasive weed control is ongoing throughout the preserve and this year efforts were focused in the thread- leaved brodiaea preserve area. There was an area near the water tank that has been found to be used for dumping, removal of the debris is taking place along and additional signs will be placed. No other major concerns were noted.
4. RMP 99-003 Salviati-Golem. 2010-2011 annual reports were submitted in June 2011 and prepared by the San Dieguito River Park Joint Powers Authority. No major issues noted. This last year major invasive weed control has been a focus and efforts are well ahead of goals due to outside funding. They have begun a control program for exotic animal removal focusing this last year on non native bullfrogs.
5. RMP 99-004 Santa Fe Valley Starwood/Crosby. 2010-2011 annual reports were submitted in May 2011 by Rincon Consultants. No major issues were noted. For 2011-2012 additional signs are planned to be installed and updated vegetation mapping is to take place.
6. RMP 99-005 Woodridge. 2010-2011 annual reports were submitted in November 2011 by the Center for Natural Lands Management. Trail improvements were installed, nonnative species were treated or removed, and fuel management activities were performed as per the site's guidelines for fuel zones. The only main issue to report was a small fire, just west of the kiosk, of which about 1/10 acre burned. This fire was likely a result of kids smoking in the preserve, but the fire department did not provide a report. No other issues were noted.
7. RMP 01-001 Blossom Valley. 2010-2011 annual reports were submitted in November 2011 by the Center for Natural Lands Management. Activities for 2011 included: hand pulling or treatment with herbicide to nonnative plant species, primarily fountain grass (*Pennisetum setaceum*) and purple veldtgrass (*Erharta calycina*), all oak trees were assessed for any issues with the Gold Spotted Oak Borer Beetle. No other problems were noted.
8. RMP 02-003 Maranatha Chapel. The applicant has not recorded the required open space easements nor have they acquired an open space manager in accordance with the RMP. A violation letter was sent requesting copies of the recorded open space documents, an Open Space Maintenance Agreement and PAR.
9. RMP 03-001 Onyx Ridge. Per this RMP, management is to commence when grading begins. To date, grading of the site has not commenced.
10. RMP 03-002 El Apajo. The owner of this site (DREC) has defaulted on the property although records still list them as the property owner. The applicant

cannot be reached at the numbers from DREC. The property was included on the roll for a March 18, 2011 tax sale but was withdrawn.

11. RMP 05-004 Greenhills Ranch. Annual reports for Greenhills Ranch have not been submitted. DPLU is currently working with the new owners RBC Real Estate Finance to ensure the RMP is established and funded before they can pull any future permit. The owners currently have an open L grade permit; DPLU is working with DPW staff to ensure no permits will be issued until the RMP condition is satisfied. RBC has submitted funds to DPLU and is currently preparing a revised RMP and open space maintenance agreement. These documents are anticipated to be submitted in April 2012.
12. RMP 06-005 Artesian Trail. The RMP for Artesian Trail was to be implemented beginning on June 1, 2007 and a management agreement between Greater Centurian at Artesian Trails and the San Dieguito River Valley Conservancy was dated April 23, 2007; however, no annual reports have been submitted. DPLU has sent several demand letters to the San Dieguito River Valley Conservancy, discussions are in process on how to proceed forward.

5.0 FINANCIAL SUMMARY

The County is responsible for funding acquisition, management and monitoring of lands within the PAMA. The costs associated with these activities may be funded through local and regional sources.

5.1 County Contribution

During 2011, the County Board of Supervisors appropriated \$10 million for acquisition of open space throughout the adopted Subarea and planned North and East County plan areas. In 2011, the County spent approximately \$5.27 million, leveraged with \$200,000 of State Habitat Conservation funds to acquire 338 acres of land in fee. Since 1998, the County has contributed more than \$25.7 million leveraged with \$35.8 million of other funding to acquire 5,964 acres in the South County Subarea.

The Board of Supervisors annually appropriates \$4.7 million for ongoing management and monitoring efforts on approximately 17,000 acres within the Subarea and future North and East County plan areas. The average cost for stewardship, monitoring, and adaptive management is \$150/acre. The location, fire management and species monitoring requirements as well as impacts of the urban interface affect the cost per acre. This amount varies based on economies of scale (e.g., a 500-acre park/preserve costs less per acre to survey and monitor than a 100-acre park/preserve).

5.2 TransNet Funding

The San Diego Association of Governments (SANDAG) is a regional transportation agency responsible for administering TransNet funds collected as a local half-cent sales tax for transportation improvements. The vote to extend the TransNet tax in 2004 included \$850 million to fund land acquisition, land management, and species monitoring of mitigation lands for local and regional transportation projects known as the TransNet Environmental Mitigation Program (EMP). According to its latest report, "SANDAG has provided more than \$19 million dollars as of July 2011 to manage and monitor the regional habitat preserve system. This is accomplished through a competitive land management grant program, funding existing regional biological monitoring efforts, and directly assisting land managers with the necessary tools and resources to aid in their efforts." No TransNet grant funding was received by the County in 2011. Below is a status of ongoing projects previously funded by SANDAG.

Lawrence and Barbara Daley Preserve

Invasive, non-native plant treatment and removal commenced in November 2011 and will continue into 2012. This work is being conducted by River Partners, a 501(c)3 nonprofit corporation, in partnership with the County.

El Monte Park and Cactus Park

Invasive, non-native plant treatment and control work along the San Diego River corridor was completed by the San Diego River Conservancy in November 2011.

Lakeside Linkage

Two cactus wren habitat restoration areas were delineated on the central property in August 2011. These areas were dethatched to remove non-native plants and thatch in September 2011. Prickly pear cactus pads and cholla cactus cuttings were obtained and placed within the two restoration areas in December 2011.

Otay Ranch Preserve

Approximately 10,000 coast cholla (*Opuntia prolifera*) and prickly pear (*Opuntia littoralis*) cactus cuttings were salvaged and planted along with native seed at a one-acre cactus wren restoration and enhancement site at Salt Creek within the Otay Ranch Preserve.

6.0 MSCP MAP UPDATE

The County Board of Supervisors approves the updated MSCP Subarea Map with receipt of the 2011 MSCP Annual Report. The updated map changes the designations of minor or major amendment areas that have received approved amendments from the County, with concurrences from the Wildlife Agencies. The designations are changed from amendment areas to either take authorized, if there was a loss, or hardline preserve, if there was a gain. No changes were made to the map in 2011 and therefore, the map adopted as part of the 2009 MSCP Annual Report remains current (Figure 4).

7.0 QUINO CHECKERSPOT BUTTERFLY AMENDMENT

During 2011 DPLU MSCP staff continued work on the amendment to add the Quino checkerspot butterfly (Quino; *Euphydryas editha quino*), a federally listed species, to the list of species covered by the County's Subarea Plan.

The amendment was discussed at meetings with the wildlife agencies and work that was initiated in 2010 on the draft environmental document (Supplemental Environmental Impact Report [SEIR]/Environmental Assessment [EA]) continued in 2011. Potential alternatives to evaluate in the environmental document were discussed with the wildlife agencies and include:

- o No project, no permit
- o Alternatives to restoration (more or less restoration to be required)
- o Alternatives to take (less or no take)
- o Addressing major amendment area
- o Village 13 alternatives, since most of the take of Quino will be at Village 1
- o Add an additional connection toward the east

The last potential alternative on the list would add a connection between sightings of Quino in and near Hollenbeck Canyon and the eastern boundary of the Subarea because Quino have been sighted just east of the Subarea, in an area that will be included in the East County Plan. MSCP staff and the wildlife agencies visited the area in 2011 to consider the alternative.

8.0 EDUCATION AND OUTREACH

One of the key activities of the County Parks and Recreation Department is educating the public about the County's invaluable natural resources. Rangers and volunteers are trained in the Environmental Education program to provide multiple interpretive services to the public. Presentations are available to people of all ages, including schools, parks, campgrounds, interpretive centers, camps, scout groups, and churches.

Among these entertaining and informative programs are:

- Discovery Kit Program. This program has assisted hundreds of educators and their students to explore the wealth of nature in their own backyards. The hands-on course includes pre-field trip activities for classroom use, field trip activities for use in the park, and post-field trip activities for classroom and home use. The curriculum is correlated with the California Science Framework and includes information on fire ecology and the Multiple Species Conservation Program (MSCP).
- Wildlife conservation programs with live animals
- Environmental slide programs
- Safety talks
- Ranger-led nature walks

9.0 CONCLUSION

During the first 14 years of this 50 year program, the County and its agency and private conservation partners have assembled more than 70,184 acres of the 98,379-acre preserve which represents 71% of the total MSCP conservation goal. The Board of Supervisors maintains its commitment to the parks and open space conservation program by continuing its annual appropriation of \$4.7 million dollars for management and monitoring of these natural areas. Ongoing management and species monitoring of these preserve areas will enable the County to preserve the biological value of these lands.

Table 1 MSCP Preserve Assembly Status

	PAMA Goals	Adjust	Revised PAMA Goal	Acres of 2010*	Gains within PAMA in 2011	Acres 2011	Goal Balances	Explanation
MSCP Preserve Goals	101,269	(2,890)	98,379					Adj: Minus 2,890 acres annexed to City of CV
County Baseline	5,461	0	5,461	5,461	N/A	5,461	N/A	MSCP IA Page 26
State/Fed Baseline	32,600	0	32,600	32,600	N/A	32,600	N/A	MSCP IA Page 26
Private Baseline	7,755	0	7,755	7,755	N/A	7,755	N/A	MSCP IA Page 26
Baseline Preserve						45,816		
Dedicated Private Hardline	14,153	(2,590)	11,563	3,370	0	3,370	8,193	Minus 2890 annexed to City of CV; Add 300 acres Lambron (transferred from BMO pot);
Privately Dedicated Lands	22,450	(300)	22,150	1,557	1	1,558	20,593	Adj: Transfer 300 acres Lambron to Hardline per B/S action on 10-22-97; Adj: decrease of 70 acres in 2011 that were acquired by County in 2011.
Fed and State Acquisitions	9,425		9,425	15,160	24	15,184		18,850 Fed/State/County acquisitions.
County/Local Acquisitions	9,425		9,425	3,730	526	4,256	-590	
	101,269		98,379	69,633	551	70,184	28,196	
						71%		

ACQUISITION DETAIL WITHIN PAMA				
Local Acq	Goal	2010 Balance	2011 Additions	Acq. to Date
County	9,425			
Non-Profits		2,982	331	3,313
Total Local Acq		748	195	943
Total State/Fed PAMA Acq		3,730	526	4,256
Total Acquisitions within PAMA	9,425	15,160	24	15,184
		18,890	550	19,440

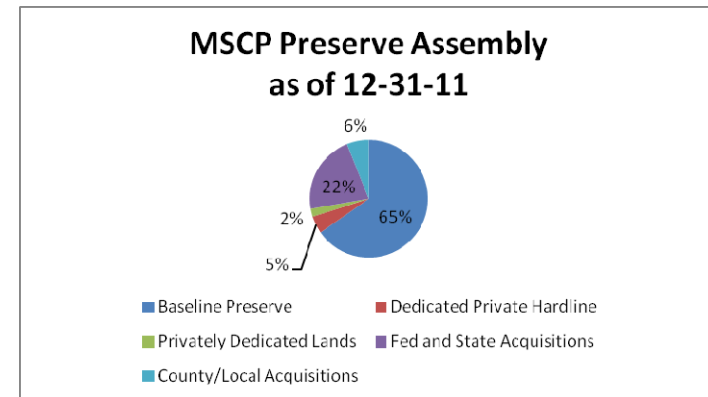


Table 2 Summary of Habitat Losses and Gains
2011 MSCP Annual Report

Summary of Habitat Losses and Gains

Plan: MSCP South San Diego County

Project Gain Status: Gain

Date Range: 1/1/2011 - 12/31/2011

Project Loss Status: Loss

<i>County of San Diego</i>		Acres Inside the Habitat Preserve Planning Area						Acres Outside the Habitat Preserve				Total Acres			
		Habitat Loss		Habitat Gain		Cons. to Date %		Habitat Loss		Habitat Gain		Habitat Loss		Habitat Gain	
		Current Period	Cummulative	Current Period	Cummulative			Current Period	Cummulative	Current Period	Cummulative	Current Period	Cummulative	Current Period	Cummulative
Habitat Type	Target Cons.														
Beach	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saltpan	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Foredunes	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Coastal Bluff Scrub	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coastal Sage Scrub	42,873	0.7	531.4	186.1	25,768.8	60.1 %		9.0	1,232.1	3.4	6,631.8	9.6	1,763.5	189.5	32,400.6
Maritime Succulent Scrub	6	0.0	0.0	0.0	3.4	55.9 %		0.0	0.0	0.0	8.2	0.0	0.0	0.0	11.6
Chaparral	39,871	0.0	249.0	341.2	31,455.8	78.9 %		50.9	2,334.7	118.7	6,900.7	50.9	2,583.8	459.9	38,356.5
Southern Maritime Chaparral	5	0.0	1.9	0.0	5.6	112.5 %		0.0	9.8	0.0	22.7	0.0	11.7	0.0	28.3
Coastal Sage-Chaparral Scrub	1,325	0.0	12.4	7.2	895.6	67.6 %		0.0	129.8	0.0	659.7	0.0	142.1	7.2	1,555.4
Grassland	3,171	0.0	45.9	0.0	1,795.0	56.6 %		0.2	940.7	1.8	763.3	0.2	986.6	1.8	2,558.3
Southern Coastal Salt Marsh	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Freshwater Marsh	233	0.0	0.3	0.0	122.6	52.6 %		0.0	4.5	0.0	59.6	0.0	4.7	0.0	182.2
Riparian Forest	348	0.0	0.4	0.0	277.7	79.8 %		0.0	2.0	0.0	65.0	0.0	2.4	0.0	342.7
Oak Riparian Forest	2,192	0.0	27.9	12.8	838.4	38.2 %		0.0	44.6	9.3	405.4	0.0	72.5	22.1	1,243.8
Riparian Woodland	20	0.0	0.0	0.0	10.9	54.4 %		0.0	0.0	0.0	6.5	0.0	0.0	0.0	17.3
Riparian Scrub	383	0.0	3.6	0.0	100.1	26.1 %		0.0	14.2	0.0	63.7	0.0	17.8	0.0	163.8
Oak Woodland	2,211	0.0	32.0	2.7	981.8	44.4 %		4.6	78.7	15.1	294.3	4.6	110.7	17.8	1,276.0
Torrey Pine Forest	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tecate Cypress Forest	5,589	0.0	0.0	0.0	5,601.4	100.2 %		0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,601.4
Eucalyptus Woodland	105	0.0	9.2	0.0	42.1	40.1 %		0.0	407.6	0.0	31.5	0.0	416.8	0.0	73.6
Open Water	149	0.0	0.0	0.0	20.8	14.0 %		0.0	6.2	0.0	18.4	0.0	6.2	0.0	39.3
Disturbed Wetland	90	0.0	2.0	0.0	77.5	86.1 %		0.0	16.2	0.0	24.0	0.0	18.2	0.0	101.6
Natural Floodchannel	225	0.0	0.0	0.0	28.5	12.7 %		0.0	0.0	0.0	4.8	0.0	0.0	0.0	33.3
Shallow Bays	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pacific Ocean/Deep Bay	0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Disturbed Land	0	0.2	100.0	0.0	420.7			2.8	668.0	1.8	309.7	3.0	768.1	1.8	730.4
Agriculture	0	0.0	86.6	0.0	486.7			6.8	1,170.1	0.4	2,073.7	6.8	1,256.8	0.4	2,560.4
Urban/Developed	0	0.0	40.3	0.7	59.4			9.3	1,863.7	1.2	455.1	9.3	1,904.0	1.9	514.5
Agency Total:		0.9	1,142.9	550.7	68,992.9			83.6	8,923.0	151.8	18,798.1	84.4	10,065.9	702.5	87,791.0

Table 3 MSCP Stewardship and Adaptive Management Summary
2011 MSCP Annual Report

2011 STEWARDSHIP AND ADAPTIVE MANAGEMENT ACTIVITIES AT COUNTY PRESERVES WITHIN SUBAREA															
Preserve	Status	Research	Invasive Species Control and Removal	Signage Install-Repair	Patrol	Trash Removal	Illegal Access Control	Trail Monitor.	Trail Main. & Rehab	Fuel Mgt	Fencing Install-Repair	Wildlife Drinking Stations	Environ. Edu.	Habitat Restor.	Hazardous Tree Removal
Metro Lakeside Jamul North Segment															
Barnett Ranch	Open	X	X	X	X	X	X	X	X	X	X			X	X
Boulder Oaks	Closed	X			X	X	X		X	X					X
El Capitan	Open			X	X	X	X	X	X	X	X				
Oak Oasis	Open			X	X	X	X	X	X		X				X
Sycamore Canyon-Goodan Ranch	Open	X (SDG&E)	X	X	X	X	X	X	X			X	X	X	X
Metro Lakeside Jamul South Segment															
Lakeside Linkage	Open			X	X	X	X	X	X	X	X		X	X	X
Lake Hodges Segment															
Lusardi Creek	Open		X	X	X	X	X	X	X		X		X		X
Del Dios Highlands	Open		X	X	X	X	X	X	X	X			X		X DPR
South County Segment															
Otay Ranch	Closed		X				X		X					X	
Sweetwater Regional Park	Open			X	X	X	X		X	X	X		X		X
Tijuana River Valley Park	Open			X	X	X		X	X		X		X		X

Table 4 Resource Management Plan Schedule
2011 MSCP Annual Report
Resource Management Plan Schedule

Preserve	Acres	Dates	Cost	Baseline Survey Status	Public Review Period	Estimated Completion Date for RMP	Monitoring
Completed South County MSCP							
Barnett Ranch	708			Complete	Complete	Complete	2009
TJRV	1,650			Complete	Complete	Complete	2009
Lakeside Linkage	135			Complete	Complete	Complete	Begin FY 12-13
Boulder Oaks	1,215			Complete	Complete	Complete	Begin FY 11-12
Del Dios Highlands	465		\$127,744	Complete	Complete	Complete	Begin FY 12-13
Sycamore Canyon/Goodan Ranch	2,228		\$250,000	Complete	Complete	Complete	Begin FY 12-13
El Capitan Suite (portions MNO)	3,641		\$250,000	Complete	Complete	Complete	Begin FY 12-13
Lusardi Creek	193		\$121,890	Complete	Complete	Complete	Begin FY 12-13
Del Dios Acquisitions	210		\$101,334	Complete	Complete	Complete	Begin FY 14-15
Barbara and Lawrence Daley Preserve	604		\$100,000	Complete	Complete	Complete	Begin FY 14-15
Total Completed South County MSCP	11,049						
In Progress South County MSCP							
Furby NE -EOM	83	March 2011	\$108,614	Complete	May-2012	6/30/2012	Begin FY 15-16
Stoneridge	244	Initiate Beginning CY12					
Total in Progress South County MSCP	327						

Table 5 Private Land Management
2011 MSCP Annual Report
Private Land Management

	Project Name	APNs	Final RMP Date	Habitat Manager	Annual Report Due	Habitat Conservation Area Description	Project graded / built?	Monitoring / Maintenance Status
1	4S Ranch – HMP 99-002	Lusardi Creek Portion (south) 312-284-01, 312-285-01, 312-150-04 Artesian Creek Portion (mid) 678-670-21, 678-671-03 North 678-050-49, 678-030-08, 678-050-51	Sep-99	New land Communities / 4S Kelwood General Partnership	July	A total of approximately 547 acres of open space is located on this property. 312 acres are located in the northern portion of the project, adjacent to the Ralph's Family Reserve, and 230 acres is located in the southerly portion of the site within La Jolla Valley, surrounding the Lusardi Creek riparian corridor.		2010 Annual report submitted,
2	4S Ranch, Ralphs Family Preserve – HMP 99-001	678-030-07, 678-031-01	Sep-99	Joaquin Meza	July			2011 Annual reports submitted
3	Artesian Trail –HMP 06-005	267-142-33, 34, 35, 36	4/17/2007 RMP to be implemented beginning 6/1/07.	San Dieguito River Park Conservancy, P.O. Box 89, Del Mar, CA 92019	September	The project dedicated approximately 3.2 acres of land into open space in response to a four lot subdivision. The site is located in the Community of Rancho Santa Fe, four miles west of Interstate 15, south of Artesian Road. The property preserves approximately 2.6 acres of non-native grassland and 0.6-acre of coastal sage scrub. Observed on the property were approximately 688 federally threatened thread-leaf brodiaea (<i>Brodiaea filifolia</i>), and approximately 155 California adolphia (<i>Adolphia californica</i>).	Based on aerial photograph review, pads were graded between 2006 and 2008.	Annual reports have not been submitted.
4	Bernardo Lakes – HMP 98-001	678-432-01, 678-430-25, 678-070-31, 678-070-35, 678-420-26, 678-422	Feb-98	No known HM		A total of 111.8 acres of open space is dedicated with 71.8 acres of the 111.8 previously conveyed. The open space is located west of the current western terminus of Rancho Bernardo Road, immediately north of Artesian Road and west of Four Gee Road. The property consists mostly of coastal sage scrub with some freshwater marsh, southern		The HOA is responsible for acquiring a habitat manager. Annual reports have not been submitted.

5	Blossom Valley – HMP 01-001	390-061-03, 390-061-04	1/2007 (updated Plan to be received 2012)	Center For Natural Lands Management	December	The 286-acre habitat conservation area was dedicated in fee to the Center for Natural Lands Management in July 2009 as off-site mitigation for the Blossom Valley Estates development. The site is located in Blossom Valley, about 2 miles east of Lake Jennings. The site supports Diegan coastal sage scrub, southern mixed chaparral, and coast live oak woodland that all burned completely during the Cedar Fire in 2003. The site's terrain is very steep and rugged.		2011 annual report submitted
6	El Apajo – HMP 03-002	268-360-15	Jun-03		Due for each calendar year	This 25.6-acre open space area was conserved for annual grassland and wetlands. It is located within the San Dieguito River Valley along Via de Santa Fe Road northwest of its junction with El Apajo Road.		Project does not have a maintenance agreement. Annual reports have not been submitted.
7	Greenhills Ranch – HMP 05-004	395-452-01	Sep-06			The 44.04 acre open space is located south of Lake Jennings Road and west of Interstate 8. Observed on the property were California gnatcatcher, San Diego cactus wren, southern California rufous-crowned sparrow, silver legless lizard, Coronado skink, western spadefoot, black-tailed jackrabbit, mule deer, turkey vulture, Bewick's wren, San Diego sunflower, prostrate spineflower, and ashy spike-moss.		Not funded. County Counsel sent "Violation of TM 5140 Conditions" letter on 4/20/10. Follow up letter sent to RBC bank who are the new owners. Violations put on parcels will not be issued grading permit until resolved.
8	Maranatha Chapel – HMP 02-003	267-060-37	10/30/2002		Due in conjunction with sensitive plant surveys.	The project is located at the western terminus of Rancho Bernardo Road, between Artesian Road and Del Dios Highway. Approximately 117 acres of open space is located on a rectangular parcel. Nearly half of the property is Diegan coastal sage scrub habitat (65.98 acres), with the remaining habitat as non-native grassland (27.32 acres), chaparral (8.81 acres), oak woodland (1.5 acres), freshwater marsh (0.99-acre), eucalyptus woodland, disturbed (roads), and developed land.		Annual reports have not been submitted.
9	Onyx Ridge – HMP 03-001	264-680-11	Nov-05	Escondido Creek Conservancy	Annual reports will begin once the 9 lots are graded; due in February for previous calendar year.	The project is located within the Rancho Cielo Specific Plan, located approximately two miles north of Del Dios Highway and one-half mile south of Harmony Grove Road. A total of 71.5 acres of open space is located on the Onyx Ridge Property. Habitats include black sage dominated sage scrub, oak woodland, and riparian.	All lots not yet graded.	Annual reports have not been submitted.

10	Salvati-Golem – HMP 99-003	678-020-02, 03, 678-021-02, 03, 265-320-03	Jan-00	San Dieguito River Valley Joint Powers Authority	Apr-10	154 acres of open space was set aside to preserve California adolphia, southw estern spiny rush, San Diego marsh elder, Del Mar manzanita, w art-stemmed ceanothus, California gnatcatcher, southern California rufous-crow ned sparrow , coastal w estern whiptail, and mountain lion.	Yes	2010 annual reports submitted.
14	HMP 99-004	265-320-18, 21, 22, 24, 18, 265-291-21, 25, 27, 265-290-41, 43, 267-050-42, 44, 46	6/28/2004	Rincon Consultants	May	The open space is equivalent to approximately 170 acres, located in the north-central San Diego County, along the San Dieguito River corridor south of Del Dios Highway at Bing Crosby Boulevard. 14 sensitive plant species and 12 sensitive wildlife species were observed onsite: California adolphia, San Diego mesa mint, San Diego button celery, spreading navarretia, Orcutt's brodiaea, San Diego ambrosia, Del Mar manzanita, Nuttall's scrub oak, San Diego barrel cactus, San Diego marsh elder, San Diego sagewort, southw estern spiny rush, summer holly, w art-stemmed ceanothus, San Diego fairy shrimp, orange-throated whiptail, Bell's sage sparrow , California horned lark, California gnatcatcher, Cooper's hawk, great blue heron, loggerhead shrike, northern harrier, southern California rufous-crow ned sparrow , white-tailed kite, and San Diego black-tailed jackrabbit.		2010 annual reports submitted.
15	Woodridge – HMP 99-005	395-151-70, 395-151-69, 395-432-30, 395-432-31	6/ 2005 (to be updated in 2010)	Center For Natural Lands Management	December	Located south of Pino Drive and west of Lakeview Drive in Lakeside, about 1/2 mile west of Lake Jennings. The site has approximately 55 acres of Diegan coastal sage scrub and native grasslands, and a small patch of eucalyptus woodland, and supports the federally-listed threatened coastal California gnatcatcher. The Center for Natural Lands Management received title to the property in the December of 1999 at which time the Woodridge habitat conservation areas management commenced. The County of San Diego holds an Open Space Easement on the conservation area.		2011 Annual report submitted

Table 6 County Acquisition Contribution

2011 MSCP Annual Report
County Acquisition Contribution

Area and Property Name	Total Acres	PAMA Acres	Year	Land Cost	Grant \$	General \$
Tijuana River Valley, Arietta	40	0	1998	\$478,000	\$478,000	\$0
Tijuana River Valley, Calmat Option I (orig purchase 220.27ac, decreased by CBP condemnation)	162	0	1998	\$1,225,272	\$1,225,272	\$0
Tijuana River Valley, West/Dymott	41	0	1998	\$410,000	\$410,000	\$0
1998	243	0		\$2,113,272	\$2,113,272	\$0
Tijuana River Valley, Calmat Option Final	28	0	1999	\$208,837	\$208,837	\$0
Lakeside, Arabo	9	6	1999	\$160,000	\$80,000	\$80,000
Lakeside, Ham	47	44	1999	\$800,000	\$400,000	\$400,000
Lakeside, HJMD	33	32	1999	\$490,000	\$245,000	\$245,000
Lakeside, Yunis	13	13	1999	\$270,000	\$135,000	\$135,000
Lusardi Creek, Rancho Vista	97	80	1999	\$1,845,500	\$922,750	\$922,750
1999	227	175		\$3,774,337	\$1,991,587	\$1,782,750
Lusardi Creek, Santa Fe Views	95	73	2000	\$1,976,000	\$988,000	\$988,000
Hollenbeck Canyon, Daley Ranch, Ph I	313	0	2000	\$2,000,000	\$1,000,000	\$1,000,000
Hollenbeck Canyon, Daley Ranch, Ph II	286	0	2000	\$2,000,000	\$1,000,000	\$1,000,000
Lakeside, United Brokers	9	7	2000	\$153,000	\$76,500	\$76,500
Tijuana River Valley, Piper/Shelton	140	0	2000	\$1,752,750	\$1,252,750	\$500,000
Wright's Field, Alpine School Dist.	40	40	2000	\$425,000	\$250,000	\$175,000
Wright's Field, Union Bank	39	39	2000	\$356,633	\$208,437	\$148,196
2000	922	159		\$8,663,383	\$4,775,687	\$3,887,696
Lakeside, Pavel	12	12	2001	\$200,000	\$100,000	\$100,000
Otay River Valley Park, Malcolm	1	0	2001	\$46,000	\$46,000	\$0
Otay River Valley Park, O'Brien	8	0	2001	\$205,500	\$102,724	\$102,776
2001	21	12		\$451,500	\$248,724	\$202,776
Lakeside, Shuler	58	58	2002	\$425,000	\$425,000	\$0
Tijuana River Valley, Hanson	76	0	2002	\$1,387,500	\$0	\$1,387,500
Tijuana River Valley, Skibbe	11	0	2002	\$485,000	\$485,000	\$0
Wright's Field, Findel Ranch	30	30	2002	\$500,000	\$0	\$500,000
Iron Mountain, Ramona Serena/ Barnett Ranch	717	200	2002	\$4,440,000	\$2,000,000	\$2,440,000

Area and Property Name	Total Acres	PAMA Acres	Year	Land Cost	Grant \$	General \$
Del Dios Highlands (Derbas)	0	0	2002	\$0	\$0	\$0
2002	892	288		\$7,237,500	\$2,910,000	\$4,327,500
Iron Mountain, Berkeley Hering	61	61	2003	\$457,200	\$395,000	\$62,200
Iron Mountain, Boulder Oaks	1,215	1,100	2003	\$4,410,000	\$3,307,500	\$1,102,500
Iron Mountain, Reams Thomsen	40	40	2003	\$180,000	\$180,000	\$0
Sycamore Canyon Preserve (I-122)	48	48	2003			
East Otay Mesa, Furby North	83	0	2003	\$1,296,600	\$0	\$1,296,600
Otay River Valley Park, Munson Otay	20	0	2003	\$13,300	\$13,300	\$0
Otay River Valley Park, Takashima	10	0	2003	\$253,250	\$253,250	\$0
Tijuana River Valley, Horwin	20	0	2003	\$365,000	\$365,000	\$0
Tijuana River Valley, Nelson Sloan (orig purchase 139.13 ac, decreased by CBP condemnation;)	72	0	2003	\$699,782	\$699,782	\$0
Tijuana River Valley, Scripps/Furby	64	0	2003	\$1,203,400	\$0	\$1,203,400
Wright's Field, Apollo*	120	120	2003	\$1,800,000	\$1,000,000	\$800,000
2003	1,759	1,369		\$10,773,532	\$6,213,832	\$4,559,700
Escondido Creek, Polo	110	106	2004	\$1,700,000	\$0	\$1,700,000
Sycamore Canyon Preserve (I-122)	89	54	2004	\$0	\$0	\$0
Otay River Valley Park, Georgiana Smith	90	90	2004	\$2,611,000	\$2,611,000	\$0
Otay River Valley Park, Greg Smith	101	101	2004	\$3,243,000	\$3,243,000	\$0
2004	390	351		\$7,554,000	\$5,854,000	\$1,700,000
Harbison, Bahde Donation	20	19	2005	\$0	\$0	\$0
McGinty Mountain Transfer	20	20	2005	\$0	\$0	\$0
Otay River Valley Park, Grindle	8	8	2005	\$91,200	\$91,200	\$0
Otay River Valley Park, Kimball	16	16	2005	\$196,000	\$196,000	\$0
Otay River Valley Park, Lanzetta	5	0	2005	\$125,000	\$125,000	\$0
Tijuana River Valley, Dairy Mart Ponds	60	0	2005	\$0	\$0	\$0
2005	129	55		\$412,200	\$412,200	\$0
Otay River Valley Park, Sandoval (1 & 2)	13	0	2006	\$700,000	\$700,000	\$0
Otay River Valley Park, Otay Land Company	113	113	2006	\$1,490,000	\$1,490,000	\$0
Pitchford (MLJ at Stelzer)	3	3	2006	\$75,000	\$0	\$75,000
2006	129	116		\$2,265,000	\$2,190,000	\$75,000
Greenfield Transfer	17	8	2007	\$0	\$0	\$0
2007	17	8		\$0	\$0	\$0
Del Dios Highlands (Greer)	10	10	2008	\$675,000	\$0	\$675,000
Sycamore Canyon-Goodan Ranch (Armstrong)	20	20	2008	\$160,000	\$0	\$160,000
Ramona Grasslands (Gildred - Portion in SC MSCP)	462	170	2008	\$3,786,713	\$3,370,175	\$416,538

2008	492	200		\$4,621,713	\$3,370,175	\$1,251,538
Christopherhill TET dedication	62	0	2009	\$0	\$0	\$0
2009	62	0		\$0	\$0	\$0
Sycamore Canyon southern additions	150	150	2010	\$1,310,000	\$0	\$1,310,000
Lakeside - Endangered Habitats Conservancy OSE*	33	0	2010	\$1,000,000	\$0	\$1,000,000
2010	343	241		\$5,310,000	\$2,600,000	\$2,710,000
Worley	227	220	2011	\$2,650,000	\$0	\$2,650,000
Sycamore Canyon/Goodan Ranch	112	111	2011	\$2,820,000	\$200,000	\$2,620,000
2011	338	331	2011	\$5,470,000	\$200,000	\$5,270,000
TOTAL SOUTH COUNTY ACQUISITIONS TOWARD COMMITTMENT	5,964	3,313		\$58,646,437	\$32,879,477	\$25,766,960

Table 7 Rough Step Status
2011 MSCP Annual Report

<i>County of San Diego</i>	Total Subarea Habitat Preserve	Conservation Target	Estimated Take	Conservation Ratio	Inside Habitat Preserve	Max. Allowable Impacts for the Current Period	Habitat Preserve for Current Period	+ or - Max. Allowable Impacts
Beach	0	0	0	0.00	0.00	0.00	0.00	n/a
Saltpan	0	0	0	0.00	0.00	0.00	0.00	n/a
Southern Foredunes	0	0	0	0.00	0.00	0.00	0.00	n/a
Southern Coastal Bluff Scrub	0	0	0	0.00	0.00	0.00	0.00	n/a
Coastal Sage Scrub	23,569	18,717	4,852	3.86	10,141.89	2,851.37	9.64	-
Maritime Succulent Scrub	0	0	0	0.00	0.00	0.00	0.00	n/a
Chaparral	22,179	18,662	3,517	5.31	12,774.90	2,518.48	50.94	-
Southern Maritime Chaparral	0	0	0	0.00	0.00	0.00	0.00	n/a
Coastal Sage-Chaparral Scrub	1,366	1,152	214	5.38	711.01	140.27	0.00	-
Grassland	2,145	1,741	404	4.31	1,034.62	256.48	0.21	-
Southern Coastal Salt Marsh	0	0	0	0.00	0.00	0.00	0.00	n/a
Freshwater Marsh	15	15	0	0.00	6.75	0.00	0.00	n/a
Riparian Forest	84	84	0	0.00	63.84	0.00	0.00	n/a
Oak Riparian Forest	2,044	2,043	1	2,043.00	766.45	0.44	0.00	-
Riparian Woodland	6	6	0	0.00	4.24	0.00	0.00	n/a
Riparian Scrub	298	298	0	0.00	37.21	0.00	0.00	n/a
Oak Woodland	2,355	1,912	443	4.32	922.84	236.73	4.59	-
Torrey Pine Forest	0	0	0	0.00	0.00	0.00	0.00	n/a
Tecate Cypress Forest	0	0	0	0.00	0.00	0.00	0.00	n/a
Eucalyptus Woodland	53	41	12	3.42	13.12	4.66	0.00	-
Open Water	124	124	0	0.00	2.65	0.00	0.00	n/a
Disturbed Wetland	52	52	0	0.00	46.80	0.00	0.00	n/a
Natural Floodchannel	197	197	0	0.00	11.43	0.00	0.00	n/a
Shallow Bays	0	0	0	0.00	0.00	0.00	0.00	n/a
Pacific Ocean/Deep Bay	0	0	0	0.00	0.00	0.00	0.00	n/a
Disturbed Land	1,259	0	1,259	0.00	231.97	0.00	3.00	+
Agriculture	1,608	0	1,608	0.00	431.07	0.00	6.77	+
Urban/Developed	0	0	0	0.00	21.23	0.00	9.31	+
Total Acres for Agency: County of San Diego					27,222.03		84.45	

Note: The Agriculture and Urban/Developed category is included to account for all land included within a project and habitat preserve planning area.

This report only pertains to the Metro-Lakeside-Jamul segment of the County's subarea plan. It includes gains that occur within the Preapproved Mitigation Area (PAMA) while counting all losses within the entire segment.

Table 8 Summary of MSCP Gains
2011 MSCP Annual Report

Project Tracking #	Project Name	Location	Applicant	APN	Date Cons.	Status	Mgmt Resp.	Conservation Type	Mit. Bank Credits Used	Acres Outside Habitat Preserve	Acres Inside Habitat Preserve	Total Acres
Segment: Lake Hodges												
11-004	PM20909		Levie Trust, Andre J. and Bernice		11/9/2011	Gain	Private	Acquisition	0.00	0.00	0.44	0.44
Total for Segment: Lake Hodges									0.00	0.00	0.44	0.44
Segment: North Metro Lakeside Jamul												
11-037	County Acquisition - Sycamore Canyon (Hagey)		County of San Diego		11/2/2011	Gain	Local	Acquisition	0.00	0.51	111.31	111.82
11-029	Petersen		Petersen, David M. and Patti J.		11/29/2011	Gain	Private	Acquisition	0.00	4.05	0.00	4.05
11-005	PM20857		Borysewicz, Edward		1/28/2011	Gain	Private	Easement	0.00	28.71	0.00	28.71
11-004	PM20909		Levie Trust, Andre J. and Bernice		11/9/2011	Gain	Private	Acquisition	0.00	0.55	0.23	0.78
Total for Segment: North Metro Lakeside Jamul									0.00	33.81	111.54	145.35
Segment: South County												
11-035	USFWS Acquisition - Evans		USFWS		8/8/2011	Gain	Federal	Acquisition	0.00	0.00	2.26	2.26
11-034	USFWS Acquisition - Sevel		USFWS		7/27/2011	Gain	Federal	Acquisition	0.00	0.00	0.77	0.77
11-031	USFWS Acquisition - Kennerly		USFWS		5/12/2011	Gain	Federal	Acquisition	0.00	0.00	9.20	9.20
11-033	USFWS Acquisition - Nauman		USFWS		7/7/2011	Gain	Federal	Acquisition	0.00	0.00	1.87	1.87
11-032	USFWS Acquisition - Salemo		USFWS		5/24/2011	Gain	Federal	Acquisition	0.00	0.00	9.91	9.91
Total for Segment: South County									0.00	0.00	24.02	24.02
Segment: South Metro Lakeside Jamul												
11-036	County Acquisition - Crest (Worley)		County of San Diego		10/4/2011	Gain	Local	Acquisition	0.00	6.52	220.00	226.52
11-038	Endangered Habitat League Acquisition		Endangered Habitat League		7/1/2011	Gain	Non-Profit	Acquisition	0.00	56.60	194.67	251.27
11-006	PM20871		Robnett, Albert L. and Park, Kay Diane		4/7/2011	Gain	Private	Acquisition	0.00	54.87	0.00	54.87
Total for Segment: South Metro Lakeside Jamul									0.00	117.99	414.68	532.67
Total for Agency: County of San Diego									0.00	151.81	550.68	702.49

Table 9 Summary of MSCP Losses
2011 MSCP Annual Report

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc.	Activity Type	Acres Outside Habitat Preserve	Acres Inside Habitat Preserve	Total Acres
Segment: North Metro Lakeside Jamul											
11-018	BP Aardema		Aardema, Peter and Ladene		6/2/2011	Loss	0	Agriculture	0.27	0.11	0.38
11-007	BP Auble		Auble, Hazel		2/16/2011	Loss	0	Single-Family Residential	0.41	0.00	0.41
11-022	BP Baby Family Trust 05-13-1998		Baby Family Trust 05-13-1998		11/8/2011	Loss	0	Single-Family Residential	0.73	0.00	0.73
11-021	BP Coral Reef Properties LLC		Coral Reef Properties LLC		4/29/2011	Loss	0	Other	0.87	0.00	0.87
11-016	BP Cruz		Cruz, David A. and Jan L.		9/8/2011	Loss	0	Other	0.52	0.00	0.52
11-013	BP Gosnell		Gosnell, Scott and Lisa		5/24/2011	Loss	0	Single-Family Residential	1.54	0.00	1.54
11-002	BP Green		Green, William H. and Barbara E.		7/15/2011	Loss	0	Single-Family Residential	1.19	0.00	1.19
11-017	BP Gutierrez		Gutierrez, Jose R. and Lisa M.		1/31/2011	Loss	0	Single-Family Residential	0.66	0.00	0.66
11-015	BP Whitaker		Whitaker, Brian C. and Aleta G.		10/18/2011	Loss	0	Single-Family Residential	0.97	0.00	0.97
11-024	COI Galea Family Trust 03-08-2005		Galea Family Trust 03-08-2005		5/6/2011	Loss	0	Other	7.94	0.00	7.94
11-026	COI Madhani		Madhani, Jay G. and Rajshree J.		4/29/2011	Loss	0	Single-Family Residential	3.31	0.00	3.31
11-025	COI Melville Family Living Trust 10-24-1995		Melville Family Living Trust 10-24-1995		5/3/2011	Loss	0	Single-Family Residential	0.52	0.24	0.76
11-005	PM20857		Borysewicz, Edward		1/28/2011	Loss	0	Single-Family Residential	15.98	0.00	15.98
11-004	PM20909		Levie Trust, Andre J. and Bernice		8/23/2011	Loss	0	Single-Family Residential	0.41	0.00	0.41
11-003	PM20918		Bosstick, Gerald and Lisa		9/14/2011	Loss	0	Single-Family Residential	4.70	0.00	4.70
Total for Segment: North Metro Lakeside Jamul									40.04	0.34	40.39
Segment: South Metro Lakeside Jamul											
11-008	BP Bostian		Bostian, Choyce		3/15/2011	Loss	0	Single-Family Residential	0.25	0.00	0.25
11-023	BP Coleman		Coleman, Monica		11/4/2011	Loss	0	Single-Family Residential	1.59	0.00	1.59

11-028	BP Cornelson		Cornelson, J. Doran and Mary K. Trust		11/15/2011	Loss	0	Single-Family Residential	1.74	0.00	1.74
11-014	BP Impink		Impink, Richard and Diane Living Trust 07-24-01		4/28/2011	Loss	0	Single-Family Residential	1.39	0.00	1.39
11-009	BP Loomis, Stebbins, Masten et. al		Loomis, E.; Stebbins, G.; Masten, D.		4/27/2011	Loss	0	Single-Family Residential	0.61	0.00	0.61
11-010	BP Nelast		Nelast, Ray W. and Carole E. Trust		2/25/2011	Loss	0	Other	0.16	0.00	0.16
11-020	BP Richie		Richie, Clarissa and Jesus L.		3/21/2011	Loss	0	Other	0.34	0.00	0.34
11-011	BP Torres		Torres, Carlos and Sandra		4/25/2011	Loss	0	Other	0.28	0.00	0.28
11-019	BP Walters		Walters Family Trust 12-19-2001		7/12/2011	Loss	0	Single-Family Residential	1.20	0.00	1.20
11-012	BP Wise		Wise, Terri A.		8/2/2011	Loss	0	Single-Family Residential	0.71	0.00	0.71
11-027	COI Summers		Summers, James J. and Sheri L.		11/23/2011	Loss	0	Single-Family Residential	0.93	0.54	1.48
11-006	PM20871		Robnett, Albert L. and Park, Kay Diane		4/7/2011	Loss	0	Single-Family Residential	33.15	0.00	33.15
11-001	PM20919		Tavern Road Trust		9/16/2011	Loss	0	Single-Family Residential	1.16	0.00	1.16
Total for Segment: South Metro Lakeside Jamul									43.51	0.55	44.06
Total for Agency: County of San Diego									83.56	0.89	84.45

Table 10 Mitigation Bank Status
2011 MSCP Annual Report
Mitigation Bank Status

	Coast Live Oak Woodland	Coastal Sage Scrub	Disturbed/ Ruderal	Engelmann Oak Woodland	Marsh/ Riparian scrub/ Floodplain	Mixed Chaparral	Native Grasslands	Non-Native Grasslands	Southern Willow Scrub	Southern Riparian/ Oak Woodland	Totals
Boden Canyon											
Total	0.8	10.2	0	2.5	0	14.9	0.1	1	0	10	39.5
Used	0.8	10.2	0	2.5	0	0	0	0.32	0	10	23.82
Remaining	0	0	0	0	0	14.9	0.1	0.68	0	0	15.68
Old Castle											
Total	0.62	41.2	0	0	0	17.95	0	0	0.25	0	60.02
Used	0.62	40.856	0	0	0	1.33	0	0	0.11	0	42.916
Remaining	0	0.344	0	0	0	16.62	0	0	0.14	0	17.104
Rancho San Diego											
Total	4.8	226.2	80.3	0	2.4	19.6	3.4	0	0	72.5	409.2
Used	2.85	118.5007	5.385	0	0.34	7.33	0.51	0	0	11.64	146.5557
Remaining	1.95	107.6993	74.915	0	2.06	12.27	2.89	0	0	60.86	262.6443
Singing Hills											
Total	0	69.7	0	0	0	0	0	0	0	0	69.7
Used	0	0.69	0	0	0	0	0	0	0	0	0.69
Remaining	0	69.01	0	0	0	0	0	0	0	0	69.01
Sweetwater											
Total	0	0	0	0	26	0	0	0	0	0	26
Used	0	0	0	0	10.865	0	0	0	0	0	10.865
Remaining	0	0	0	0	15.135	0	0	0	0	0	15.135
Total Remaining Acres	1.95	177.0533	74.915	0	17.195	43.79	2.99	0.68	0.14	60.86	379.5733

2011 MSCP ANNUAL REPORT FIGURES

Figure 1 MSCP Habitat Preservation Through 2011
2011 MSCP Annual Report

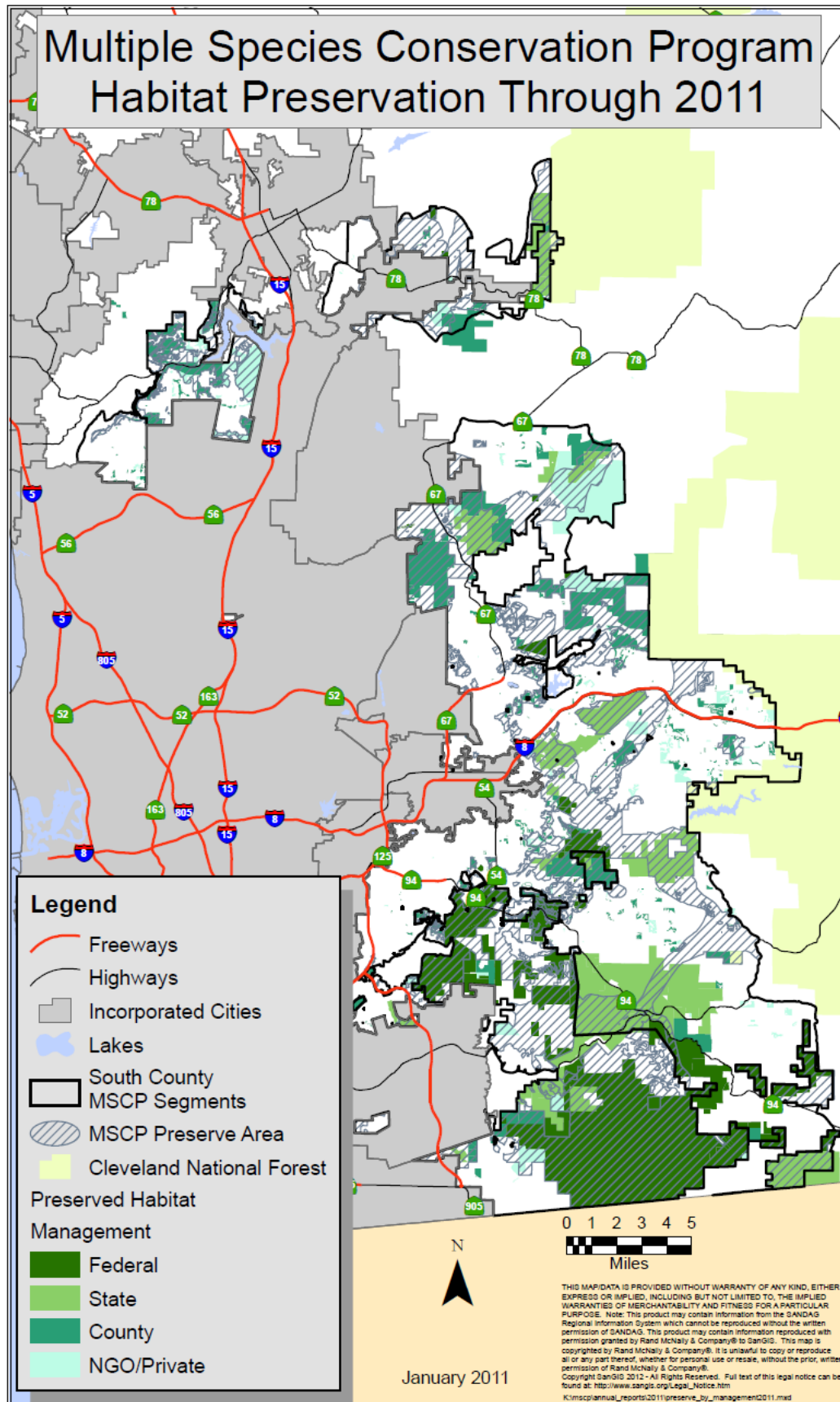


Figure 2 MSCP Habitat Gains and Losses
2011 MSCP Annual Report

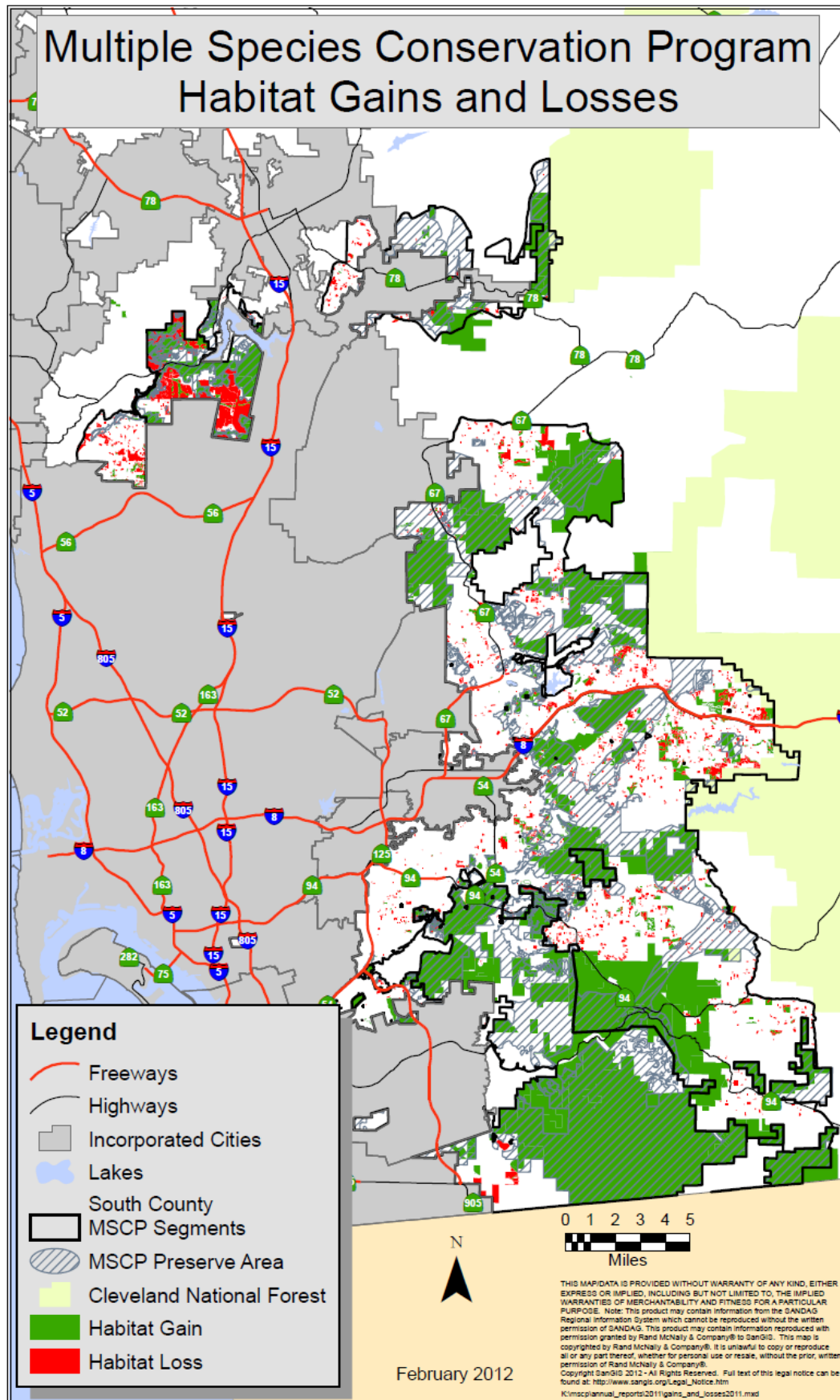


Figure 3 Federal, State and Local Acquisitions
2011 MSCP Annual Report

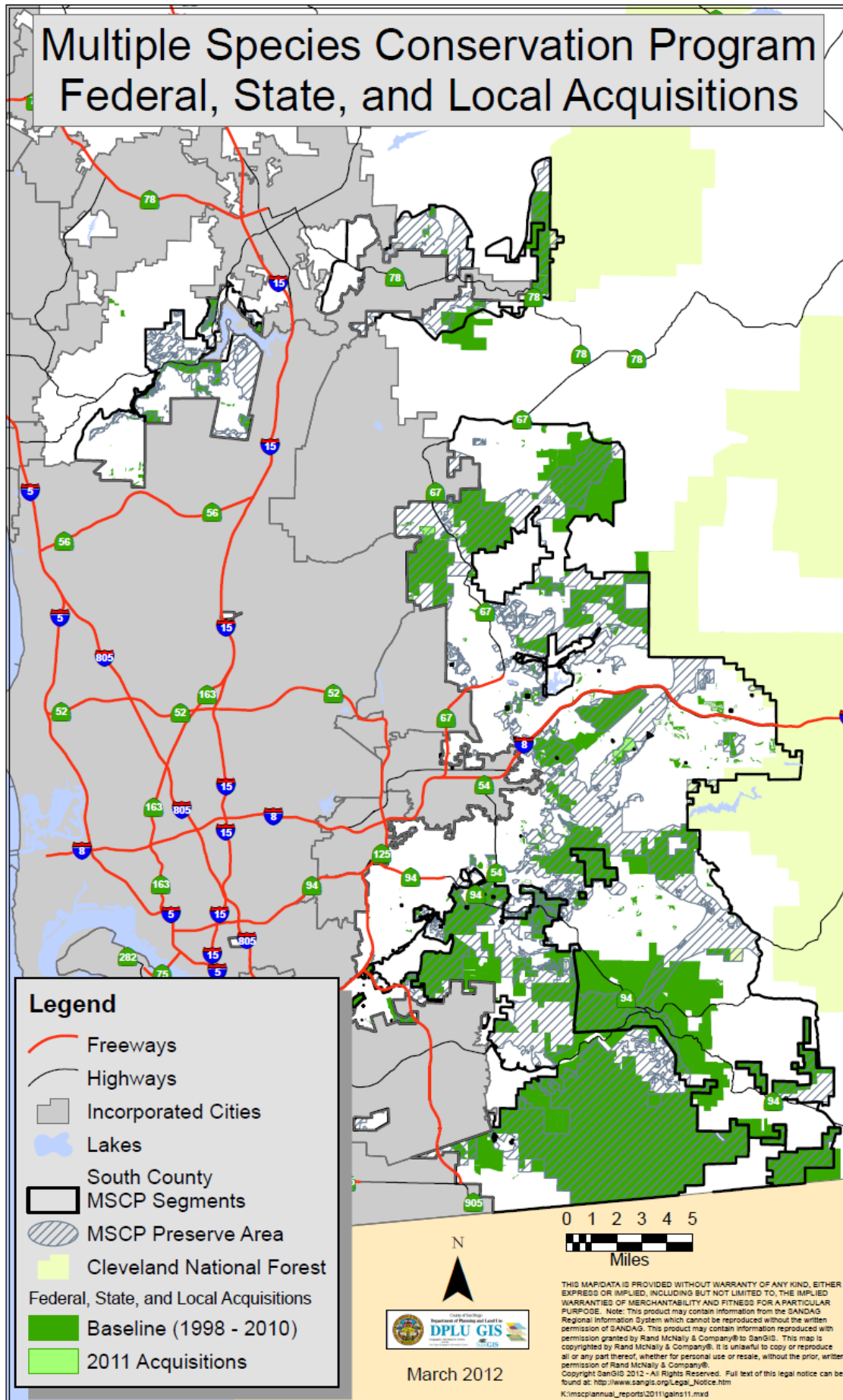


Figure 4 MSCP South County Subarea Plan Map
2011 MSCP Annual Report

