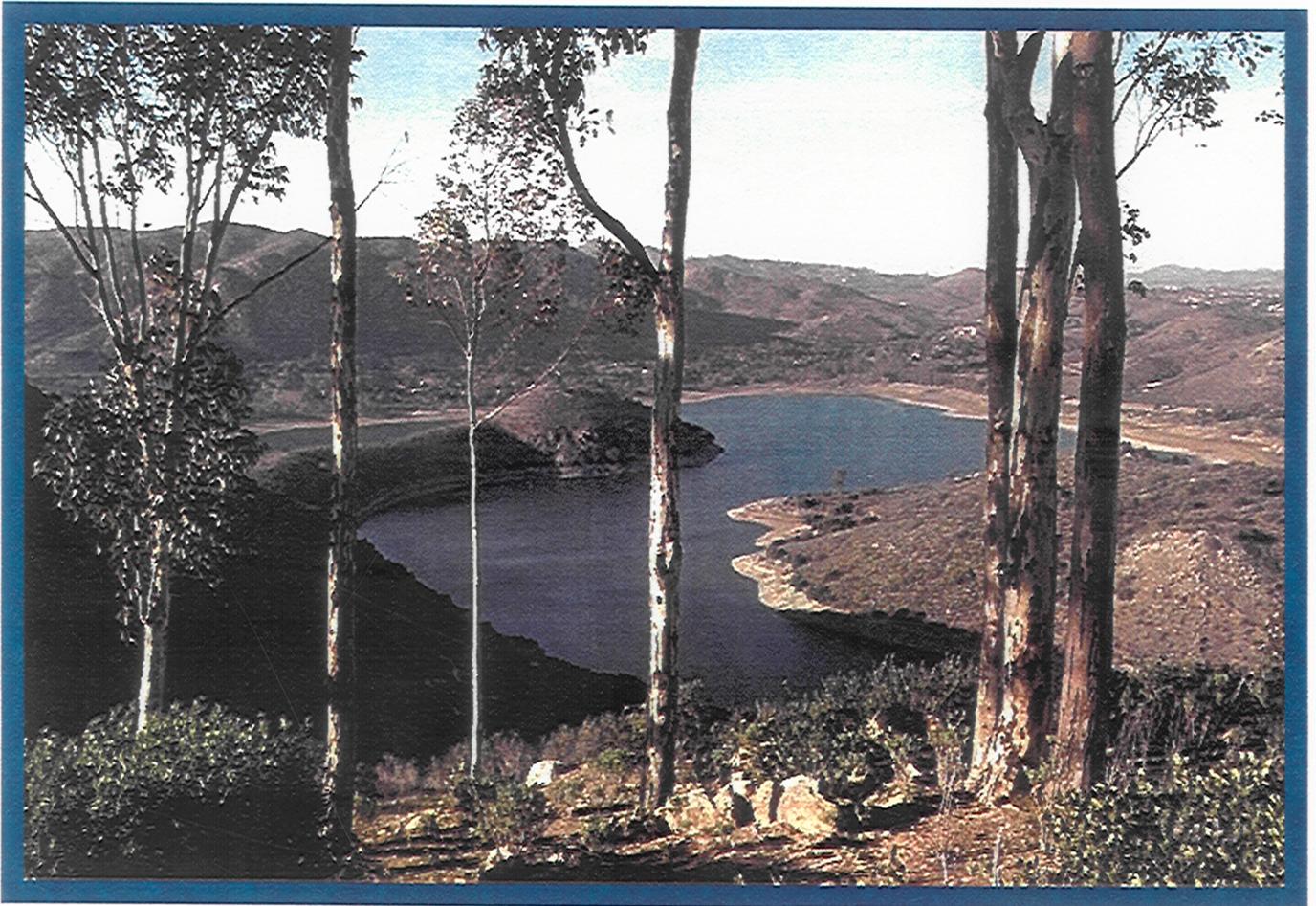


# COUNTY OF SAN DIEGO



## MSCP 2000 ANNUAL REPORT



**Department of Planning and Land Use  
Multiple Species Conservation Program**

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## INTRODUCTION

This is the Third Annual Habitat Tracking Report for the County of San Diego's Multiple Species Conservation Program (MSCP). The report has been prepared in accordance with Section 4.4 of the County's Subarea Plan, and Section 14.0 of the County's associated Implementing Agreement (IA). This report provides an accounting of the habitat lost and preserved from January 1, 2000 through December 31, 2000.

The County Board of Supervisors adopted the County of San Diego's Subarea Plan for the MSCP on October 22, 1997. The County's IA became effective on March 17, 1998. The IA identifies the goals, objectives and responsibilities of the signatories including the California Department of Fish and Game, the United States Fish and Wildlife Service, and the County of San Diego.

## REPORT SUMMARY

The County is required, on a yearly basis, to account for the amount of habitat lost and gained within its jurisdiction. The Subarea Plan covers approximately 252,248.00 acres of land. The overall preservation goal of the County's Subarea Plan is expected to cover approximately 101,268.00 acres of land. Prior to March 17, 1998, there were approximately 37,115.70 acres (Table 1), of preservation land that was included in the Subarea Plan (Figure 1). Table 1 provides information, by vegetation type, of the amount of each type of vegetation community preserved prior to implementation of the Subarea Plan. This includes all land acquired within the Subarea, by Federal, State, or Local jurisdictions as well as land that was negotiated for preservation by private landowners within the Lake Hodges and South County Segments.

There are several different levels of monitoring in terms of acreages conserved within the MSCP. Due to this variety of monitoring, several types of baseline acreage totals are utilized for generating reports in terms of the conservation goals of the MSCP. The first type evaluates the amount of land conserved that reaches toward the total acreage goal of 101,000 acres within the unincorporated portion of the MSCP. This is measured both by how much land has been conserved on the plan and how much has actually been preserved through plan implementation. The second type of monitoring evaluates the acreages of habitat conserved within the Metro-Lakeside-Jamul segment of the plan in order to determine the County's compliance with the Habitat Conservation Accounting Model. The Habitat Conservation Accounting Model is a tool which is to be used so that the County, the Wildlife Agencies and the public can track, on an annual basis, whether conservation targets are being achieved within the County's Metro-Lakeside-Jamul segment of the County's MSCP Subarea Plan. Since the MSCP allows out-of-kind mitigation, some flexibility is necessary and desirable in the accounting model. Therefore, the model allows up to a 10 percent deviation from the conservation/loss ratios identified by the Wildlife Agencies. This deviation is referred to as "rough step". The "rough step" approach is intended to give the County necessary leeway in making planning decisions without jeopardizing the County's ability to ultimately satisfy our conservation commitment. In other words, the County must show through the Habitat

Conservation Accounting Model that conservation is occurring in “rough step” with development that is approved within the Metro-Lakeside-Jamul segment. The third type of monitoring evaluates the acreage of land that has been acquired by the County toward its conservation goal.

Since the preparation of the County of San Diego’s first annual report in 1998, changes have occurred in the reporting process. The most notable was the development of a software tool called HABITRAK to assist the local jurisdictions track their habitat gains and losses. HABITRAK is a habitat monitoring tool developed by EDAW, a private software consultant, in cooperation with California Department of Fish and Game, the United States Fish and Wildlife Service, the San Diego Association of Governments (SANDAG), the City of San Diego, and the County of San Diego. The tool is an extension of an Arcview geographic information system (GIS) that is used to enter digital parcel data for projects located within the MSCP boundaries. It can also be used to update project level vegetation data, modify preserve boundaries, and calculate habitat gains and losses.

The HABITRAK tool was developed to allow ease of data entry and reporting to aid in the implementation and monitoring of the MSCP habitat preserve. The tool generates tabular, digital, and cartographic output to use in planning and reporting that is consistent between all participating agencies.

This report accounts for habitat loss and conservation within the Subarea Plan associated with the following types of development projects between January 1 and December 31, 2000:

1. Private Projects (TM/TPM’s) that have Final Map Approval.
2. Projects that have been issued Grading Permits.
3. Building Permits exempt from the Biological Mitigation Ordinance (BMO).
4. New agricultural clearing exempt from the BMO.
5. Lands acquired by the County or other governmental agency for Preservation Purposes.
6. Approved Mitigation Bank Lands with *at least* one credit utilized and Non-Approved Mitigation Banks.

The report also includes a discussion of monitoring programs and funding sources that are utilized by the County to meet its MSCP implementation obligations.

To begin, the terms *gain* and *loss* will be used to describe habitat preserved (*gain*) and habitat developed or removed (*loss*). Habitat losses may also be referred to as *take* areas. During the 2000 accounting period, 2,968.50 acres of gain and 551.30 acres of loss were identified (Table 2). Starting in 1999, any project that was located in an area of habitat that was defined as *100 percent developed* were not included in the Habitrak analysis.

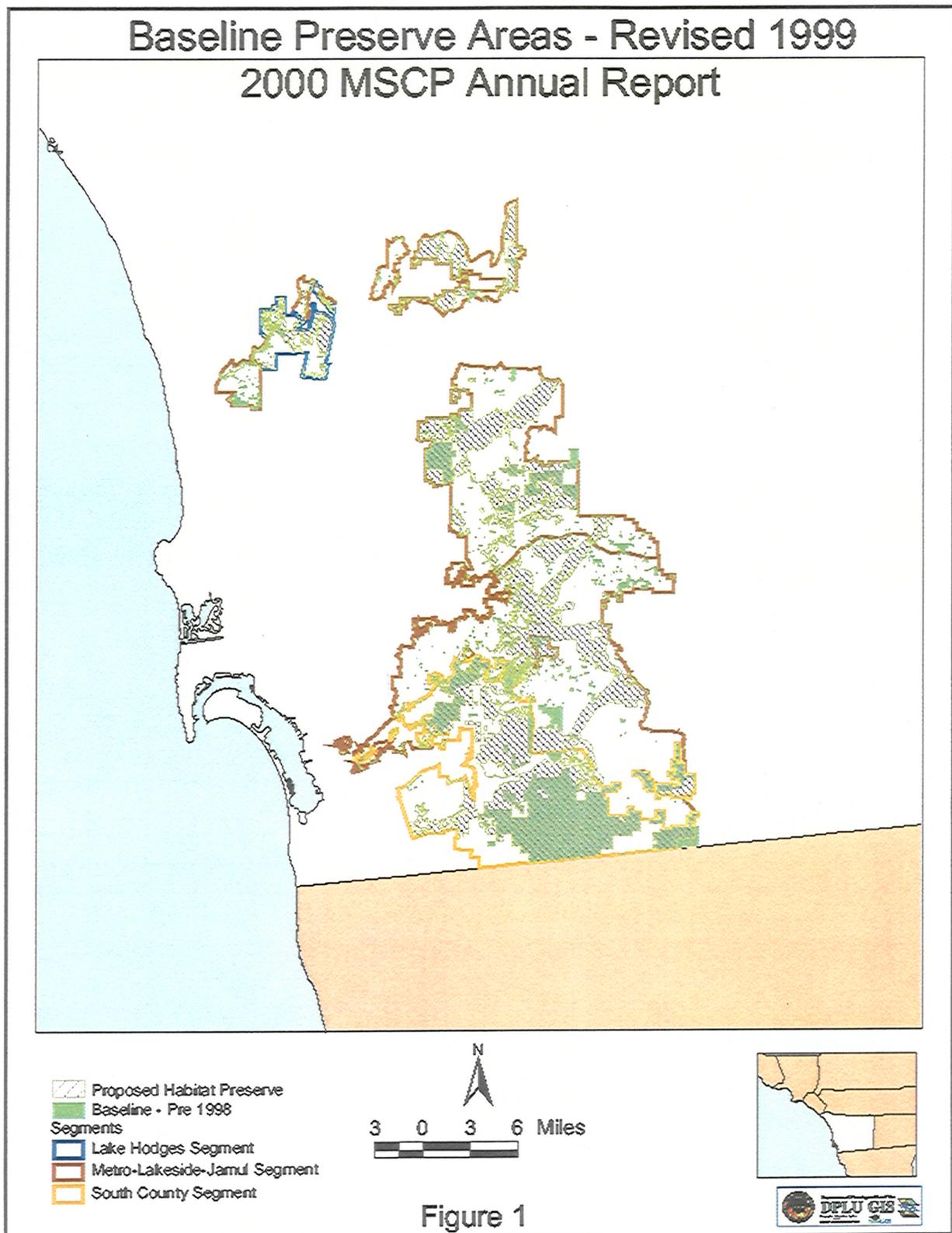
Also not included in the report totals are projects that were located in areas that are considered to be *urban*. The term urban refers to land that has already been developed or disturbed by human activity. However, projects that consist of urban and natural habitats are included in Habittrak. In addition to the amount of habitat conserved within the identified preserve area; the County acquired an additional 1,216.40 acres of habitat via purchases and by securing open space easements in areas outside of the pre-approved mitigation/preserve areas. This additional amount does not presently count towards the County's MSCP conservation goals. The additional acres of preserve outside the planned preserve area can only be included in the County goals through an amendment to the MSCP. Based on the strategic location of some of these preserved acres, it would be beneficial to include them in the identified pre-approved mitigation/preserve area. The County has considered applying for an amendment to include some of these areas.

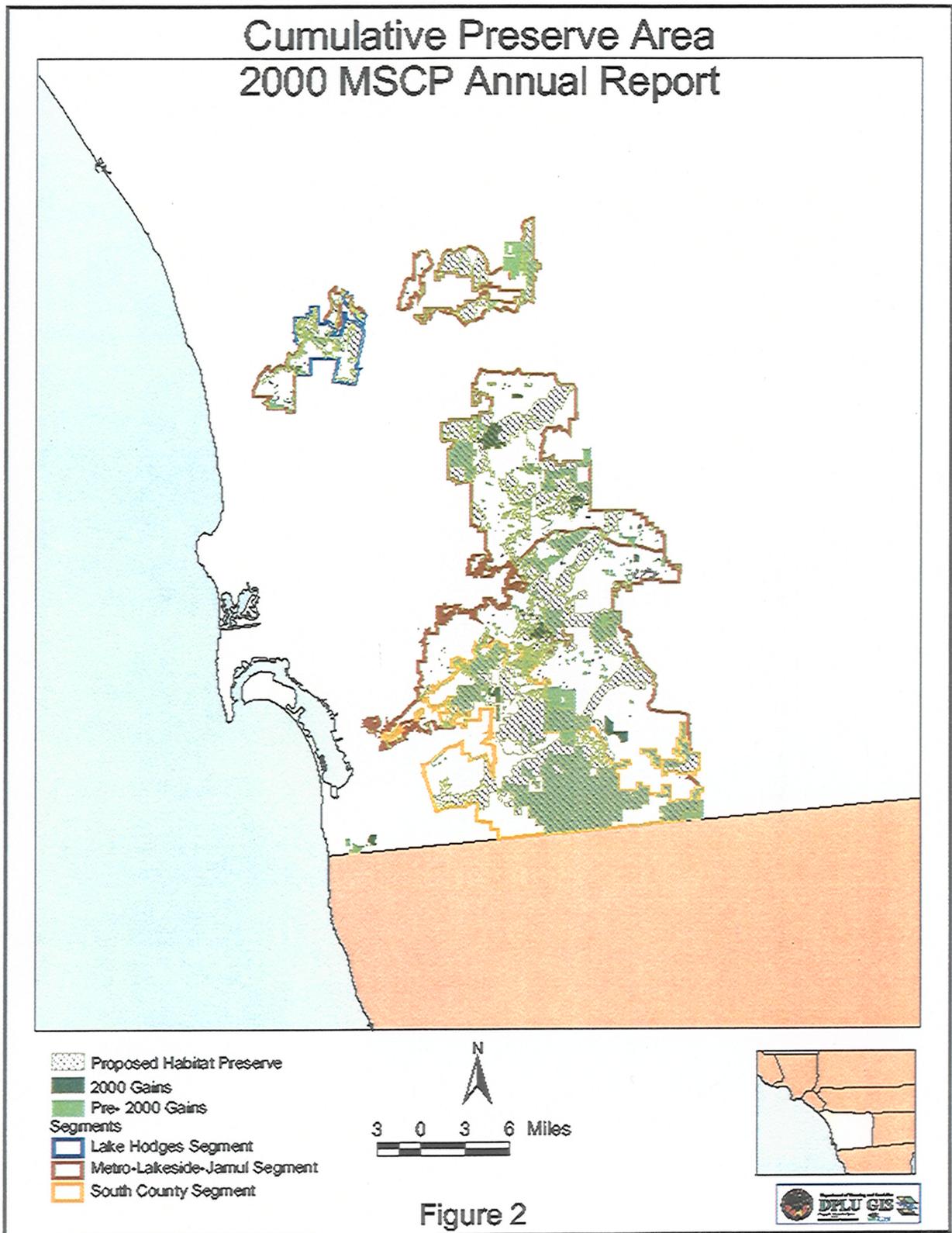
As of 1999, there have been two amendments to the MSCP preserve that have been approved. These areas included the Rancho Cielo project located in the Lake Hodges Segment and Wright's Field of the Metro-Jamul-Lakeside segment in the community of Alpine. The Rancho Cielo amendment involved take authorized and preserve areas while the Wright's Field has been included in the Pre-approved Mitigation Area for the Metro-Lakeside-Jamul segment. Future reports will identify amendments to the MSCP preserve area including transfer of responsibility for portions annexed by the City of Chula Vista as well as inclusion of Daley Ranch and Crestridge acquisitions.

The IA identifies that the goal of the Subarea Plan is to create a 101,268-acre preserve across the entire MSCP Subarea. The Subarea Plan is comprised of three separate segments: Lake Hodges, South County, and Metro-Lakeside-Jamul.

The Lake Hodges and South County segments include hard-line preserve areas. The preserve areas within these two segments were designated through negotiations between several private property owners, the Resource Agencies, and the County prior to adoption of the MSCP. Preserve areas within the Metro-Lakeside-Jamul segment of the County's MSCP are being assembled through project compliance with the County's MSCP and the BMO or through acquisition by local, state, or federal government. Acquisitions will be obtained only from willing sellers.

Since the inception of the MSCP the County and its partners have acquired 49,886.8 (Table 2) acres of land. Figure 2 depicts the cumulative development of the preserve system within the MSCP.





### **Metro-Lakeside-Jamul Segment**

Metro-Lakeside-Jamul is the largest of the three segments. It covers approximately 172,952 acres of land, of which, 115,241 acres are considered natural and having habitat value. The preserve area planned for this segment will include approximately 44,764 acres of land.

Within the Metro-Lakeside-Jamul segment, the preserve will be assembled through land acquisition and specific mitigation requirements for individual projects. These projects must be consistent with the mitigation requirements set forth in the MSCP, the Subarea Plan, and the County's BMO.

The Pre-approved Mitigation Area includes the major biological core and linkage areas in the Metro-Lakeside-Jamul segment and therefore, approximates the ultimate location of the Preserve for this area. Lands preserved outside of the Pre-approved Area will not be counted towards the County's preserve requirements unless the Wildlife Agencies and the County agree that such areas provide equivalent and acceptable Core and Linkage preserve values.

As of December 31, 2000, the Habitat Conservation Accounting Model (Table 3) identified approximately 17,556.78 acres of habitat preserved within Metro-Lakeside-Jamul segment. Of this amount, 2,247.41 acres were preserved during the 2000 reporting period. A Summary of Project Losses and Gains are included as Tables 4 and 5. An additional area totaling 1,216.40 acres has been preserved outside of the Pre-approved Mitigation Area. These 1,216.40 acres of land are in addition to preserve lands counted towards the County's habitat conservation goal of 101,000 acres. Conservation of each vegetation type within the Metro-Lakeside-Jamul segment is said to be in rough step with development when the Habitat Conservation Model (Table 2) indicates that the actual cumulative loss for the current year is less than or equal to the maximum allowable impacts for the current year (see last 2 columns of Table 2). Therefore, the Habitat Conservation Accounting Model indicates that preservation of habitat is occurring in "rough step" with development in the Metro-Lakeside-Jamul segment.

### **CRITICAL BIOLOGICAL RESOURCES**

Several critical biological resource areas identified in Section 4.2.3 of the MSCP were acquired during 2000. Critical biological resource areas are defined as having high biological value and include locations of critical populations of target species. These include several parcels on San Miguel Mountain, McGinty Mountain, Boden Canyon, and Crestridge.

## LINKAGES

In addition to the above core resource areas, the County of San Diego acquired portions of several habitat linkage areas. These included approximately 8.7 acres in Lakeside, known as the Lakeside Archipelago, and 95.4 acres in the Lusardi Creek Corridor.

### **LAKE HODGES SEGMENT AND SOUTH COUNTY SEGMENT**

The Lake Hodges segment covers approximately 8,814 acres of mostly vacant land. The preservation goal for this segment will include approximately 4,589 acres of natural habitat exclusive of ruderal and disturbed habitats. This total includes all the areas to be placed within the preserve boundaries as negotiated prior to approval of the MSCP.

The South County segment covers approximately 82,767 acres of land in the southwestern portion of the County. The preservation goal for this segment will include approximately 48,240 acres of natural habitat exclusive of ruderal and disturbed habitats. This total includes all the areas to be placed within the preserve boundaries as negotiated prior to approval of the MSCP.

Reporting of data by segment is a limitation of the HABITRAK tool. This limitation will be enhanced in future versions of the software extension. Due to this limitation, only an estimate of the cumulative conservation that has occurred within the Lake Hodges and South County Segments can be made. The total lands conserved in both the Lake Hodges and South County segments was determined by subtracting the acreage totals from the Metro-Lakeside-Jamul segment from the total conserved habitat acreage in the Summary of Habitat Loss and Gains and the Habitat Conservation Model (Tables 2 and 3). The result of this calculation determined that cumulatively there has been approximately 32,330.02 acres of land conserved within the Lake Hodges and South County segments.

### **MITIGATION BANKS AND GOVERNMENT PURCHASES**

#### **MITIGATION BANKS**

Since the adoption of the MSCP, several Mitigation Banks have been established in the County (Table 6). There are two types of mitigation banks found throughout the County: 1) Mitigation banks that are approved by the Resource Agencies, and 2) Mitigation banks that have yet to receive formal approval from the Resource Agencies. The major difference between these two types of banks is that approved banks are considered entirely preserved when the first credit is purchased. In the case of non-approved banks, the County only receives preservation credit at the time a conservation easement has been approved. Table 6 identifies the existing mitigation banks within the MSCP boundaries and the number of credits that have been utilized from each bank.

Mitigation banks include: The Lake Hodges Mitigation Bank (Walsh), the Curren Mitigation Bank in Lakeside, the McGinty Mountain Preserve, the O'Neal Canyon

Preserve Area, the San Vicente Boys and Girls Club -1, and the Upham Vernal Pool Mitigation Bank. Four mitigation banks within the MSCP are utilized by the Department of Public Works for public projects such as road improvements; these include the Singing Hills Mitigation Bank, the Sweetwater Mitigation Bank, the Rancho San Diego Conservation Area, and the Boden Canyon Bank.

## **GOVERNMENT PURCHASES**

The Subarea Plan requires that the Governmental Agencies (Local, State, and Federal), acquire approximately 18,000 acres of land in the Metro-Lakeside-Jamul segment of the Subarea Plan. The goal for the county is to obtain approximately 9,425 acres of land with the Resource Agencies providing the other 9,425 acres. Table 7 depicts the total amount of land acquired during this reporting and cumulatively for each governmental agency.

### **FEDERAL PURCHASES**

Prior to 2000, the Federal Government had acquired 6,035.58 acres of land within the MSCP Subarea. During 2000, the Federal Agencies acquired 912.61 acres

### **STATE PURCHASES**

Prior to 2000, the State Government had acquired 13,768.87 acres of land within the MSCP Subarea. During 2000, the State Government acquired 1,168.00 acres of land.

### **COUNTY PURCHASES**

County Land acquisitions in 2000 totaled 921.03 acres and included: Lusardi Creek (Santa Fe View) 95.40 acres, Lakeside (Phase II.B) – 8.73 acres, Tijuana River Valley (Piper/Shelton) – 140.00 acres, Hollenbeck Canyon (Daley Ranch Phase I & II) 598.20, and Wright's Field (Union Bank & Alpine School District) 78.70.

### **OTHER AREAS**

There are several areas of County owned land that are within other jurisdictions. Some areas worth noting include the Los Peñasquitos Canyon Preserve and the Tijuana Valley River Park. Presently the Los Peñasquitos Canyon Preserve consists of 277.38 acres and the Tijuana Valley River Park is 1,185.21 acres in size.

### **AGRICULTURAL EXEMPTIONS**

During 2000, one agricultural exemption was issued that affected natural habitat. This exemption resulted in the loss of 27.43 acres of land. Cumulatively, the County has lost 36.07 acres of habitat to agricultural uses within the MSCP.

## **COUNTY MANAGEMENT AND MONITORING**

The County of San Diego is obligated to manage and monitor the habitat that it acquires per requirements of the IA sections 10.9 Preserve Management and 11.0 Funding responsibilities. The County and Resource Agencies signed the IA on March 17, 1998. The IA required that the County prepare and submit to the Resource Agencies, a Framework Management Plan that incorporates the species-specific management actions set forth in Table 3-5 of the MSCP Plan. These actions will include adaptive management strategies as is appropriate. The county is also responsible for providing a short- and long-term funding mechanism regarding the management and monitoring of habitat acquired in the MSCP.

The County submitted a draft Framework Management Plan/Summary of Management Policies to the resource Agencies for the County Subarea Plan in September 1998. In November 1999, comments were received from the Resource Agencies. In December 1999, the County met with the Resource Agencies to clarify the issues and identify what revisions were needed to finalize the document. The revised draft Framework Management Plan was provided to several stakeholder groups for their review and comments. The County is currently reviewing those comments and enhancing the document prior to submitting the final FMP to the Resource Agencies.

Until the FMP is approved, the County will provide basic stewardship of the properties that have been acquired since the implementation of the MSCP. These lands include the Tijuana River Valley Regional Park, the Lakeside Linkage, and Lusardi Creek. This stewardship consists of regulating access, providing trail maintenance, litter removal, as well as providing outreach materials to the general public.

In addition to the FMP, the County has approved management plans for several “hardline” preserve areas, including 4S Ranch, Starwood, Golem, and Bernardo Lakes within the Lake Hodges segment. These management plans have been written to be consistent with the County’s FMPs and to effectively establish the Area Specific Management Directives for these properties. They generally involve the submittal of an annual report, which is reviewed, and comments given, on the standard of the management.

Funding measures to support adaptive management activities are included in all of these projects as “conditions of approval” with the exception of 4S ranch. 4S ranch provides “stewardship management” with right of entry for the County or its agents to carry out adaptive management activities. Stewardship Management requires the property owners take responsibility for the maintenance of the open space, while monitoring becomes the responsibility of the County. The County is in partnership with the City of Chula Vista as the Preserve Owner Manager (POM) of the Otay Ranch preserve. Currently, there has been no transfer of fee title to the POM, therefore, the property owners are responsible for the stewardship management pursuant to the Otay Ranch Plan. Upon such time as fee title is deeded to the POM, the management requirements of the Resource Management Plan I and II will be followed. As

development occurs on Otay Ranch, funds will be collected through the establishment of an assessment district that will support monitoring and management activities of the POM.

The County has applied for and received approval for State grant funding through the Natural Communities Conservation Program for current monitoring activities. Professional staff has been hired/contracted, or are currently in the process of being hired/contracted, to carry out the majority of these monitoring activities, which began in February 2001. Grant proposals for future years are currently being discussed with the resource agencies' staff.

Sensitive plant monitoring on preserved lands are occurring over this field season (2001) and next (2002) on areas that span the MSCP Subarea, and each Segment within the Subarea Plan. In the Lake Hodges Segment, vegetation mapping and sensitive plant population mapping of approximately 2,500 acres using Global Positioning System (GPS) technology are occurring on the open space areas of 4S Ranch and in Santa Fe Valley/Lusardi Creek. In the Metro-Lakeside-Jamul Segment, similar methods are employed for baseline vegetation surveys of approximately 10,000 acres on The Boys and Girls Club south of Iron Mountain, McGinty Mountain south of Sweetwater River, and Rancho Jamul Ecological Reserve/Hollenbeck Canyon east of Jamul. In the South County Segment, two areas totaling nearly 500 acres are being mapped north and south of the eastern arm of Otay Lakes. A separate vegetation-mapping project involves the ground-truthing of high-resolution aerial digital images of Lusardi Creek and 4S Ranch gathered by a team at San Diego State University. It is hoped that using these technologically advanced methods will become cost-effective methods of monitoring large areas of preserved lands in the future, detecting areas that display changes over time, thereby identifying areas that may require direct intervention, e.g., the removal of exotic species.

Birds present on coastal sage scrub are being surveyed on the Lakeside Linkage of the Metro-Lakeside-Jamul Segment of the MSCP. The methods used involve establishing long-term monitoring locations and the collection of baseline data that can be used for comparative efforts in the future. In this way, populations of birds that utilize coastal sage scrub habitats can be monitored for any detectable changes. Also in the Lakeside Linkage, populations of the California Gnatcatcher (*Polioptila californica californica*) will be investigated to document breeding territories, distributions, and dispersal rates of juveniles and adults. This work involves the banding by a licensed biologist. Funding has also been awarded to prepare a Framework Management Plan for Lakeside and Lusardi that will aid in the long-term viability of the biological resources in the areas.

A project that is nearing completion is the preparation of a Habitat Management Plan for the Crestridge Ecological Preserve in the Metro-Lakeside-Jamul Segment of the MSCP. The Conservation Biology Institute and others performed this work, under the Back Country Land Trust. Detailed surveys were performed of the diversity of insects, birds, and plants. The data was digitized and analyzed along with existing data such as the

fire history. In this way, management recommendations could be formed that will ensure the integrity of the biological resources present for future generations.

The Quino checkerspot butterfly (*Euphydryas editha quino*) is federally listed as endangered. The County of San Diego has received a grant from the United States Fish and Wildlife Service to prepare an amendment to the MSCP Subarea Plan that would result in this species being covered. An entomologist, David Faulkner, began working in March to try to find populations of this butterfly on preserved land in the southern part of the MSCP on the Rancho Jamul Ecological Preserve and Hollenbeck Canyon areas east of Jamul.

## **REGIONAL FUNDING SOURCE/COUNTY CONTRIBUTION**

The County of San Diego is responsible for acquiring private lands within the Multiple Habitat Planning Area (MHPA), and for funding MHPA management, monitoring and administrative costs. The MSCP Plan intends that funds to cover these local costs will be raised on a regional, countywide or MSCP area-wide basis.

There are two methods that the County can use to ensure its compliance with the funding obligations set forth in Section 11.2 of the IA that includes short-term and long-term regional funding commitments.

In the short-term, prior to approval of a long-term regional financing mechanism, County will seek financing for the acquisition of private lands within the MHPA. Prior to the establishment of a regional financing mechanism, the County agrees to fund or ensure the costs of managing and monitoring.

The County of San Diego has responded to these funding requirements through approval of a two-year budget that includes the MSCP General Fund. The MSCP General Fund is based on fiscal year allocations. The County of San Diego fiscal year runs between July 1, and June 30 while the MSCP Annual Report is based on calendar year January 1, through December 31. The Board of Supervisors annually approves two-year budget strategies.

In 1998, the Board approved a total of \$2.0 million for the County MSCP General Fund for Fiscal Years (FY) 98-99, this included \$1.7 million for land acquisition and \$0.3 million for Management and Monitoring. In 1999, the Board approved \$3.0 million for the County MSCP General Fund for FY 99-00, this included \$2.7 million for land acquisition and \$0.3 million for Management and Monitoring. The County has approved a budget of \$5.0 million in FY 00-01 and has considered \$6.0 million in FY 01-02. The County also augments these monies with State Grant monies.

As of December 31, 2000, the County of San Diego had spent approximately \$12.6 million of County MSCP General Fund and State Grant monies. These funds were used to acquire total of 1,448.78 acres of land within the MSCP.

Table 1

## Summary of Habitat Losses and Gains

Pre-1998 Reports

Begin Period: January 1, 1980

End Period: December 31, 1997

Duration in days: 6,575

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Agriculture	9	0.0	0.0	143.4	143.4	1,592.9	0.0	0.0	503.8	503.8
Chaparral	39,884	0.0	0.0	18,518.8	18,518.8	46.4	0.0	0.0	808.1	808.1
Coastal Sage Scrub	44,254	0.0	0.0	11,601.7	11,601.7	26.2	0.0	0.0	958.6	958.6
Coastal Sage-Chaparral Scrub	1,325	0.0	0.0	173.4	173.4	13.1	0.0	0.0	17.6	17.6
Disturbed Land	9	0.0	0.0	158.9	158.9	1,765.6	0.0	2.7	182.4	182.4
Disturbed Wetland	90	0.0	0.0	24.0	24.0	26.6	0.0	0.0	7.9	7.9
Eucalyptus Woodland	120	0.0	0.0	16.4	16.4	13.7	0.0	0.0	0.4	0.4
Freshwater Marsh	238	0.0	0.0	18.3	18.3	7.7	0.0	0.0	0.1	0.1
Grassland	3,566	0.0	0.0	480.7	480.7	13.5	0.0	0.0	103.2	103.2
Natural Floodchannel	344	0.0	0.0	18.6	18.6	5.4	0.0	0.0	2.1	2.1
Oak Riparian Forest	2,194	0.0	0.0	187.9	187.9	8.6	0.0	0.0	67.1	67.1
Oak Woodland	2,206	0.0	0.0	297.0	297.0	13.5	0.0	0.0	40.6	40.6
Open Water	149	0.0	0.0	5.2	5.2	3.5	0.0	0.0	2.0	2.0
Riparian Forest	348	0.0	0.0	179.7	179.7	51.6	0.0	0.0	9.4	9.4
Riparian Scrub	760	0.0	0.0	39.0	39.0	5.1	0.0	0.0	13.8	13.8
Riparian Woodland	20	0.0	0.0	4.0	4.0	20.1	0.0	0.0	0.0	0.0

Table 1 Cont.

## Summary of Habitat Losses and Gains

Pre-1998 Reports

Begin Period: January 1, 1980

End Period: December 31, 1997

Duration in days: 6,575

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Shallow Bays		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Maritime Chaparral	5	0.0	0.0	5.7	5.7	114.1	0.0	0.0	26.3	26.3
Tecate Cypress Forest	5,589	0.0	0.0	5,243.1	5,243.1	93.8	0.0	0.0	0.1	0.1
Urban/Developed		0.0	0.0	38.8	38.8	0.0	0.0	0.0	399.6	399.6
<b>Grand Total:</b>		<b>0.0</b>	<b>0.0</b>	<b>37,154.5</b>	<b>37,154.5</b>		<b>0.0</b>	<b>2.7</b>	<b>3,143.1</b>	<b>3,143.1</b>

Table 2

## Summary of Habitat Losses and Gains

2000 Report

Begin Period: January 1, 2000

End Period: December 31, 2000

Duration in days: 366

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Agriculture	9	0.0	5.9	0.1	315.5	3,505.7	48.3	238.0	0.0	1,155.9
Chaparral	39,884	8.9	33.4	1,101.1	23,782.1	59.6	279.1	633.1	500.7	2,345.2
Coastal Sage Scrub	44,254	60.1	120.7	1,652.0	17,438.5	39.4	58.8	166.3	552.2	1,942.9
Coastal Sage-Chaparral Scrub	1,325	0.0	0.0	19.4	550.4	41.5	2.8	16.9	1.4	284.6
Disturbed Land	9	1.8	16.0	9.5	266.0	2,955.7	32.0	74.7	7.5	211.4
Disturbed Wetland	90	0.0	0.0	0.0	55.6	61.8	0.0	15.3	0.0	24.6
Eucalyptus Woodland	120	0.0	3.8	7.0	28.3	23.6	1.6	27.1	0.0	0.6
Freshwater Marsh	238	0.0	0.0	1.6	41.7	17.5	0.0	0.0	5.8	25.9
Grassland	3,566	3.2	3.8	76.1	785.5	22.0	38.6	153.7	57.5	295.7
Natural Floodchannel	344	0.0	0.0	0.0	25.8	7.5	0.0	0.0	0.0	2.2
Oak Riparian Forest	2,194	0.9	2.1	25.2	496.0	22.6	3.7	11.7	63.5	168.2
Oak Woodland	2,206	0.1	1.9	72.2	569.1	25.8	9.7	15.0	27.9	140.1
Open Water	149	0.0	0.0	0.0	8.0	5.3	0.0	0.0	0.0	3.9
Riparian Forest	348	0.0	0.0	1.1	206.9	59.5	0.0	1.3	0.0	10.3
Riparian Scrub	760	0.0	0.3	3.2	64.6	8.5	0.6	2.1	0.0	14.4
Riparian Woodland	20	0.0	0.0	0.0	4.0	20.1	0.0	0.0	0.0	0.0

## Summary of Habitat Losses and Gains

2000 Report

Begin Period: January 1, 2000

End Period: December 31, 2000

Duration in days: 366

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Shallow Bays		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Maritime Chaparral	5	0.0	0.0	0.0	5.7	114.1	0.7	4.9	0.0	27.7
Tecate Cypress Forest	5,589	0.0	0.0	0.0	5,243.1	93.8	0.0	0.0	0.0	0.1
Urban/Developed		0.0	0.0	1.5	50.5	0.0	125.7	469.3	8.7	514.4
<b>Grand Total:</b>		<b>75.2</b>	<b>188.0</b>	<b>2,970.0</b>	<b>49,937.3</b>		<b>601.8</b>	<b>1,829.5</b>	<b>1,225.1</b>	<b>7,168.0</b>

Table 3

Start Date: 1/1/2000  
 End Date: 12/31/2000  
 Duration in days: 366.00

## Habitat Conservation Accounting Model

*County of San Diego Pre-Approved Mitigation Area  
 Metro-Lakeside-Jamul Segment*

### 2000 Report

Habitat Type	Total Subarea Habitat Preserve	Conservation Target	Estimated Take	Conservation Ratio	Cumulative Conservation Inside Habitat Preserve	Max. Allowable Impacts for the Current Year	Actual Cumulative Loss for Current Year
Agriculture	0	0	0	0.00	291.67	0.00	48.34
Chaparral	56,143	18,619	37,524	0.50	8,541.93	19,245.96	285.90
Coastal Sage Scrub	40,070	18,626	21,444	0.87 ✓	6,728.52	9,116.25	112.66
Coastal Sage-Chaparral Scrub	2,926	1,152	1,774	0.65	478.69	840.83	2.82
Disturbed Land	0	0	0	0.00	119.45	0.00	32.40
Disturbed Wetland	108	52	56	0.93	38.46	42.88	0.00
Eucalyptus Woodland	367	41	326	0.13	5.38	71.11	1.64
Freshwater Marsh	36	15	21	0.71	6.74	10.59	0.00
Grassland	5,373	1,603	3,770	0.43	359.91	1,138.80	41.80
Natural Floodchannel	235	197	38	5.18	8.50	5.28	0.00
Oak Riparian Forest	4,170	2,045	2,125	0.96	431.05	615.62	2.86
Oak Woodland	4,682	1,901	2,781	0.68	509.85	949.38	9.86
Open Water	238	124	114	1.09	0.95	12.19	0.00
Riparian Forest	205	84	121	0.69	22.77	41.62	0.00
Riparian Scrub	760	298	462	0.65	8.89	58.60	0.62
Riparian Woodland	12	6	6	1.00	4.03	4.23	0.00
Southern Maritime Chaparral	52	0	52	0.00	0.00	0.00	0.74
Urban/Developed	17	0	17	0.00	12.39	0.00	124.77
<b>Grand Total:</b>					<b>17,569.17</b>		<b>664.40</b>

Table 4

## Summary of Project Losses

2000 Report  
 Start Date: January 01, 2000  
 End Date: December 31, 2000  
 Duration in days: 366

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-001	Brown Subdivision	Metro-Lakeside -Jamul	Brown, Gregory	515-092-16	11/2/00	Loss		Single-Family Residential	Yes	10.68
00-002	Mahogany Ranch	Metro-Lakeside -Jamul Segment	Jennifer Rogers	327-011-39 327-020-27	7/13/00	Loss		Single-Family Residential	No	38.81
00-004	Pinery Grove	Metro-Lakeside -Jamul Segment	Nels T. Christensen	379-341-01	5/17/00	Loss		Single-Family Residential	No	12.70
00-005	El Apajo	Metro-Lakeside -Jamul-Segment	Schoenfelder	269-071-29 269-071-30 269-071-31 269-071-32	3/10/00	Loss		Single-Family Residential	Yes	11.65
00-006	Loma Del Fuego	Metro-Lakeside -Jamul Segment	Harold Ball	519-220-61 519-220-62 519-220-63 519-220-64	1/21/00	Loss		Single-Family Residential	No	4.55
00-007	Wilder PM	Metro-Lakeside -Jamul Segment	John Wilder	398-240-82 398-240-83 398-240-84 398-240-85 398-240-86	3/31/00	Loss		Single-Family Residential	No	3.28
00-008	Coleman BP	Metro-Lakeside -Jamul Segment	Coleman Family Trust	237-090-64	7/20/00	Loss		Single-Family Residential	No	2.03

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-009	Roesch BP	Metro-Lakeside -Jamul Segment	Richard Roesch	237-100-41	6/6/00	Loss		Single-Family Residential	No	0.75
00-010	Mullis	Metro-Lakeside -Jamul Segment	Mullis Inter. trust	239-151-32	5/26/00	Loss		Single-Family Residential	No	2.05
00-011	Misajlovich BP	Metro-Lakeside -Jamul Segment	Mirko Misajlovich	241-120-09	9/5/00	Loss		Single-Family Residential	No	2.34
00-012	Capstone BP	Lake Hodges Segment	Capstone	265-492-53	1/7/00	Loss		Single-Family Residential	Yes	1.82
00-013	Westminster BP	Lake Hodges Segment	Westminster Reality	267-147-03	9/27/00	Loss		Single-Family Residential	No	2.46
00-014	Salatino BP	Lake Hodges Segment	Randall Salatino	267-148-14	7/7/00	Loss		Single-Family Residential	No	2.16
00-015	Allred BP-1	Metro-Lakeside -Jamul Segment	Allred Residential Property	268-180-44	1/4/00	Loss		Single-Family Residential	No	2.95
00-016	Allred BP-2	Metro-Lakeside -Jamul Segment	Allred Residential Property	268-180-49	6/28/00	Loss		Single-Family Residential	No	3.04
00-017	Bassman BP	Metro-Lakeside -Jamul Segment	Jeff Bassman	269-050-12	4/17/00	Loss		Single-Family Residential	No	3.05
00-018	Schoenfelder BP-1	Metro-Lakeside -Jamul Segment	Schoenfelder GP	269-071-21	1/6/00	Loss		Single-Family Residential	No	4.77
00-019	RSF BP	Metro-Lakeside -Jamul Segment	RSF Estates	269-071-28	12/8/00	Loss		Single-Family Residential	No	0.79
00-020	AW BP	Metro-Lakeside -Jamul Segment	AW Properties	269-071-32	1/28/00	Loss		Single-Family Residential	No	3.03
00-021	Schnieder BP	Metro-Lakeside -Jamul	Steven Schnieder	272-100-41	9/8/00	Loss		Single-Family Residential	Yes	1.33
00-022	Snow BP	Metro-Lakeside -Jamul Segment	Snow Family Trust	276-060-34	11/22/00	Loss		Single-Family Residential	No	6.90
00-023	Barret BP	Metro-Lakeside -Jamul Segment	Edward Barret	278-411-29	12/1/00	Loss		Single-Family Residential	No	1.39

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Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-024	Thomsen BP	Metro-Lakeside -Jamul Segment	Arthur Thomsen	283-032-87	9/28/00	Loss		Single-Family Residential	No	2.00
00-025	Hankins BP	Metro-Lakeside -Jamul Segment	David Hankins	285-030-18	7/6/00	Loss		Single-Family Residential	No	1.04
00-026	Conley BP	Metro-Lakeside -Jamul Segment	Mark Conley	285-030-60	1/20/00	Loss		Single-Family Residential	No	4.85
00-027	Blakeney BP	Metro-Lakeside -Jamul Segment	Robert Blakeney	302-303-22	6/30/00	Loss		Single-Family Residential	No	2.65
00-028	Silverwood BP	Metro-Lakeside -Jamul Segment	James Silverwood	303-030-07	8/15/00	Loss		Single-Family Residential	No	4.31
00-029	KRM BP	Metro-Lakeside Jamul Segment	KRM Spy Glass	303-060-31	7/5/00	Loss		Single-Family Residential	No	2.30
00-030	Lara BP	Metro-Lakeside -Jamul	Eusebio Lara	303-060-41	9/25/00	Loss		Single-Family Residential	No	2.44
00-031	Correia BP	Metro-Lakeside -Jamul Segment	Maurice Correia	303-061-03	6/26/00	Loss		Single-Family Residential	No	2.47
00-032	Stonefield 1 BP	Metro-Lakeside -Jamul Segment	Stonefield Santa Fe	303-100-37	1/25/00	Loss		Single-Family Residential	No	1.01
00-033	Stonefield 2 BP	Metro-Lakeside -Jamul Segment	Stonefield Santa Fe	303-100-38	1/25/00	Loss		Single-Family Residential	No	0.99
00-034	Stonefield 3 BP	Metro-Lakeside -Jamul Segment	Stonefield Santa Fe	303-100-39	1/25/00	Loss		Single-Family Residential	No	1.00
00-035	Shera Bp	Metro-Lakeside -Jamul Segment	Shera Crockett	303-101-12	1/11/00	Loss		Single-Family Residential	No	2.03
00-036	Bow BP	Metro-Lakeside -Jamul Segment	Stephen Bow	305-050-01	10/31/00	Loss		Single-Family Residential	No	2.97
00-037	Harvey BP	Metro-Lakeside -Jamul Segment	Gary Harvey	323-110-50	7/12/00	Loss		Single-Family Residential	Yes	4.67
00-038	Tokar BP	Metro-Lakeside -Jamul Segment	James Tokar	324-070-27	9/29/00	Loss		Single-Family Residential	Yes	1.50

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-039	Freeman BP	Metro-Lakeside -Jamul	Freeman Construction	324-070-34	4/11/00	Loss		Single-Family Residential	Yes	2.54
00-040	McClean BP	Metro-Lakeside -Jamul Segment	McClean Revocable Trust	329-120-43	2/9/00	Loss		Single-Family Residential	Yes	6.79
00-041	Hamilton BP	Metro-Lakeside -Jamul Segment	Stephen Hamilton	329-120-45	4/28/00	Loss		Single-Family Residential	No	3.56
00-042	Shaw BP	Metro-Lakeside -Jamul Segment	James Shaw	329-131-15	3/23/00	Loss		Single-Family Residential	Yes	2.63
00-043	Fuson BP	Metro-Lakeside -Jamul Segment	Vernon Fuson	329-151-18	6/1/00	Loss		Single-Family Residential	No	4.91
00-044	Jackson BP	Metro-Lakeside -Jamul Segment	Jackson Inter.	379-093-47	3/22/00	Loss		Single-Family Residential	No	1.07
00-045	Whillock BP	Metro-Lakeside -Jamul Segment	Mark Whillock	388-230-47	1/10/00	Loss		Single-Family Residential	No	0.59
00-046	Sturdevant BP	Metro-Lakeside -Jamul Segment	Sturdevant Family Trust	388-231-03	9/7/00	Loss		Single-Family Residential	Yes	3.94
00-047	Surpenant	Metro-Lakeside -Jamul Segment	Ray Surpenant	391-090-04	1/3/00	Loss		Single-Family Residential	Yes	1.83
00-048	Anderson BP	Metro-Lakeside -Jamul Segment	Mark Anderson	392-130-08	5/16/00	Loss		Single-Family Residential	Yes	8.85
00-049	Hughes BP	Metro-Lakeside -Jamul Segment	Kirk Hughes	395-250-18	7/17/00	Loss		Commercial	No	1.41
00-050	Kasab BP	Metro-Lakeside -Jamul-Segment	Hatim Kasab	395-342-16	12/11/00	Loss		Single-Family Residential	No	4.77
00-051	Knarp BP	Metro-Lakeside -Jamul Segment	Marie Knarp	396-052-40	3/9/00	Loss		Single-Family Residential	No	1.98
00-053	Hayley BP	Metro-Lakeside -Jamul	Robert Hayley	396-220-25	8/15/00	Loss		Single-Family Residential	Yes	1.98
00-054	Castello BP	Metro-Lakeside -Jamul Segment	Castello BP	396-220-44	11/17/00	Loss		Single-Family Residential	Yes	1.76

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-055	Sorchy BP	Metro-Lakeside -Jamul Segment	Sorchy Intervivos Trust	398-240-77	3/16/00	Loss		Single-Family Residential	No	0.49
00-056	Grassa BP	Metro-Lakeside -Jamul Segment	Stefano Grassa	398-520-04	5/17/00	Loss		Single-Family Residential	No	0.40
00-057	Nicholas BP	Metro-Lakeside -Jamul Segment	Nicholas Family Trust	399-020-13	5/24/00	Loss		Single-Family Residential	No	4.47
00-058	Harwell BP	Metro-Lakeside -Jamul Segment	Harwell & Scott Const.	400-310-78 400-310-79 400-310-80 400-310-81	5/23/00	Loss		Single-Family Residential	No	8.83
00-059	Harwell 2 BP	Metro-Lakeside -Jamul Segment	Harwell & Scott Const.	401-192-02 401-192-03 401-192-04	4/3/00	Loss		Single-Family Residential	Yes	2.09
00-060	Gonya 1 BP	Metro-Lakeside -Jamul Segment	Gonya Enterprises	402-281-50	3/13/00	Loss		Single-Family Residential	No	1.22
00-061	Gonya 3 BP	Metro-Lakeside -Jamul Segment	Gonya Enterprises	402-400-23	7/7/00	Loss		Single-Family Residential	No	1.77
00-062	Whitt BP	Metro-Lakeside -Jamul Segment	Whitt Family Trust	403-051-02	2/4/00	Loss		Single-Family Residential	No	4.14
00-063	Sky Mesa BP	Metro-Lakeside -Jamul Segment	Sky Mesa Ranc	403-521-22	1/7/00	Loss		Single-Family Residential	No	1.83
00-064	Asaro BP	Metro-Lakeside -Jamul Segment	Frank Asaro	404-100-41	9/25/00	Loss		Single-Family Residential	No	5.69
00-065	Duff BP	Metro-Lakeside -Jamul Segment	Robert Duff	404-170-58	2/14/00	Loss		Single-Family Residential	No	1.04
00-066	Kaiser BP	Metro-Lakeside -Jamul Segment	David Kaiser	404-231-23	1/12/00	Loss		Single-Family Residential	No	3.71
00-067	Wallace	Metro-Lakeside -Jamul Segment	David Wallace	404-263-36	6/22/00	Loss		Single-Family Residential	No	1.17

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-098	Jamacha Road BP	Metro-Lakeside -Jamul Segment	Jamacha Road Family Housing	578-180-35	7/21/00	Loss		Multi-Family Residential	No	2.12
00-099	Stojanovski BP	Metro-Lakeside -Jamul Segment	Bronko Stojanovski	579-043-06	10/27/00	Loss		Single-Family Residential	No	0.18
00-100	Gunkel BP	Metro-Lakeside -Jamul Segment	Reinhard Gunkel	579-353-03	11/29/00	Loss		Single-Family Residential	No	0.22
00-101	Allaf BP	Metro-Lakeside -Jamul Segment	Mohammad Allaf	579-372-21	7/20/00	Loss		Single-Family Residential	No	0.14
00-102	Khouli BP	Metro-Lakeside -Jamul Segment	Abby Khouli	579-372-23	12/14/00	Loss		Single-Family Residential	No	0.16
00-103	Vacoo BP	Metro-Lakeside -Jamul Segment	Jim Vacoo	596-070-79	1/24/00	Loss		Single-Family Residential	No	2.34
00-104	Impink BP	Metro-Lakeside -Jamul Segment	Carla Impink	596-120-79	7/17/00	Loss		Single-Family Residential	No	1.03
00-105	Olguin BP	Metro-Lakeside -Jamul Segment	Guillermo Olguin	596-140-35	2/17/00	Loss		Single-Family Residential	No	1.21
00-106	Pacific Horizon BP	South County Segment	Pacific Horizon	596-200-18 596-200-19	8/23/00	Loss		Single-Family Residential	No	4.19
00-107	Strum BP	South County Segment	Richard Strum	596-212-14	4/11/00	Loss		Single-Family Residential	No	1.62
00-108	Huffine BP	Metro-Lakeside -Jamul Segment	Todd Huffine	596-241-24	9/28/00	Loss		Single-Family Residential	No	3.30
00-109	Abero BP	Metro-Lakeside -Jamul Segment	Melwyn Abero	596-280-07	2/18/00	Loss		Single-Family Residential	No	1.24
00-110	Proctor BP	Metro-Lakeside -Jamul Segment	Joel Proctor	597-101-10	10/10/00	Loss		Commercial	No	3.03
00-111	Bouma BP	Metro-Lakeside -Jamul Segment	Nicholas Bouma	597-231-12	2/17/00	Loss		Single-Family Residential	No	2.20
00-112	Ross 1 BP	Metro-Lakeside -Jamul Segment	Ardell Ross	597-250-15	7/19/00	Loss		Single-Family Residential	No	2.59

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-083	Goodwin BP	Metro-Lakeside -Jamul Segment	Norman Goodwin	517-031-14	2/9/00	Loss		Single-Family Residential	Yes	1.00
00-084	Sardo BP	Metro-Lakeside -Jamul Segment	Bart Sardo	517-040-32	9/1/00	Loss		Single-Family Residential	Yes	1.16
00-085	Fleming BP	Metro-Lakeside -Jamul Segment	John Fleming	518-050-07	5/16/00	Loss		Single-Family Residential	Yes	2.61
00-086	Gillete BP	Metro-Lakeside -Jamul Segment	Mitchell Gillete	518-050-23	5/10/00	Loss		Single-Family Residential	Yes	3.26
00-087	Lakin BP	Metro-Lakeside -Jamul Segment	Michael Lakin	519-040-38	8/16/00	Loss		Single-Family Residential	Yes	3.54
00-088	Igou BP	Metro-Lakeside -Jamul Segment	Vicki Igou	519-170-16	7/10/00	Loss		Single-Family Residential	Yes	1.38
00-089	Pierce BP	Metro-Lakeside -Jamul Segment	Auren Pierce	520-050-25	3/14/00	Loss		Single-Family Residential	No	0.82
00-090	Bell BP	Metro-Lakeside -Jamul Segment	James Bell	520-170-40	12/12/00	Loss		Single-Family Residential	No	2.00
00-091	Mclean BP	Merto-Lakeside -Jamul Segment	Mclean Revocable Trust	520-240-05	12/31/00	Loss		Single-Family Residential	No	2.13
00-092	Murphy BP	Metro-Lakeside -Jamul Segment	James Murphy	520-271-02	6/13/00	Loss		Single-Family Residential	No	1.99
00-093	Engstand BP	Metro-Lakeside -Jamul Segment	Craig Engstand	520-271-25	10/5/00	Loss		Single-Family Residential	No	3.15
00-094	R.E.I BP	Metro-Lakeside -Jamul Segment	R.E.I Inc.	520-320-28	4/20/00	Loss		Single-Family Residential	No	2.22
00-095	Straitan BP	Metro-Lakeside -Jamul Segment	Keneth Straitan	522-080-60	10/31/00	Loss		Single-Family Residential	Yes	4.92
00-096	Curtis BP	Metro-Lakeside -Jamul Segment	Darren Curtis	522-080-65	2/1/00	Loss		Single-Family Residential	No	1.61
00-097	Harrison BP	Metro-Lakeside -Jamul Segment	Harrison Living Trust	522-120-27	6/21/00	Loss		Single-Family Residential	Yes	1.39

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-068	LRS BP	Metro-Lakeside -Jamul Segment	LRS Homes	404-264-04	4/18/00	Loss		Single-Family Residential	No	2.01
00-069	Loftin BP	Metro-Lakeside -Jamul Segment	Thomas Loftin	404-471-04	10/17/00	Loss		Single-Family Residential	No	1.27
00-070	Glasser BP	Metro-Lakeside -Jamul Segment	James Glasser	493-400-35	8/24/00	Loss		Single-Family Residential	No	0.48
00-071	Grabia BP	Metro-Lakeside -Jamul Segment	Karl Grabia	493-400-66	3/2/00	Loss		Single-Family Residential	No	1.05
00-072	Morgan 10 BP	Metro-Lakeside -Jamul Segment	Kurt Morgan	495-171-15	8/21/00	Loss		Single-Family Residential	No	1.08
00-073	Zabisn BP	Metro-Lakeside -Jamul Segment	Phillip Zabisn	498-390-05	11/11/00	Loss		Single-Family Residential	No	1.14
00-074	Sicre BP	Metro-Lakeside -Jamul Segment	Lester Sicre	509-300-16	4/7/00	Loss		Single-Family Residential	Yes	2.59
00-075	Satterley BP	Metro-Lakeside -Jamul Segment	James Satterley	512-090-03	11/15/00	Loss		Single-Family Residential	Yes	1.90
00-076	Ledbetter BP	Metro-Lakeside -Jamul Segment	Ledbetter Family Trust	512-150-31	6/28/00	Loss		Single-Family Residential	No	1.28
00-077	Stephns BP	Metro-Lakeside -Jamul Segment	Dennis Stephns	513-036-03	2/29/00	Loss		Single-Family Residential	No	0.57
00-078	Aftem BP	Metro-Lakeside -Jamul Segment	Fredrick Aftem	514-300-36	1/28/00	Loss		Single-Family Residential	No	0.59
00-079	Ismo BP	Metro-Lakeside -Jamul Segment	Garth Ismo	515-081-66	1/28/00	Loss		Single-Family Residential	Yes	1.57
00-080	Barrack BP	Metro-Lakeside -Jamul Segment	Michael Barrack	515-101-18	1/6/00	Loss		Single-Family Residential	Yes	1.24
00-081	Gonya Enterprises BP	Metro-Lakeside -Jamul Segment	Gonya Enterprises	516-050-11	10/31/00	Loss		Single-Family Residential	Yes	1.03
00-082	Rossin BP	Metro-Lakeside -Jamul Segment	Ted Rossin	517-021-80	4/27/00	Loss		Single-Family Residential	Yes	2.45

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-113	Providence Ronald BP	Metro-Lakeside -Jamul Segment	Ronald Providence	597-270-14	9/21/00	Loss		Single-Family Residential	No	2.66
00-114	Pellegrino BP	Metro-Lakeside -Jamul Segment	Nicholas Pellegrino	597-280-16	9/21/00	Loss		Single-Family Residential	No	1.03
00-115	Parsley BP	Metro-Lakeside -Jamul Segment	Sandra Parsley	597-280-27	6/21/00	Loss		Single-Family Residential	No	1.14
00-116	Parrott BP	Metro-Lakeside -Jamul Segment	Richard Parrott	599-010-10	12/22/00	Loss		Single-Family Residential	No	5.76
00-117	Jeffers BP	Metro-Lakeside -Jamul Segment	Joseph Jeffers BP	599-220-85	3/28/00	Loss		Single-Family Residential	No	2.32
00-118	Hertel BP	Metro-Lakeside -Jamul Segment	Roger Hertel	599-280-16	3/16/00	Loss		Single-Family Residential	No	3.30
00-119	Murphy BP	Metro-Lakeside -Jamul Segment	James Murphy	599-280-17	1/3/00	Loss		Single-Family Residential	No	6.44
00-120	Queja BP	Metro-Lakeside -Jamul Segment	Silverio Queja	600-051-05	10/20/00	Loss		Single-Family Residential	No	2.42
00-121	Gholamrezaii BP	Metro-Lakeside -Jamul Segment	Jahanfar Gholamrezaii	600-100-33	9/21/00	Loss		Single-Family Residential	No	4.53
00-122	Steven Smith BP	Metro-Lakeside -Jamul Segment	Steven Smith	652-220-06	2/24/00	Loss		Single-Family Residential	No	1.10
00-123	Omalley Clearing	Metro-Lakeside -Jamul Segment	Omalley Family Trust	498-310-51	12/21/00	Loss		Single-Family Residential	No	3.81
00-124	Burst Grading Permit L-14015	Metro-Lakeside -Jamul Segment	Robert Burst	516-050-09	11/29/00	Loss		Single-Family Residential	Yes	0.97

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
				520-230-18						
				520-230-19						
				520-230-20						
				520-240-16						
				520-240-17						
				520-240-19						
				520-271-05						
				520-271-11						
				520-271-13						
				520-271-14						
				520-271-17						
				520-271-23						
				520-271-24						
				520-272-01						
				520-272-03						

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-125	Ranch Palo Verde Clearing 1	Metro-Lakeside -Jamul Segment	Ranch Palo Verde Property Owners	520-221-01	9/18/00	Loss		Single-Family Residential	No	100.61
				520-221-02						
				520-221-04						
				520-221-09						
				520-222-01						
				520-222-03						
				520-222-04						
				520-222-05						
				520-222-12						
				520-222-13						
				520-222-14						
				520-222-15						
				520-222-16						
				520-223-03						
				520-223-05						
				520-223-07						
				520-223-13						
				520-223-16						
				520-230-04						
				520-230-05						
				520-230-10						
				520-230-11						
				520-230-12						
				520-230-13						
				520-230-16						
				520-230-17						

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-126	Rancho Palo Verde 2 Clearing	Metro-Lakeside -Jamul Segment	Rancho Palo Verde	520-221-03	9/18/00	Loss		Single-Family Residential	No	94.86
				520-222-18						
				520-222-19						
				520-223-02						
				520-223-04						
				520-223-08						
				520-223-09						
				520-223-10						
				520-223-12						
				520-223-17						
				520-223-19						
				520-230-14						
				520-230-21						
				520-230-22						
				520-240-06						
				520-240-07						
				520-240-15						
				520-270-01						
				520-271-03						
				520-271-06						
				520-271-07						
				520-271-09						
				520-271-12						
				520-271-15						
				520-271-16						
				520-271-18						

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
				520-271-19						
				520-271-21						
				520-271-22						
				520-271-26						
				520-271-27						
				520-271-28						
				520-271-29						
				520-272-02						
				520-272-04						
				520-272-05						
				520-272-06						
				520-272-08						
00-127	Plunkett Clearing	Metro-Lakeside -Jamul Segment	Dennis Plunkett	401-091-26	8/7/00	Loss		Single-Family Residential	No	5.39
00-128	Ruchlewicz Clearing	Metro-Lakeside -Jamul Segment	Ruchlewicz Family Trust	269-192-42	6/9/00	Loss		Single-Family Residential	No	1.16
00-129	Cahill Clearing	Metro-Lakeside -Jamul Segment	Marilyn Cahill	519-050-31	6/20/00	Loss		Single-Family Residential	Yes	2.06
00-130	Cioe Clearing	Metro-Lakeside -Jamul Segment	Tony Cioe	597-241-13	3/17/00	Loss		Single-Family Residential	No	2.45
00-131	Stapakis Clearing	Metro-Lakeside -Jamul Segment	Stapakis Constant Family Trust	269-172-02	3/10/00	Loss		Single-Family Residential	Yes	1.11
00-132	Hershfield Clearing	Metro-Lakeside -Jamul Segment	Lawrence Hershfield	303-013-88	2/2/00	Loss		Single-Family Residential	No	2.06
00-133	Brad Leaf Clearing	Metro-Lakeside -Jamul Segment	Brad Leaf	303-013-88	2/2/00	Loss		Single-Family Residential	No	2.12
00-134	Gibson Agricultural Clearing	Metro-Lakeside -Jamul Segment	John Gibson	399-020-17	12/11/00	Loss		Single-Family Residential	Yes	27.43

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-140	SHV L-14014	Metro-Lakeside -Jamul Segment	SHV ILP	517-281-02 517-281-04	12/14/00	Loss		Single-Family Residential	Yes	11.33
00-141	Heimbigner L-13361	Metro-Lakeside -Jamul Segment	Wade Heimbigner	241-130-23 517-281-38	5/24/00	Loss		Single-Family Residential	No	5.81
00-142	Aero Drive Associates Limited L-13274	Metro-Lakeside -Jamul Segment	Aero Drive Associates Limited	401-190-11	3/6/00	Loss		Single-Family Residential	Yes	1.39
00-143	Poco Lago L-13270	metro-Lakeside -Jamul Segment	Poco lago	303-100-13 303-100-14 303-100-15 303-100-16 303-100-17 303-100-18	6/13/00	Loss		Single-Family Residential	No	10.94
00-144	Jamacha Family Housing L-13230	Metro-Lakeside -Jamul Segment	Jamacha Family Housing	578-180-34	4/27/00	Loss		Single-Family Residential	No	0.70
00-145	Rick Rieken L-13240	Metro-Lakeside -Jamul Segment	Rick Rieken	396-111-26	4/3/00	Loss		Single-Family Residential	No	1.97
00-146	Rancho Santa Fe Golf Club	Metro-Lakeside -Jamul Segment	Rancho Santa Fe Golf Club	303-040-59 303-040-61	4/18/00	Loss		Single-Family Residential	No	9.94
00-147	Wilson L-13150	Metro-Lakeside -Jamul Segment	Jerry Wilson	515-100-80	6/14/00	Loss		Single-Family Residential	Yes	0.93
00-148	Abell L-12718	Metro-Lakeside -Jamul Segment	Herbert Abell	597-230-47	10/17/00	Loss		Single-Family Residential	No	5.14
00-149	Dorsey L-1330	Metro-Lakeside -Jamul Segment	Thomas Dorsey	504-132-64	9/4/00	Loss		Single-Family Residential	No	0.55
00-150	Keystone L-13385	Metro-Lakeside -Jamul Segment	Keystone Blossom Valley	393-080-05	1/23/00	Loss		Single-Family Residential	No	16.30

Table 4 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
00-157	Wildcat Canyon/Old Barona Road Intersection	Metro-Lakeside -Jamul Segment	DPW	329-160-60	1/1/00	Loss		Transportation, Communication, Utili	Yes	0.93
00-161	DPW San Vicente Road	Metro-Lakeside -Jamul Segment	DPW	285-071-04	1/1/00	Loss		Transportation, Communication, Utili	Yes	0.27
0-052	Daniel BP	Metro-Lakeside -Jamul Segment	John Daniel	396-220-21	7/12/00	Loss		Single-Family Residential	Yes	1.85
99-168	Beach King BP	Metro-Lakeside -Jamul	Beach King Inc	515-180-12	5/1/00	Loss		Single-Family Residential	Yes	11.13
<b>Total Acres Lost:</b>										<b>677.13</b>

Table 5

## Summary of Project Gains

2000 Report

Start Date: January 01, 2000

End Date: December 31, 2000

Duration in days: 366

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
00-001	Brown Subdivision	Metro-Lakesid e-Jamul	515-092-16	Brown, Gregory	11/2/00	Local	Gain	Easement	Yes		13.46
00-002	Mahogany Ranch	Metro-Lakesid e-Jamul Segment	327-011-39 327-020-27	Jennifer Rogers	7/13/00	Local	Gain	Easement	No		69.30
00-021	Schnieder BP	Metro-Lakesid e-Jamul	272-100-41	Steven Schnieder	9/8/00	Local	Gain	Easement	Yes		0.10
00-042	Shaw BP	Metro-Lakesid e-Jamul Segment	329-131-15	James Shaw	4/28/00	Local	Gain	Easement	No		2.29
00-053	Hayley BP	Metro-Lakesid e-Jamul	396-220-25	Robert Hayley	8/15/00	Local	Gain	Easement	Yes		0.28
00-054	Castello BP	Metro-Lakesid e-Jamul Segment	396-220-44	Castello BP	11/17/00	Local	Gain	Easement	Yes		0.83
00-060	Gonya 1 BP	Metro-Lakesid e-Jamul Segment	402-281-50	Gonya Enterprises	3/13/00	Local	Gain	Easement	No		15.96
00-066	Kaiser BP	Metro-Lakesid e-Jamul Segment	404-231-23	David Kaiser	1/12/00	Local	Gain	Easement	No		2.92
00-117	Jeffers BP	Metro-Lakesid e-Jamul Segment	599-220-85	Joseph Jeffers BP	3/28/00	Local	Gain	Easement	No		6.32

Table 5 Cont.

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
00-135	GTE Sweetwater Park	South County Segment	586-060-12	GTE	5/1/00	Local	Gain	Acquisition	Yes		0.66
00-136	Hollenback Canyon	Metro-Lakesid e-Jamul Segment	600-150-06 600-160-17	Daley Ranch	9/7/00	Local	Gain	Acquisition	Yes		386.38
00-137	Wright's Field	Metro-Lakesid e-Jamul Segment	404-171-09 404-171-10	Wright's Field	7/27/00	Local	Gain	Acquisition	No		81.35
00-138	Lakeside/United Brokers Acquisition	Metro-Lakesid e-Jamul Segment	394-460-15	United Brokers Acquisition	12/27/00	Local	Gain	Acquisition	Yes		8.69
00-139	Vista Sierra Mitigation Site	Metro-Lakesid e-Jamul Segment	517-031-02	Vista Sierra	2/1/00	Local	Gain	Acquisition	Yes		19.23
00-151	TPL/Smith Acquisitions	South County Segment	585-150-11 596-050-20	TPL/Smith	4/28/00	Local	Gain	Acquisition	Yes		165.11
00-152	TPL/Rodiger Acquisition	South County Segment	595-050-21	TPL/Rodiger	7/1/00	Local	Gain	Acquisition	Yes		10.72
00-153	Grant Acquisition	South County Segment and Metro-Lakes	596-010-78 596-024-34	Grant	5/1/00	Local	Gain	Acquisition	Yes		14.25
00-154	Immenschuh Acquisition	Metro-Lakesid e-Jamul Segment	517-030-14 518-040-01 518-040-03 518-040-04 518-040-06 518-050-02	Immenschuh	6/5/00	Local	Gain	Acquisition	Yes		639.90
00-155	Rice Acquisition	South County Segment	585-090-07 585-090-29 585-090-42 585-091-08 585-091-09	Rice	8/1/00	Local	Gain	Acquisition	Yes		258.46

Table 5 Cont.

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
00-156	Blossom Valley Estates OS	Metro-Lakesid e-Jamul Segment	390-061-02 393-030-04	Blossom Valley Estates	8/24/00	Local	Gain	Easement	Yes		407.86
00-158	Boys & Girls Club	Metro-Lakesid e-Jamul Segment	324-030-02 324-050-16 324-051-02 324-060-01 324-060-02 329-040-05	Boys & Girls Club	6/1/00	State	Gain	Acquisition	Yes		1,168.00
00-161	Cielo OS 2000	Lake Hodges Segment		Rancho Cielo	1/1/00	Local	Gain	Easement	Yes		511.35
00-162	Crest/Caldwell Property	Metro-Lakesid e-Jamul Segment	398-090-12	Crest/Caldwell Property	1/1/00	Local	Gain	Easement	Yes		14.20
00-163	2000 Corrections	Metro-Lakesid e-Jamul	517-021-41 517-021-42 517-021-43 517-021-44 517-021-45 517-021-46 517-021-47 517-021-48 517-021-49 517-021-50 517-021-81 517-021-82	none	1/1/00	Local	Gain	Easement	Yes		44.43
00-164	Piper/Shelton	Tijuana River Valley	664-010-54	Piper/Shelton	5/30/00	Local	Gain	Acquisition	No		142.21
00-165	Hollenbeck Canyon Phase 2	Metro-Lakesid e-Jamul Segemnt	600-090-26 600-090-27	Hollenbeck Canyon	11/10/00	Local	Gain	Acquisition	No		254.50

Table 5 Cont.

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
00-166	Santa Fe Views 2000	Lake Hodges Segment	267-142-25 269-100-17	Santa Fe View	3/9/00	Local	Gain	Acquisition	Yes		96.54
0-052	Daniel BP	Metro-Lakesid e-Jamul Segment	396-220-21	John Daniel	7/12/00	Local	Gain	Easement	Yes		0.31
98-54	REI North BP - 2	Metro-Lakesid e-Jamul	404-230-26	REI Inc.	1/1/00	Local	Gain	Easement	No		1.45
98-97	Lomas Piedras-TPM 20170	Metro-Lakesid e-Jamul	596-173-70	Wilburn Wissell	1/1/00	Local	Gain	Easement	No		0.47
<b>Total Acres Conserved/Mitigation Bank Credits:</b>										<b>0</b>	<b>4,337.53</b>

**TABLE 6 – MITIGATION BANKS**

<b>MITIGATION BANK</b>	<b>TOTAL CREDITS</b>	<b>CREDITS USED</b>	<b>REMAINING CREDITS</b>
<b>THE ENVIRONMENTAL TRUST</b>			
LAKE HODGES – WALSH	48.37	14.99	33.38
LAKESIDE CURREN	6.19	6.19	0.00
McGINTY MTN.	355.81	229.78	126.03
O’NEAL CANYON	758.15	476.50	281.65
SAN VICENTE – I	320.00	127.03	192.97
UPHAM VERNAL POOLS	23.00	3.85	19.15
<b>TOTALS</b>	<b>1,511.52</b>	<b>858.34</b>	<b>653.18</b>
<b>COUNTY OF SAN DIEGO</b>			
BODEN CANYON*	39.50	23.50	16.00
RANCHO SAN DIEGO (County Acres)*	409.00	56.80	352.20
SINGING HILLS*	69.70	0.00	69.70
SWEETWATER*	23.00	7.11	15.89
OLD CASTLE (Not in MSCP)*	60.02	16.69	43.33
<b>TOTALS</b>	<b>601.22</b>	<b>104.10</b>	<b>497.12</b>
<b>GRAND TOTALS</b>	<b>2,112.74</b>	<b>926.26</b>	<b>1,186.48</b>
* Approved mitigation bank			

**TABLE 7 – GOVERNMENT PURCHASES**

<b>PROJECT NAME</b>	<b>TOTAL ACRES</b>
<b>FEDERAL AGENCIES</b>	
2000 Acquisitions	912.61
<b>TOTAL Acquisitions</b>	<b>6,035.58</b>
<b>STATE AGENCIES</b>	
2000 Acquisitions	1,168.00
<b>TOTAL Acquisitions</b>	<b>13,768.87</b>
<b>COUNTY</b>	
2000 Acquisitions	921.03
<b>TOTAL Acquisitions</b>	<b>1,448.78</b>

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