

**METHODS AND MATERIALS FOR
RESERVE DESIGN CRITERIA
TEMESCAL CANYON AREA PLAN
(Preliminary Draft – Subject to Change)**

This section describes the methods and materials used for reserve design for the Temescal Canyon Area Plan. The approach primarily is map-based and incorporates available maps and databases, as described below. Anecdotal information from the habitat assessment workshops and communications with the wildlife agencies regarding biological issues, conservation priorities and specific project information are important components of the methodology. The following description of the reserve design methods is intended to provide the reader with the information necessary to understand and independently reconstruct the reserve design process.

➤ **Target Acreages**

As described in *Section 3.1* of this document, as part of the MSHCP planning process, rough conservation acreage estimates were developed. As part of those rough acreage estimates, a target acreage of 510,000 acres was established for conservation within the 1.26 million-acre MSHCP study area comprised of approximately 357,000 acres of existing public/quasi-public lands and 153,000 acres of new conservation on private lands. In conjunction with development of rough acreage estimates, target conservation acreages were also established for Area Plans and cities within the MSHCP study area. For the Temescal Canyon Area Plan, the total target conservation acreage was 32,230 to 32,480 acres, comprised of approximately 24,250 acres of existing public/quasi-public lands and 7,980 to 8,230 acres of new conservation on private lands. The City of Corona is located entirely within the Temescal Canyon Area Plan. A target acreage range within the city of Corona of 1,950 to 2,010 acres was established as part of the rough acreage estimates; the City of Riverside target acreage is included within the 7,980 to 8,230 acre target conservation range on private lands for the entire Temescal Canyon Area Plan. These target acreages were used in development of the criteria-based conservation plan for the Temescal Canyon Area Plan.

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

➤ Identify Preliminary Planning Species

Several wildlife and plant species were identified to provide guidelines for reserve design. Listed species known from the Temescal Canyon Area Plan were the highest priority, with reserve design issues species such as Bell's sage sparrow (requires large patches of undisturbed habitat) and bobcat (wildlife corridors) also as high priority. The following species were chosen to provide reserve design guidance:

- Bell's sage sparrow (requires large patches of undisturbed habitat)
- California gnatcatcher (need to conserve core populations/patches)
- orange-throated whiptail (indicator of high quality sage scrub and chaparral)
- bobcat (wildlife corridors)
- loggerhead shrike (generalist, but declining)
- Cooper's hawk (requires riparian and woodland habitats)
- southwestern willow flycatcher (indicator of mature, dense, riparian woodland)
- least Bell's vireo (indicator of high quality riparian habitat)
- Santa Ana River woolly-star (listed plant species tied to early successional alluvial fan sage scrub)
- many-stemmed dudleya (listed plant species tied to clay soils)
- Santa Ana sucker (federally-listed threatened fish)
- western yellow-billed cuckoo (state-listed endangered)
- Palomar monkeyflower (key population)
- Munz's onion (state- and federally-listed)
- thread-leaved brodiaea (state- and federally-listed)

➤ Identify Key Biological Issues/Areas

Since the MSHCP planning process began in spring of 1999, information regarding biological resources and land planning issues has become available through the species and habitat assessment workshops, the MSHCP sensitive species database, and meetings with the wildlife agencies. The following resource issues, in no particular order of priority, were identified for the Temescal Canyon Area Plan:

TEMESCAL CANYON AREA PLAN
RESERVE DESIGN CRITERIA
(Preliminary Draft – Subject to Change)

1. Conserve meaningful, interconnected representations of the Santa Ana Mountains and Riverside Lowlands bioregions within the Temescal Canyon Area Plan. This Area Plan includes the northern portion of the Santa Ana Mountains bioregion within the MSHCP study area as well as substantial examples of remaining natural habitat within the Riverside Lowlands including Temescal Wash, Prado Basin, La Sierra Hills and upland areas adjacent to Estelle Mountain.
2. Conserve existing wetlands and wetland functions and values in Temescal Wash, Prado Basin and the Santa Ana River with a focus on conservation of existing riparian, woodland, coastal sage scrub, alluvial fan scrub and open water habitats. An objective of no net loss of wetland functions and values associated with Prado Basin and Temescal Wash is identified for this area.
3. Conserve upland habitat adjacent to Temescal Wash to augment existing upland habitat conservation in the Lake Mathews/Estelle Mountain Reserve areas and provide for contiguous connection of upland habitat blocks from the existing reserve to Temescal Wash. Habitat conservation should focus on blocks of existing upland habitat east of Temescal Wash connecting to the Lake Mathews/Estelle Mountain Reserve.
4. Conserve upland habitat in La Sierra Hills, focusing on maintenance of intact habitat block(s) with opportunities for connection to the Lake Mathews/Estelle Mountain Reserve.
5. Conserve existing known populations of least Bell's vireo and southwestern willow flycatcher in the Temescal Area Plan including locations at Prado Basin, the Santa Ana River, and Temescal Wash. Maintain existing breeding habitat for this species at Prado Basin, Santa Ana River and Temescal Wash.
6. Conserve and manage habitat for the benefit of Santa Ana sucker, Santa Ana speckled dace, and arroyo chub in the Temescal Area Plan at Prado Basin and the Santa Ana River, focusing on maintenance of the existing hydrologic regime and maintaining and improving water quality. Maintenance and enhancement of existing wetland and/or open water connections between the Santa Ana River and Temescal Wash may also benefit breeding for these species.

TEMESCAL CANYON AREA PLAN
RESERVE DESIGN CRITERIA
(Preliminary Draft – Subject to Change)

7. Conserve clay soils supporting sensitive plant species known to occur in the Temescal Area Plan including Munz’s onion, Palmer’s grapplinghook, small-flowered morning glory, long-spined spineflower, thread-leaved brodiaea, small-flowered microseris, and many-stemmed dudleya.
8. Conserve floodplain areas supporting sensitive plant species known to occur in the Temescal Area Plan including Parry’s spineflower, peninsular spineflower, smooth tarplant.
9. Conserve sandy soils co-occurring with chaparral supporting Palomar monkeyflower, known to occur in the Temescal Area Plan.
10. Conserve rocky soils co-occurring with coastal sage scrub, peninsular juniper woodland, or chaparral supporting Payson’s jewelflower, known to occur in the Temescal Area Plan.
11. Conserve locations supporting California muhly, heart-leaved pitcher sage and Hall’s monardella and other sensitive plant species that may occur in a wide variety of habitat types within the Temescal Area Plan.
12. Provide for and maintain a continuous linkage along Temescal Wash from the southern boundary of the Temescal Area Plan to the Santa Ana River.
13. Provide for and maintain a robust upland habitat connection from the eastern edge of Temescal Wash to the existing Lake Mathews/Estelle Mountain Reserve.
14. Provide for and maintain an upland habitat connection from La Sierra Hills to the Lake Mathews/Estelle Mountain Reserve.
15. Provide for and maintain connection(s) from the Cleveland National Forest to Prado Basin and the Santa Ana River within the Temescal Area Plan, providing opportunities for offsite connections to Chino Hills State Park.

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

➤ Identify General Reserve Configuration and Management Issues

The NCCP biological tenets for reserve design and other general design considerations also were incorporated:

1. Representativeness of Riverside Lowlands bioregion.
2. Representativeness of other habitats in subarea plan area.
3. Habitat contiguity
4. Large habitat blocks
5. Minimize edge effects
6. Consideration of “directional” influences such as migration/dispersal patterns, rain, wind, fire (Habitat Assessment Workshop)
7. Special microhabitats (Habitat Assessment Workshop)
8. Minimum 1.5 mile dispersal patches for gnatcatchers (Habitat Assessment Workshop)
9. Patch sizes supporting 5-10 pairs of gnatcatchers is important (Habitat Assessment Workshop)
10. Ridgelines and riparian areas for movement of bobcats and mountain lions (Habitat Assessment Workshop)
11. Maintain buffers of at least 300 feet adjacent to riparian and wetland areas.

➤ Map Resources

The following map resources were used in the design of the hardline reserve:

- Vegetation Map (3,000-scale)
- Selected planning species (3000-scale)

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

- Open Space, Trails and Critical Circulation Study (includes SP areas, roads and parcels)
- CSS Habitat Quality Map (3,000 scale)
- Conceptual conservation scenario (3,000 scale acetate)
- Land use plan (3,000 scale)
- DOQQs
- Parcel Map (3,000 scale acetate)
- Existing reserves, conservation banks, BLM lands, other public lands (3,000 scale acetate)
- Soils Map (Knecht 1971)
- Edge area map

➤ Methods

Drawing the hardline reserve generally involved the following steps:

- Compile map/data sources
- Compile area plan biological issues based on preliminary mapping, criteria analyses, pers. communications with agencies
- Rough sketch of reserve boundaries based on map data combined with identified key biological issues, without reserves, etc.
 - Refine map based on other constraints and opportunities (still to be completed)
 - existing and planned land uses
 - parcel maps
 - existing conserved habitat
 - minimization of edge habitat

Following drawing of the conceptual hardline reserve, the reserve within the plan area was overlain with USGS quarter sections (*i.e.*, 160-acre cells) and a spreadsheet matrix was created that included an arbitrary quadrat cell identification number, USGS section, USGS quarter section, and township and range such that each cell is an area in real space with a legal description, but without being tied to a specific county assessors legal parcel. Reserve criteria

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

were written for each cell that provide an explicit description for conservation within each quarter section cell that would allow one to generally re-create the hardline reserve. For example, a criterion for a cell might be “conserve coastal sage scrub in north one-half of cell to provide uninterrupted habitat connections to cells to west, north and east.” The criteria are written with the intent that the “naive observer” could re-create the reserve system.

➤ Results

As described under Methods, the conceptual hardline reserve assembled for the Temescal Canyon Area Plan for analysis purposes was overlain with USGS quarter section cells and cell groupings. A map display was prepared depicting the cells and cell groupings as depicted in Figure 2. Criteria were written for each cell or cell grouping to describe the anticipated conservation within each cell or cell grouping based on the conceptual hardline reserve. The criteria statements first describe the geographic configuration of a fraction of percent of a cell grouping anticipated to be conserved. A brief statement of the biological resources toward which conservation efforts in the particular cell or cell grouping should be directed is also provided. The criteria matrix for the Temescal Canyon Area Plan is presented in Table 2. As noted in the footnote to the criteria matrix presented in Table 2, the criteria are based on the existing MSHCP vegetation map. It is understood that biological conditions are dynamic and will change. In cases where the vegetation description does not match existing conditions at the time of reserve assembly, the generalized geographic descriptions for each cell should take precedence to ensure that the overall reserve ultimately assembled conforms with the target acreage and generalized configuration analyzed in the MSHCP.

To further guide long-term reserve assembly and monitoring efforts, the Temescal Canyon Area Plan was divided into six subunits. Subunit boundaries are depicted on the cells and cell groupings map display (Figure 2). For each subunit, target conservation acreages have been established along with a description of the general conservation objectives for each subunit. The general conservation objectives are based on the planning species and biological issues for the Temescal Canyon Area Plan presented in the Methods section. Target acreages and conservation objectives for the subunits within the Temescal Canyon Area Plan are presented below.

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

Subunit 1: Santa Ana River West

Target acreage range for new conservation
on private lands within subunit: 60-70

Cells and cell groups included within subunit: 1603, 1699, 1807, 1809, 1810

Conservation objectives within subunit:

- Key planning species within this subunit include: southwestern willow flycatcher, least Bell’s vireo, Santa Ana River woolly-star, Santa Ana sucker

- Important biological issues within this subunit include:
 - Conserve existing wetlands and wetland functions and values in Temescal Wash, Prado Basin and the Santa Ana River with a focus on conservation of existing riparian, woodland, coastal sage scrub, alluvial fan scrub and open water habitats. An objective of no net loss of wetland functions and values associated with Prado Basin and Temescal Wash is identified for this area.
 - Conserve existing known populations of least Bell’s vireo and southwestern willow flycatcher in the Temescal Area Plan including locations at Prado Basin, the Santa Ana River, and Temescal Wash. Maintain existing breeding habitat for this species at Prado Basin, Santa Ana River and Temescal Wash.
 - Conserve and manage habitat for the benefit of Santa Ana sucker, Santa Ana speckled dace, and arroyo chub in the Temescal Area Plan at Prado Basin and the Santa Ana River, focusing on maintenance of the existing hydrologic regime and maintaining and improving water quality. Maintenance and enhancement of existing wetland and/or open water connections between the Santa Ana River and Temescal Wash may also benefit breeding for these species.

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

Subunit 2: Santa Ana River to Santa Ana Mountains Linkage

Target acreage range for new conservation
on private lands within subunit:

450-470

Cells and cell groups included within subunit:

1702, 1704, 1706, 1811, 1812, 1813,
1896, 1898, 1900, 1902

Conservation objectives within subunit:

- Key planning species within this subunit include Bell’s sage sparrow, California gnatcatcher, orange-throated whiptail, bobcat, loggerhead shrike, southwestern willow flycatcher, least Bell’s vireo, Palomar monkeyflower

- Important biological issue within this subunit includes:
 - Conserve meaningful, interconnected representations of the Santa Ana Mountains and Riverside Lowlands bioregions within the Temescal Canyon Area Plan. This Area Plan includes the northern portion of the Santa Ana Mountains bioregion within the MSHCP study area as well as substantial examples of remaining natural habitat within the Riverside Lowlands including Temescal Wash, Prado Basin, La Sierra Hills and upland areas adjacent to Estelle Mountain.
 - Conserve clay soils supporting sensitive plant species known to occur in the Temescal Area Plan including Munz’s onion, Palmer’s grapplinghook, small-flowered morning glory, long-spined spineflower, thread-leaved brodiaea, small-flowered microseris, and many-stemmed dudleya.
 - Conserve sandy soils co-occurring with chaparral supporting Palomar monkeyflower, known to occur in the Temescal Area Plan.
 - Conserve rocky soils co-occurring with coastal sage scrub, peninsular juniper woodland, or chaparral supporting Payson’s jewelflower, known to occur in the Temescal Area Plan.
 - Conserve locations supporting California muhly, heart-leaved pitcher sage and Hall’s monardella and other sensitive plant species that may occur in a wide variety of habitat types within the Temescal Area Plan.

TEMESCAL CANYON AREA PLAN
RESERVE DESIGN CRITERIA
(Preliminary Draft – Subject to Change)

- Provide for and maintain connection(s) from the Cleveland National Forest to Prado Basin and the Santa Ana River within the Temescal Area Plan, providing opportunities for offsite connections to Chino Hills State Park.

Subunit 3: Prado Basin

Target acreage range for new conservation
on private lands within subunit: 2,310-2,380

Cells and cell groups included within subunit: A, B, 1142, 1143, 1146, 1148, 1237, 1238, 1240, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1521, 1522, 1523, 1524, 1525, 1528, 1529, 1530, 1531, 1604, 1612, 1616, 1619, 1627, 1628, 1724, 1725, 1824, 1825

Conservation objectives within subunit:

- Key planning species within this subunit include: Santa Ana sucker, western yellow-billed cuckoo, southwestern willow flycatcher, Cooper’s hawk, bobcat
- Important biological issues within this subunit include:
 - Conserve meaningful, interconnected representations of the Santa Ana Mountains and Riverside Lowlands bioregions within the Temescal Canyon Area Plan. This Area Plan includes the northern portion of the Santa Ana Mountains bioregion within the MSHCP study area as well as substantial examples of remaining natural habitat within the Riverside Lowlands including Temescal Wash, Prado Basin, La Sierra Hills and upland areas adjacent to Estelle Mountain.
 - Conserve existing wetlands and wetland functions and values in Temescal Wash, Prado Basin and the Santa Ana River with a focus on conservation of existing riparian, woodland, coastal sage scrub, alluvial fan scrub and open water habitats. An objective of no net loss of

TEMESCAL CANYON AREA PLAN
RESERVE DESIGN CRITERIA
(Preliminary Draft – Subject to Change)

wetland functions and values associated with Prado Basin and Temescal Wash is identified for this area.

- Conserve existing known populations of least Bell’s vireo and southwestern willow flycatcher in the Temescal Area Plan including locations at Prado Basin, the Santa Ana River, and Temescal Wash. Maintain existing breeding habitat for this species at Prado Basin, Santa Ana River and Temescal Wash.
- Conserve and manage habitat for the benefit of Santa Ana sucker, Santa Ana speckled dace, and arroyo chub in the Temescal Area Plan at Prado Basin and the Santa Ana River, focusing on maintenance of the existing hydrologic regime and maintaining and improving water quality. Maintenance and enhancement of existing wetland and/or open water connections between the Santa Ana River and Temescal Wash may also benefit breeding for these species.
- Provide for and maintain connection(s) from the Cleveland National Forest to Prado Basin and the Santa Ana River within the Temescal Area Plan, providing opportunities for offsite connections to Chino Hills State Park.

Subunit 4: Sierra Hills/Lake Mathews West

Target acreage range for new conservation
on private lands within subunit: 870-900

Cells and cell groups included within subunit: C, 1635, 1730, 1731, 1829, 1832,
1833, 1925, 1926, 1927, 1930, 2020,
2024, 2025, 2117, 2118, 2119, 2211,
2307, 2308

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

Conservation objectives within subunit:

- Key planning species within this subunit include Bell’s sage sparrow, California gnatcatcher, orange-throated whiptail, bobcat, loggerhead shrike, Cooper’s hawk

- Important biological issues within this subunit include:
 - Conserve meaningful, interconnected representations of the Santa Ana Mountains and Riverside Lowlands bioregions within the Temescal Canyon Area Plan. This Area Plan includes the northern portion of the Santa Ana Mountains bioregion within the MSHCP study area as well as substantial examples of remaining natural habitat within the Riverside Lowlands including Temescal Wash, Prado Basin, La Sierra Hills and upland areas adjacent to Estelle Mountain.
 - Conserve upland habitat in La Sierra Hills, focusing on maintenance of intact habitat block(s) with opportunities for connection to the Lake Mathews/Estelle Mountain Reserve.
 - Conserve clay soils supporting sensitive plant species known to occur in the Temescal Area Plan including Munz’s onion, Palmer’s grapplinghook, small-flowered morning glory, long-spined spineflower, thread-leaved brodiaea, small-flowered microseris, and many-stemmed dudleya.
 - Conserve floodplain areas supporting sensitive plant species known to occur in the Temescal Area Plan including Parry’s spineflower, peninsular spineflower, smooth tarplant.
 - Provide for and maintain a robust upland habitat connection from the eastern edge of Temescal Wash to the existing Lake Mathews/Estelle Mountain Reserve.
 - Provide for and maintain an upland habitat connection from La Sierra Hills to the Lake Mathews/Estelle Mountain Reserve.

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

Subunit 5: Temescal Wash West

Target acreage range for new conservation
on private lands within subunit:

4,200-4,330

Cells and cell groups included within subunit:

D, E, F, G, H, I, J, K, L, M, N, 1826,
1923, 1924, 2018, 2019, 2113, 2114,
2115, 2206, 2208, 2304, 2306

Conservation objectives within subunit:

- Key planning species within this subunit include bobcat, California gnatcatcher, orange-throated whiptail, least Bell's vireo, cactus wren, southwestern willow flycatcher, Cooper's hawk, Stephens' kangaroo rat, granite spiny lizard, long-spined spineflower, many stemmed dudleya

- Important biological issues within this subunit include:
 - Conserve meaningful, interconnected representations of the Santa Ana Mountains and Riverside Lowlands bioregions within the Temescal Canyon Area Plan. This Area Plan includes the northern portion of the Santa Ana Mountains bioregion within the MSHCP study area as well as substantial examples of remaining natural habitat within the Riverside Lowlands including Temescal Wash, Prado Basin, La Sierra Hills and upland areas adjacent to Estelle Mountain.
 - Conserve existing wetlands and wetland functions and values in Temescal Wash, Prado Basin and the Santa Ana River with a focus on conservation of existing riparian, woodland, coastal sage scrub, alluvial fan scrub and open water habitats. An objective of no net loss of wetland functions and values associated with Prado Basin and Temescal Wash is identified for this area.
 - Conserve upland habitat adjacent to Temescal Wash to augment existing upland habitat conservation in the Lake Mathews/Estelle Mountain Reserve areas and provide for contiguous connection of

TEMESCAL CANYON AREA PLAN

RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

upland habitat blocks from the existing reserve to Temescal Wash. Habitat conservation should focus on blocks of existing upland habitat east of Temescal Wash connecting to the Lake Mathews/Estelle Mountain Reserve.

- Conserve existing known populations of least Bell's vireo and southwestern willow flycatcher in the Temescal Area Plan including locations at Prado Basin, the Santa Ana River, and Temescal Wash. Maintain existing breeding habitat for this species at Prado Basin, Santa Ana River and Temescal Wash.
- Conserve clay soils supporting sensitive plant species known to occur in the Temescal Area Plan including Munz's onion, Palmer's grapplinghook, small-flowered morning glory, long-spined spineflower, thread-leaved brodiaea, small-flowered microseris, and many-stemmed dudleya.
- Conserve floodplain areas supporting sensitive plant species known to occur in the Temescal Area Plan including Parry's spineflower, peninsular spineflower, smooth tarplant.
- Conserve rocky soils co-occurring with coastal sage scrub, peninsular juniper woodland, or chaparral supporting Payson's jewelflower, known to occur in the Temescal Area Plan.
- Conserve locations supporting California muhly, heart-leaved pitcher sage and Hall's monardella and other sensitive plant species that may occur in a wide variety of habitat types within the Temescal Area Plan.
- Provide for and maintain a continuous linkage along Temescal Wash from the southern boundary of the Temescal Area Plan to the Santa Ana River.
- Provide for and maintain a robust upland habitat connection from the eastern edge of Temescal Wash to the existing Lake Mathews/Estelle Mountain Reserve.

TEMESCAL CANYON AREA PLAN
RESERVE DESIGN CRITERIA
(Preliminary Draft – Subject to Change)

Subunit 6: Temescal to Santa Ana Mountains Linkage

Target acreage range for new conservation
on private lands within subunit:

70-80

Cells and cell groups included within subunit:

3447, 3448, 3545, 3546

Conservation objectives within subunit:

- Key planning species within this subunit include bobcat, California gnatcatcher, orange-throated whiptail, Bell’s sage sparrow, loggerhead shrike

- Important biological issues within this subunit include:
 - Conserve meaningful, interconnected representations of the Santa Ana Mountains and Riverside Lowlands bioregions within the Temescal Canyon Area Plan. This Area Plan includes the northern portion of the Santa Ana Mountains bioregion within the MSHCP study area as well as substantial examples of remaining natural habitat within the Riverside Lowlands including Temescal Wash, Prado Basin, La Sierra Hills and upland areas adjacent to Estelle Mountain.
 - Provide for upland linkage from Temescal Wash Santa Ana Mountains.
 - Conserve clay soils supporting sensitive plant species known to occur in the Temescal Area Plan including Munz’s onion, Palmer’s grapplinghook, small-flowered morning glory, long-spined spineflower, thread-leaved brodiaea, small-flowered microseris, and many-stemmed dudleya.
 - Conserve locations supporting California muhly, heart-leaved pitcher sage and Hall’s monardella and other sensitive plant species that may occur in a wide variety of habitat types within the Temescal Area Plan.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
A	1141	T3S-R7W	07	SE	Conserve the north one-half and the southeastern one-third of the cell grouping. Focus conservation on riparian scrub, woodland, and forest habitat in order to provide connectivity with Chino Hills to the west and public lands in surrounding cells.
	1236	T3S-R7W	18	NE	
	1142	T3S-R7W	08	SW	Conserve the west one-quarter of cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to provide connectivity with cell #1141 to the west.
	1143	T3S-R7W	08	SE	Conserve the southwestern 1% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in the cell in order to provide connectivity with habitat in cells to the south and west.
	1146	T3S-R7W	10	SE	Conserve the southeast one-quarter of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to provide connection with public lands in remainder of cell.
	1237	T3S-R7W	17	NW	Conserve the north one-half of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to provide connectivity with Cell Group A to the west and surrounding public lands.
	1238	T3S-R7W	17	NE	Conserve the northwest 1% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to provide connectivity with surrounding public lands and cell #1237 to the west.
	1331	T3S-R7W	18	SE	Conserve the south one-half and northwestern one-quarter of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in the cell in order to maintain habitat connectivity with Chino Hills to the west and public lands to the north.
	1332	T3S-R7W	17	SW	Conserve the central 80% of the cell, with conservation directed toward the central and southwestern portions of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to provide connectivity with cell #1331 to the west, Cell Group B to the south, and surrounding public lands to the north and east.
	1333	T3S-R7W	17	SE	Conserve the northwestern 5% and the southeastern 5% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to maintain connectivity with cell #1332 to the west, #1428 to the south, and surrounding public lands.
	1334	T3S-R7W	16	SW	Conserve the south one-third of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to maintain connectivity with habitat in surrounding cells.
	1335	T3S-R7W	16	SE	Conserve the southwest one-third and the southeast 10% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat along the Santa Ana River in addition to grassland, as per the limits of the Prado Flood Control Basin.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
	1336	T3S-R7W	15	SW	Conserve the south one-half of the cell. Focus conservation on grassland habitat and riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin.
	1337	T3S-R7W	15	SE	Conserve the south one-half of the cell. Focus conservation on grassland habitat and riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin.
	1338	T3S-R7W	14	SW	Conserve the west-central one-third of the cell. Focus conservation on riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin.
B	1426	T3S-R7W	19	NE	Conserve 80% of the cell grouping, with conservation directed to the western area of the grouping. Focus conservation on: (1) riparian scrub, woodland, and forest habitat in order to provide connectivity with Chino Hills to the west, and (2) grassland habitat in the southern area of the cell grouping, in order to provide habitat connectivity with the Santa Ana River and Chino Hills State Park to the south.
	1427	T3S-R7W	20	NW	
	1520	T3S-R7W	19	SE	
	1428	T3S-R7W	20	NE	Conserve the southeast 80% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin, in order to provide connectivity with habitat in surrounding cells.
	1429	T3S-R7W	21	NW	Conserve the west one-half of the cell. Focus conservation on riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin, in order to provide connectivity with habitat in surrounding cells.
	1430	T3S-R7W	21	NE	Conserve the northeast 80% of the cell. Focus conservation on grassland and riparian scrub, woodland, and forest habitat in the cell, as per the limits of the Prado Flood Control Basin, in order to provide connectivity with habitat in surrounding cells.
	1431	T3S-R7W	22	NW	Conserve the north 60% and the southwest 5% of the cell. Focus conservation on grassland and riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin, in order to provide connectivity with habitat in surrounding cells.
	1432	T3S-R7W	22	NE	Conserve the north one-half of the cell. Focus conservation on riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin, in order to provide connectivity with habitat in surrounding cells.
	1433	T3S-R7W	23	NW	Conserve the central three-quarters of the cell, with conservation extended toward the northwest and southwest regions of the cell. Focus conservation on grassland and riparian scrub, woodland, and forest habitat in Temescal Creek plus adjacent upland habitat, as per the limits of the Prado Flood Control Basin.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
	1434	T3S-R7W	23	NE	Conserve the southwest one-quarter of the cell. Focus conservation on alluvial fan sage scrub, grassland, and riparian scrub, woodland, and forest habitat along Temescal Creek, as per the limits of the Prado Flood Control Basin.
	1521	T3S-R7W	20	SW	Conserve the western two-thirds and northeastern one-quarter of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in cell in order to provide habitat connectivity with surrounding cells.
	1522	T3S-R7W	20	SE	Conserve the northern one-quarter and southern one-half of the cell. Focus conservation on grassland and riparian scrub, woodland, and forest habitat in cell in order to provide habitat connectivity with surrounding cells.
	1523	T3S-R7W	21	SW	Conserve the west one-half of the cell. Focus conservation on riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin, in order to provide connectivity with habitat in surrounding cells.
	1524	T3S-R7W	21	SE	Conserve the northeast 20% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat as per the limits of the Prado Flood Control Basin, in order to provide connectivity with habitat in surrounding cells.
	1525	T3S-R7W	22	SW	Conserve the north 10% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat in order to maintain habitat connectivity with cell #1525 to the west and cell #1431 to the north.
	1528	T3S-R7W	23	SE	Conserve the northeastern one-quarter of the cell. Focus conservation on grassland habitat adjacent to Temescal Wash.
	1529	T3S-R7W	24	SW	Conserve the northwestern one-quarter of the cell. Focus conservation on habitat adjacent to Temescal Wash.
	1530	T3S-R7W	24	SE	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1531	T3S-R6W	19	SW	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1627	T3S-R7W	25	NE	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1628	T3S-R6W	30	NW	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1724	T3S-R6W	30	SW	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1725	T3S-R6W	30	SE	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
					maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1824	T3S-R6W	31	NE	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1825	T3S-R6W	32	NW	Maintain existing flood control improvements along Temescal Creek/Wash. Focus conservation on reducing barriers in the channel and maintaining linkage from Sierra Hills area to Santa Ana River/Prado Basin.
	1603	T3S-R8W	25	NE	Conserve the southeast one-third of the cell. Focus conservation on riparian scrub, woodland, and forest habitat along the Santa Ana River plus adjacent upland habitat in order to provide robust connection to the Chino Hills State Park to the north, west, and east.
	1604	T3S-R7W	30	NW	Conserve west-central 1% of cell. Focus conservation on riparian scrub, woodland, and forest along the Santa Ana River in order to provide connection to public lands in remainder of cell and to the northwest.
	1612	T3S-R7W	30	NE	Conserve the southeastern one-third and southwestern 5% of the cell. Focus conservation on grassland, meadow/marsh habitat, and riparian scrub, woodland, and forest along and adjacent to the Santa Ana River in order to connect to Fresno Canyon Creek to the southeast.
	1616	T3S-R7W	29	NW	Conserve the western one-quarter and northern one-half of cell. Focus conservation on grassland, meadow/marsh habitat, and riparian scrub, woodland, and forest along and adjacent to the Santa Ana River in order to connect to Fresno Canyon Creek to the south.
	1619	T3S-R7W	29	NE	Conserve the northwestern one-quarter of the cell. Focus conservation on meadow/marsh and grassland habitat adjacent to Santa Ana River.
	1699	T3S-R8W	25	SE	Conserve the central one-third of the cell. Focus conservation on riparian scrub, woodland, and forest habitat along the Santa Ana River plus adjacent upland habitat in order to provide robust connection south from cell #1810 north to cell #1603.
	1702	T3S-R7W	30	SW	Conserve the northeastern 10% and southeastern one-quarter of the cell. Focus conservation on sage scrub and chaparral in cell in order to provide connection from Santa Ana River area to the north to Cleveland National Forest land to the south.
	1704	T3S-R7W	30	SE	Conserve the southwest 5% of cell. Focus conservation on sage scrub in cell in order to contribute to connection from Santa Ana River area to the north to Cleveland National Forest land to the south.
	1706	T3S-R7W	29	SW	Conserve the west one-half of the cell. Focus conservation on grassland and riparian scrub, woodland, and forest habitat along and adjacent to Fresno Canyon Creek.
	1730	T3S-R6W	27	SW	Conserve the the south-central 20% and northeast 5% of the cell. Focus conservation on sage scrub in cell in order to provide robust connection to cell #1731 to the east and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
	1807	T3S-R8W	25	NE	Conserve the southern one-half of the cell. Focus conservation on chaparral and habitat adjacent to Santa Ana River in order to provide a robust connection to surrounding cells.
	1809	T3S-R8W	36	NW	Conserve the northwestern 80% of the cell. Focus conservation on chaparral adjacent to the Santa Ana River in order to maintain robust connection to habitat to the south and west and to the Santa Ana River.
	1810	T3S-R8W	36	NE	Conserve the northwestern 20% of the cell. Focus conservation on riparian scrub, woodland, and forest habitat along the Santa Ana River plus adjacent upland habitat in order to provide robust connection to cell #1809 to the west and cell #1699 to the north.
	1811	T3S-R7W	31	NW	Conserve the eastern one-half of the cell. Focus conservation on sage scrub and chaparral in cell in order to provide connection from Santa Ana River area to the north to Cleveland National Forest land to the south.
	1812	T3S-R7W	31	NE	Conserve the southwestern one-third of the cell. Focus conservation on sage scrub and chaparral in cell in order to provide connection from Santa Ana River area to the north to Cleveland National Forest land to the south.
	1813	T3S-R7W	32	NW	Conserve the eastern 60% of the cell. Focus conservation on sage scrub and riparian scrub, woodland, and forest habitat along and adjacent to Fresno Canyon Creek.
	1826	T3S-R6W	32	NE	Conserve the southern one-third of the cell. Focus conservation on habitat within and adjacent to Temescal Wash.
	1829	T3S-R6W	34	NW	Conserve the eastern one-third of the cell. Focus conservation on grassland, sage scrub, and riparian scrub, woodland, and forest habitat in the cell in order to provide connectivity with cells #1730 to the north and #1926 to the south and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
C	1830	T3S-R6W	34	NE	Conserve the west 60% of the cell grouping. Focus conservation on grassland, sage scrub, and riparian scrub, woodland, and forest habitat in the cell in order to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	1831	T3S-R6W	35	NW	
	1832	T3S-R6W	35	NE	Conserve the southeastern 10% of the cell. Focus conservation on sage scrub in order to contribute to Sierra Hills/Lake Mathews Core Habitat Block.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
	1833	T3S-R6W	36	NW	Conserve the southwestern 2% of the cell. Focus conservation on sage scrub in order to provide connectivity with cell #1832 to the west and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	1896	T3S-R7W	31	SW	Conserve the northeastern one-quarter of the cell. Focus conservation on sage scrub and chaparral in cell in order to contribute to connection from Santa Ana River area to the north to Cleveland National Forest land to the south.
	1898	T3S-R7W	31	SE	Conserve the the northern one-half and the eastern one-third of the cell. Focus conservation on sage scrub and chaparral in cell in order to provide connection from Santa Ana River area to the north to Cleveland National Forest land to the south.
	1900	T3S-R7W	32	SW	Conserve southwest 5% and eastern one-half of the cell. In the eastern section of the cell, focus conservation on sage scrub and riparian scrub, woodland, and forest habitat along and adjacent to Fresno Canyon Creek. In the western portion of the cell, focus conservation on chaparral in order to maintain robust connection from Santa Ana River to the north to the Cleveland National Forest to the south.
	1902	T3S-R7W	32	SE	Conserve the southwest 10% and west 5% of the cell. Focus conservation on chaparral and sage scrub habitat along and adjacent to Fresno Canyon Creek.
	1923	T3S-R6W	32	SE	Conserve the north one-half of the cell. Focus conservation on riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	1924	T3S-R6W	33	SW	Conserve the west one-third of the cell. Focus conservation on riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	1925	T3S-R6W	33	SE	Conserve the southeast one-third of the cell. Focus conservation on sage scrub habitat in order to maintain connectivity with surrounding cells and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	1926	T3S-R6W	34	SW	Conserve 80% of the cell, with conservation directed toward the central, northeast, and southwest regions of the cell. Focus conservation on sage scrub and grassland habitat in order to maintain connectivity with surrounding cells and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	1927	T3S-R6W	34	SE	Conserve the northwest one-half of the cell. Focus conservation on sage scrub habitat in order to maintain connectivity with surrounding cells and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	1930	T3S-R6W	36	SW	Conserve the northern one-half of the cell. Focus conservation on sage scrub and grassland habitat in order to maintain connectivity with surrounding cells and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
	2018	T4S-R6W	05	NE	Conserve the east one-half of the cell. Focus conservation on sage scrub and riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	2019	T4S-R6W	04	NW	Conserve the south 10% and the northeastern 20% of the cell. Focus conservation on riparian forest, woodland, and scrub within and adjacent to Temescal Wash in addition to sage scrub in the northeast corner of cell in order to contribute to Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block, respectively.
	2020	T4S-R6W	04	NE	Conserve northern one-half of cell. Focus conservation on sage scrub and grassland habitat in order to maintain connectivity with surrounding cells and to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	2113	T4S-R6W	05	SE	Conserve the northeastern 5% of the cell. Focus conservation on sage scrub and riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	2114	T4S-R6W	04	SW	Conserve the northern 20% and the eastern one-third of cell. Focus conservation on sage scrub and riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	2115	T4S-R6W	04	SE	Conserve the southwest 1% of cell. Focus conservation on riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	2117	T4S-R6W	03	SE	Conserve the eastern one-half of the cell. Focus conservation on grassland and sage scrub in cell plus riparian scrub, woodland, and forest along and adjacent to unnamed drainage in cell, in order to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	2206	T4S-R6W	09	NW	Conserve the eastern one-half of cell. Focus conservation on sage scrub and riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	2208	T4S-R6W	09	NE	Conserve the western 5% of the cell. Focus conservation on grassland and other habitat adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.
	2211	T4S-R6W	10	NE	Conserve the eastern two-thirds of the cell. Focus conservation on grassland and sage scrub in cell plus riparian scrub, woodland, and forest along and adjacent to unnamed drainage in cell, in order to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	2304	T4S-R6W	09	SW	Conserve the eastern one-third of cell. Focus conservation on sage scrub and riparian forest, woodland, and scrub within and adjacent to Temescal Wash, in order to contribute to Temescal Wash Linkage Area.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
	2306	T4S-R6W	09	SE	Conserve the southwestern three-quarters of the cell. Focus conservation on grassland and sage scrub in cell plus riparian scrub, woodland, and forest along and adjacent to unnamed drainage in cell, in order to contribute to Temescal Wash Linkage Area.
	2307	T4S-R6W	10	SW	Conserve the southern one-quarter of the cell. Focus conservation on grassland and sage scrub in cell plus riparian scrub, woodland, and forest along and adjacent to Cajalco Canyon, in order to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
	2308	T4S-R6W	10	SE	Conserve the southeastern 80% of the cell. Focus conservation on grassland and sage scrub in cell plus riparian scrub, woodland, and forest along and adjacent to Cajalco Canyon and other unnamed drainage in cell, in order to contribute to Sierra Hills/Lake Mathews Core Habitat Block.
D	2400	T4S-R6W	16	NW	Conserve the eastern 80% of the cell grouping. Focus conservation on: (1) Riparian scrub, woodland, and forest habitat along and adjacent to Joseph Wash, Cajalco Canyon and other unnamed drainage, (2) the remainder of the sage scrub and grassland habitat in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	2402	T4S-R6W	16	NE	
	2403	T4S-R6W	15	NW	
	2404	T4S-R6W	15	NE	
E	2506	T4S-R6W	16	SE	Conserve the eastern 75% of the cell grouping. Focus conservation on: (1) Riparian scrub, woodland, and forest habitat along and adjacent Temescal Wash, (2) the remainder of the sage scrub and grassland habitat in the cell grouping, and (3) alluvial fan sage scrub along Bedford Wash and Temescal Wash. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	2507	T4S-R6W	15	SW	
	2508	T4S-R6W	16	SW	
	2509	T4S-R6W	15	SE	

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
F	2609	T4S-R6W	21	NE	Conserve the eastern 75% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash, and (2) the remainder of the sage scrub and grassland habitat in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	2610	T4S-R6W	22	NW	
G	2720	T4S-R6W	22	SE	Conserve the eastern 80% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash, (2) Riparian scrub, woodland, and forest habitat along and adjacent to Olsen Canyon, and (3) the remainder of the sage scrub, chaparral, and grassland habitat in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	2723	T4S-R6W	22	SW	
H	2827	T4S-R6W	27	NW	Conserve the eastern 60% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash, and (2) the remainder of the sage scrub, chaparral, grassland, and riparian scrub, woodland, and forest habitat in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	2828	T4S-R6W	27	NE	
I	2829	T4S-R6W	26	NW	Conserve the western 60% and the southeastern 10% of the cell grouping. Focus conservation on sage scrub, chaparral, and grassland habitat in the cell grouping in order to contribute to habitat connectivity with Sierra Hills/Lake Mathews Core Habitat Block to the east.
	2830	T4S-R6W	26	NE	
J	2931	T4S-R6W	27	SE	Conserve the eastern 80% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash, and (2) the remainder of the sage scrub, chaparral, grassland, and riparian scrub, woodland, and forest habitat in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	2932	T4S-R6W	26	SW	
	2933	T4S-R6W	27	SW	
	2934	T4S-R6W	26	SE	

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
K	3035	T4S-R6W	34	NE	Conserve the eastern and northern 80% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash and Dawson Canyon, (2) riparian scrub, woodland, and forest habitat along Temescal Wash, and (3) the remainder of the sage scrub, chaparral, and grassland in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	3036	T4S-R6W	35	NW	
	3037	T4S-R6W	36	NE	
	3039	T4S-R6W	35	NE	
	3041	T4S-R6W	36	NW	
L	3142	T4S-R6W	35	SE	Conserve the eastern 80% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash, (2) riparian scrub, woodland, and forest habitat along Temescal Wash, and (3) the remainder of the sage scrub and chaparral in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	3143	T4S-R6W	36	SW	
	3144	T4S-R6W	36	SE	
M	3245	T5S-R6W	02	NE	Conserve the eastern 75% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash, (2) riparian scrub, woodland, and forest habitat along Temescal Wash and other unnamed drainage in the cell grouping, and (3) the remainder of the sage scrub, chaparral, and grassland in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	3246	T5S-R6W	01	NW	
	3248	T5S-R6W	01	NE	

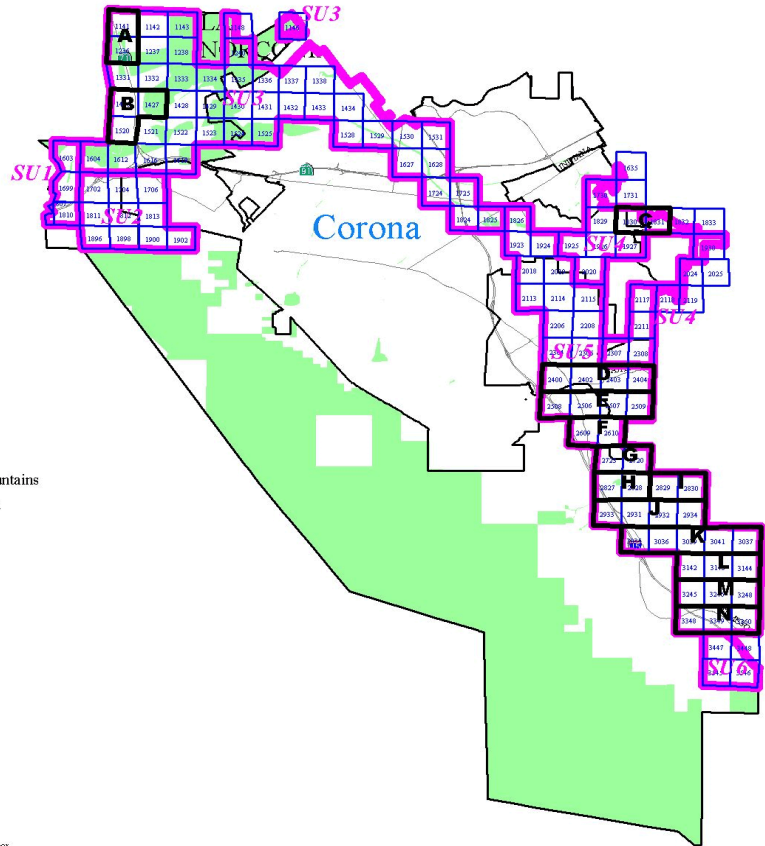
TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)

CELL GROUP	QUARTER NUMBER	TOWNSHIP/RANGE	USGS SECTION	QUARTER SECTION	CRITERIA
N	3348	T5S-R6W	02	SE	Conserve the northeastern 75% of the cell grouping. Focus conservation on: (1) alluvial fan sage scrub along Temescal Wash, (2) riparian scrub, woodland, and forest habitat along Temescal Wash and other unnamed drainage in the cell grouping, and (3) the remainder of the sage scrub, chaparral, grassland, and woodland/forest in the cell grouping. Focus conservation in these areas in order to contribute to habitat connectivity with Temescal Wash Linkage Area and Sierra Hills/Lake Mathews Core Habitat Block to the east.
	3349	T5S-R6W	01	SW	
	3350	T5S-R6W	01	SE	
	3447	T5S-R6W	12	NW	Conserve the southeastern 5% of the cell. Focus conservation on sage scrub in order to contribute to linkage from Temescal Canyon across/under I-15 to public land to the south.
	3448	T5S-R6W	12	NE	Conserve the southwestern one-quarter of the cell. Focus conservation on sage scrub and grassland in order to contribute to linkage from Temescal Canyon across/under I-15 to public land to the south.
	3545	T5S-R6W	12	SW	Conserve the eastern one-quarter of the cell. Focus conservation on sage scrub and grassland in order to contribute to linkage from Temescal Canyon across/under I-15 to public land to the south.
	3546	T5S-R6W	12	SE	Conserve the northwestern one-half of the cell. Focus conservation on sage scrub, grassland, and woodland/forest habitat in order to contribute to linkage from Temescal Canyon across/under I-15 to public land to the south.

TEMESCAL CANYON AREA PLAN RESERVE DESIGN CRITERIA

(Preliminary Draft – Subject to Change)



- Area Plan Subunit
- SU1 = Santa Ana River West
- SU2 = Santa Ana River/Santa Ana Mountains
- SU3 = Prado Basin
- SU4 = Sierra Hills/Lake Mathews West
- SU5 = Temescal Wash West
- SU6 = Temescal/Santa Ana Mountains

- Quarter Section With Unique ID
- A Cell Group with Identifier
- Public/Quasi-Public Lands

This map has been prepared by the County's MSHCP consultant, Dudek&Associates, Inc. for informational purposes to assist in the development of alternatives for the MSHCP. This map is the work product of the MSHCP consultant and does not represent the opinions of the County or other agencies or stakeholders. This map is an incremental step in the development of the MSHCP. Preparation of the MSHCP is an iterative public process with many opportunities for public review.



This map is a draft document only and has yet to be verified by the County or its residents. This map may not represent the most current information available and may be revised without prior notice. The geographic information system and other sources should be used for the most current information. This map or any information presented on it, shall not be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording.



1 0 1 Miles
June 29, 2001

Temescal Canyon Area Plan With Quarter Sections, Cell Groups & Subunits Keyed to MSHCP Criteria



