




**Policies:**



- TCAP 17.1 Protect the economic viability of mineral resources as well as the life and property of Temescal Canyon residents through adherence to the Mineral Resources section of the General Plan Multipurpose Open Space Element.
- TCAP 17.2 Avoid mineral resource extraction within the Temescal Wash and areas which contain viable riparian habitat in favor of areas containing very sparse or non-existent riparian habitat.
- TCAP 17.3 Require a biologically designed and professionally implemented revegetation program as part of reclamation plans, where avoidance is not feasible.
- TCAP 17.4 Require hydrological studies by a qualified consultant as part of the environmental review process for all proposed surface mining permits within or adjacent to the Temescal Wash. This shall include proper management of surface run-off.

## MULTIPLE SPECIES HABITAT CONSERVATION PLAN

 Please refer to the **Multipurpose Open Space Element of the General Plan** for further information on the MSHCP

Regional resource planning to protect individual species and habitats such as the Stephens Kangaroo Rat and Coastal Sage Scrub Habitat has occurred in Riverside County for many years. Privately owned reserves and publicly owned land have served as habitat for many different species. This method of land and wildlife preservation proved to be piecemeal and disjointed, resulting in islands of reserve land without corridors for species migration and access. To address these issues of wildlife health, and habitat sustainability, the Western Riverside County Multiple Species Habitat Conservation Program (MSHCP) has been developed. The MSHCP comprises a reserve system that encompasses core habitats, habitat linkages, and wildlife corridors outside of existing reserve areas and existing private and public reserve lands into a single comprehensive plan that can accommodate the needs of species and habitat in the present and future.

### MSHCP Program Description

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The Wildlife Agencies include The United States Fish and Wildlife Service (USFWS) and the California Department of Fish and Game (CDFG)

The Endangered Species Act prohibits the "taking" of endangered species. Taking is defined as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect" listed species. "Harm" includes destruction of a listed species' habitat. The Wildlife Agencies have authority to regulate this "take". The intent of the MSHCP is for the Wildlife Agencies to grant a "take authorization" for otherwise lawful actions that may incidentally "take" or "harm" species or habitats outside of preserve areas, in exchange for supporting assembly of a coordinated reserve system. Therefore, the Western Riverside County MSHCP will allow the County to "take" plant and wildlife species within identified areas through the local land use planning process. In addition to the conservation and management duties assigned to the County and other agencies, a property owner initiated habitat evaluation and acquisition negotiation process has also been developed. This process applies to property which may be needed



for inclusion in the Western Riverside County MSHCP Reserve or subjected to other Western Riverside County MSHCP criteria.

### Conservation Areas

The total target conservation acreage for the Temescal Canyon Area Plan is more than 32,230 acres, 24,250 of which are existing public/quasi public lands. The remaining privately owned land identified for conservation has been broken into six conservation subunits, as shown on Figure 8, Western Riverside County MSHCP Reserve Areas. These subunits are a critical portion of the criteria-based conservation plan for Temescal Canyon Area Plan. The target conservation acreages and general location for each subunit are listed below.



The following species, covered under the MSHCP, may be found within the subunits of this area plan:

- Bell's sage sparrow
- California gnatcatcher
- orange-throated whiptail
- bobcat
- loggerhead shrike
- Cooper's hawk
- southwestern willow flycatcher
- least Bell's vireo
- Santa Ana River woolly-star
- many-stemmed dudleya
- Santa Ana sucker
- western yellow-billed cuckoo
- Palomar monkeyflower
- Munz's onion
- thread-leaved brodiaea

#### Subunit 1: Santa Ana River West

Subunit 1 is located along Riverside County's western boundary, west of the State Route 71/91 interchange, and south of the City of Chino Hills. Subunit 1 is traversed by the Santa Ana River. The target acreage range for new conservation on private lands within Subunit 1 is between 60 and 70 acres.

#### Subunit 2: Santa Ana River to Santa Ana Mountains Linkage

Subunit 2 has a target acreage range for new conservation on private lands from 450 to 470 acres. This subunit is located south of the State Route 71/91 interchange, north of the Cleveland National Forest, and includes a portion of the City of Corona on the east.

#### Subunit 3: Prado Basin

The Prado Basin Subunit is located north of Green River Drive, east of the City of Chino Hills, and borders San Bernardino County on the north. The eastern half of Subunit 3 consists of a portion of the City of Corona and is traversed by the Santa Ana River. Subunit 3 includes the Prado Flood Control Basin. The target acreage range for this subunit is from 2,310 to 2,380 acres.

#### Subunit 4: Sierra Hills/Lake Mathews West

Subunit 4 is located east of the Temescal Wash, west of La Sierra Avenue, south of Magnolia Avenue, and north of Cajalco Road. Subunit 4 includes the eastern portion of the City of Corona. The target acreage for new conservation on private lands is from 870 to 900 acres.

#### Subunit 5: Temescal Wash West

The Temescal Wash West Subunit is located south of Magnolia Avenue and east of Interstate 15. Subunit 5 is traversed by the Temescal Wash. The target acreage range for this subunit is from 4,200 to 4,330 acres.

#### Subunit 6: Temescal to Santa Ana Mountains Linkage

Subunit 6 is located south of Interstate 15 and is also bordered by it on the northeast corner. The target acreage range for new conservation on private lands within Subunit 6 is between 70 and 80 acres.



**Key Biological Issues**



The habitat requirements of the listed species, combined with sound habitat management practices, have shaped the following policies, which apply to areas within identified subunits. These policies provide general conservation direction for the MSHCP reserve assembly process. Refer to the Western Riverside County MSHCP Implementing Agreement for specific reserve design criteria.

**Policies:**



- TCAP 18.1      Protect sensitive biological resources in the Temescal Canyon Area Plan through adherence to policies found in the Western Riverside County MSHCP and the Fish and Wildlife Habitat section of the General Plan Multipurpose Open Space Element.
  
- TCAP 18.2      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.
  
- TCAP 18.3      Conserve existing known populations of least Bell’s vireo and southwestern willow flycatcher within the Temescal Canyon Area Plan including locations at Prado Basin, Santa Ana River, and Temescal Wash. Maintain existing breeding habitat for this species at Prado Basin, Santa Ana River and Temescal Wash.
  
- TCAP 18.4      Conserve and manage habitat for the benefit of Santa Ana sucker, Santa Ana speckled dace, and arroyo chub in the Temescal Canyon Area Plan at Prado Basin and the Santa Ana Rivers, focusing on maintenance of the existing hydriodic 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.
  
- TCAP 18.5      Conserve meaningful, interconnected representations of the Santa Ana Mountains and Riverside Lowlands bioregions within the Temescal Canyon Area Plan.
  
- TCAP 18.6      Conserve clay soils supporting sensitive plan species known to occur in the Temescal Canyon Area Plan including Munz’s onion, Palmer’s grappling hook, small-flowered morning glory, long-spined spineflower, thread-leaved brodiaea, small-flowered microseris, and many-stemmed dudleya.
  
- TCAP 18.7      Conserve sandy soils cooccurring with chaparral supporting Palomar monkeyflower, known to occur in the Temescal Canyon Area Plan.



- TCAP 18.8 Conserve locations supporting California muhly, heart-lived pitcher sage and Hall’s monardella and other sensitive plant species that may occur in a wide variety of habitat types within the Temescal Canyon Area Plan.
- TCAP 18.9 Provide for and maintain connection(s) from the Cleveland National Forest to Prado Basin and the Santa Ana River within the Temescal Canyon Area Plan, providing opportunities for offsite connections to the Chino Hills State Park.
- TCAP 18.10 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.
- TCAP 18.11 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.
- TCAP 18.12 Conserve floodplain areas supporting sensitive plant species known to occur in the Temescal Canyon Area Plan, including Parry’s spineflower, peninsular spineflower, and smooth tarplant.
- TCAP 18.13 Provide for and maintain a robust upland habitat connection from the eastern edge of Temescal Wash to the existing Lake Mathews/Estelle Mountain Reserve.
- TCAP 18.14 Provide for and maintain an upland habitat connection from La Sierra Hills to the Lake Mathews/Estelle Mountain Reserve.
- TCAP 18.15 Conserve rocky soils co-occurring with coastal sage scrub, peninsular juniper woodland, or chaparral supporting Payson’s jewelflower, known to occur in the Temescal Canyon Area Plan.
- TCAP 18.16 Provide for and maintain a continuous linkage along Temescal Wash from the southern boundary of the Temescal Canyon Area Plan to the Santa Ana River.

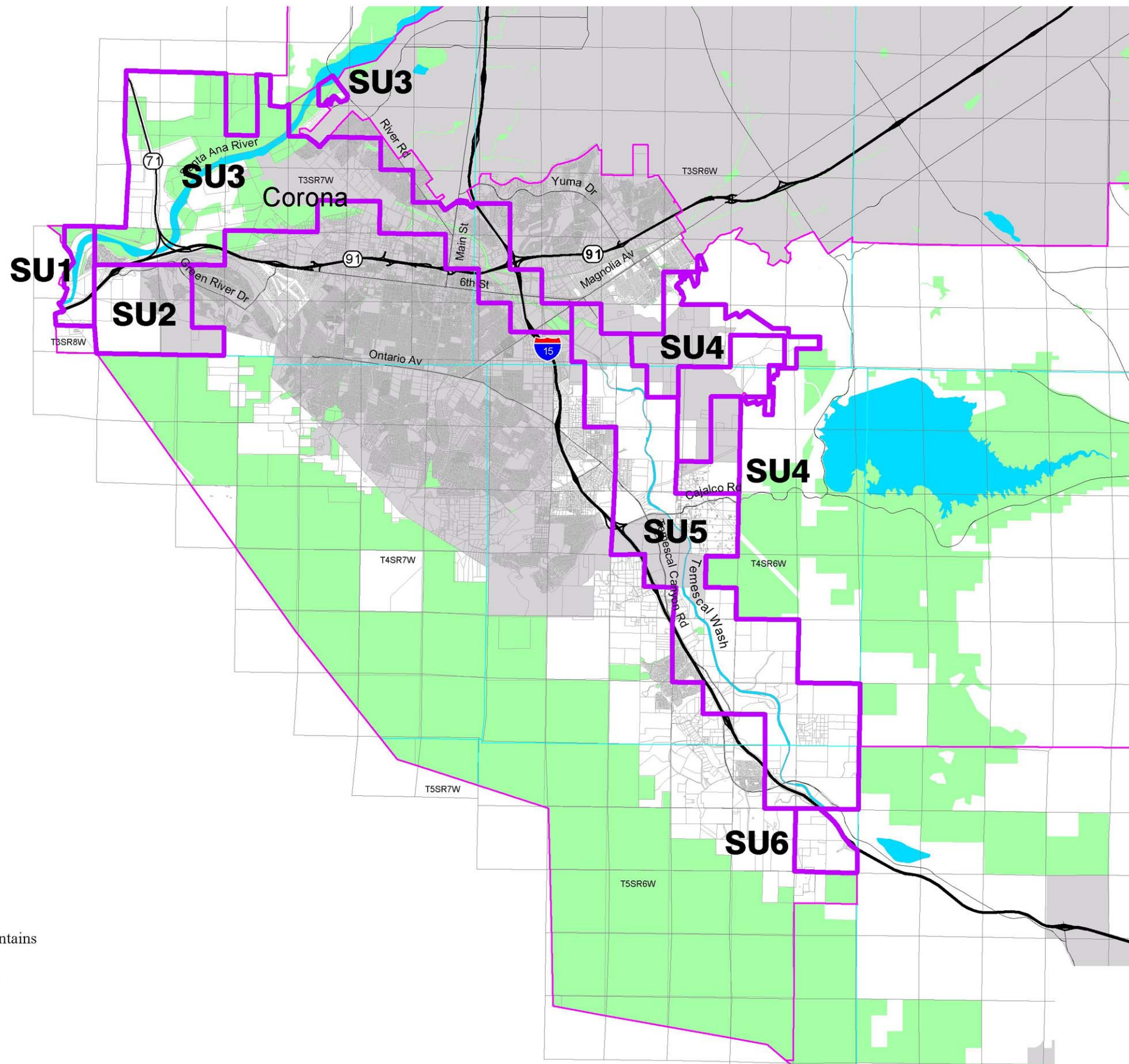


# **County of Riverside General Plan - *Hearing Draft***

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## *Temescal Canyon Area Plan*

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- 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
- Public/Quasi-Public Lands
- Area Plan Boundaries
- City
- Waterbodies

This map has been prepared by the County's MSHCP consultant, Dwyer & 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.

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*Temescal Canyon Area Plan*

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