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## Paradise

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The Paradise study area is located in the mountains within the eastern portion of the City of Norco.

### Existing Conditions

#### General Site Conditions

The study area is located on a rocky, undeveloped ridge adjacent to a Federal Aviation Administration (FAA) antenna array. The elevation of the study area is approximately 1,383 feet above sea level. The soils present consist of rockland, based on the USDA soil survey. Land use in the vicinity consists of the antenna array to the east, and undeveloped open space to the north, south, and west. The study area shows evidence of a recent, high intensity burn event. In addition to the burn, the study area is subject to disturbance associated with loitering and vandalism.

#### Vegetation

The vast majority of the study area and surroundings are void of vegetation resulting from the burn event. A sparse scattering of plant seedlings occurs across the study area. The plant species observed include white sage (*Salvia apiana*), California aster (*Lessingia filaginifolia* var. *californica*), sticky monkeyflower (*Mimulus auranticus*), and black mustard (*Brassica nigra*). Additionally, various sugar bush (*Rhus ovata*) regrowth is occurring across the site and in the general vicinity.

#### Wildlife

Wildlife activity was low during the survey. Wildlife species observed include desert cottontail (*Sylvilagus audubonii*) and Anna's hummingbird (*Calypte anna*). Species expected to occur are those common in steep, open areas following fire events, such as coyote (*Canis latrans*), mourning dove (*Zenaida macroura*), and side-blotched lizard (*Uta stansburiana*).

### Sensitive Biological Resources

#### Sensitive Species

##### Federally and State Listed Species

Habitat for any State- or federally-listed threatened or endangered species not already covered by an existing HCP does not occur within the study area. Therefore, the development of the study area is not anticipated to impact any plant or animal species protected under CESA or FESA.

##### WRMSHCP

The study area is located within an area identified by the WRMSHCP as requiring a habitat assessment for burrowing owl (*Athene cunicularia*). However, no suitable habitat for the species was observed on or adjacent to the study area and no impacts to are anticipated.

The study area contains suitable habitat for San Diego (dwarf burr) ambrosia (*Ambrosia pumila*), a federally-listed endangered species covered by the WRMSHCP, and chaparral sand-verbena (*Abronia villosa* var. *aurita*), a CNPS listed species covered by the WRMSHCP. Neither species were observed

within the study area. Impacts to these species' habitat have been adequately accounted for by the WRMSHCP and if the development of the study area is found consistent with the WRMSHCP, then further consideration of potential impacts will not be necessary.

The study area also contains suitable habitat for Stephens' kangaroo rat (*Dipodomys stephensi*), a federally-listed endangered and State-listed threatened species. The species was not observed within the study area. Impacts to Stephens' kangaroo rat habitat that are anticipated to occur outside of the SKRHCP boundaries, but inside the boundaries of the WRMSHCP have been adequately accounted for by the WRMSHCP and if the development of the study area is found consistent with the WRMSHCP, then further consideration of potential impacts will not be necessary.

#### **Other Sensitive Species**

No suitable habitat for sensitive species not specifically protected under any other policy occurs on the study area.

#### **Critical Habitat**

The study area is not located within any USFWS-designated Critical Habitat.

#### **Nesting Birds**

No nests or nesting activities were observed during the survey; however, the vegetation adjacent to the study area contains suitable nesting habitat for ground nesting birds, such as horned lark (*Eremophila alpestris*).

#### **California Desert Native Plant Act**

No plant species protected under the CDNPA were observed within the study area and no impacts associated with the development of the study area are anticipated to occur.

#### **Jurisdictional Waters**

No drainage features, wetlands, vernal pools, or suitable habitat for sensitive fairy shrimp species occur on or in the vicinity of the study area. No waters or wetlands potentially under the jurisdiction of the State or the United States will be impacted by the development of the study area.

#### **Wildlife Corridors and Movement**

Given the limited size and minimal disturbance associated with the development of the study area, no impacts to any wildlife corridors or wildlife movement patterns are anticipated.

#### **Applicable Regional Resource Management Plan**

##### **WRMSHCP**

The study area is privately owned and is subject to the WRMSHCP. The study area is located within the "Cities of Riverside and Norco" Area Plan, but does not fall within a Criteria Cell. No impact to urban/wildland interface areas or riparian/riverine areas are anticipated.

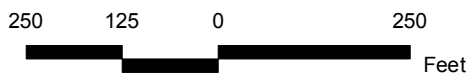


Source: Riverside County NAIP, 2005.



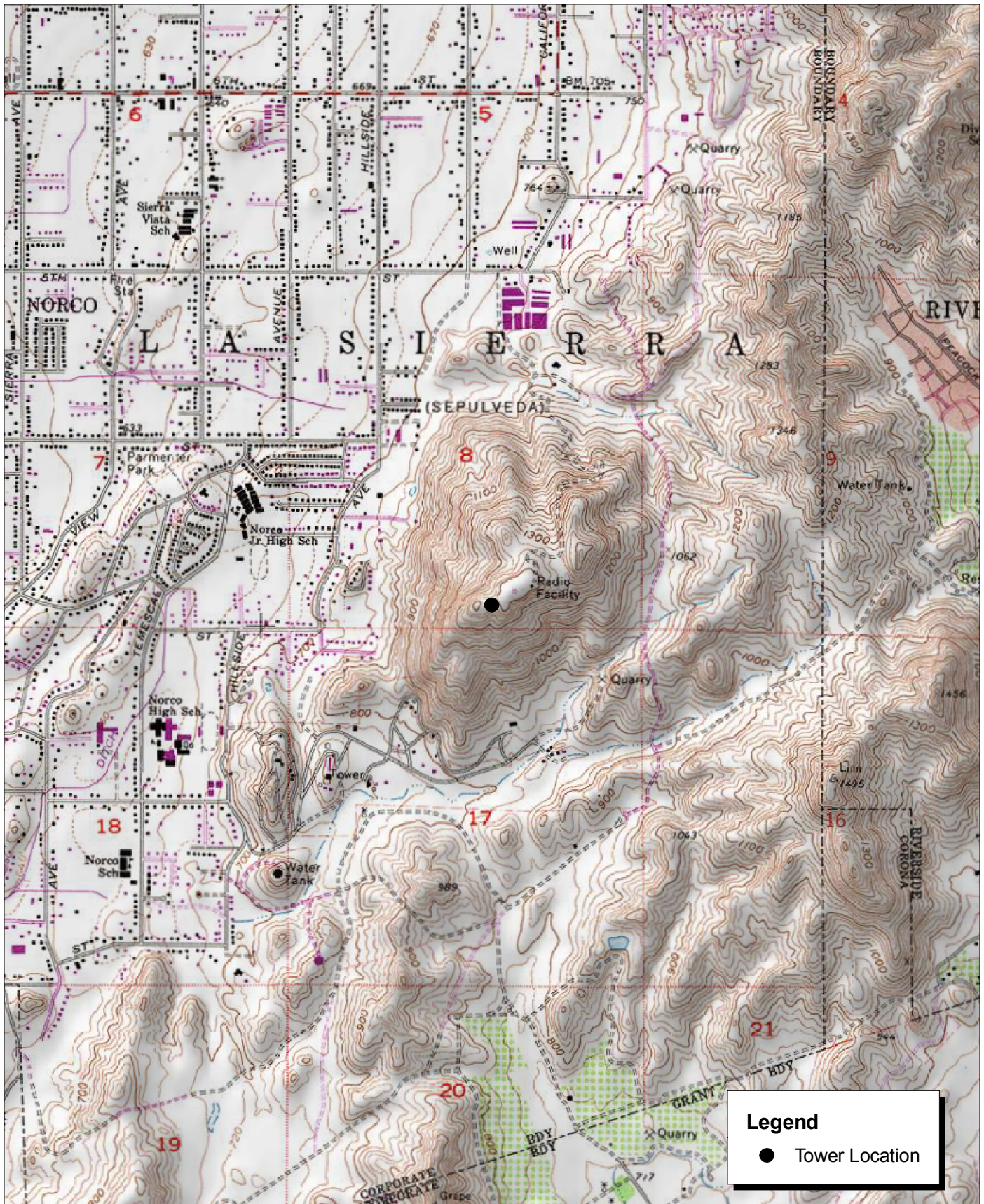
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## Paradise Communication Site Local Vicinity Aerial Map

COUNTY OF RIVERSIDE  
PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Source: USGS Corona North 7.5' Topographic Map.



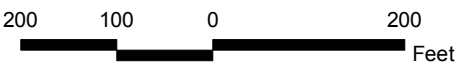


Source: USDA Soils Data (NRCS).



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## Paradise Communication Site USDA Soils Map

COUNTY OF RIVERSIDE  
PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Photograph 1: View toward Paradise candidate location, facing east.



Photograph 2: View toward Paradise candidate location, facing northwest.



Photograph 3: Overview of Paradise candidate location, facing southeast



Photograph 4: View toward Paradise candidate location, facing south.

Source: Michael Brandman Associates, 2008.



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Paradise Candidate Photographs 1 to 4  
PSEC Project



Photograph 5: View from Paradise candidate location, facing north.



Photograph 6: View from Paradise candidate location, facing west.



Photograph 7: View from Paradise candidate location, facing south.



Photograph 8: View from Paradise candidate location, facing east.

Source: Michael Brandman Associates, 2008.



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Paradise Candidate Photographs 5 to 8  
PSEC Project

<b>Paradise</b>
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## Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)

APN	Cell	Cell Group	Acres	Area Plan	Sub Unit
123080052	Not A Part	Independent	188.6	Cities of Riverside and Norco	Not a Part

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### HABITAT ASSESSMENTS

Habitat assessment shall be required and should address at a minimum potential habitat for the following species:

APN	Amphibia Species	Burrowing Owl	Criteria Area Species	Mammalian Species	Narrow Endemic Plant Species	Special Linkage Area
123080052	NO	YES	NO	NO	NO	NO

#### Burrowing Owl

Burrowing owl.

If potential habitat for these species is determined to be located on the property, focused surveys may be required during the appropriate season.

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### Background

The final MSHCP was approved by the County Board of Supervisors on June 17, 2003. The federal and state permits were issued on June 22, 2004 and implementation of the MSHCP began on June 23, 2004.

For more information concerning the MSHCP, contact your local city or the County of Riverside for the unincorporated areas. Additionally, the Western Riverside County Regional Conservation Authority (RCA), which oversees all the cities and County implementation of the MSHCP, can be reached at:



Western Riverside County Regional Conservation Authority  
4080 Lemon Street, 12th Floor  
Riverside, CA 92502-1604

Phone: 951-955-9700

Fax: 951-955-8873

[www.wrc-rca.org](http://www.wrc-rca.org)