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## Lake Elsinore

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The Lake Elsinore study area is located in the hills directly adjacent to Lake Elsinore, in the City of Lake Elsinore.

### Existing Conditions

#### *General Site Conditions*

The study area is located on a recently disked portion of a ridge. The elevation of the study area is approximately 1,558 feet above sea level. Soils present consist of Las Posas rocky loam, based on the USDA soil survey. Land use in the vicinity consists of Lake Elsinore to the west, an existing communications facility to the east, open space followed by residential development to the north, and an east-west, aboveground utility line followed by open space to the south. All the surrounding open space is confined by residential development to the north, south, and west, and Interstate 15 to the east. The study area is subject to disturbance from off-road vehicle use and maintenance of the existing communications facility.

#### *Vegetation*

The study area is predominantly bare ground with patches of ruderal plant species such as short-podded mustard (*Hirschfeldia incana*). A row of mature, Peruvian pepper (*Schinus molle*) trees occurs along the northern portion of the study area.

#### *Wildlife*

No wildlife species were observed or otherwise detected during the survey. Species expected to occur are those commonly observed in open, disturbed, suburban areas, such as house finch (*Carpodacus mexicanus*), California ground squirrel (*Spermophilus beecheyi*), and western fence lizard (*Sceloporus occidentalis*).

### 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 WRMSCHP as requiring a habitat assessment for burrowing owl (*Athene cunicularia*), a CSC covered by the WRMSHCP. However, no suitable habitat for the species was observed on or adjacent to the study area and no impacts to the species are anticipated.

### **SKRHCP**

The study area contains suitable habitat for Stephens' kangaroo rat (*Dipodomys stephensi*), a federally-listed endangered and State-listed threatened species, covered by the SKRHCP. The species was not observed within the study area. Impacts to the species' habitat have been adequately accounted for by the SKRHCP and if the SKRHCP fee is paid, 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 row of Peruvian pepper trees on the study area contain suitable nesting habitat for tree nesting avian species, such as house finch.

### **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. Lake Elsinore is located approximately 0.5 mile from the study area but will not be impacted by the development 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 HCP or Land Use Management Plan**

#### **WRMSHCP**

The study area is privately owned and managed and subject to the WRMSHCP. The study area is located within the "Elsinore" Area Plan," but does not fall within a Criteria Cell.

#### **SKRHCP**

The study area is located within a fee area under the Western Riverside County SKRHCP.

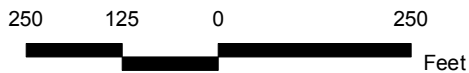


Source: Riverside County NAIP, 2005.



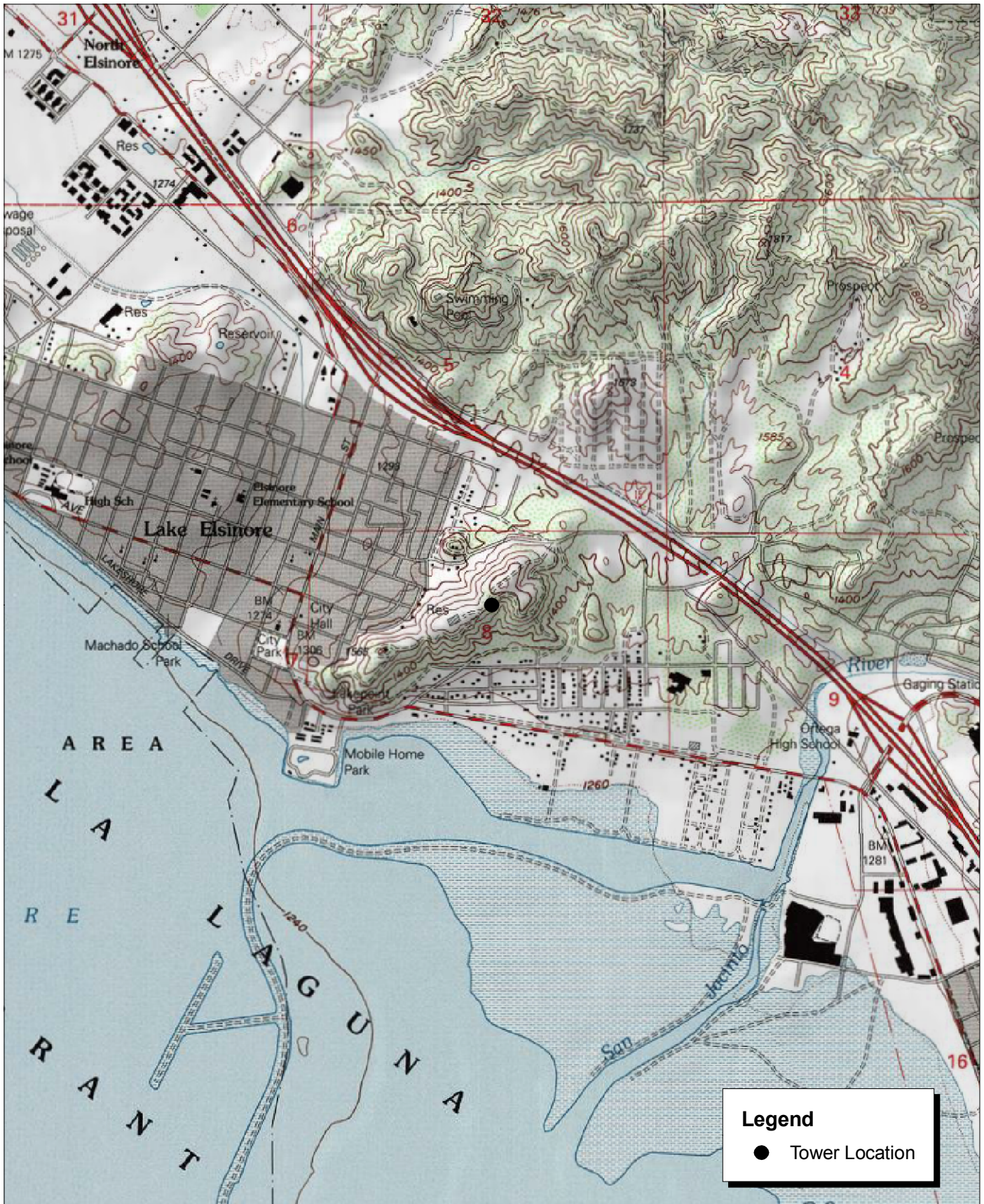
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# Lake Elsinore Communication Site Local Vicinity Aerial Map

COUNTY OF RIVERSIDE  
PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Source: USGS Lake Elsinore 7.5' Topographic Map.



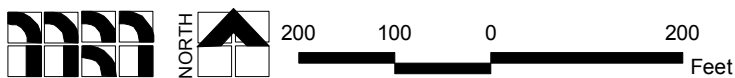
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## Lake Elsinore Communication Site Local Vicinity Topographic Map

COUNTY OF RIVERSIDE  
 PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Source: USDA Soils Data (NRCS).



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## Lake Elsinore Communication Site USDA Soils Map

COUNTY OF RIVERSIDE  
PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Photograph 1: Overview of Lake Elsinore candidate location, facing east.



Photograph 2: Overview of Lake Elsinore candidate location, facing south.



Photograph 3: View toward Lake Elsinore candidate location, facing west.



Photograph 4: View toward Lake Elsinore candidate location, facing north.

Source: Michael Brandman Associates, 2008.



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Lake Elsinore Candidate Photographs 1 to 4  
PSEC Project



Photograph 5: View from Lake Elsinore candidate location, facing northeast.



Photograph 6: View from Lake Elsinore candidate location, facing northwest.



Photograph 7: View from Lake Elsinore candidate location, facing southeast.



Photograph 8: View from Lake Elsinore candidate location, facing southwest.

Source: Michael Brandman Associates, 2008.



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Lake Elsinore Candidate Photographs 5 to 8  
PSEC Project

**Lake Elsinore****Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)**

<b>APN</b>	<b>Cell</b>	<b>Cell Group</b>	<b>Acres</b>	<b>Area Plan</b>	<b>Sub Unit</b>
373121002	Not A Part	Independent	0.06	Elsinore	Not a Part
373121003	Not A Part	Independent	0.06	Elsinore	Not a Part
373121004	Not A Part	Independent	0.06	Elsinore	Not a Part
373121005	Not A Part	Independent	0.06	Elsinore	Not a Part
373121006	Not A Part	Independent	0.06	Elsinore	Not a Part
373121007	Not A Part	Independent	0.07	Elsinore	Not a Part

**HABITAT ASSESSMENTS**

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

<b>APN</b>	<b>Amphibia Species</b>	<b>Burrowing Owl</b>	<b>Criteria Area Species</b>	<b>Mammalian Species</b>	<b>Narrow Endemic Plant Species</b>	<b>Special Linkage Area</b>
373121002	NO	<b>YES</b>	NO	NO	NO	NO
373121003	NO	<b>YES</b>	NO	NO	NO	NO
373121004	NO	<b>YES</b>	NO	NO	NO	NO
373121005	NO	<b>YES</b>	NO	NO	NO	NO
373121006	NO	<b>YES</b>	NO	NO	NO	NO
373121007	NO	<b>YES</b>	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.



## 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)