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## Mead Valley

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The Mead Valley study area is located in Mead Valley, approximately 6 miles east of Lake Mathews.

### Existing Conditions

#### **General Site Conditions**

The study area is located on a graded, developed lot that is currently landscaped. The elevation of the study area is approximately 1,670 feet above sea level. Soils present consist of Fallbrook fine sandy loam and Pachappa fine sandy loam, based on the USDA soil survey. Land use in the vicinity consists of a fire station to the east, and paved roadways separating semi-rural residential development to the north, south, and west. This area is subject to regular disturbance associated with landscaping activities and pedestrian traffic.

#### **Vegetation**

The study area is predominantly bare ground covered in woodchips with scattered, landscaped vegetation. The vegetation was recently planted and includes an unidentified, ornamental, ground covering shrubs, and western sycamore (*Platanus racemosa*) saplings.

#### **Wildlife**

No wildlife species were observed or otherwise detected during the survey. Species expected to occur are those commonly observed in urban habitats, such as rock dove (*Columba livia*), western fence lizard (*Sceloporus occidentalis*), and valley pocket gopher (*Thomomys bottae*).

### Sensitive Biological Resources

#### **Sensitive Species**

##### *Federally and State Listed Species*

No habitat for any State- or federally-listed threatened or endangered species occurs 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 are anticipated.

#### **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**

The vegetation located within the study area is subject to regular, heavy disturbances and lacks areas of dense foliage. Therefore, no suitable nesting habitat for any avian species occurs on the study area and no nesting birds will be impacted by the development of the study area.

**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 HCP or Land Use Management Plan**

**WRMSHCP**

The study area is owned and managed by Riverside County and is subject to the WRMSHCP. The study area is located within the “Mead Valley” Area Plan, and does not fall within a Criteria Cell.

**SKRHCP**

The study area is located within a fee area for the SKRHCP.



**Legend**

- Tower Locations
- 50' Study Area

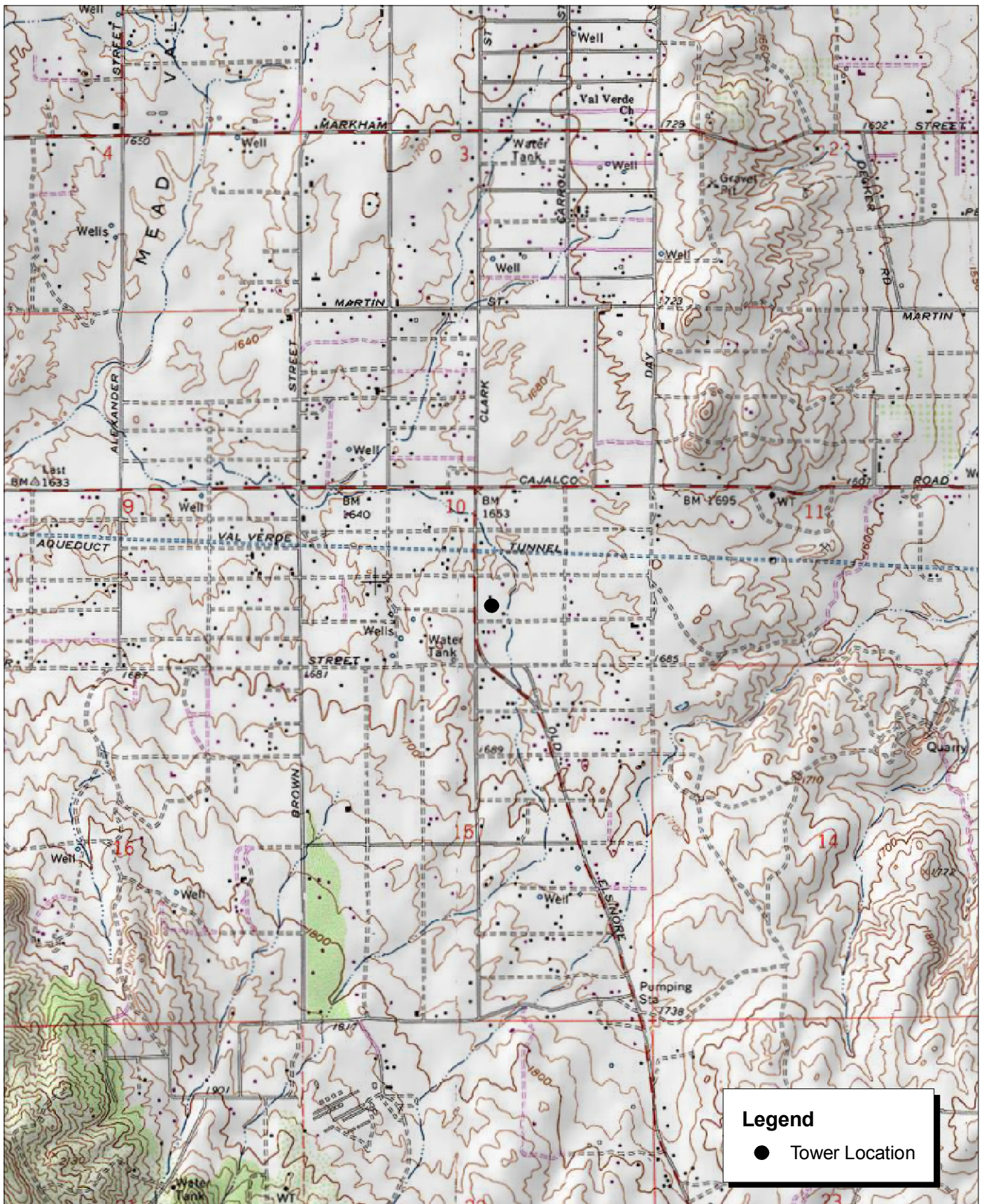
Source: Riverside County NAIP, 2005.



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## Mead Valley Communication Site Local Vicinity Aerial Map

COUNTY OF RIVERSIDE  
 PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



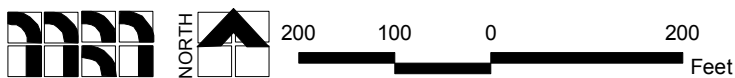
Source: USGS Steele Peak 7.5' Topographic Map.



## Mead Valley Communication Site Local Vicinity Topographic Map



Source: USDA Soils Data (NRCS).



## Mead Valley Communication Site USDA Soils Map



Photograph 1: View toward Mead Valley candidate location, facing northeast.



Photograph 2: View toward Mead Valley candidate location, facing southeast.



Photograph 3: View toward Mead Valley candidate location, facing north.



Photograph 4: View toward Mead Valley candidate location, facing southwest.

Source: Michael Brandman Associates, 2008.



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Mead Valley Candidate Photographs 1 to 4  
PSEC Project



Photograph 5: View from Mead Valley candidate location, facing west.



Photograph 6: View from Mead Valley candidate location, facing southwest.



Photograph 7: View from Mead Valley candidate location, facing northwest.



Photograph 8: View from Mead Valley candidate location, facing east.

Source: Michael Brandman Associates, 2008.



Michael Brandman Associates

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Mead Valley Candidate Photographs 5 to 8  
PSEC Project

**Mead Valley****Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)**

APN	Cell	Cell Group	Acres	Area Plan	Sub Unit
318180060	Not A Part	Independent	2.06	Mead Valley	Not a Part

**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
318180060	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.

**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)