

**Lake Mathews Communication Site**

**Overview**

The site is located adjacent to a Metropolitan Water District (MWD) facility on El Sobrante Road, approximately 0.25 mile northwest of the intersection of El Sobrante Road and Cajalco Road. The County plans to build a fire station at this location, and the proposed tower and equipment shelter would be located at the rear of the fire station facility.

**Table 1: Lake Mathews Communication Site**

Latitude <sup>1</sup>	Longitude <sup>1</sup>	Elev <sup>2</sup>	Address	T/R/S <sup>3</sup>	APN <sup>4</sup>	USGS Quadrangle
33°50'19.3"	117°22'10.9"	1,494	19301 El Sobrante Road, Riverside, CA 92504	4S, 5W, Sec. 11	285-120-030	Steele Peak
1 – All coordinates utilize NAD83 datum 2 – All elevations in feet above mean sea level 3 – Township/Range/Section (San Bernardino Base Meridian)				4 – All Assessors Parcel Numbers are located in Riverside County, unless noted: OC = Orange County; SD = San Diego County; SB = San Bernardino County		

**Surrounding Land Uses**

The immediate area in which the site is located can be described as semirural, but substantial low-density residential development occurs in the low hills that surround the site to the north, east, and south. Immediately west of the site is a MWD maintenance facility that covers approximately 2 acres. Further west lies the inflow to Lake Mathews from the Colorado River Aqueduct.

**Topography and Vegetation**

The site is located in a valley area with low hills and bedrock outcroppings scattered throughout the valley. The majority of the site is relatively flat, with a low outcropping of rocks on its eastern side. The vegetation on the site is consistent with a non-native grassland plant community. The dominant plant species includes short-podded mustard, and unidentified, non-native grasses. A sparse scattering of native shrubs, including California buckwheat and California aster, occur throughout the site, but are not sufficient to constitute a separate plant community. The area has been almost entirely converted to non-native grassland.

**Land Ownership and Applicable Habitat/Land Management Plan**

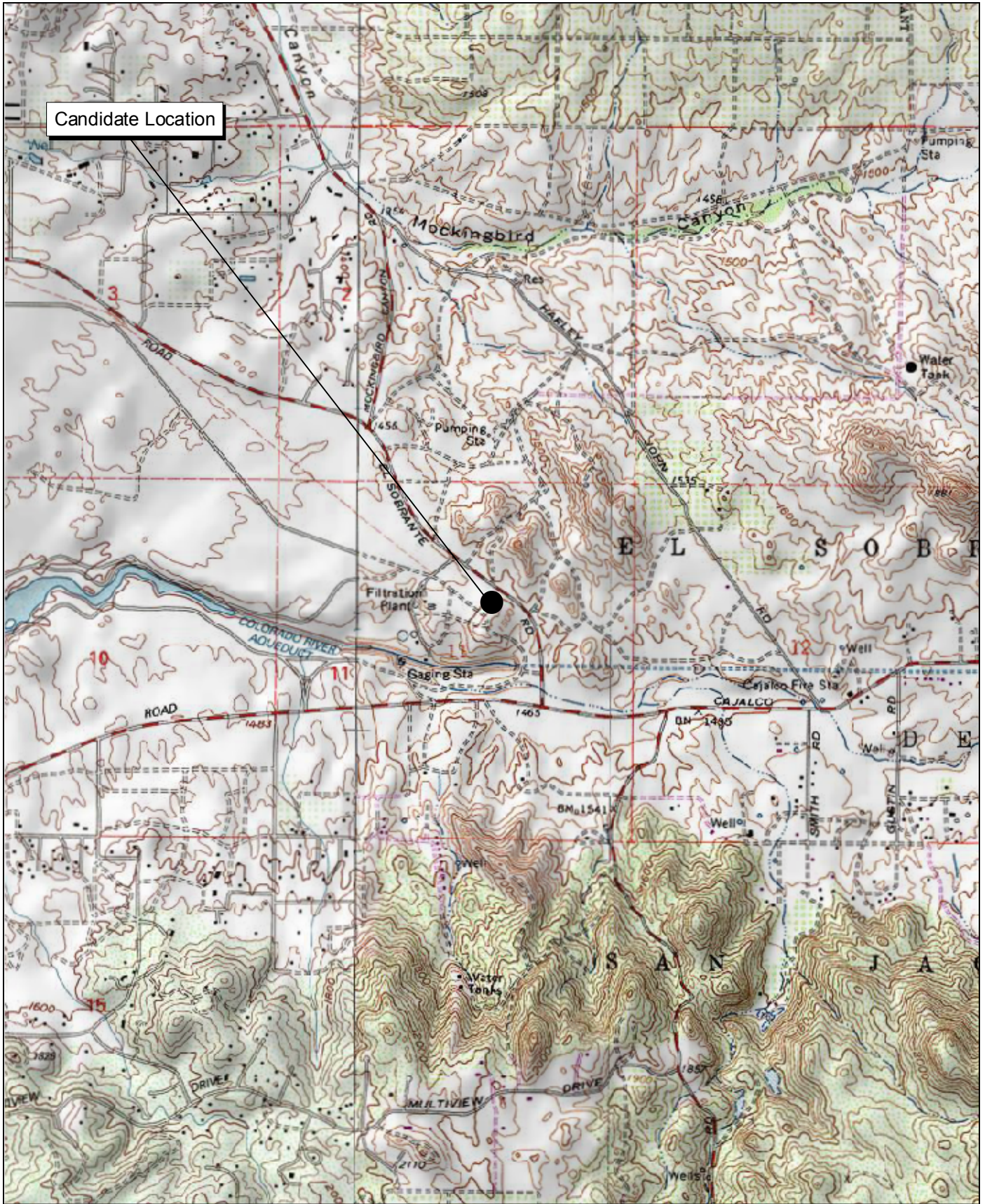
The site is located on land owned and operated by the MWD. Development at the site is subject to the WRMSHCP. It is located within an Existing Core Area in the “Lake Mathews/Woodcrest” Area Plan, but does not fall within a Criteria Cell. Additionally, the site is located within a fee and reserve area under the Western Riverside County SKRHCP.

**Road Access**

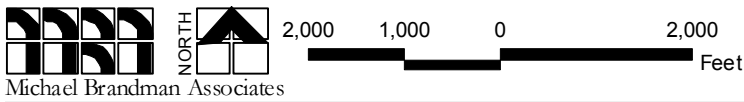
Access to the site is obtainable from the paved driveway leading to the MWD facility.

**Commercial Power Access**

Commercial power is available at the MWD facility, immediately adjacent to the site.



Source: USGS Steele Peak 7.5' Topographic Map.



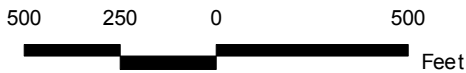
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## Lake Mathews Communication Site Local Vicinity Topographic Map

COUNTY OF RIVERSIDE  
 PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Source: Riverside County NAIP, 2005.



## Lake Mathews Communication Site Local Vicinity Aerial Map



Photograph 1: View toward Lake Mathews candidate location, facing northwest.



Photograph 2: View toward Lake Mathews candidate location, facing southwest.



Photograph 3: View toward Lake Mathews candidate location, facing south.



Photograph 4: View toward Lake Mathews candidate location, facing west.

Source: Michael Brandman Associates, 2008.



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## Lake Mathews Candidate Photographs 1 to 4 PSEC Project



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



Photograph 6: View from Lake Mathews candidate location, facing southeast.



Photograph 7: View from Lake Mathews candidate location, facing southwest.



Photograph 8: View from Lake Mathews candidate location, facing north.

Source: Michael Brandman Associates, 2008.

