

Redondo Mesa Communication Site

Overview

The site is located adjacent to a water tank atop Redondo Mesa, which is a large flat hill in the extreme southwestern portion of the County, approximately 0.50 mile south of Tenaja Road and 11.5 miles west of Temecula. The proposed project would place a tower and an equipment shelter at the site.

Table 1: Redondo Mesa Communication Site

Latitude ¹	Longitude ¹	Elev ²	Address	T/R/S ³	APN ⁴	USGS Quadrangle
33°29'46.5"	117°20'42.8"	2,784	39390 Redondo Mesa Drive, Murrieta, CA 92562	8S, 4W, Sec. 7 (Projected)	932-060-052	Fallbrook
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 site is located in a rural area on a large, flat hill adjacent to a large water tank that is owned and operated by the Rancho California Water District (RCWD). Several estate-style residences are also located on the mesa, the closest home being approximately 600 feet west of the site. The most prominent feature on the mesa is a decommissioned communication tower located approximately 450 feet south of the site. The tower is approximately 140 feet in height, and has been clad in metal paneling and is somewhat monolithic in appearance. The tower is no longer operational, and a small structure and several shipping containers at its base are currently used as a residence and storage facility.

Topography and Vegetation

The general topography is hilly, with the site sitting atop Redondo Mesa, which is a large hill. The site itself is adjacent to the RCWD water tank, so the immediate area is relatively disturbed and contains a sparse coastal sage scrub plant community. Plant species include slender wild oat, California buckwheat, white sage, chamise, and scrub oak. The area north of the site is a dense, chaparral plant community dominated by chamise and scrub oak.

Land Ownership and Applicable Habitat/Land Management Plan

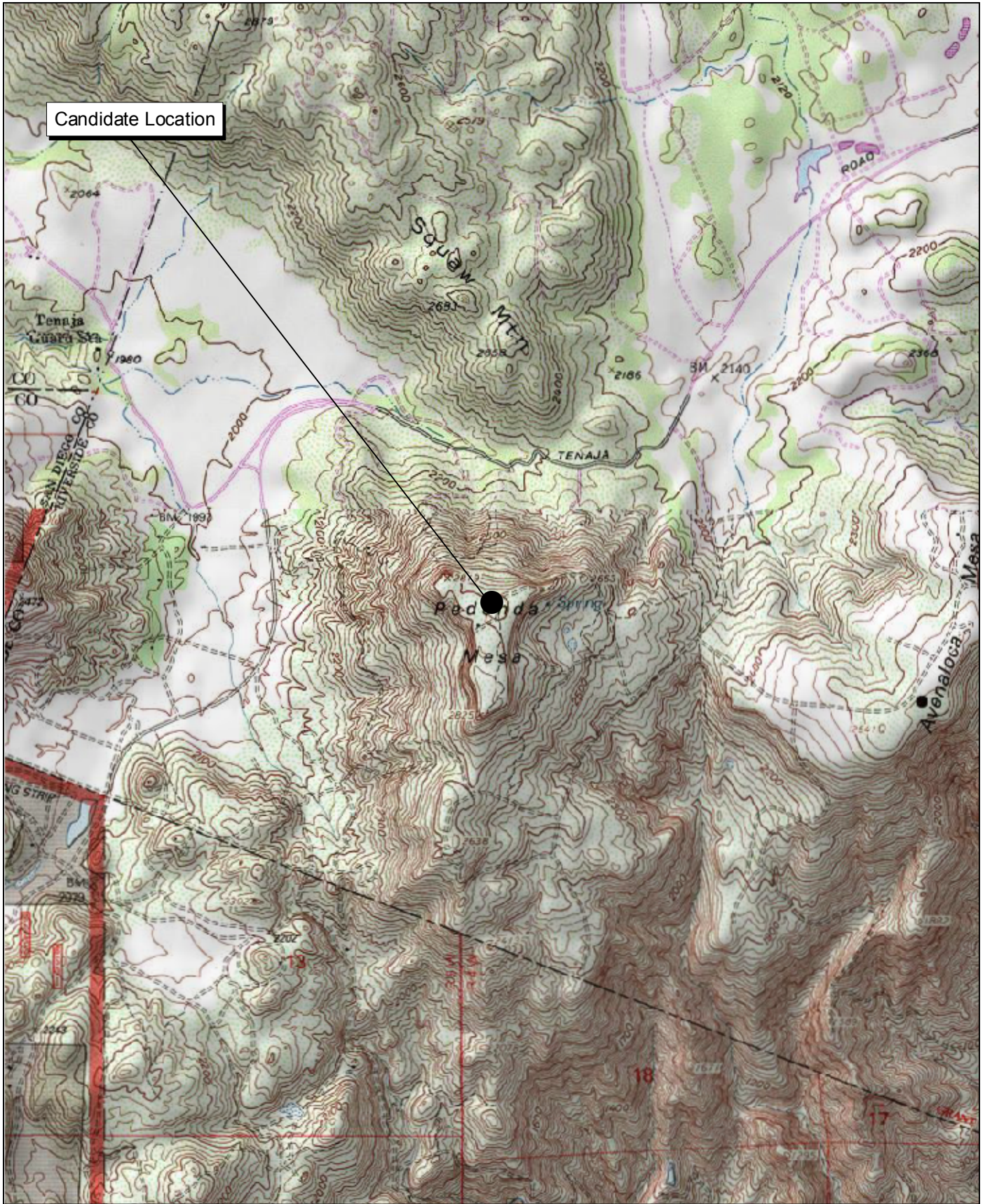
The site is located on land owned and operated by the RCWD and is subject to the WRMSHCP. The site is located within the “Southwest Area” Area Plan, SU7 - Tenaja sub-unit, and falls within Criteria Cell 7025.

Road Access

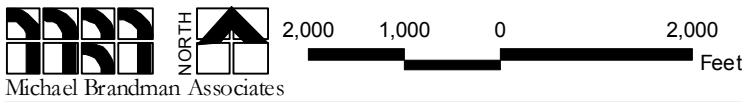
A paved road leads to the top of the mesa from Tenaja Road at the base of the mesa. The site is a cleared dirt pad surrounding the water tank, and is directly accessible from the existing roadway.

Commercial Power Access

Commercial power is available at the adjacent water tank facility, as well as from sources serving the several homes on the mesa.



Source: USGS Fallbrook 7.5' Topographic Map.



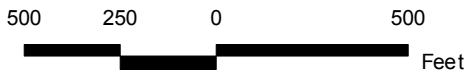
Redondo Mesa Communication Site Local Vicinity Topographic Map



Source: Riverside County NAIP, 2005.



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Redondo Mesa Communication Site Local Vicinity Aerial Map

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COUNTY OF RIVERSIDE
PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Photograph 1: View toward Redondo Mesa candidate location, facing west.



Photograph 2: View toward Redondo Mesa candidate location, facing south.



Photograph 3: View toward Redondo Mesa candidate location, facing northwest.



Photograph 4: View toward Redondo Mesa candidate location, facing east.

Source: Michael Brandman Associates, 2008.



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Redondo Mesa Candidate Photographs 1 to 4 PSEC Project



Photograph 5: View from Redondo Mesa candidate location, facing east.



Photograph 6: View from Redondo Mesa candidate location, facing south.



Photograph 7: View from Redondo Mesa candidate location, facing southwest.



Photograph 8: View from Redondo Mesa candidate location, facing north.

Source: Michael Brandman Associates, 2008.



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Redondo Mesa Candidate Photographs 5 to 8
PSEC Project