



wildfires can be found in the most rugged terrain, especially in the Lakeview Mountains. Methods to address this hazard include techniques such as avoidance of high-risk areas, creating setbacks that buffer development from hazard areas, brush clearance to reduce potential fuel, low fuel landscaping, and building techniques. In still other cases, safety oriented organizations such as Fire Safe can provide assistance in educating the public and promoting practices that contribute to improved public safety. Refer to Figure 10, Wildfire Susceptibility, to see the locations of the wildfire zones within the Lakeview/Nuevo planning area.

Policies:



LNAP 13.1 Protect life and property from wildfire hazards through adherence to the Fire Hazards section of the General Plan Safety Element.



Liquefaction occurs primarily in saturated, loose, fine to medium-grained soils in areas where the groundwater table is within about 50 feet of the surface. Shaking causes the soils to lose strength and behave as liquid. Excess water pressure is vented upward through fissures and soil cracks and a water-soil slurry bubbles onto the ground surface. The resulting features are known as "sand boils", "sand blows" or "sand volcanoes." Liquefaction-related effects include loss of bearing strength, ground oscillations, lateral spreading, and flow failures or slumping.



Seismic

There are no earthquake faults that pose a direct threat within Lakeview/Nuevo Area Plan itself. There are however, nearby faults such as the San Andreas and the San Jacinto faults, which are located outside of the planning area, that pose significant threat to life and property. Threats from seismic events include ground shaking, fault rupture, liquefaction, and landslides.

The southwesterly and central portions of the Lakeview/Nuevo planning area, immediately adjacent to the San Jacinto River, have a very high susceptibility to shallow groundwater liquefaction. The remainder of the 100-year floodplain has a moderate susceptibility to deep groundwater liquefaction. The use of building techniques, the enforcement of setbacks, and practical avoidance measures will help to mitigate potentially dangerous circumstances. Refer to Figure 11, Seismic Hazards, for the location of faults within the Lakeview/Nuevo planning area.

Policies:

LNAP 14.1 Protect life and property from seismic related incidents through adherence to the Seismic Hazards Section of the General Plan Safety Element.

Slope

The Lakeview/Nuevo planning area is home to the Lakeview Mountains and portions of the Bernasconi Hills. Both of these ranges contain slopes of 30% or greater. The terrain of these ranges helps to form the local character and a backdrop for the planning area. The areas that contain steep slopes require special development standards and care to prevent erosion and landslides, preserve significant views, and minimize grading and scarring. The following policies are intended to ensure life and property while protecting the character of the Lakeview/Nuevo communities. Figure 12, Steep Slope, reveals the slope percentages for the Lakeview/Nuevo planning area. Also refer to Figure 13, Slope Instability, for areas of possible landslide.

County of Riverside General Plan - *Hearing Draft*

Lakeview/Nuevo Area Plan



Policies:



LNAP 15.1

Identify ridgelines that provide a significant visual resource for the Lakeview/Nuevo planning area through adherence to the General Plan Land Use Element.



LNAP 15.2

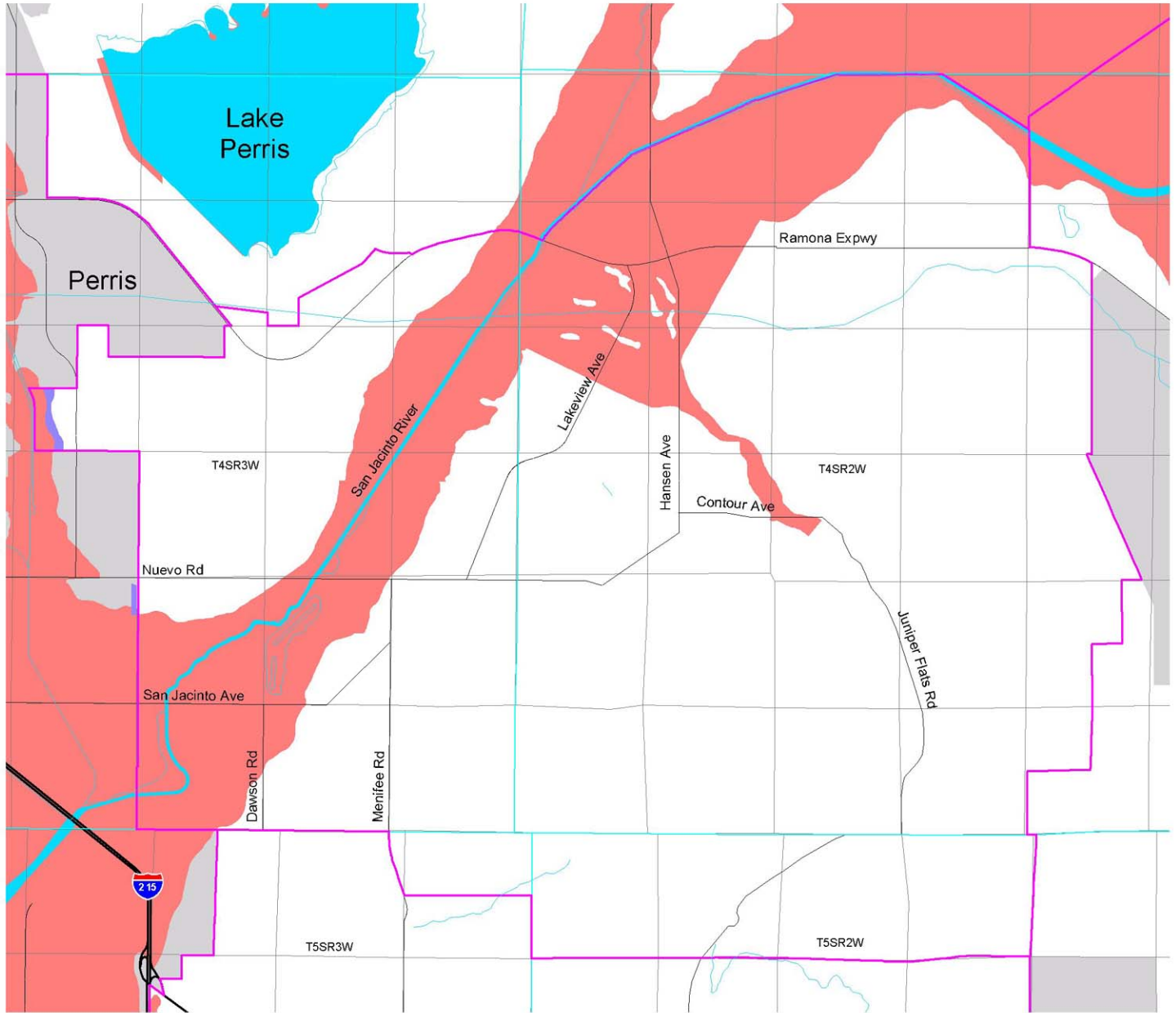
Protect life and property through adherence to the Hillside Development and Slope policies of the General Plan Land Use Element and the Slope and Soil Instability Hazard policies of the General Plan Safety Element.



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Lakeview/Nuevo Area Plan

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Flood Prone Areas

- Existing 100 Year Flood Zone
- 500 Year Flood Zone
- 100 Year Flood Plain with Channelization Project
- Stream, River, Canal

Dam Hazard Zones

- High
- Moderate

Source Information: Earth Consultants International.
The oldest data shown on this map is 1990.
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Figure 9



**LAKEVIEW/NUEVO AREA PLAN
FLOOD HAZARDS**

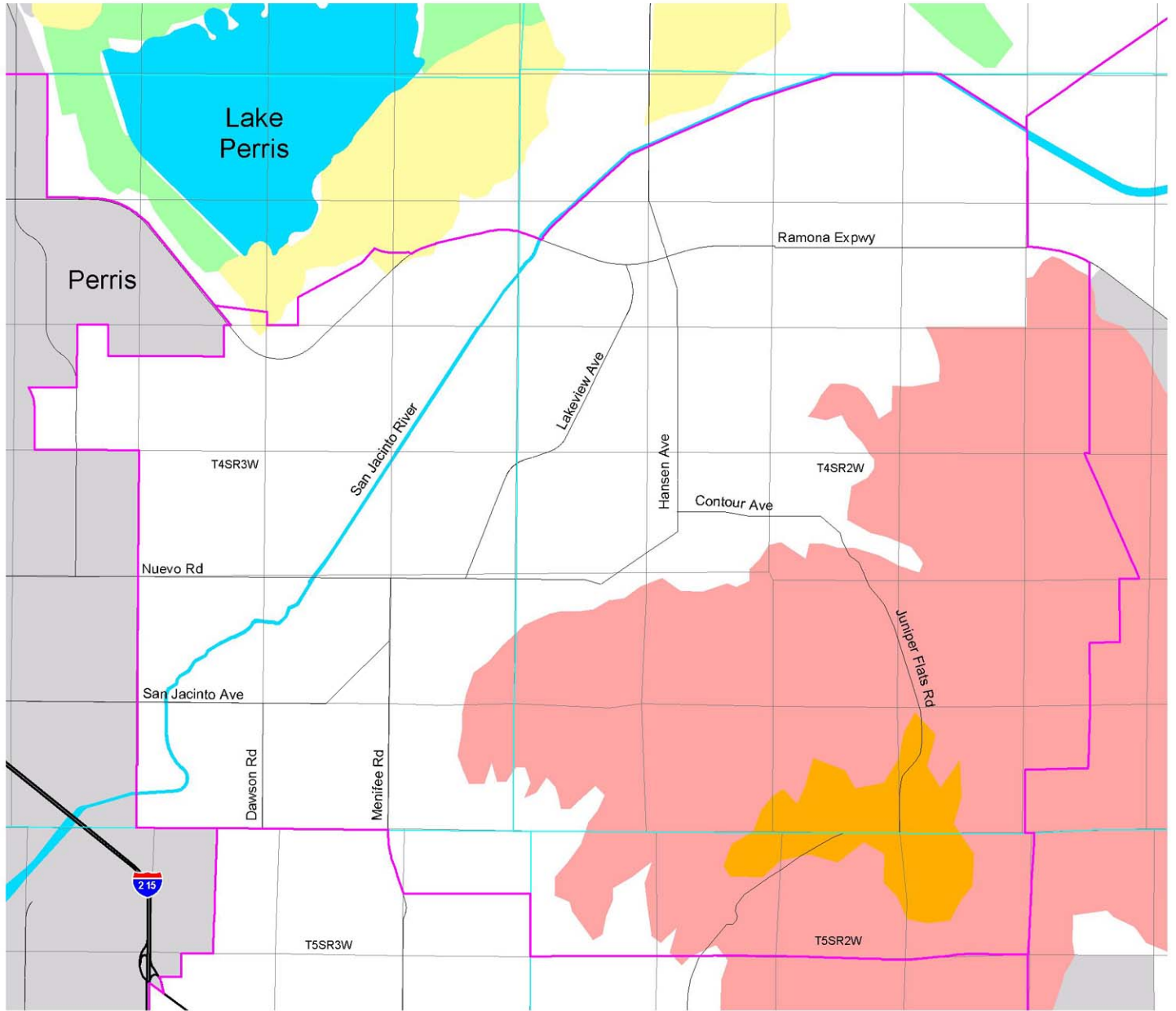




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Lakeview/Nuevo Area Plan

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Wildfire Zones

- Very High
- High
- Moderate
- Low
- Very Low
- None

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Figure 10



**LAKEVIEW/NUEVO AREA PLAN
WILDFIRE SUSCEPTIBILITY**

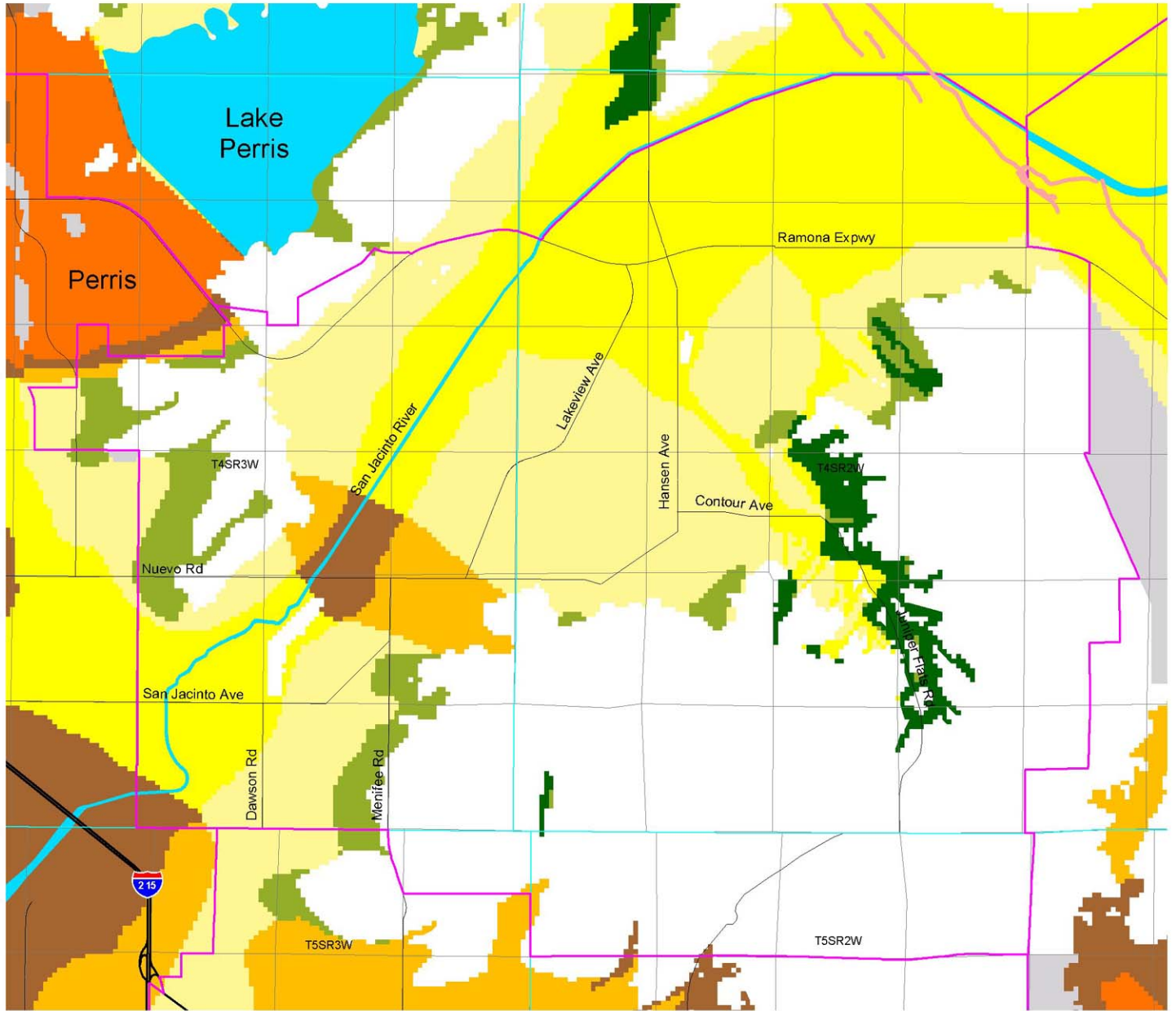




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Lakeview/Nuevo Area Plan

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Liquefaction Susceptibility

**Shallow Groundwater
Susceptible Sediments**

- Very High
- High
- Moderate
- Low
- Very Low

**Deep Groundwater
Susceptible Sediments**

- Moderate
- Low
- Very Low

**No Groundwater Data
Susceptible Sediments**

- Moderate
- Low
- Very Low

Faults

- Faults

*Source Information: Earth Consultants International.
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0' 8,000'

LAKEVIEW/NUEVO AREA PLAN SEISMIC HAZARDS



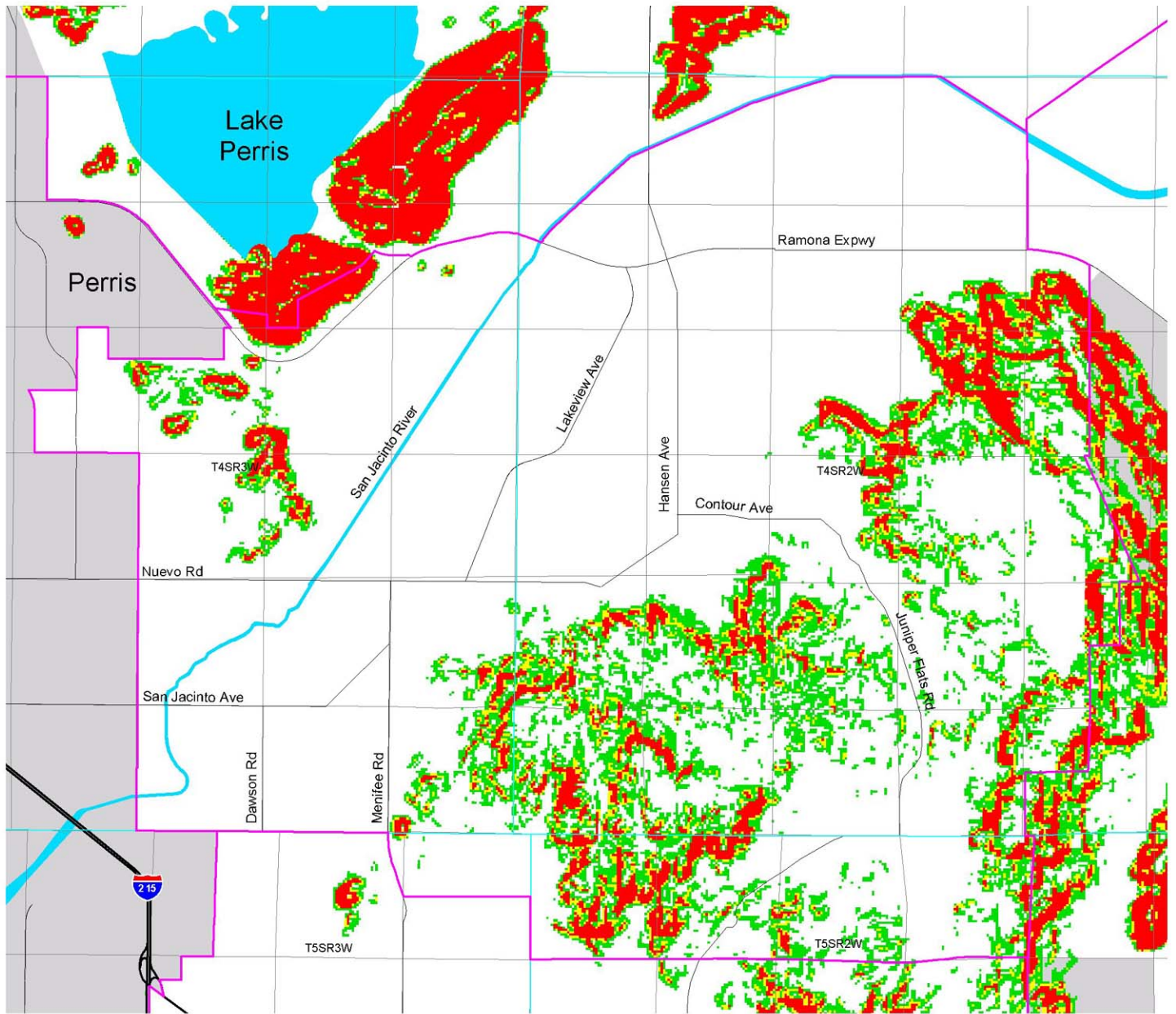
Figure 11



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Lakeview/Nuevo Area Plan

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Slope Angle

- Less than 15%
- 15 - 25%
- 25 - 30%
- 30% and Greater

Source Information: Earth Consultants International.
 The oldest data shown on this map is 1990.
 NOTE: The slopes on this map are general and more detailed studies may override the map without a general plan amendment.
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Figure 12



**LAKEVIEW/NUEVO AREA PLAN
 STEEP SLOPE**

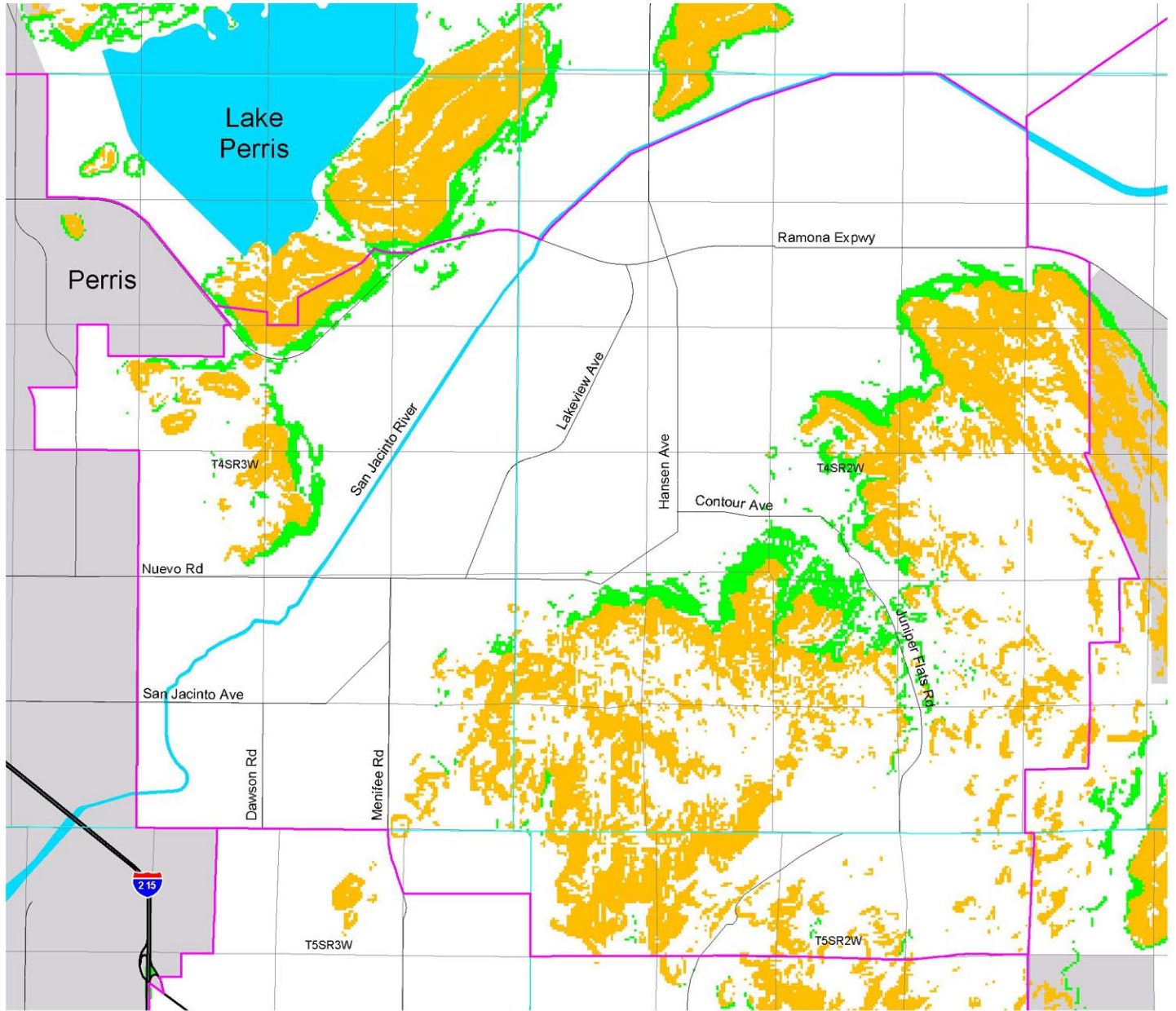




County of Riverside General Plan - *Hearing Draft*

Lakeview/Nuevo Area Plan

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- Existing Landslides
- High susceptibility to seismically induced landslides and rockfalls.
- Low to locally moderate susceptibility to seismically induced landslides and rockfalls.

*Source Information: Earth Consultants International.
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Figure 13

LAKEVIEW/NUEVO AREA PLAN SLOPE INSTABILITY





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Lakeview/Nuevo Area Plan

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