

4-008 LAS POSAS VALLEY

Basin Boundaries

Summary

The Las Posas Valley groundwater subbasin underlies the Las Posas Valley in southern Ventura County. The subbasin is bound on the north by South Mountain and Oak Ridge. The subbasin is bound on the east by Big Mountain and on the south by the Springville fault and the Las Posas Hills. The subbasin is bound on the west by the Oxnard subbasin. Ground surface elevations range from about 150 feet in the west to about 1,000 feet above sea level in the east. Arroyo Las Posas drains surface waters westward to the Pacific Ocean. Average annual precipitation ranges from 12 to 16 inches. The boundary is defined by six (6) segments detailed in the descriptions below.

Segment Descriptions

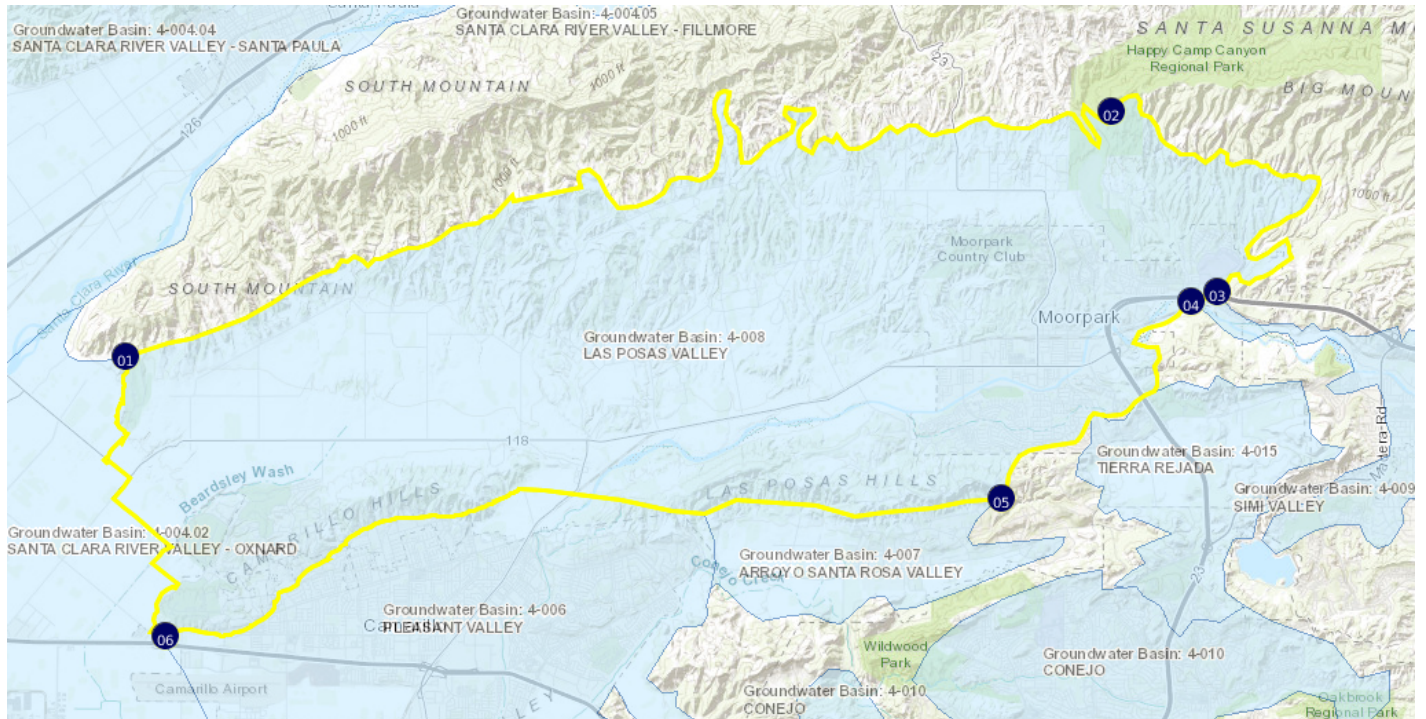
<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	^E Alluvial	Begins at point (1) and follows the contact of Quaternary alluvium with various Plio-Pleistocene marine deposits to point (2).	{a}
2-3	^E Alluvial	Continues from point (2) and generally follows the contact of Quaternary alluvium and Plio-Pleistocene nonmarine deposits with Oligocene nonmarine and Miocene marine deposits to point (3).	{a}
3-4	^I Unknown	Continues from point (3) and follows an unknown feature to point (4).	{b}
4-5	^E Alluvial	Continues from point (4) and generally follows the contact of Quaternary alluvium and Plio-Pleistocene nonmarine deposits with Oligocene nonmarine and Miocene marine deposits to point (5).	{a}
5-6	^I Fault	Continues from point (5) and follows the Springville fault to point (6).	{a}
6-1	^I Property	Continue from point (6) and follows parcel lines and ends at point (1).	{c}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>	
1	34.28088987	-119.109830326	
2	34.331176088	-118.863626838	
3	34.294085175	-118.837197481	
4	34.292171285	-118.843826184	
5	34.251448585	-118.891266427	
6	34.223266492	-119.100128913	

Map

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<https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=4-008>

References

<u>Ref</u>	<u>Citation</u>	<u>Pub Date</u>	<u>Global ID</u>
{a}	California Geological Survey (CGS), Geologic Atlas of California Map No. 008, Los Angeles Sheet, , 1:250,000, Charles W. Jennings and Rudolph G. Strand.URL: http://www.quake.ca.gov/gmaps/GAM/losangeles/losangeles.html	1969	33
{b}	Unknown/other/new	varies	46
{c}	BBMRS	varies	45

Footnotes

- I: Internal
- E: External