

3-002.01 CORRALITOS - PAJARO VALLEY

Basin Boundaries

Summary

The Pajaro Valley groundwater subbasin is a portion of the Corralitos Basin, located in Santa Cruz and Monterey counties. The northern boundary of the subbasin is the northern boundary of the Pajaro Valley Water Management Agency. The eastern boundary of the subbasin is the San Andreas Fault, adjacent pre-Quaternary formations, and the Santa Cruz Mountains. The southern boundary of the subbasin is comprised of the pre-Quaternary formations and the southern boundary of the Pajaro Valley Water Management Agency. The subbasin is bounded on the west by Monterey Bay. The basin boundary is defined by ten (10) segments detailed in the descriptions below.

Segment Descriptions

<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	^I Water Agency	Begins from point (1) and follows the northern boundary of the Pajaro Valley Water Management Agency to point (2).	{a}
2-3	^E Unknown	Continues from point (2) and follows UNKNOWN FEATURE through Pliocene marine deposits to point (3).	{b}
3-4	^E Non-Alluvial	Continues from point (3) and follows the contact of Quaternary to Pleistocene nonmarine deposits with Pliocene marine rocks to point (4).	{c}
4-5	^E Alluvial	Continues from point (4) and follows the contact of Quaternary to Pleistocene alluvium with granitic or volcanic rocks to point (5).	{c}
5-6	^I Watershed	Continues from point (5) and follows the Bolsa Nueva/Salinas watershed line to point (6).	{d}
6-7	^E Alluvial	Continues from point (6) and generally follows the contact of alluvium with granite to point (7).	{c}
7-8	^I Water Agency	Continues from point (7) and approximately follows the Pajaro Valley Water Management Agency boundary to point (8).	{a}
8-9	^I Water Agency	Continues from point (8) and approximately follows the Pajaro Valley Water Management Agency boundary to point (9).	{a}
9-10	^E Water Agency	Continues from point (9) and follows the Pajaro Valley Water Management Agency boundary to point (10).	{a}
10-1	^I Water Agency	Continues from point (10) and follows the northern boundary of the Pajaro Valley Water Management Agency and ends at point (1).	{a}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>	
1	37.010366944	-121.824192619	
2	37.010617854	-121.754876256	
3	36.981683407	-121.737322622	
4	36.889987072	-121.607152903	
5	36.834899685	-121.635939716	
6	36.832078758	-121.639630868	
7	36.847942525	-121.663763923	
8	36.838835741	-121.698152472	
9	36.807954943	-121.789677894	
10	36.931499272	-121.862620931	

Map

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<https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=3-002.01>

References

Ref	Citation	Pub Date	Global ID
{a}	California Department of Water Resources (DWR), Water Agencies Dataset.URL: https://gis.water.ca.gov/app/bbat/	2016	48
{b}	Unknown/other/new	varies	46
{c}	California Geological Survey (CGS), Geologic Atlas of California Map No. 020, Santa Cruz Sheet, , 1:250,000, Charles W. Jennings and Rudolph G. Strand .URL: http://www.quake.ca.gov/gmaps/GAM/santacruz/santacruz.html	1958	34
{d}	United States Geological Survey (USGS), National Hydrography Dataset, Watershed Boundary Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA).URL: http://datagateway.nrcs.usda.gov	2016	49

Footnotes

- I: Internal
- E: External