

## Quien Sabe Valley Groundwater Basin

- Groundwater Basin Number: 3-24
- County: San Benito
- Surface Area: 4,710 acres (7 square miles)

### Basin Boundaries and Hydrology

Quien Sabe Valley is a sparsely populated north south-orientated valley of about nine miles in length in the Coast Range Mountains of San Benito County. The elevation ranges from approximately 1,500 to 1,700 feet. The basin is mapped as Quaternary alluvium and is for the most part bounded by Miocene volcanic rocks, with the exception of the southern end, which is bounded, by rocks of the Franciscan Formation (Jennings and Strand 1958). The basin boundary confidence is high. Quien Sabe Creek drains the basin southward exiting at the south end of the valley through a narrow canyon to Los Muertos Creek and into Tres Pinos Creek to the San Benito River. Average precipitation is 17 inches.

### Hydrogeologic Information

#### ***Water Bearing Formations***

No specific published information on water bearing units was found. A review of San Joaquin District well completion report files found three well reports in the basin. Depth of these wells ranged from 114 to 255 feet and encountered alluvial materials to a depth of at least 77 feet.

#### ***Groundwater Level Trends***

No data was found regarding water level trends. Well completion report files for one well drilled in 1960 reported a groundwater level of 18 below the land surface.

#### ***Groundwater Storage***

No published information on groundwater storage was found.

#### ***Groundwater Budget (Type C)***

There is no information to provide an estimate of this basin's budget.

#### ***Groundwater Quality***

No groundwater quality information was found in the published literature. Data in DWR files was limited to three wells sampled once in 1961. The EC for these wells ranged from 551 to 855  $\mu\text{mhos/cm}$ . It appears that the water quality of this basin may be somewhat better than some of the other small basins in the Coast Range Mountains of San Benito County. This may be due to the fact that the rocks surrounding the basin are comprised primarily of volcanic materials as opposed to marine sediments as is the case in some of the other basins.

## Well Production characteristics

Well yields (gal/min)	
Municipal/Irrigation	Range: 122 (one well)
Total depths (ft)	
Domestic	Range: 114-255
Municipal/Irrigation	

## Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
Department of Health Services and cooperators	Groundwater levels	NKD
	Miscellaneous water quality	NKD
	Title 22 water quality	0

## Basin Management

Groundwater management:	San Benito County adopted a groundwater ordinance in 1995.
Water agencies	
Public	None
Private	None

## References Cited

California Department of Water Resources (DWR), San Joaquin District. Well completion report files.

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Jennings, Charles W. and Rudolph G. Strand (compilers). 1958. Santa Cruz Sheet of *Geologic Map of California*. California Division of Mines and Geology (CDMG). Scale 1:250,000.

## Errata

Changes made to the basin description will be noted here.