

Pozo Valley Groundwater Basin

- Groundwater Basin Number: 3-44
- County: San Luis Obispo
- Surface Area: 6,840 acres (10.7 square miles)

Basin Boundaries and Hydrology

The Pozo Valley Groundwater Basin, which is in central San Luis Obispo County, is bounded on all sides by low permeability rocks of Cretaceous and Miocene age. The basin is drained by Pozo Creek and the Salinas River, both of which flow into Santa Margarita Lake. Precipitation ranges from 19 to 23 inches.

Hydrogeologic Information

Water Bearing Formations

Groundwater is found in alluvium of Holocene age. Specific yield in the basin is estimated at 15 percent (DWR 1958).

Alluvium. The alluvium, which consists of sand, gravel, and clay, is up to 30 feet thick (DWR 1958).

Recharge Areas

Recharge to the basin is by percolation of stream flow, precipitation in the valley, and excess irrigation flow (DWR 1958).

Groundwater Level Trends

Groundwater flow is generally westward.

Groundwater Storage

Groundwater Storage Capacity. The total storage capacity is estimated at 2,000 af (DWR 1958; DWR 1986).

Groundwater in Storage. Unknown.

Groundwater Budget (Type C)

No information is available.

Groundwater Quality

Characterization. Analyses of groundwater from 5 wells in this basin taken during 1951 through 1988 show TDS content ranging from 287 to 676 mg/L.

Impairments. No information is available.

Well Production characteristics

Well yields (gal/min)		
Municipal/Irrigation	Range: up to 230 gal/min	Average: 100 gal/min (DWR 1958)
Total depths (ft)		
Domestic	Range:	Average:
Municipal/Irrigation	Range: up to 230 ft	Average: 50 ft (DWR 1958)

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
Department of Health Services and cooperators	Groundwater levels	5
	Miscellaneous water quality	
	Title 22 water quality	

Basin Management

Groundwater management:

Water agencies

Public

San Luis Obispo County -
Department of Public Works

Private

References Cited

California Department of Water Resources (DWR). 1958. *San Luis Obispo County Investigation*. Bulletin 18. 288 p.

_____. Southern District. 1986. *San Luis Obispo County Master Water Plan Update*.

Errata

Changes made to the basin description will be noted here.