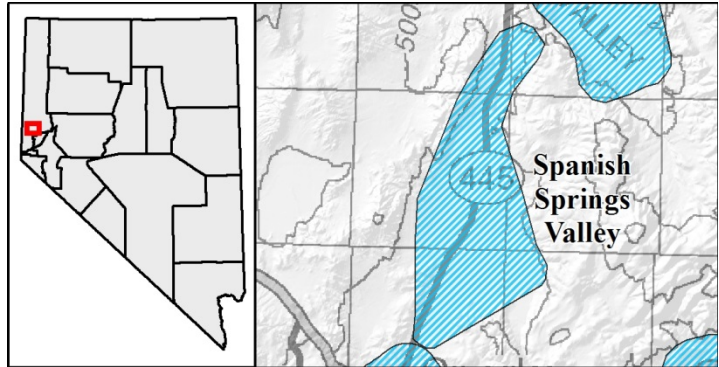


# Site Description

## Spanish Springs Valley (updated 2014)

### Geologic setting:

Spanish Springs Valley is located in southern Washoe County, Nevada, approximately 8 km northeast of the greater Reno-Sparks urban area within the Truckee River Basin. The valley is a smaller basin flanked by the Pah Rah Range towards the east and Hungry Ridge towards the west. The Spanish Springs Valley is located just to the east of the Seirra Nevadas and lies within the rain shadow created by the range making the area very dry and arid with little rain throughout the year (Thiros and Huntington, 2010).



### Geothermal features:

Three water wells in Spanish Springs Valley are known to have encountered warm groundwater. A 130-m well in Sec. 2, 21N, R20E is reported to have warm water, and two water wells drilled by Washoe County in Sec. 34, T21N, R20E to depths of 189m and 207m have reported water temperatures of 29°C and 35°C (Great Basin Groundwater Geochemical Database).

### Leasing information:

N/A

### Bibliography:

Great Basin Groundwater Geochemical Database, Nevada Bureau of Mines and Geology: <http://www.nbmng.unr.edu/Geothermal/GeochemDatabase.html>.

[Thiros, S.A., Bexfield, L.M., Anning, D.W., and Huntington, J.M., eds., 2010, Conceptual understanding and groundwater quality of selected basin-fill aquifers in the Southwestern United States: U.S. Geological Professional Paper 1781, 288p, section 5](#)