



NOTE: WATER ELEVATIONS ARE DEPTH TO WATER SURFACE

Water flows underground (a combination of subsurface flow and groundwater) in Millard Canyon in the vicinity of the License 659 Point of Diversion and into the Cabazon Storage Unit. In addition, surface flow not used for irrigation under License 659 is put to beneficial use by way of storage in the Cabazon Storage Unit as groundwater during normal rainfall conditions. The time of travel of subsurface flow from Millard Canyon to the Whitewater River is approximately 77 years. The time of travel calculation is based on factors including a distance of approximately 84,000 feet, slope, hydraulic gradient, hydraulic conductivity, and effective porosity. Under nearly ALL conditions (except during extreme rainfall and runoff conditions) surface water associated with License 659 never leaves the Morongo Reservation and is NOT available for SWRCB appropriation by others.



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**MORONGO BAND OF MISSION INDIANS**

**LICENSE 659**  
**SUBSURFACE FLOW AND GROUNDWATER IN SAN GORGONIO VALLEY - CROSS SECTION VIEW**