

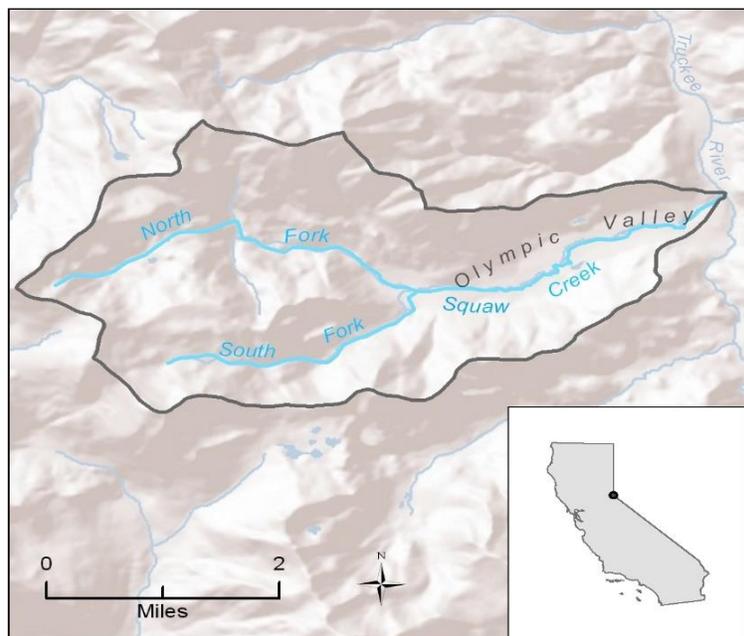
Water Quality Report Card	
Regional Water Board:	Lahontan, Region 6
Beneficial Uses Affected:	COLD, COMM, MIGR, REC-1, REC-2, MIGR, WILD
Implemented Through:	MS4 Permit, WDR
Effective Date:	July 27, 2007
Attainment Date:	2026

Sediment in Squaw Creek	
STATUS	<input type="checkbox"/> Conditions Improving
	<input checked="" type="checkbox"/> Data Inconclusive
	<input type="checkbox"/> Improvement Needed
	<input type="checkbox"/> Targets Achieved/Waterbody Delisted
Pollutant Type:	<input type="checkbox"/> Point Source <input checked="" type="checkbox"/> Nonpoint Source <input checked="" type="checkbox"/> Legacy

### Water Quality Improvement Strategy

Squaw Creek, located in Placer County, is impaired due to sedimentation/siltation from historic and current watershed disturbance associated with land development. Land uses in the Squaw Creek Watershed are primarily for ski facilities, commercial and residential developments, and related infrastructure. [Bioassessment studies](#) conducted in 2000 and 2001 by researchers from University of California, Santa Barbara Sierra Nevada Aquatic Research Laboratory demonstrated degraded benthic aquatic invertebrate communities and physical channel conditions in Squaw Creek. To address the impairment, Region 6 completed the [TMDL for Sediment Squaw Creek, Placer County](#), which became effective in 2007. The TMDL is implemented through individual WDR (regulating responsible parties Squaw Valley Ski Corporation, Squaw Valley Neighborhood Company, [Squaw Creek Associates](#)), a MS4 Permit (regulating [Placer County](#)). In 2009, the responsible parties entered into a [cooperative agreement](#) to jointly pursue efforts to implement the sampling and analysis requirements of the TMDL. The data for the TMDL is currently reported in the Placer County/Town of Truckee, [Truckee River Water Quality Monitoring Annual Reports](#) (January 2011/2012).

### Squaw Creek Watershed



### Water Quality Outcomes

- Water quality data demonstrate that, in 2012, Squaw Creek did not meet the TMDL target BCS score (of 25 or more) at two of the three meadow sampling locations.
- Water quality data demonstrate that Squaw Creek's physical conditions have consistently not meet the TMDL target for medium streambed particle size (of 40mm or greater) at the three meadow sampling locations.
- The Squaw Creek TMDL compliance evaluation schedule states that biological health should be assessed using a three sampling event rolling average dataset and physical habitat trend assessment after three consecutive sampling events are completed. Because there are only two datasets (2010 and 2012), data-supported conclusions are pre-mature at this time.
- The responsible parties under the WDR are required to provide additional surface water monitoring and erosion control monitoring, have a Quality Assurance Project Plan, and submit reports to Region 6 to determine compliance. The Monitoring and Reporting Programs were updated in 2009/2010 to reflect TMDL requirements.

### Squaw Creek Water Quality

