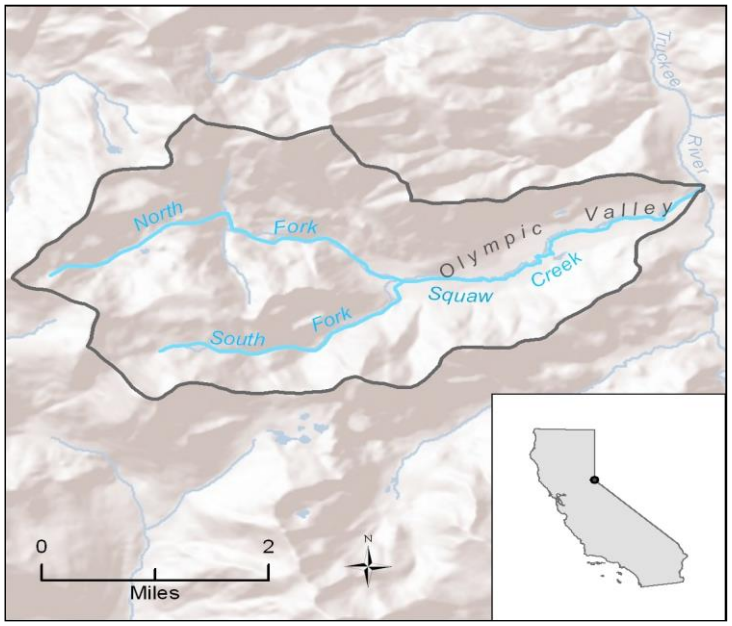
Total Maximum Daily Load Progress Report		Squaw Creek Sediment TMDL	
Regional Water Board	**Lahontan, Region 6**	**STATUS**	☐ Conditions Improving ☑ **Data Inconclusive** ☐ Improvement Needed ☐ TMDL Achieved/Waterbody Delisted
Beneficial uses affected:	COLD, COMM, MIGR, REC-1, REC-2, SPWN, WILD		
Pollutant(s) addressed:	Sediment		
Implemented through:	MS4 Storm Water Permit, Waste Discharge Requirements (WDRs)		
Approval date:	July 27, 2007		

TMDL Summary

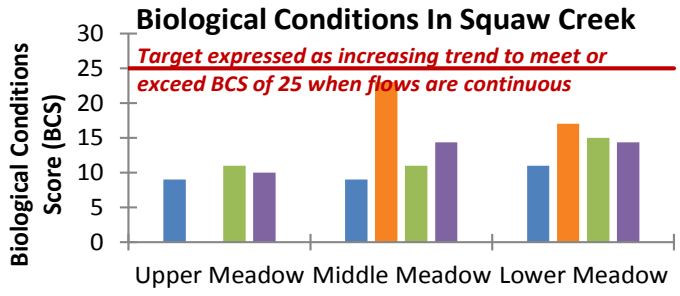
Squaw Creek is impaired due to sedimentation/siltation from historic and current watershed disturbance associated with land development. Land uses in the watershed are primarily for ski facilities, commercial and residential developments, and related infrastructure. Bioassessment studies conducted in 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. The Lahontan Regional Board completed the Squaw Creek TMDL for Sediment, which was approval by U.S. EPA in 2007.

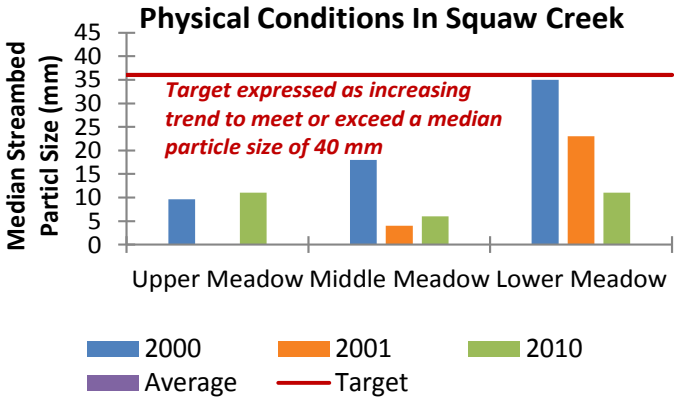
The responsible parties are Squaw Valley Ski Corp, Squaw Valley Neighborhood Company, Squaw Creek Associates (regulated through individual WDRs), and Placer County (regulated through MS4). In 2009, the responsible parties entered into a cooperative agreement to jointly pursue efforts to implement the sampling and analysis requirements of the TMDL. The data for the Squaw Creek TMDL is currently reported in the Placer County/Town of Truckee *Truckee River Water Quality Monitoring Annual Reports (January 2011/2012).*

Squaw Creek Watershed



Squaw Creek Water Quality Data





Water Quality Outcomes

- *2010 data at the three meadow sampling locations of Squaw Creek do not meet the TMDL BCS score of 25 or more. The physical conditions also does not meet the TMDL target for median streambed particles of 40mm or greater.*
- *The Squaw Creek TMDL compliance evaluation schedule states that biological health should be assessed using 3-sampling event rolling average datasets and physical habitat trend assessment after three consecutive sampling events are completed. Because there is only one dataset (2010) for this progress report, data-supported conclusions are pre-mature.*
- *The Squaw responsible entities under Waste Discharge Requirements are responsible for providing additional surface water monitoring and erosion control monitoring, have a Quality Assurance Project Plan, and submit reports to the Lahontan Water Board to determine compliance. The Monitoring and Reporting Programs were updated in 2009/2010 to reflect TMDL requirements.*

Updated September 2012