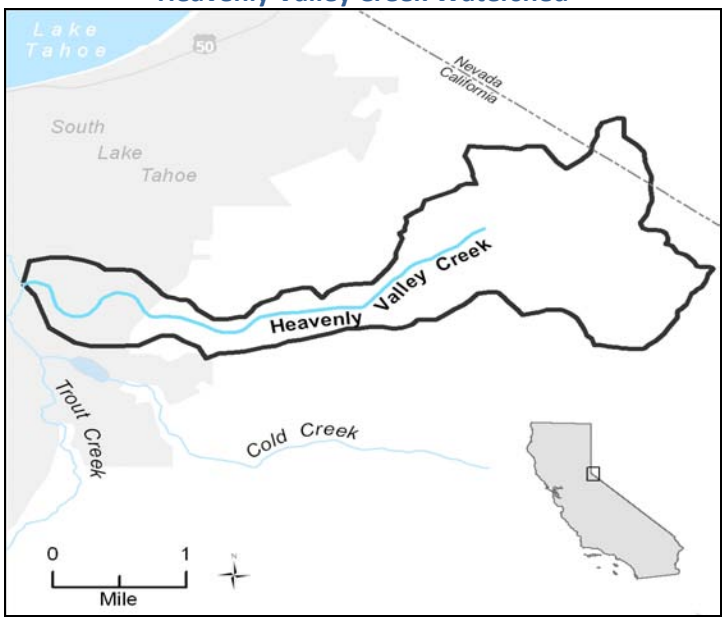
Total Maximum Daily Load Progress Report		Heavenly Valley Creek Sediment TMDL
Regional Water Board	**Lahontan (R6)**	
Beneficial uses affected	COLD, RARE, MIGR, SPWN	**STATUS** ☑ Conditions Improving ☐ Data Inconclusive ☐ Improvement Needed ☐ TMDL Achieved/Waterbody Delisted
Pollutant(s) addressed:	Sediment	
Implemented through:	Waste Discharge Requirements	
Approval date:	September 2002	

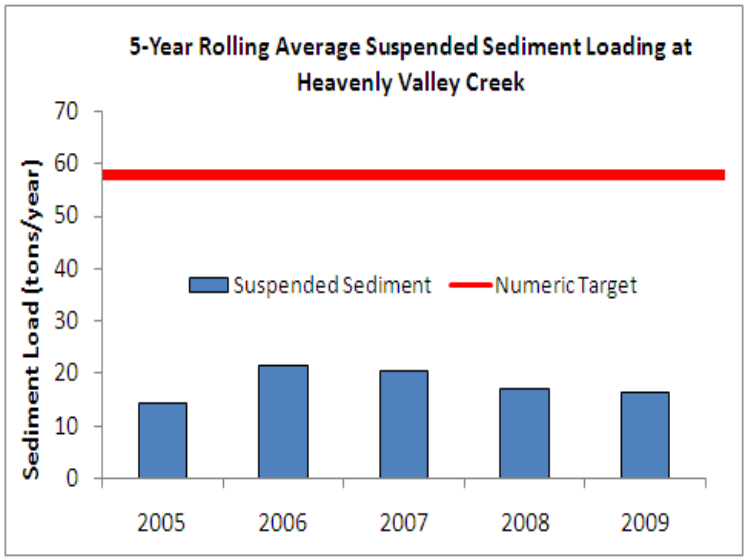
TMDL summary:

Heavenly Valley Creek (from the headwaters to the Heavenly ski resort permit boundary) is listed for sediment due to the increased sediment delivery from the ski resort development, including ski runs, roads, and the steep hillslope erosive capabilities. Monitored suspended sediment concentrations have been higher than those at reference stations since the 1970s. Conditions have led to the decline of the creek's ability to support aquatic life. The Lahontan Regional Board completed the TMDL for sediment in Heavenly Valley Creek with approval by USEPA in 2002. The responsible parties are the U.S. Forest Service, Lake Tahoe Basin Management Unit (LTBMU) and its permittee, Heavenly Ski Resort. The TMDL is implemented through Heavenly Ski Resort Waste Discharge Requirements and tracked by the Monitoring and Reporting Program. Instream standards of this TMDL are projected to be met by 2021.

Heavenly Valley Creek Watershed



Heavenly Valley Creek Water Quality



Water Quality Outcomes

- Water quality data from 2001-2010 show that the instream sediment load does not exceed the TMDL target of 58 tons/yr as a 5-year rolling average (to account for seasonal and annual variability).
- Since the adoption of the TMDL, Heavenly Ski Resort has abandoned and restored 7.59 acres of existing unpaved roads, stabilized 21.10 acres of existing roads which remain in use, restored 182 acres of existing ski runs, and maintains BMPs as necessary.
- Additional Monitoring by responsible parties include: 1) bioassessment monitoring performed on three reaches of Heavenly Valley Creek and one reach of Hidden Valley Creek with a frequency of two years on and two years off; and 2)a stream condition inventory performed every 3 years.

Updated September 2011