Water Quality Report Card

Sediment in Washeshu Creek

Regional Water Board: Lahontan, Region 6

Beneficial Uses Affected: COLD, SPWN, REC-1, REC-2, WILD, MIGR, and COMM

Implemented Through: MS4 Storm Water Permit, Waste Discharge Requirements (WDRs)

Effective Date: July 2007

Attainment Date: 2027

STATUS
Conditions Improving
Data Inconclusive
Improvement Needed
Targets Achieved/Water Body Delisted

Pollutant Type: Nonpoint Source Legacy

Pollutant Source: Erosion/Siltation, Hydromodification Construction/Land Development, Urban Storm Water Runoff, Recreation and Tourism (non-boating)

Water Quality Improvement Strategy

Washeshu Creek, located in Placer County, is listed on the Clean Water Act Section 303(d) List as impaired due to sedimentation/siltation from historic and current watershed disturbance associated with land use and development. Land uses in the Washeshu Creek Watershed are primarily ski facilities, a golf course, commercial and residential developments, and related infrastructure. To address the sediment/siltation impairment in the Creek, the Lahontan Regional Water Board completed the TMDL for sediment in Washeshu Creek which became effective in 2007. The TMDL is implemented through individual Waste Discharge Requirement (WDR) permits (regulating responsible parties: Palisades Tahoe, Palisades Village Neighborhood Co., and Everline Resort & Spa), and a Municipal Separate Storm Sewer System (MS4) Permit for Placer County. In 2009, these responsible parties entered into a cooperative agreement to jointly pursue efforts to implement the sampling and analysis requirements of the TMDL. Data for the TMDL is currently reported in the Placer County/Town of Truckee, Truckee River Water Quality Monitoring Annual Reports (January 2011-2026).

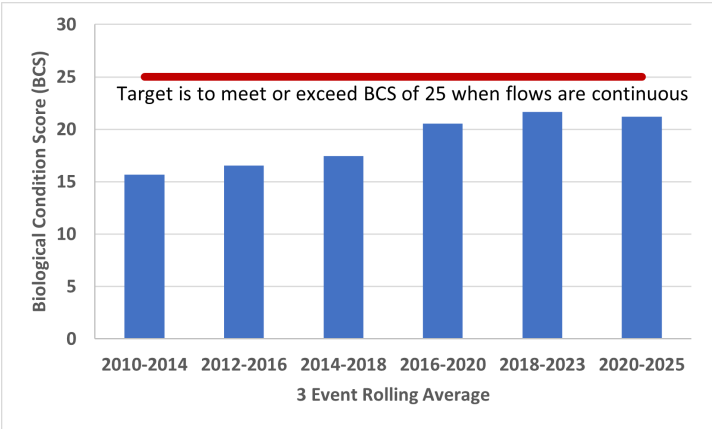
Biological Condition Score (BCS)

Biological Condition Score (BCS), a watershed-specific bioassessment index, is based on averaging scores from three sampling locations during one sampling event on Washeshu Creek (Upper, Middle, and Lower Meadow). Sampling events occur every two years, consecutive BCS scores are averaged to calculate each three-event rolling average. The BCS target will be met when the rolling average for three consecutive BCS meets or exceeds 25.

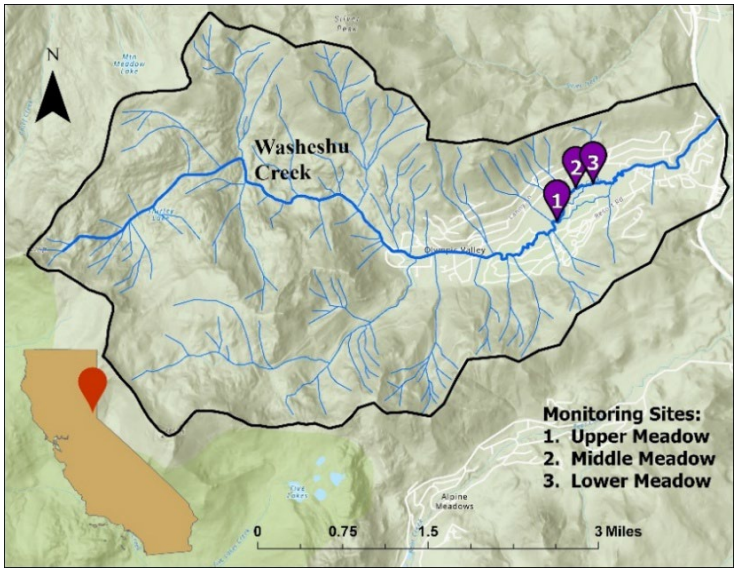
TMDL Targets

Biological Condition Score (BCS)	3-event rolling average ≥ 25
Sediment Median Particle Size	≥40 mm
Percent fines and sand (particle size <3mm)	≤25% fines and sand

Washeshu Creek BCS



Washeshu Creek Watershed Map



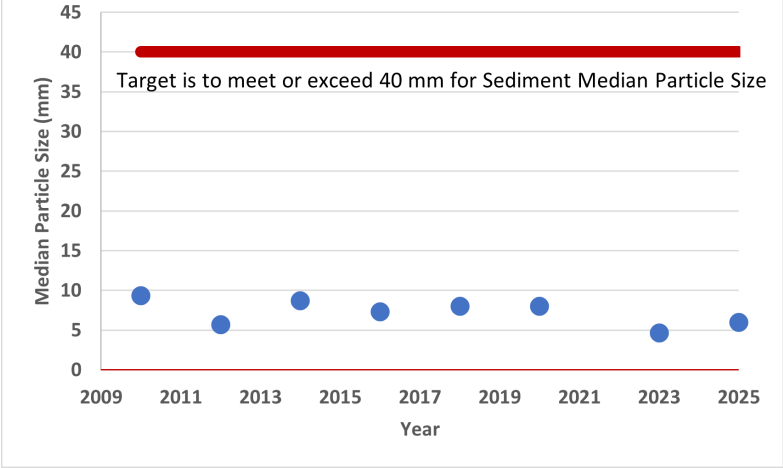
Water Quality Outcomes

Long-term TMDL targets have not been attained. Data shows:

- *an **increase** in Biological Condition Score (BCS) **towards** the target.*
- ***no trend** in Median Particle size **towards attainment**.*
- *an **increase** in percent fines and sand **away** from the target.*

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Sediment Median Particle Size



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