

Lahontan Water Board Program Fact Sheet FY 2016-17

Total Maximum Daily Load (TMDL)

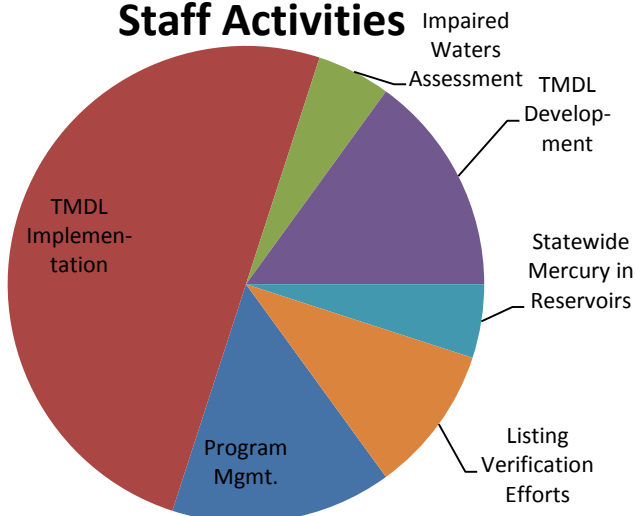
Overview

The TMDL Program addresses impaired waters of the Region and satisfies Clean Water Act Section 303 and 305 requirements. The TMDL Program resources are a combination of funds from the state's Waste Discharge Permit Fee account and federal TMDL development program. The state funds 4.3 PY for TMDL and Basin Planning work and the federal program funds 1.2 PY for TMDL development. TMDL staff assesses waterbodies for water quality impairments, determines possible sources, types and magnitude of impairments, and prepares plans to restore beneficial uses of the impaired waterbodies through TMDLs and other means.

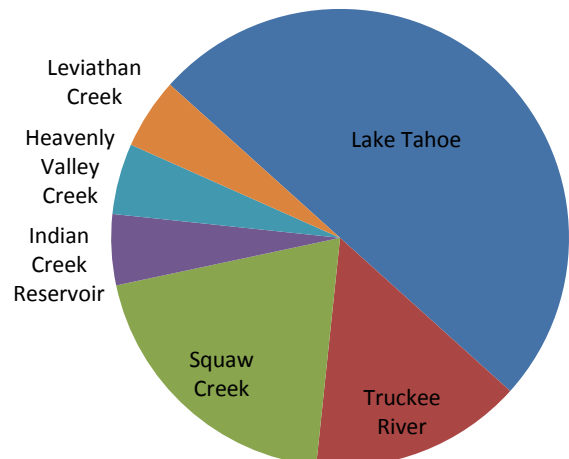
Key Efforts

- Implement adopted TMDLs
- Address impairments identified as USEPA Vision projects by 2022 (West Fork Carson River and Bishop Creek)
- Assess all water quality data and re-segment Susan River and West Fork Carson River as part of 2018 Integrated Report
- Develop TMDLs or regulatory actions to restore beneficial uses to waterbodies in the Region whose water quality objectives are impacted by controllable pollution.

Staff Activities



TMDL Implementation



Accomplishments

Lake Tahoe TMDL Implementation - The first five-year TMDL implementation target was met by local government and state highway departments. Fine sediment particle loading to Lake Tahoe was reduced by 10%. TMDL program managers completed annual Findings and Recommendations Memorandum describing lessons learned and recommending modest program adjustments.

Squaw Creek TMDL 10-year Review - Staff assessed bioassessment data collected to measure effectiveness of TMDL requirements. Trends cannot be determined until implementation of two more sampling cycles. Applicability and comparability of different bioassessment scoring methods were also evaluated, and no changes in methods are being proposed at this time.

West Fork Carson River - Water Board staff completed a draft Problem Statement for multiple impairment listings. Staff has identified nonpoint source control actions in lieu of a TMDL as an EPA Vision Project.

Integrated Report Planning - In preparation for the 2018 Integrated Report cycle, staff and contractors conducted an audit of Lahontan Region data in the CEDEN database. Also, several years of pathogen data was uploaded.

Performance targets for fiscal year 2015-16 and 2016-17

<u>Target Description</u>	<u>Targets</u>	<u>Achieved</u>
# of pollutant/waterbody combinations addressed	0	0
# of TMDLs (or TMDL alternatives) adopted	0	0

*To comply with the new USEPA TMDL Vision, Water Board staff committed to addressing water quality concerns in Bishop Creek (pathogens) and the West Fork Carson River (nutrients, pathogens, turbidity, TDS) by 2022.

Unaddressed Work

- West Fork Carson River data analysis and formal public outreach to complete TMDL or TMDL alternative
- Addressing Bishop Creek pathogens: project planning
- Completion of impairment verification by assessing two years or more of monitoring data to determine validity of 303(d) listings
- Numerous 303(d) listings unaddressed
- Formulating Natural Source Exclusions policy