

2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENT

*Approved by USEPA:
July 2003*

LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Aspen Creek	63210080	Metals <i>Affected by acid mine drainage from Leviathan Mine. TMDL to be coordinated with Regional Board /CERCLA remediation programs.</i>	Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint Source	Low	0.93 Miles	
6	R	Aurora Canyon Creek	63030040	Habitat alterations <i>Since creek is not impaired by pollutants, a TMDL may not be required under pending revisions to federal regulations.</i>	Range Grazing-Riparian and/or Upland	Low	8.1 Miles	
6	R	Bear Creek (Placer County)	63520010	Sedimentation/Siltation <i>Creek affected by hydrologic modification for ski resort/snow making pond.</i>	Hydromodification Nonpoint Source	Medium	3 Miles	
6	R	Big Meadow Creek	63410011	Pathogens	Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boating)	Low	1.4 Miles	
6	R	Blackwood Creek	63420021	Iron Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Blackwood Creek.</i>	Erosion/Siltation Natural Sources Nonpoint Source Silviculture Resource Extraction Hydromodification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources Nonpoint Source	Low Low	5.9 Miles 5.9 Miles	

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				Phosphorus		Low	5.9 Miles	
				<i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL for creek may be needed.</i>				
					Grazing-Related Sources			
					Silviculture			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		Medium	5.9 Miles	
				<i>Creek affected by past gravel quarry operations and other watershed disturbance including grazing and timber harvest.</i>				
					Range Grazing-Riparian and/or Upland			
					Silviculture			
					Construction/Land Development			
					Surface Runoff			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
					Nonpoint Source			
6	R	Bodie Creek	63020031	Metals		Medium	11 Miles	
				<i>Affected by drainage from inactive mines, mine tailings in creek.</i>				
					Resource Extraction			
					Mine Tailings			
					Inactive Mining			
					Nonpoint Source			

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6	L	Bridgeport Reservoir	63030050	Nitrogen	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Wastewater - land disposal Flow Regulation/Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating)	Medium	2614 Acres	
				Phosphorus	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Wastewater - land disposal Flow Regulation/Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Natural Sources Recreational and Tourism Activities (non-boating)	Medium	2614 Acres	
				Sedimentation/Siltation	Grazing-Related Sources Streambank Modification/Destabilization Erosion/Siltation Sediment Resuspension	Medium	2614 Acres	

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6	R	Bronco Creek	63520053	Sedimentation/Siltation <i>Watershed disturbance in naturally highly erosive watershed.</i>	Silviculture Natural Sources Nonpoint Source	Medium	1.3 Miles	
6	R	Bryant Creek	63210080	Metals <i>Affected by acid mine drainage from Leviathan Mine. Problem being addressed through RWQCB and CERCLA remediation programs.</i>	Mine Tailings Acid Mine Drainage Inactive Mining Nonpoint Source	Low	5.2 Miles	
6	R	Buckeye Creek	63040022	Pathogens	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boating)	Low	17 Miles	
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014	Nitrogen	Silviculture Onsite Wastewater Systems (Septic Tanks) Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	18 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus <i>Revision of standard may be considered.</i>	Silviculture Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	18 Miles	
				Sodium	Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	18 Miles	
6	R	Carson River, West Fork (Paynesville to State Line)	63310013	Pathogens	Pasture Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-irrigation tailwater	Low	3.3 Miles	

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6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012	Nitrogen <i>Revision of standards may be considered.</i>	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-subsurface drainage Agriculture-irrigation tailwater Silviculture Wastewater - land disposal Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
				Pathogens	Pasture Grazing-Riparian and/or Upland Agricultural Return Flows Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
				Sodium	Agriculture-storm runoff Agriculture-irrigation tailwater Agriculture-grazing Wastewater - land disposal Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
6	W	Cinder Cone Springs	63520010	Nutrients <i>Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978). Further monitoring may support delisting.</i>	Wastewater - land disposal	Medium	1 Acres	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION	
				Salinity/TDS/Chlorides		Medium	1 Acres		
				<i>Subsurface drainage from former wastewater disposal area. Has not been monitored routinely in recent years; further monitoring may support delisting.</i>					
				Wastewater - land disposal					
6	R	Clark Canyon Creek	63030041	Habitat alterations		Low	5 Miles		
				<i>Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes in federal regulations.</i>					
				Range Grazing-Riparian and/or Upland					
6	R	Clearwater Creek	63040051	Sedimentation/Siltation		Medium	12 Miles		
				<i>Listed on basis of limited information; additional monitoring may support delisting.</i>					
				Range Grazing-Riparian and/or Upland					
				Construction/Land Development					
				Highway Maintenance and Runoff					
6	R	Cottonwood Creek (below LADWP diversion)	60330000	Flow alterations		Low	1.8 Miles		
				<i>Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes to federal regulations.</i>					
				Water Diversions					
6	L	Crowley Lake	60310090	Nitrogen		Medium	4861 Acres		
				<i>TMDL expected to use data from ongoing Section 319-funded study of nutrient loading and salary-savings funded study of internal nutrient cycling.</i>					
				Grazing-Related Sources					
				Atmospheric Deposition					
				Internal Nutrient Cycling (primarily lakes)					
				Natural Sources					
				Nonpoint Source					
				Phosphorus		Medium	4861 Acres		
				<i>TMDL expected to use data from ongoing Section 319 -funded study of nutrient loading and salary-savings funded study of internal nutrient cycling.</i>					
				Grazing-Related Sources					
				Erosion/Siltation					
				Internal Nutrient Cycling (primarily lakes)					
				Natural Sources					
				Nonpoint Source					

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6	L	Donner Lake	63520021	Priority Organics		Low	819 Acres	
<i>PCBs in fish and sediment exceed Maximum Tissue Residue Level criteria; unknown nonpoint sources. Additional monitoring/study necessary to determine sources/cleanup potential for priority organics. TMDLs for organics to be addressed during years 6-13 of 13 years of the TMDL development process, resources permitting.</i>								
Source Unknown								
6	L	Eagle Lake (Lassen County)	63732000	Nitrogen		Low	20704 Acres	
Agriculture Grazing-Related Sources Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Wastewater Onsite Wastewater Systems (Septic Tanks) Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source								
Phosphorus								
Grazing-Related Sources Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Wastewater Onsite Wastewater Systems (Septic Tanks) Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source								

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6	R	East Walker River, above Bridgeport Reservoir	63030050	Pathogens	Pasture Grazing-Riparian and/or Upland Other Urban Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	7.2 Miles	
6	R	East Walker River, below Bridgeport Reservoir	63030050	Nitrogen	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Highway/Road/Bridge Runoff Upstream Impoundment Flow Regulation/Modification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources	Low	8 Miles	
				Phosphorus	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Upstream Impoundment Flow Regulation/Modification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources	Low	8 Miles	
				Sedimentation/Siltation	Grazing-Related Sources Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Upstream Impoundment Erosion/Siltation	Low	8 Miles	

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6	R	General Creek	63420030	Iron		Low	9.1 Miles	
					Silviculture Natural Sources			
				Phosphorus		Low	9.1 Miles	
					Erosion/Siltation Atmospheric Deposition Natural Sources			
6	R	Goodale Creek	60330112	Sedimentation/Siltation		Low	12 Miles	
				<i>Potential for delisting following further monitoring.</i>				
				Range Grazing-Riparian and/or Upland				
6	R	Gray Creek (Nevada County)	63520052	Sedimentation/Siltation		Medium	2.8 Miles	
				<i>Sediment from disturbance of naturally highly erosive watershed.</i>				
					Silviculture Natural Sources Nonpoint Source			
6	R	Green Creek	63030050	Habitat alterations		Low	16 Miles	
				<i>Creek listed due to impacts of hydromodification by Dynamo Pond facility. May be placed on separate list of waters impaired by pollution and not requiring TMDLs if pending revisions to TMDL regulations take effect.</i>				
				Range Grazing-Riparian and/or Upland Hydromodification				
6	R	Green Valley Lake Creek	62820000	Priority Organics		Medium	3.8 Miles	
				<i>Priority organics (source unknown) were detected in stream in 1980s; no monitoring since. Stream needs reevaluation to determine need for listing.</i>				
				Source Unknown				
6	L	Haiwee Reservoir	62410071	Copper		High	1703 Acres	2003
				<i>Copper problems related to algicide used to prevent taste/odor problems in drinking water supplies. TMDL development in progress. A determination of whether or not this water body is a "water of the United States" will be made by the Regional Water Quality Control Board.</i>				
				Other				

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6	R	Heavenly Valley Creek (source to USFS boundary)	63410031	Chloride <i>Chloride standard may be revised.</i>	Highway/Road/Bridge Runoff Atmospheric Deposition Natural Sources Source Unknown	Low	2 Miles	
				Phosphorus	Erosion/Siltation Atmospheric Deposition Natural Sources Recreational and Tourism Activities (non-boating)	Low	2 Miles	
6	R	Heavenly Valley Creek (USFS boundary to Trout Creek)	63410031	Chloride	Highway/Road/Bridge Runoff Atmospheric Deposition Natural Sources Source Unknown	Low	1.4 Miles	
				Sedimentation/Siltation	Construction/Land Development Land Development Hydromodification Habitat Modification Recreational and Tourism Activities (non-boating) Nonpoint Source	Low	1.4 Miles	
6	S	Honey Lake	63710060	Arsenic <i>Arsenic is ultimately from natural sources, but lake is affected by geothermal discharges. Further study needed to determine need for TMDL.</i>	Geothermal Development Flow Regulation/Modification Natural Sources Nonpoint Source	Low	57756 Acres	

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				Salinity/TDS/Chlorides <i>Further study needed to determine extent of impairment and need for TMDL.</i>	Agriculture Agricultural Return Flows Geothermal Development Agricultural Water Diversion Sediment Resuspension Natural Sources Nonpoint Source	Low	57756 Acres	
6	W	Honey Lake Area Wetlands	63710060	Metals <i>Additional monitoring needed to determine extent of impairment and need for TMDL.</i>	Agriculture Geothermal Development Natural Sources Nonpoint Source	Low	62590 Acres	
6	S	Honey Lake Wildfowl Management Ponds	63720095	Flow alterations <i>Ponds may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.</i>	Agricultural Water Diversion	Low	665 Acres	
				Metals <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Agriculture Geothermal Development Natural Sources	Low	665 Acres	
				Salinity/TDS/Chlorides <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Agriculture Geothermal Development Natural Sources	Low	665 Acres	
				Trace Elements <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Geothermal Development Nurseries	Low	665 Acres	
6	L	Horseshoe Lake (San Bernardino County)	62820000	Sedimentation/Siltation <i>Further monitoring may permit delisting.</i>	Construction/Land Development	Medium	31 Acres	

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6	R	Hot Springs Canyon Creek	63030042	Sedimentation/Siltation <i>Listed on basis of limited data; further monitoring may support delisting.</i>		Medium	2.9 Miles	
Range Grazing-Riparian and/or Upland								
6	R	Indian Creek (Alpine County)	63220010	Habitat alterations <i>Creek may be placed on list of water bodies impaired by pollution and not requiring TMDLs if pending revisions to regulations take effect.</i>		Low	13 Miles	
Agriculture Pasture Grazing-Riparian and/or Upland Agriculture-irrigation tailwater Upstream Impoundment Flow Regulation/Modification Agricultural Water Diversion								
				Pathogens		Low	13 Miles	
Grazing-Related Sources Pasture Grazing-Riparian and/or Upland								
6	L	Indian Creek Reservoir	63220010	Phosphorus <i>Reservoir is eutrophic. Most significant source of nutrient loading is release of phosphorus from sediment. Draft phosphorus TMDL, first released in 2000, is planned for revision and recirculation, with Regional Board consideration in July 2002. Reductions in phosphorus loading are expected to ameliorate other problems associated with eutrophication.</i>		High	164 Acres	2002
Pasture Grazing-Riparian and/or Upland Wastewater Flow Regulation/Modification Erosion/Siltation Internal Nutrient Cycling (primarily lakes)								
6	R	Lassen Creek	63720082	Flow alterations <i>Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollution rather than pollutants, and no TMDL would be developed.</i>		Low	8 Miles	
Flow Regulation/Modification								
6	R	Lee Vining Creek	60100035	Flow alterations <i>Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollution but not requiring TMDLs.</i>		Low	9 Miles	
Flow Regulation/Modification								

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6	R	Leviathan Creek	63210080	Metals <i>TMDL development to be coordinated with ongoing Regional Board and CERCLA remediation activities at Leviathan Mine site.</i>	Mine Tailings Acid Mine Drainage Inactive Mining Erosion/Siltation	Low	3.2 Miles	
6	R	Mammoth Creek	60310053	Metals <i>Needs monitoring to determine current extent of impairment and need for TMDL.</i>	Other Urban Runoff Natural Sources Nonpoint Source	Low	12 Miles	
6	R	Mill Creek (Modoc County)	64130011	Sedimentation/Siltation <i>Creek needs monitoring to determine current extent of impairment and need for TMDL.</i>	Range Grazing-Riparian and/or Upland	Low	4.2 Miles	
6	R	Mill Creek (Mono County)	60100080	Flow alterations <i>Under pending revisions to regulations, creek could be placed on a separate list of water bodies impaired by pollution and not requiring TMDLs.</i>	Water Diversions	Low	12 Miles	
6	R	Monitor Creek	63210070	Aluminum <i>TMDL to be coordinated with CERCLA remediation.</i>	Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source	Low	4 Miles	

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			Iron		Low	4 Miles	
			<i>TMDL to be coordinated with CERCLA remediation.</i>				
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
				Natural Sources			
				Nonpoint/Point Source			
			Manganese		Low	4 Miles	
			<i>TMDL to be coordinated with CERCLA remediation.</i>				
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
				Natural Sources			
				Nonpoint/Point Source			
			Silver		Low	4 Miles	
			<i>TMDL to be coordinated with CERCLA remediation.</i>				
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
				Natural Sources			
				Nonpoint Source			
			Sulfates		Low	4 Miles	
			<i>TMDL to be coordinated with CERCLA remediation.</i>				
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
				Nonpoint/Point Source			
			Total Dissolved Solids		Low	4 Miles	
			<i>TMDL to be coordinated with CERCLA remediation.</i>				
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
				Natural Sources			
				Nonpoint/Point Source			

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6	R	Owens River (Long HA)	60310090	Habitat alterations <i>River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes to federal regulations.</i>	Agriculture Grazing-Related Sources Hydromodification Flow Regulation/Modification	Low	26 Miles	
6	R	Owens River (Lower)	60330000	Habitat alterations <i>River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes in federal regulations.</i>	Agriculture Hydromodification	Low	53 Miles	
6	R	Owens River (Upper)	60320000	Habitat alterations <i>River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes to federal regulations.</i>	Agriculture Hydromodification	Low	69 Miles	
6	R	Pine Creek (Lassen County)	63720010	Sedimentation/Siltation <i>Creek may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes in federal regulations.</i>	Grazing-Related Sources Silviculture Highway/Road/Bridge Construction Hydromodification Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation	Low	55 Miles	
6	L	Pleasant Valley Reservoir	60320000	Organic Enrichment/Low Dissolved Oxygen	Flow Regulation/Modification Nonpoint Source	Medium	99 Acres	

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6	R	Robinson Creek (Hwy 395 to Bridgeport Res)	63030050	Pathogens	Pasture Grazing-Riparian and/or Upland Agricultural Return Flows Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boating)	Low	1.8 Miles	
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050	Pathogens	Pasture Grazing-Riparian and/or Upland Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boating)	Low	9.1 Miles	
6	R	Rough Creek	63020013	Habitat alterations <i>Creek may be placed on list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.</i>	Range Grazing-Riparian and/or Upland	Low	15 Miles	
6	R	Skedaddle Creek	63710054	High Coliform Count <i>USBLM program to mitigate grazing impacts has been implemented. Further study may lead to delisting.</i>	Range Grazing-Riparian and/or Upland	Medium	18 Miles	
6	R	Squaw Creek	63520011	Sedimentation/Siltation	Construction/Land Development Other Urban Runoff Hydromodification Drainage/Filling Of Wetlands Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source	Medium	5.8 Miles	
6	R	Susan River	63720095	Unknown Toxicity	Source Unknown	Low	58 Miles	

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LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Swauger Creek	63040012	Pathogens	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boating)	Low	14 Miles	
				Phosphorus	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Highway/Road/Bridge Runoff Surface Runoff Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources Nonpoint Source	Low	14 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Tahoe, Lake	63430010	Nitrogen	Grazing-Related Sources Silviculture Construction/Land Development Land Development Urban Runoff/Storm Sewers Urban Runoff--Non-industrial Permitted Other Urban Runoff Highway/Road/Bridge Runoff Surface Runoff Urban Runoff--Erosion and Sedimentation Hydromodification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Marinas and Recreational Boating Atmospheric Deposition Highway Maintenance and Runoff Internal Nutrient Cycling (primarily lakes) Natural Sources Recreational and Tourism Activities (non-boating) Golf course activities Groundwater Loadings	Medium	85364 Acres	

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			Phosphorus	Grazing-Related Sources Silviculture Highway/Road/Bridge Construction Land Development Urban Runoff/Storm Sewers Urban Runoff--Non-industrial Permitted Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Internal Nutrient Cycling (primarily lakes) Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source	Medium	85364 Acres	
			Sedimentation/Siltation	Grazing-Related Sources Silviculture Highway/Road/Bridge Construction Land Development Urban Runoff/Storm Sewers Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source	Medium	85364 Acres	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Tallac Creek (below Hwy 89)	63410041	Pathogens	Grazing-Related Sources Pasture Grazing-Riparian	Low	1.3 Miles	
6	L	Tinemaha Reservoir	60320000	Metals <i>Metals concern related to use of copper sulfate algicide. Further monitoring and assessment needed to determine extent of impairment.</i>	Other	Medium	984 Acres	
6	L	Topaz Lake	63110010	Sedimentation/Siltation <i>Additional monitoring and assessment needed to document extent of impairment.</i>	Agriculture Streambank Modification/Destabilization Erosion/Siltation Nonpoint Source	Medium	928 Acres	
6	R	Trout Creek (above Hwy 50)	63410020	Iron <i>Standards revision to be considered</i>	Urban Runoff--Non-industrial Permitted Erosion/Siltation Natural Sources	Low	10 Miles	
				Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>	Pasture Grazing-Riparian and/or Upland Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	10 Miles	
				Pathogens	Source Unknown	Low	10 Miles	
				Phosphorus <i>Phosphorus loading from creek to be considered during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>	Pasture Grazing-Riparian and/or Upland Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	10 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Trout Creek (below Hwy 50)	63410042	Iron	Urban Runoff--Non-industrial Permitted Erosion/Siltation Natural Sources	Low	0.78 Miles	
				Nitrogen	Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	0.78 Miles	<i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>
				Pathogens	Pasture Grazing-Riparian Natural Sources Recreational and Tourism Activities (non-boating) Transient encampments	Low	0.78 Miles	
				Phosphorus	Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	0.78 Miles	<i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>
6	R	Truckee River	63510010	Sedimentation/Siltation	Range Grazing-Riparian and/or Upland Silviculture Construction/Land Development Highway/Road/Bridge Construction Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Natural Sources Recreational and Tourism Activities (non-boating) Snow skiing activities Nonpoint Source	Medium	39 Miles	<i>Watershed disturbance including ski resorts, silvicultural activities, urban development, reservoir construction and management; highly erosive subwatersheds.</i>

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Truckee River, Upper (above Christmas Valley)	63410010	Iron	Natural Sources	Low	4.5 Miles	
				Pathogens	Grazing-Related Sources Natural Sources Recreational and Tourism Activities (non-boating)	Low	4.5 Miles	
				Phosphorus	Grazing-Related Sources Silviculture Natural Sources	Low	4.5 Miles	<i>Phosphorus loading from river to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for the Upper Truckee River.</i>
6	R	Truckee River, Upper (below Christmas Valley)	63410042	Iron	Erosion/Siltation Natural Sources Unknown Nonpoint Source	Low	11 Miles	
				Phosphorus	Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Unknown Nonpoint Source	Low	11 Miles	<i>Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL, but a more specific TMDL may be needed for the Upper Truckee River.</i>
6	R	Tuttle Creek	60330140	Habitat alterations		Low	13 Miles	<i>Creek may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations.</i>
					Range Grazing-Riparian and/or Upland			

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6	L	Twin Lakes (Owens HU)	60310051	Nitrogen <i>Monitoring needed to confirm extent of impairment and need for TMDL.</i>	Agriculture Grazing-Related Sources Construction/Land Development Land Development Other Urban Runoff Atmospheric Deposition	Low	26 Acres	
				Phosphorus <i>Monitoring needed to confirm degree of impairment and need for TMDL.</i>	Agriculture Grazing-Related Sources Construction/Land Development Land Development Other Urban Runoff	Low	26 Acres	
6	R	Ward Creek	63420020	Iron	Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources	Low	5.7 Miles	
				Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek.</i>	Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition Natural Sources	Low	5.7 Miles	

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				Phosphorus <i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek.</i>	Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Channel Erosion Erosion/Siltation Atmospheric Deposition Natural Sources	Low	5.7 Miles	
				Sedimentation/Siltation <i>The University of California Davis Tahoe Research Group is currently researching sediment sources in the Ward Creek watershed.</i>	Silviculture Land Development Urban Runoff/Storm Sewers Highway/Road/Bridge Runoff Channel Erosion Nonpoint Source	Medium	5.7 Miles	
6	R	West Walker River	63110060	Sedimentation/Siltation	Agriculture Pasture Grazing-Riparian and/or Upland Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Nonpoint Source	Low	49 Miles	
6	R	Wolf Creek (Alpine County)	63210031	Sedimentation/Siltation	Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source	Low	12 Miles	

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ABBREVIATIONS

REGIONAL WATER QUALITY CONTROL BOARDS

- 1 North Coast
- 2 San Francisco Bay
- 3 Central Coast
- 4 Los Angeles
- 5 Central Valley
- 6 Lahontan
- 7 Colorado River Basin
- 8 Santa Ana
- 9 San Diego

WATER BODY TYPE

- B = Bays and Harbors
- C = Coastal Shorelines/Beaches
- E = Estuaries
- L = Lakes/Reservoirs
- R = Rivers and Streams
- S = Saline Lakes
- T = Wetlands, Tidal
- W = Wetlands, Freshwater

CALWATER WATERSHED

"Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.

GROUP A PESTICIDES OR CHEM A

aldrin, dieldrin, chlordane, endrin, heptachlor, heptachlor epoxide, hexachlorocyclohexane (including lindane), endosulfan, and toxaphene