

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Big Meadow Creek	63410011	Pathogens	Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boating)	1.4 Miles	2019
6	R	Blackwood Creek	63420021	Iron	Erosion/Siltation Natural Sources Nonpoint Source	5.9 Miles	2015
				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> Silviculture Resource Extraction Hydromodification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources Nonpoint Source	5.9 Miles	2008
				Phosphorus	<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	5.9 Miles	2008

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		5.9 Miles	2008
				<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	Mercury		11 Miles	2019
					Source Unknown		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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)	2614 Acres	2006

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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)	2614 Acres	2006
				Sedimentation/Siltation	Grazing-Related Sources Streambank Modification/Destabilization Erosion/Siltation Sediment Resuspension	2614 Acres	2006
6	R	Bronco Creek	63520053	Sedimentation/Siltation <i>Watershed disturbance in naturally highly erosive watershed.</i>	Silviculture Natural Sources Nonpoint Source	1.3 Miles	2006

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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)	17 Miles	2019
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)	18 Miles	2019

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		18 Miles	2019
				<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)		
				Sodium		18 Miles	2019
					Onsite Wastewater Systems (Septic Tanks)		
					Atmospheric Deposition		
					Highway Maintenance and Runoff		
					Natural Sources		
					Recreational and Tourism Activities (non-boating)		
6	R	Carson River, West Fork (Paynesville to State Line)	63310013	Pathogens		3.3 Miles	2019
					Pasture Grazing-Riparian and/or Upland		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012	<p>Nitrogen</p> <p><i>Revision of standards may be considered.</i></p> <p>Pasture Grazing-Riparian and/or Upland</p> <p>Range Grazing-Riparian and/or Upland</p> <p>Agriculture-storm runoff</p> <p>Agriculture-subsurface drainage</p> <p>Agriculture-irrigation tailwater</p> <p>Silviculture</p> <p>Wastewater - land disposal</p> <p>Habitat Modification</p> <p>Removal of Riparian Vegetation</p> <p>Streambank Modification/Destabilization</p> <p>Channel Erosion</p> <p>Erosion/Siltation</p> <p>Atmospheric Deposition</p> <p>Highway Maintenance and Runoff</p> <p>Natural Sources</p> <p>Recreational and Tourism Activities (non-boating)</p>		3.6 Miles	2019
				<p>Pathogens</p> <p>Pasture Grazing-Riparian and/or Upland</p> <p>Agricultural Return Flows</p> <p>Natural Sources</p> <p>Recreational and Tourism Activities (non-boating)</p>		3.6 Miles	2019

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sodium		3.6 Miles	2019
					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)		
6	R	Clearwater Creek	63040051	Sedimentation/Siltation		12 Miles	2006
				<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	L	Crowley Lake	60310090	Ammonia		4861 Acres	2019
					Source Unknown		
				Oxygen, Dissolved		4861 Acres	2019
					Source Unknown		
6	L	Donner Lake	63520021	Priority Organics		819 Acres	2019
				<i>OEHHA is studying the lake to determine whether a fish consumption advisory is needed. There may be a 6 to 13 year period for TMDL development.</i>			
					Source Unknown		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Eagle Lake (Lassen County)	63732000	Nitrogen	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	20704 Acres	2019
				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	20704 Acres	2019

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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)	7.2 Miles	2019
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	8 Miles	2019
				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	8 Miles	2019

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		8 Miles	2019
					Grazing-Related Sources Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Upstream Impoundment Erosion/Siltation		
6	R	General Creek	63420030	Iron		9.1 Miles	2019
					Silviculture Natural Sources		
				Phosphorus		9.1 Miles	2019
					Erosion/Siltation Atmospheric Deposition Natural Sources		
6	R	Gray Creek (Nevada County)	63520052	Sedimentation/Siltation <i>Sediment from disturbance of naturally highly erosive watershed.</i>		2.8 Miles	2006
					Silviculture Natural Sources Nonpoint Source		
6	L	Haiwee Reservoir	62410071	Copper <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>		1703 Acres	2004
					Other		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	2 Miles	2019
				Phosphorus	Erosion/Siltation Atmospheric Deposition Natural Sources Recreational and Tourism Activities (non-boating)	2 Miles	2019
6	R	Heavenly Valley Creek (USFS boundary to Trout Creek)	63410031	Chloride	Highway/Road/Bridge Runoff Atmospheric Deposition Natural Sources Source Unknown	1.4 Miles	2019
				Sedimentation/Siltation	Construction/Land Development Land Development Hydromodification Habitat Modification Recreational and Tourism Activities (non-boating) Nonpoint Source	1.4 Miles	2019

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	57756 Acres	2019
				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	57756 Acres	2019
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	62590 Acres	2019
6	S	Honey Lake Wildfowl Management Ponds	63720095	Metals <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Agriculture Geothermal Development Natural Sources	665 Acres	2019
				Salinity/TDS/Chlorides <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Agriculture Geothermal Development Natural Sources	665 Acres	2019

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trace Elements <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>		665 Acres	2019
					Geothermal Development Nurseries		
6	R	Hot Springs Canyon Creek	63030042	Sedimentation/Siltation <i>Listed on basis of limited data; further monitoring may support delisting.</i>		2.9 Miles	2008
					Range Grazing-Riparian and/or Upland		
6	R	Indian Creek (Alpine County)	63220010	Pathogens		13 Miles	2019
					Grazing-Related Sources Pasture Grazing-Riparian and/or Upland		
6	R	Mammoth Creek	60310053	Mercury		12 Miles	2019
					Source Unknown		
				Metals <i>Needs monitoring to determine current extent of impairment and need for TMDL.</i>		12 Miles	2019
					Other Urban Runoff Natural Sources Nonpoint Source		
6	R	Monitor Creek	63210070	Aluminum <i>TMDL to be coordinated with CERCLA remediation.</i>		4 Miles	2019
					Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Iron		4 Miles	2019
			<i>TMDL to be coordinated with CERCLA remediation.</i>			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Natural Sources		
				Nonpoint/Point Source		
			Manganese		4 Miles	2019
			<i>TMDL to be coordinated with CERCLA remediation.</i>			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Natural Sources		
				Nonpoint/Point Source		
			Silver		4 Miles	2019
			<i>TMDL to be coordinated with CERCLA remediation.</i>			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Natural Sources		
				Nonpoint Source		
			Sulfates		4 Miles	2019
			<i>TMDL to be coordinated with CERCLA remediation.</i>			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Nonpoint/Point Source		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		4 Miles	2019
				<i>TMDL to be coordinated with CERCLA remediation.</i>			
					Mill Tailings		
					Mine Tailings		
					Acid Mine Drainage		
					Inactive Mining		
					Natural Sources		
					Nonpoint/Point Source		
6	L	Pleasant Valley Reservoir	60320000	Organic Enrichment/Low Dissolved Oxygen		99 Acres	2019
					Flow Regulation/Modification		
					Nonpoint Source		
6	R	Robinson Creek (Hwy 395 to Bridgeport Res)	63030050	Pathogens		1.8 Miles	2019
					Pasture Grazing-Riparian and/or Upland		
					Agricultural Return Flows		
					Onsite Wastewater Systems (Septic Tanks)		
					Natural Sources		
					Recreational and Tourism Activities (non-boating)		
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050	Pathogens		9.1 Miles	2019
					Pasture Grazing-Riparian and/or Upland		
					Onsite Wastewater Systems (Septic Tanks)		
					Natural Sources		
					Recreational and Tourism Activities (non-boating)		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Squaw Creek	63520011	Sedimentation/Siltation		5.8 Miles	2006
					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		
6	R	Susan River	63720095	Mercury		58 Miles	2019
				Unknown Toxicity	Source Unknown	58 Miles	2007
					Source Unknown		
6	R	Swauger Creek	63040012	Pathogens		14 Miles	2019
					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)		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			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	14 Miles	2019

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	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	85364 Acres	2007

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			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	85364 Acres	2007

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		85364 Acres	2007
					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		
6	R	Tallac Creek (below Hwy 89)	63410041	Pathogens		1.3 Miles	2019
					Grazing-Related Sources		
					Pasture Grazing-Riparian		
6	R	Trout Creek (above Hwy 50)	63410020	Iron		10 Miles	2019
					<i>Standards revision to be considered</i>		
					Urban Runoff--Non-industrial Permitted		
					Erosion/Siltation		
					Natural Sources		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrogen		10 Miles	2019
				<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		
				Pathogens		10 Miles	2019
					Source Unknown		
				Phosphorus		10 Miles	2019
				<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		
6	R	Trout Creek (below Hwy 50)	63410042				
				Iron		0.78 Miles	2019
					Urban Runoff--Non-industrial Permitted		
					Erosion/Siltation		
					Natural Sources		
				Nitrogen		0.78 Miles	2019
				<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>			
					Urban Runoff--Non-industrial Permitted		
					Erosion/Siltation		
					Atmospheric Deposition		
				Pathogens		0.78 Miles	2019
					Pasture Grazing-Riparian		
					Natural Sources		
					Recreational and Tourism Activities (non-boating)		
					Transient encampments		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		0.78 Miles	2019
				<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>			
					Urban Runoff--Non-industrial Permitted		
					Erosion/Siltation		
					Atmospheric Deposition		
6	R	Truckee River	63510010	Sedimentation/Siltation		39 Miles	2006
				<i>Watershed disturbance including ski resorts, silvicultural activities, urban development, reservoir construction and management; highly erosive subwatersheds.</i>			
					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		
6	R	Truckee River, Upper (above Christmas Valley)	63410010	Iron		4.5 Miles	2019
					Natural Sources		
				Pathogens		4.5 Miles	2019
					Grazing-Related Sources		
					Natural Sources		
					Recreational and Tourism Activities (non-boating)		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		4.5 Miles	2019
				<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>			
					Grazing-Related Sources		
					Silviculture		
					Natural Sources		
6	R	Truckee River, Upper (below Christmas Valley)	63410042				
				Iron		11 Miles	2019
					Erosion/Siltation		
					Natural Sources		
					Unknown Nonpoint Source		
				Phosphorus		11 Miles	2019
				<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>			
					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		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	26 Acres	2019
				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	26 Acres	2019
6	R	Ward Creek	63420020	Iron	Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources	5.7 Miles	2015
				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	5.7 Miles	2008

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		5.7 Miles	2008
				<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		
				Sedimentation/Siltation		5.7 Miles	2008
					Silviculture		
					Land Development		
					Urban Runoff/Storm Sewers		
					Highway/Road/Bridge Runoff		
					Channel Erosion		
					Nonpoint Source		
6	R	Wolf Creek (Alpine County)	63210031	Sedimentation/Siltation		12 Miles	2019
					Range Grazing-Riparian and/or Upland		
					Silviculture		
					Nonpoint Source		

PROPOSED 2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

LAHONTAN REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
-------------	------	--------------------	--------------------	-------------------	-------------------------	--------------------------

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