July 2003

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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Aspen Creek	63210080					
				Metals		Low	0.93 Miles	
				Affected by acid mine drainage remediation programs.	•	to be coordinated with	n Regional Board /CER	PCLA
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources Nonpoint Source			
					Nonpoint Source			
6	R	Aurora Canyon Creek	63030040	<b>**</b> *** *** ***			0.4. 350	
				Habitat alterations	II THEN	Low	8.1 Miles	1
				Since creek is not impaired by	•		ling revisions to federal	regulations.
					Range Grazing-Riparian	and/or Upland		
6	R	Bear Creek (Placer County)	63520010					
				Sedimentation/Siltation		Medium	3 Miles	
				Creek affected by hydrologic m		making pond.		
					Hydromodification Nonpoint Source			
					Nonpoint Source			
6	R	Big Meadow Creek	63410011	<b></b>			4 4 350	
				Pathogens		Low	1.4 Miles	
					Range Grazing-Riparian	and/or Upland		
					Natural Sources			
					Recreational and Tourisn	i Activities (non-boat	ung)	
6	R	Blackwood Creek	63420021					
				Iron		Low	5.9 Miles	
					Erosion/Siltation			
					Natural Sources			
				<b>X</b> 74.	Nonpoint Source		7.0.35N	
				Nitrogen		Low	5.9 Miles	TI (D)
				Nitrogen loading from creek to needed for Blackwood Creek.	be addressed during developn	ient of Lake Tahoe TM	IDL, but a more specifi	c TMDL may be
					Silviculture			
					Resource Extraction			
					Hydromodification	Destabilization		
					Streambank Modification Erosion/Siltation	Destabilization		
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		Low	5.9 Miles	
			•	k to be addressed during develop	oment of Lake Tahoe	TMDL, but a more spec	ific TMDL for
			•	<b>Grazing-Related Sources</b>			
				Silviculture			
				Resource Extraction			
				Hydromodification			
				Streambank Modification/I	Destabilization		
				Erosion/Siltation Natural Sources			
				Natural Source Nonpoint Source			
			Sedimentation/Siltation	ronpoint source	Medium	5.9 Miles	
				uarry operations and other wate			nher harvest.
			e	Range Grazing-Riparian a			
				Silviculture	•		
				Construction/Land Develop	pment		
				Surface Runoff			
				Resource Extraction			
				Hydromodification			
				Streambank Modification/I	Destabilization		
				Erosion/Siltation			
				Atmospheric Deposition			
				Natural Sources	A -4''4' ( b4	·	
				Recreational and Tourism A Nonpoint Source	Activities (non-doat	ang)	
				ronpoint source			
6 R	Bodie Creek	63020031	<b>37</b> . <b>3</b>			44 350	
			Metals		Medium	11 Miles	
			Affected by drainage from inac	tive mines, mine tailings in creek Resource Extraction	к.		
				Mine Tailings			
				Inactive Mining			
				Nonpoint Source			
				Tompoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Bridgeport Reservoir	63030050					
				Nitrogen		Medium	2614 Acres	
					<b>Grazing-Related Sources</b>			
					Pasture Grazing-Riparian a	nd/or Upland		
					Other Urban Runoff			
					Highway/Road/Bridge Runo	off		
					Wastewater - land disposal			
					Flow Regulation/Modification			
					Removal of Riparian Vegeta			
					Streambank Modification/D	estabilization		
					Channel Erosion Erosion/Siltation			
					Marinas and Recreational E	loating		
					Atmospheric Deposition	voating		
					Internal Nutrient Cycling (p	rimarily lakes)		
					Sediment Resuspension	,,		
					Natural Sources			
					Recreational and Tourism A	activities (non-boat	ting)	
				Phosphorus		Medium	2614 Acres	
					<b>Grazing-Related Sources</b>			
					Pasture Grazing-Riparian a	nd/or Upland		
					Other Urban Runoff			
					Highway/Road/Bridge Runo	off		
					Wastewater - land disposal			
					Flow Regulation/Modification			
					Removal of Riparian Vegeta			
					Streambank Modification/D Channel Erosion	estabilization		
					Cnannel Erosion Erosion/Siltation			
					Marinas and Recreational E	Soating		
					Atmospheric Deposition			
					Internal Nutrient Cycling (p	orimarily lakes)		
					Natural Sources	• ,		
					Recreational and Tourism A	activities (non-boat	ting)	
				Sedimentation/Siltation		Medium	2614 Acres	
					<b>Grazing-Related Sources</b>			
					Streambank Modification/D	estabilization		
					Erosion/Siltation			
					Sediment Resuspension			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Bronco Creek	63520053	Sedimentation/Siltation  Watershed disturbance in nature	ally highly erosive watershed. Silviculture Natural Sources Nonpoint Source	Medium	1.3 Miles	
6	R	Bryant Creek	63210080	Metals Affected by acid mine drainage remediation programs.	from Leviathan Mine. Problem be Mine Tailings Acid Mine Drainage Inactive Mining Nonpoint Source	<b>Low</b> eing addressed thr	<b>5.2 Miles</b> rough RWQCB and CEI	RCLA
6	R	Buckeye Creek	63040022	Pathogens	Grazing-Related Sources Pasture Grazing-Riparian and Range Grazing-Riparian and Natural Sources Recreational and Tourism Ac	or Upland	17 Miles ing)	
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014	Nitrogen	Silviculture Onsite Wastewater Systems (Strambark Modification Removal of Riparian Vegetati Streambark Modification/Des Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Ri Natural Sources Recreational and Tourism Ac	on stabilization unoff	18 Miles	

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REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		Low	18 Miles	
			Revision of standard may be c	onsidered.			
				Silviculture			
				Habitat Modification			
				Removal of Riparian Vegetatio			
				Streambank Modification/Dest Channel Erosion	abilization		
				Erosion/Siltation			
				Atmospheric Deposition			
				Highway Maintenance and Rui	noff		
				Natural Sources			
				Recreational and Tourism Acti	vities (non-boat	ting)	
			Sodium		Low	18 Miles	
				Onsite Wastewater Systems (Se	eptic Tanks)		
				<b>Atmospheric Deposition</b>			
				Highway Maintenance and Rui	noff		
				Natural Sources			
				Recreational and Tourism Acti	vities (non-boat	ting)	
6 R	Carson River, West Fork (Paynesville to State Line)	63310013					
			Pathogens		Low	3.3 Miles	
				Pasture Grazing-Riparian and/	or Upland		
				Agriculture-storm runoff			
				Agriculture-irrigation tailwater	r		

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### LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012					
				Nitrogen		Low	3.6 Miles	
				Revision of standards may be c	onsidered.			
					Pasture Grazing-Riparian aı	nd/or Upland		
					Range Grazing-Riparian and	d/or Upland		
					Agriculture-storm runoff			
					Agriculture-subsurface drain			
					Agriculture-irrigation tailwa	iter		
					Silviculture			
					Wastewater - land disposal			
					Habitat Modification	.•		
					Removal of Riparian Vegeta			
					Streambank Modification/Do Channel Erosion	estabilization		
					Erosion/Siltation			
					Atmospheric Deposition			
					Highway Maintenance and F	Runoff		
					Natural Sources	<b>Luno</b> 11		
					Recreational and Tourism A	ctivities (non-boat	ing)	
				Pathogens		Low	3.6 Miles	
					Pasture Grazing-Riparian ai	nd/or Unland		
					Agricultural Return Flows	id/of Opiand		
					Natural Sources			
					Recreational and Tourism A	ctivities (non-boat	ing)	
				Sodium		Low	3.6 Miles	
					Agriculture-storm runoff			
					Agriculture-irrigation tailwa	iter		
					Agriculture-grazing	itti		
					Wastewater - land disposal			
					Onsite Wastewater Systems	(Septic Tanks)		
					Atmospheric Deposition			
					Highway Maintenance and F	Runoff		
					Natural Sources			
					Recreational and Tourism A	ctivities (non-boat	ing)	
6	W	Cinder Cone Springs	63520010					
U	**	Cinuci Conc Springs	05520010					

Nutrients Medium 1 Acres

Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978). Further monitoring may support delisting.

Wastewater - land disposal

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Salinity/TDS/Chlorides		Medium	1 Acres	
				Subsurface drainage from form monitoring may support delisti	-	Has not been monitore	ed routinely in recent ye	ars; further
					Wastewater - land dispos	sal		
6	R	Clark Canyon Creek	63030041					
				Habitat alterations		Low	5 Miles	
				Creek may be placed on list of regulations.	waters impaired by pollution	and not requiring IML	Ls under pending chan	ges in federal
				0	Range Grazing-Riparian	and/or Upland		
6	R	Clearwater Creek	63040051					
				Sedimentation/Siltation		Medium	12 Miles	
				Listed on basis of limited infor	_			
					Range Grazing-Riparian	=		
					Construction/Land Development Highway Maintenance an	•		
6	R	Cottonwood Creek (below LADWP	60330000		22.50			
		diversion)		Flow alterations		Low	1.8 Miles	
				Creek may be placed on list of regulations.	waters impaired by pollution			ges to federal
					Water Diversions			
6	L	Crowley Lake	60310090					
				Nitrogen		Medium	4861 Acres	
				TMDL expected to use data fro internal nutrient cycling.	om ongoing Section 319-funde	d study of nutrient load	ling and salary-savings	funded study of
					Grazing-Related Sources			
					Atmospheric Deposition	(		
					Internal Nutrient Cycling Natural Sources	g (primarily lakes)		
					Nonpoint Source			
				Phosphorus	•	Medium	4861 Acres	
				TMDL expected to use data fro internal nutrient cycling.	om ongoing Section 319 -funde	ed study of nutrient loa	ading and salary-saving	s funded study of
					Grazing-Related Sources			
					Erosion/Siltation	- (iil l-l )		
					Internal Nutrient Cycling Natural Sources	g (primarily lakes)		
					Nonpoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Donner Lake	63520021					_
				Priority Organics		Low	819 Acres	
				PCBs in fish and sediment exce monitoring/study necessary to addressed during years 6-13 o	determine sources/cleanup po	tential for priority orga	unics. TMDLs for organ	
					Source Unknown			
6	L	Eagle Lake (Lassen County)	63732000					
				Nitrogen		Low	20704 Acres	
					Agriculture			
					Grazing-Related Sources	3		
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge R	unoff		
					Wastewater			
					Onsite Wastewater Syste	ems (Septic Tanks)		
					Marinas and Recreations	al Boating		
					<b>Atmospheric Deposition</b>			
					Internal Nutrient Cycling	g (primarily lakes)		
					<b>Sediment Resuspension</b>			
					Natural Sources			
					Recreational and Touris	m Activities (non-boat	ing)	
					Nonpoint Source	_		
				Phosphorus		Low	20704 Acres	
					Grazing-Related Sources	S		
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge R	unoff		
					Wastewater			
					Onsite Wastewater Syste	ems (Septic Tanks)		
					Marinas and Recreations	al Boating		
					<b>Atmospheric Deposition</b>			
					Internal Nutrient Cycling	g (primarily lakes)		
					<b>Sediment Resuspension</b>			
					Natural Sources			
					Recreational and Touris	m Activities (non-boat	ing)	
					Nonpoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	East Walker River, above Bridgeport Reservoir	63030050					
				Pathogens		Low	7.2 Miles	
					Pasture Grazing-Riparian a	nd/or Upland		
					Other Urban Runoff			
					Natural Sources		.• \	
					Recreational and Tourism A	ctivities (non-boa	ting)	
6	R	East Walker River, below Bridgeport Reservoir	63030050					
				Nitrogen		Low	8 Miles	
					<b>Grazing-Related Sources</b>			
					Pasture Grazing-Riparian a			
					Range Grazing-Riparian and	_		
					Highway/Road/Bridge Runo	off		
					Upstream Impoundment			
					Flow Regulation/Modification Streambank Modification/D			
					Erosion/Siltation	estabilization		
					Atmospheric Deposition			
					Natural Sources			
				Phosphorus		Low	8 Miles	
					Pasture Grazing-Riparian a	nd/or Upland		
					Range Grazing-Riparian an			
					Other Urban Runoff			
					Highway/Road/Bridge Runo	off		
					Upstream Impoundment			
					Flow Regulation/Modification			
					Streambank Modification/D Erosion/Siltation	estabilization		
					Atmospheric Deposition			
					Natural Sources			
				Sedimentation/Siltation		Low	8 Miles	
					<b>Grazing-Related Sources</b>			
					Highway/Road/Bridge Runo			
					Urban RunoffErosion and	Sedimentation		
					Upstream Impoundment			
					Erosion/Siltation			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	General Creek	63420030	Iron	Silviculture	Low	9.1 Miles	
				Phosphorus	Natural Sources  Erosion/Siltation	Low	9.1 Miles	
					Atmospheric Deposition Natural Sources			
6	R	Goodale Creek	60330112	Sedimentation/Siltation  Potential for delisting following	g further monitoring. Range Grazing-Riparian and/	Low or Upland	12 Miles	
6	R	Gray Creek (Nevada County)	63520052	<b>Sedimentation/Siltation</b> Sediment from disturbance of r	naturally highly erosive watershed. Silviculture Natural Sources Nonpoint Source	Medium	2.8 Miles	
6	R	Green Creek	63030050	Habitat alterations  Creek listed due to impacts of impaired by pollution and not in	hydromodification by Dynamo Pono requiring TMDLs if pending revisio Range Grazing-Riparian and/ Hydromodification	ons to TMDL regu	<b>16 Miles</b> placed on separate list lations take effect.	of waters
6	R	Green Valley Lake Creek	62820000	Priority Organics Priority organics (source unkn determine need for listing.	own) were detected in stream in 19 Source Unknown	<b>Medium</b> 80s; no monitorin	3.8 Miles ag since. Stream needs i	reevaluation to
6	L	Haiwee Reservoir	62410071	Copper  Copper problems related to alg in progress. A determination of Regional Water Quality Contro	gicide used to prevent taste/odor pr of whether or not this water body is ol Board. <b>Other</b>	<b>High</b> oblems in drinkin a "water of the U	<b>1703 Acres</b> g water supplies. TMD nited States" will be ma	<b>2003</b> L development de by the

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Heavenly Valley Creek (source to USFS boundary)	63410031					
				Chloride		Low	2 Miles	
				Chloride standard may be revise	ed.			
					Highway/Road/Bridge Runoff			
					Atmospheric Deposition			
					Natural Sources			
					Source Unknown	_		
				Phosphorus		Low	2 Miles	
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Recreational and Tourism Activ	ities (non-boat	ing)	
6	R	Heavenly Valley Creek (USFS boundary to Trout Creek)	63410031					
				Chloride		Low	1.4 Miles	
					Highway/Road/Bridge Runoff			
					<b>Atmospheric Deposition</b>			
					Natural Sources			
					Source Unknown			
				Sedimentation/Siltation		Low	1.4 Miles	
					Construction/Land Developmen	t		
					Land Development			
					Hydromodification			
					Habitat Modification			
					Recreational and Tourism Activ	ities (non-boat	ring)	
					Nonpoint Source			
6	S	Honey Lake	63710060					
				Arsenic		Low	57756 Acres	
				Arsenic is ultimately from naturation need for TMDL.	al sources, but lake is affected by geo	othermal discha	arges. Further study nee	eded to determine
					<b>Geothermal Development</b>			
					Flow Regulation/Modification			
					Natural Sources			
					Nonpoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMA' SIZE AFFE		PROPOSED TMDL COMPLETION
				Salinity/TDS/Chlorides		Low	57756	Acres	
				Further study needed to determin	ne extent of impairment and need fo	or TMDL.			
					Agriculture				
					Agricultural Return Flows				
					Geothermal Development Agricultural Water Diversion				
					Sediment Resuspension				
					Natural Sources				
					Nonpoint Source				
6	W	Honey Lake Area Wetlands	63710060						
				Metals		Low	62590	Acres	
				Additional monitoring needed to	determine extent of impairment an	d need for TMDL			
					Agriculture Geothermal Development				
					Natural Sources				
					Nonpoint Source				
6	S	Honey Lake Wildfowl Management Ponds	63720095						
				Flow alterations		Low		Acres	
				Ponds may be placed on separate federal regulations.	e list of waters impaired by pollution	on and not needin	ig TMDLs und	ler pendi	ng changes to
				Metals	<b>Agricultural Water Diversion</b>	Low	665	Acres	
					termine extent of impairment and n		003	Acres	
					Agriculture				
					<b>Geothermal Development</b>				
				a	Natural Sources	_			
				Salinity/TDS/Chlorides	tomnin o out out of impairm t 1 -	Low	665	Acres	
				r uriner monuoring needed to de	termine extent of impairment and n Agriculture	eea jor 1MDL.			
					Geothermal Development				
					Natural Sources				
				Trace Elements		Low	665	Acres	
				Further monitoring needed to de	termine extent of impairment and n	eed for TMDL.			
					Geothermal Development Nurseries				
6	L	Horseshoe Lake (San Bernardino County)	62820000						
				Sedimentation/Siltation		Medium	31	Acres	
				Further monitoring may permit a					
					Construction/Land Developmen	nt			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Hot Springs Canyon Creek	63030042	Sedimentation/Siltation  Listed on basis of limited data;	further monitoring may support deli Range Grazing-Riparian and/o	O	2.9 Miles	
6	R	Indian Creek (Alpine County)	63220010	Habitat alterations  Creek may be placed on list of a regulations take effect.	water bodies impaired by pollution a Agriculture Pasture Grazing-Riparian and/ Agriculture-irrigation tailwater Upstream Impoundment Flow Regulation/Modification	or Upland	<b>13 Miles</b> g TMDLs if pending rev	isions to
				Pathogens	Agricultural Water Diversion  Grazing-Related Sources  Pasture Grazing-Riparian and/	Low or Upland	13 Miles	
6	L	Indian Creek Reservoir	63220010	phosphorus TMDL, first release	gnificant source of nutrient loading i. ed in 2000, is planned for revision ar shorus loading are expected to ameli Pasture Grazing-Riparian and/ Wastewater Flow Regulation/Modification Erosion/Siltation Internal Nutrient Cycling (prim	nd recirculation, iorate other prob or Upland	, with Regional Board c	onsideration in
6	R	Lassen Creek	63720082	Flow alterations  Under pending revisions to reging pollutants, and no TMDL would	ulations, creek could be placed on a l be developed. Flow Regulation/Modification	<b>Low</b> separate list of	8 Miles waters impaired by poli	ution rather than
6	R	Lee Vining Creek	60100035	Flow alterations  Under pending revisions to reginate requiring TMDLs.	ulations, creek could be placed on a Flow Regulation/Modification	<b>Low</b> separate list of	<b>9 Miles</b> waters impaired by poli	ution but not

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Leviathan Creek	63210080	Metals  TMDL development to be coorsite.	dinated with ongoing Regional Bo Mine Tailings Acid Mine Drainage Inactive Mining Erosion/Siltation	Low pard and CERCLA	3.2 Miles remediation activities a	t Leviathan Mine
6	R	Mammoth Creek	60310053	<b>Metals</b> Needs monitoring to determine	current extent of impairment and Other Urban Runoff Natural Sources Nonpoint Source	<b>Low</b> I need for TMDL.	12 Miles	
6	R	Mill Creek (Modoc County)	64130011	Sedimentation/Siltation  Creek needs monitoring to dete	ermine current extent of impairme Range Grazing-Riparian and	-	<b>4.2 Miles</b> <i>DL</i> .	
6	R	Mill Creek (Mono County)	60100080	Flow alterations  Under pending revisions to reg not requiring TMDLs.	gulations, creek could be placed of Water Diversions	<b>Low</b> n a separate list of <sup>1</sup>	<b>12 Miles</b> water bodies impaired i	by pollution and
6	R	Monitor Creek	63210070	Aluminum  TMDL to be coordinated with the	CERCLA remediation. Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source	Low	4 Miles	

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Iron		Low	4 Miles	
			TMDL to be coordinated with	CERCLA remediation.			
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
				Natural Sources			
				Nonpoint/Point Source			
			Manganese		Low	4 Miles	
			TMDL to be coordinated with				
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage Inactive Mining			
				Natural Sources			
				Nonpoint/Point Source			
			Silver	Nonpoint/1 oint Source	Low	4 Miles	
			TMDL to be coordinated with	CERCLA remediation	20	1 111100	
			This is so so con unities with	Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
				Natural Sources			
				Nonpoint Source			
			Sulfates		Low	4 Miles	
			TMDL to be coordinated with				
				Mill Tailings			
				Mine Tailings			
				Acid Mine Drainage			
				Inactive Mining			
			m . 10: 1 10: 11	Nonpoint/Point Source			
			Total Dissolved Solids	CERCLA II II	Low	4 Miles	
			TMDL to be coordinated with				
				Mill Tailings			
				Mine Tailings Acid Mine Drainage			
				Inactive Mining			
				Natural Sources			
				Nonpoint/Point Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Owens River (Long HA)	60310090					
v		Owens raver (Long 11/1)	00510070	Habitat alterations		Low	26 Miles	
				River may be placed on separate federal regulations.	list of waters impaired by pollution	and not needin	ng TMDLS under pendir	ng changes to
					Agriculture			
					<b>Grazing-Related Sources</b>			
					Hydromodification			
					Flow Regulation/Modification			
6	R	Owens River (Lower)	60330000					
				Habitat alterations		Low	53 Miles	_
				River may be placed on separate federal regulations.	list of waters impaired by pollution	and not needin	ig TMDLs under pendin	ng changes in
					Agriculture			
					Hydromodification			
6	R	Owens River (Upper)	60320000					
				Habitat alterations		Low	69 Miles	
				River may be placed on separate federal regulations.	e list of waters impaired by pollution	and not needin	ng TMDLs under pendin	ng changes to
					Agriculture			
					Hydromodification			
6	R	Pine Creek (Lassen County)	63720010					
				Sedimentation/Siltation		Low	55 Miles	
				Creek may be placed on seperate federal regulations.	e list of waters impaired by pollution	n and not needir	ng TMDLs under pendii	ng changes in
					<b>Grazing-Related Sources</b>			
					Silviculture			
					Highway/Road/Bridge Construc	etion		
					Hydromodification Removal of Riparian Vegetation			
					Streambank Modification/Desta			
					Erosion/Siltation	Dillettion		
6	L	Pleasant Valley Reservoir	60320000					
U	L	i icasant vancy icesci vun	0032000	Organic Enrichment/Low Disso	lved Oxygen	Medium	99 Acres	
				g	Flow Regulation/Modification			
					Nonpoint Source			
					F			

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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Robinson Creek (Hwy 395 to Bridgeport Res)	63030050	Pathogens		Low	1.8 Miles	
				rumogens	Pasture Grazing-Riparian a		no mies	
					Agricultural Return Flows	na or opiana		
					Onsite Wastewater Systems	(Septic Tanks)		
					Natural Sources			
					Recreational and Tourism A	Activities (non-boat	ting)	
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050					
				Pathogens		Low	9.1 Miles	
					Pasture Grazing-Riparian a			
					Onsite Wastewater Systems Natural Sources	(Septic Tanks)		
					Recreational and Tourism A	Activities (non-boat	ting)	
6	R	Rough Creek	63020013					
				Habitat alterations		Low	15 Miles	
				Creek may be placed on list of v	vaters impaired by pollution and	d not needing TMDL	s under pending chang	es to federal
				regulations.	Dange Creating Dinarian on	d/or Unland		
	_		(2510051		Range Grazing-Riparian an	u/or Opianu		
6	R	Skedaddle Creek	63710054	High Coliform Count		Medium	18 Miles	
				USBLM program to mitigate gra	azing impacts has been impleme			
				I iggg	Range Grazing-Riparian an		,	
6	R	Squaw Creek	63520011					
		•		Sedimentation/Siltation		Medium	5.8 Miles	
					Construction/Land Develop	ment		
					Other Urban Runoff			
					Hydromodification			
					Drainage/Filling Of Wetland Highway Maintenance and I			
					Natural Sources	Kulloli		
					Recreational and Tourism A	Activities (non-boat	ting)	
					Nonpoint Source			
6	R	Susan River	63720095					
				Unknown Toxicity		Low	58 Miles	
					Source Unknown			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Swauger Creek	63040012					
				Pathogens		Low	14 Miles	
					Pasture Grazing-Riparia	n and/or Upland		
					Range Grazing-Riparian	and/or Upland		
					Onsite Wastewater Syste	ems (Septic Tanks)		
					Natural Sources			
					Recreational and Tourisi	m Activities (non-boat	ing)	
				Phosphorus		Low	14 Miles	
					Pasture Grazing-Riparia	n and/or Upland		
					Range Grazing-Riparian	and/or Upland		
					Highway/Road/Bridge R	unoff		
					Surface Runoff			
					Streambank Modification	n/Destabilization		
					Erosion/Siltation			
					<b>Atmospheric Deposition</b>			
					Natural Sources			
					Nonpoint Source			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Tahoe, Lake	63430010					
				Nitrogen		Medium	85364 Acres	
					<b>Grazing-Related Sources</b>			
					Silviculture			
					Construction/Land Developmen	ıt		
					Land Development			
					Urban Runoff/Storm Sewers			
					Urban RunoffNon-industrial I	Permitted		
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Surface Runoff	1i		
					Urban RunoffErosion and Sed	aimentation		
					Hydromodification			
					Habitat Modification	•		
					Removal of Riparian Vegetation Streambank Modification/Desta			
					Drainage/Filling Of Wetlands	avmzativn		
					Channel Erosion			
					Erosion/Siltation			
					Marinas and Recreational Boat	ing		
					Atmospheric Deposition	9		
					Highway Maintenance and Run	ıoff		
					Internal Nutrient Cycling (prim			
					Natural Sources	. ,		
					Recreational and Tourism Activ	vities (non-boati	ng)	
					Golf course activities			
					<b>Groundwater Loadings</b>			

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		Medium	85364 Acres	
				Grazing-Related Sources			
				Silviculture			
				Highway/Road/Bridge Cons	truction		
				Land Development			
				Urban Runoff/Storm Sewers	s		
				Urban RunoffNon-industr	ial Permitted		
				Other Urban Runoff			
				Highway/Road/Bridge Runo	off		
				Urban RunoffErosion and			
				Streambank Modification/D	estabilization		
				Channel Erosion			
				Erosion/Siltation			
				Atmospheric Deposition	Dunoff		
				Highway Maintenance and I Internal Nutrient Cycling (p			
				Sediment Resuspension	orimarny takes)		
				Natural Sources			
				Recreational and Tourism A	ctivities (non-boa	ting)	
				Nonpoint Source		·····g)	
			Sedimentation/Siltation	•	Medium	85364 Acres	
				<b>Grazing-Related Sources</b>			
				Silviculture			
				Highway/Road/Bridge Cons	truction		
				Land Development			
				Urban Runoff/Storm Sewer	s		
				Other Urban Runoff			
				Highway/Road/Bridge Runo			
				Urban RunoffErosion and	Sedimentation		
				Hydromodification			
				Channelization	ıtian.		
				Removal of Riparian Vegeta Streambank Modification/D			
				Channel Erosion	CStavilizativii		
				Erosion/Siltation			
				Atmospheric Deposition			
				Sediment Resuspension			
				Natural Sources			
				Recreational and Tourism A	ctivities (non-boa	ting)	
				Nonpoint Source	`	=-	

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Tallac Creek (below Hwy 89)	63410041			_		
				Pathogens		Low	1.3 Miles	
					Grazing-Related Sources Pasture Grazing-Riparian			
6	L	Tinemaha Reservoir	60320000					
				Metals		Medium	984 Acres	
				Metals concern related to use of impairment.	of copper sulfate algicide. Further	monitoring and a	ssessment needed to det	ermine extent of
					Other			
6	L	Topaz Lake	63110010					
		•		Sedimentation/Siltation		Medium	928 Acres	
				Additional monitoring and asse	essment needed to document extent	of impairment.		
					Agriculture			
					Streambank Modification/Des	tabilization		
					Erosion/Siltation Nonpoint Source			
			<b>12.110.02.0</b>		Nonpoint Source			
6	R	Trout Creek (above Hwy 50)	63410020	Iron		Low	10 Miles	
				Standards revision to be consid	lered	Low	TO WHIES	
				Statual as revision to be consta	Urban RunoffNon-industria	l Permitted		
					Erosion/Siltation			
					Natural Sources			
				Nitrogen		Low	10 Miles	
				Nitrogen loading from creek to needed for Trout Creek.	be addressed during development	of Lake Tahoe TN	ADL, but a more specific	c TMDL may be
					Pasture Grazing-Riparian and	-		
					Urban RunoffNon-industrial	l Permitted		
					Erosion/Siltation			
				Pathogens	Atmospheric Deposition	Low	10 Miles	
				1 attiogens	Source Unknown	Low	TO MINES	
				Phosphorus	Source Official Wil	Low	10 Miles	
				•	to be considered during developm			ecific TMDL may
				v	Pasture Grazing-Riparian and	l/or Upland		
					Urban RunoffNon-industria	-		
					Erosion/Siltation			
					Atmospheric Deposition			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Trout Creek (below Hwy 50)	63410042					_
				Iron		Low	<b>0.78</b> Miles	
					Urban RunoffNon-industria	l Permitted		
					Erosion/Siltation			
					Natural Sources			
				Nitrogen		Low	<b>0.78</b> Miles	
				Nitrogen loading from creek to needed for Trout Creek.	be addressed during development	of Lake Tahoe TM	IDL, but a more specifi	c TMDL may be
					Urban RunoffNon-industria	l Permitted		
					Erosion/Siltation			
					Atmospheric Deposition			
				Pathogens		Low	0.78 Miles	
					Pasture Grazing-Riparian			
					Natural Sources			
					Recreational and Tourism Ac	tivities (non-boat	ing)	
					Transient encampments	_		
				Phosphorus  Phosphorus loading from creek be needed for Trout Creek.	k to be addressed during developm	<b>Low</b> ent of Lake Tahoe	0.78 Miles TMDL, but a more spe	cific TMDL may
					Urban RunoffNon-industria	al Permitted		
					Erosion/Siltation			
					Atmospheric Deposition			
6	R	Truckee River	63510010					
				Sedimentation/Siltation		Medium	39 Miles	
				Watershed disturbance includi management; highly erosive su	ng ski resorts, silvicultural activition Bwatersheds.	es, urban developn	nent, reservoir construc	tion and
					Range Grazing-Riparian and	or Upland/		
					Silviculture			
					Construction/Land Developm			
					Highway/Road/Bridge Const			
					Streambank Modification/De	stabilization		
					Channel Erosion Erosion/Siltation			
					Natural Sources			
					Recreational and Tourism Ac	tivities (non-bost	ing)	
					Snow skiing activities	(	······································	
					Nonpoint Source			

REGION	ТҮРЕ	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		Low	4.5 Miles	
					Natural Sources			
				Pathogens		Low	4.5 Miles	
					<b>Grazing-Related Sources</b>			
					Natural Sources			
				DI I	Recreational and Tourism Activ			
				Phosphorus	o be addressed during development	Low	4.5 Miles	sife TMDL man
				be needed for the Upper Truckee		oj Lake Tanoe	TMDL, but a more spec	ific IMDL may
				• • •	<b>Grazing-Related Sources</b>			
					Silviculture			
					Natural Sources			
6	R	Truckee River, Upper (below Christmas Valley)	63410042					
				Iron		Low	11 Miles	
					Erosion/Siltation			
					Natural Sources			
					Unknown Nonpoint Source		44 350	
				Phosphorus	- l 11 1 :- 11	Low	11 Miles	EMDI k -
				needed for the Upper Truckee Ri		іке Тапое ТМІ	)L, but a more specific 1	IMDL may be
					Silviculture	_		
					Construction/Land Developmen Hydromodification	τ		
					Channelization			
					Removal of Riparian Vegetation	1		
					Streambank Modification/Desta	bilization		
					Erosion/Siltation			
					Atmospheric Deposition			
					Highway Maintenance and Run Natural Sources	off		
					Unknown Nonpoint Source			
	D	Totals Consil	(0220140		ommonii ronponii oouree			
6	R	Tuttle Creek	60330140	Habitat alterations		Low	13 Miles	
					e list of waters impaired by pollution			ng changes in
				jederai reguiditotis.	Range Grazing-Riparian and/or	Upland		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Twin Lakes (Owens HU)	60310051					
				Nitrogen		Low	26 Acres	
				Monitoring needed to confirm	extent of impairment and need for TM	fDL.		
					Agriculture			
					Grazing-Related Sources			
					Construction/Land Developmen	it		
					Land Development			
					Other Urban Runoff			
				Dhaanhama	Atmospheric Deposition	Low	26 Acres	
				Phosphorus  Manitaring needed to confirm	degree of impairment and need for TM		20 Acres	
				Monitoring needed to confirm	Agriculture	MDL.		
					Grazing-Related Sources			
					Construction/Land Developmen	ıt		
					Land Development	.•		
					Other Urban Runoff			
6	R	Ward Creek	63420020					
U	K	ward Citte	03420020	Iron		Low	5.7 Miles	
					Silviculture	20	or miles	
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
				Nitrogen		Low	5.7 Miles	
				Nitrogen loading from creek to needed for Ward Creek.	o be addressed during development of	Lake Tahoe TM	IDL, but a more specific	c TMDL may be
				v	Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			

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REGION TY	/PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		Low	5.7 Miles	
				Phosphorus loading from creek be needed for Ward Creek.	to be addressed during development	t of Lake Tahoe	TMDL, but a more spe	cific TMDL may
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff Urban RunoffErosion and Sed	limentation		
					Channel Erosion	iiiiciitatioii		
					Erosion/Siltation			
					<b>Atmospheric Deposition</b>			
					Natural Sources			
				Sedimentation/Siltation	mia Tahaa Basasuah Cuaun is seessa	Medium	5.7 Miles	a Wand Cuash
				The University of California Downatershed.	vis Tahoe Research Group is currently researching sediment sources in the Ward Creek			e wara Creek
					Silviculture			
					Land Development			
					Urban Runoff/Storm Sewers Highway/Road/Bridge Runoff			
					Channel Erosion			
					Nonpoint Source			
6 R	West Wa	lker River	63110060					
				Sedimentation/Siltation		Low	49 Miles	
					Agriculture	T7 1 2		
					Pasture Grazing-Riparian and/o Removal of Riparian Vegetation			
					Streambank Modification/Desta			
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			
6 R	Wolf Cre	eek (Alpine County)	63210031					
				Sedimentation/Siltation		Low	12 Miles	
					Range Grazing-Riparian and/or	· Upland		
					Silviculture Nonpoint Source			
					ronpoint bource			

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### LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

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

#### ABBREVIATIONS

#### REGIONAL WATER QUALITY CONTROL BOARDS

North Coast
 San Francisco Bay

3 Central Coast

4 Los Angeles

Central Valley

6 Lahontan

7 Colorado River Basin

8 Santa Ana

San Diego

### WATER BODY TYPE

B = Bays and Harbors

C = Coastal Shorelines/Beaches

E = Estuaries

L = Lakes/Reserviors
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