

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

October 15, 2002

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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)	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 <i>TMDL end date: after 2015</i>	Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boating)	Low	1.4 Miles	
6	R	Blackwood Creek	63420021	Iron <i>TMDL will be completed after 2015. Revision of iron standard may be considered before that date.</i>	Erosion/Siltation Natural Sources Nonpoint Source	Low	5.9 Miles	
				Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for Blackwood Creek, it will be completed after 2015.</i>	Silviculture Resource Extraction Hydromodification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources Nonpoint Source	Low	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; if a more specific TMDL for creek is needed, it will be completed after 2015</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)	Low	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 <i>TMDL to be completed after 2015</i>	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	Other inorganics <i>Listed for violation of percent sodium objective. Revision of standard to be considered. TMDL, if needed, to be completed after 2015</i>	Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	18 Miles	

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				Phosphorus		Low	18 Miles	
				<i>Revision of standard may be considered. TMDL, if needed, to be completed after 2015</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)			
6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012					
				Nitrogen		Low	3.6 Miles	
				<i>Revision of standards may be considered. TMDL , if needed, to be completed after 2015</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)			
				Sodium		Low	3.6 Miles	
					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)			

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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>		Low	1 Acres	
					Wastewater - land disposal			
				Salinity/TDS/Chlorides <i>Subsurface drainage from former wastewater disposal area. Has not been monitored routinely in recent years; further monitoring may support delisting.</i>		Low	1 Acres	
					Wastewater - land disposal			
6	R	Clark Canyon Creek	63030041	Habitat alterations <i>Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes in federal regulations.</i>		Low	5 Miles	
					Range Grazing-Riparian and/or Upland			
6	R	Clearwater Creek	63040051	Sedimentation/Siltation <i>Listed on basis of limited information; additional monitoring may support delisting.</i>		Low	12 Miles	
					Range Grazing-Riparian and/or Upland			
					Construction/Land Development			
					Highway Maintenance and Runoff			
6	R	Cottonwood Creek (below LADWP diversion)	60330000	Flow alterations <i>Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes to federal regulations.</i>		Low	1.8 Miles	
					Water Diversions			
6	L	Crowley Lake	60310090	Nitrogen <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>		Low	4861 Acres	
					Grazing-Related Sources			
					Atmospheric Deposition			
					Internal Nutrient Cycling (primarily lakes)			
					Natural Sources			
					Nonpoint Source			

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				Phosphorus		Low	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			
6	L	Eagle Lake (Lassen)	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		Low	20704 Acres	
					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 <i>TMDL to be completed after 2015</i>	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 Upstream Impoundment	Low	8 Miles	
				Phosphorus <i>TMDL to be completed after 2015</i>	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 Upstream Impoundment	Low	8 Miles	
				Sedimentation/Siltation	Grazing-Related Sources Highway/Road/Bridge Runoff Urban Runoff-Erosion and Sedimentation Upstream Impoundment Erosion/Siltation Upstream Impoundment	Low	8 Miles	

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6	R	General Creek	63420030	Iron <i>TMDL end date: after 2015</i>	Silviculture Natural Sources	Low	9.1 Miles	
				Phosphorus <i>TMDL end date: after 2015</i>	Erosion/Siltation Atmospheric Deposition Natural Sources	Low	9.1 Miles	
6	R	Goodale Creek	60330112	Sedimentation/Siltation <i>Potential for delisting following further monitoring.</i>	Range Grazing-Riparian and/or Upland	Low	12 Miles	
6	R	Gray Creek (Nevada)	63520052	Sedimentation/Siltation <i>Sediment from disturbance of naturally highly erosive watershed.</i>	Silviculture Natural Sources Nonpoint Source	Medium	2.8 Miles	
6	R	Green Creek	63030050	Habitat alterations <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	Low	16 Miles	
6	R	Green Valley Lake Creek	62820000	Priority Organics <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	Medium	3.8 Miles	
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>	Other	High	1703 Acres	2003

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6	R	Heavenly Valley Creek	63410031	Chloride <i>TMDL to be completed after 2015 if needed. (Chloride standard may be revised.)</i>	Highway/Road/Bridge Runoff Atmospheric Deposition Natural Sources Source Unknown	Low	3.5 Miles	
				Sedimentation/Siltation <i>Start and end dates refer to sediment TMDL completed 2001 for reach of creek above USFS property line (above Pioneer Trail]. TMDL for reach below Pioneer Trail has Medium priority and will be completed after 2015 if needed. (Restoration of this reach planned as part of Tahoe Regional Planning Agency Regional Plan Environmental Improvement Program and may lead to standards attainment.)</i>	Construction/Land Development Land Development Hydromodification Habitat Modification Recreational and Tourism Activities (non-boating) Nonpoint Source	Low	3.5 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	
				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	

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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>		Low	665 Acres	
					Agricultural Water Diversion			
				Metals <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>		Low	665 Acres	
					Agriculture Geothermal Development Natural Sources			
				Salinity/TDS/Chlorides <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>		Low	665 Acres	
					Agriculture Geothermal Development Natural Sources			
				Trace Elements <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>		Low	665 Acres	
					Geothermal Development Nurseries			
6	L	Horseshoe Lake (Mojave)	62820000	Sedimentation/Siltation <i>Further monitoring may permit delisting.</i>		Medium	31 Acres	
					Construction/Land Development			
6	R	Hot Springs Canyon Creek	63030042	Sedimentation/Siltation <i>Listed on basis of limited data; further monitoring may support delisting. TMDL, if needed, to be completed by 2011. □</i>		Medium	2.9 Miles	
					Range Grazing-Riparian and/or Upland			
6	R	Indian Creek (Alpine)	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 Upstream Impoundment			

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				Pathogens <i>TMDL end date: after 2015</i>		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			
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>		Low	3.2 Miles	
					Mine Tailings Acid Mine Drainage Inactive Mining Erosion/Siltation			
6	R	Mammoth Creek	60310053	Metals <i>Needs monitoring to determine current extent of impairment and need for TMDL.</i>		Low	12 Miles	
					Other Urban Runoff Natural Sources Nonpoint Source			

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6	R	Mill Creek (Modoc)	64130011	Sedimentation/Siltation <i>Creek needs monitoring to determine current extent of impairment and need for TMDL.</i>		Low	4.2 Miles	
				Range Grazing-Riparian and/or Upland				
6	R	Mill Creek (Mono)	60100031	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>		Low	12 Miles	
				Water Diversions				
6	R	Monitor Creek	63210070	Aluminum <i>TMDL to be coordinated with CERCLA remediation and completed after 2015.</i>		Low	4 Miles	
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
				Iron <i>TMDL to be coordinated with CERCLA remediation and completed after 2015.</i>		Low	4 Miles	
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
				Manganese <i>TMDL to be coordinated with CERCLA remediation and completed after 2015.</i>		Low	4 Miles	
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			

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				Silver		Low	4 Miles	
				<i>TMDL to be coordinated with CERCLA remediation and completed after 2015.</i>				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint Source			
				Total Dissolved Solids		Low	4 Miles	
				<i>TMDL to be coordinated with CERCLA remediation and completed after 2015</i>				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
6	R	Owens River (Long HA)	60310090	Habitat alterations		Low	26 Miles	
				<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			
6	R	Owens River (Lower)	60330000	Habitat alterations		Low	53 Miles	
				<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			
6	R	Owens River (Upper)	60320000	Habitat alterations		Low	69 Miles	
				<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			

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6	R	Pine Creek (Eagle)	63720010	Habitat alterations <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	
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)	Medium	1.8 Miles	
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050	Pathogens <i>TMDL to be completed after 2015</i>	Pasture Grazing-Riparian and/or Upland Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boating)	Medium	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	

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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 (Downstream of Susanville)	63720095	Toxicity <i>More monitoring needed to determine source of toxicity</i>	Unknown Nonpoint Source	Low	23 Miles	
6	R	Susan River (upstream of Susanville)	63720020	Unknown Toxicity <i>Source of toxicity unknown.</i>	Agriculture Other Urban Runoff Highway Maintenance and Runoff Natural Sources Source Unknown Nonpoint Source	Medium	35 Miles	
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	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	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 <i>TMDL end date: after 2015</i>	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>TMDL end date: after 2015 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. If a more specific TMDL is needed for Trout Creek, it will be completed after 2015.</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. If a more specific TMDL is needed for Trout Creek, it will be completed after 2015.</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 <i>TMDL end date: after 2015</i>	Urban Runoff--Non-industrial Permitted Erosion/Siltation Natural Sources	Low	0.78 Miles	
				Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for Trout Creek, it will be completed after 2015.</i>	Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	0.78 Miles	
				Pathogens <i>TMDL end date: after 2015</i>	Pasture Grazing-Riparian Natural Sources Recreational and Tourism Activities (non-boating) Transient encampments	Low	0.78 Miles	
				Phosphorus <i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for Trout Creek, it will be completed after 2015.</i>	Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	0.78 Miles	
6	R	Truckee River	63510010	Sedimentation/Siltation <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	Medium	39 Miles	

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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 <i>TMDL end date: after 2015</i>	Natural Sources	Low	4.5 Miles	
				Pathogens <i>TMDL end date: after 2015</i>	Grazing-Related Sources Natural Sources Recreational and Tourism Activities (non-boating)	Low	4.5 Miles	
				Phosphorus <i>Phosphorus loading from river to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015.</i>	Grazing-Related Sources Silviculture Natural Sources	Low	4.5 Miles	
6	R	Truckee River, Upper (below Christmas Valley)	63410042	Iron <i>TMDL end date: after 2015</i>	Erosion/Siltation Natural Sources Unknown Nonpoint Source	Low	11 Miles	
				Nitrogen	Source Unknown	Low	11 Miles	
				Pathogens	Source Unknown	Low	11 Miles	
				Phosphorus <i>Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015.</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	Low	11 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Tuttle Creek	60330140	Habitat alterations <i>Creek may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations.</i>		Low	13 Miles	
Range Grazing-Riparian and/or Upland								
6	L	Twin Lakes (Mammoth)	60310051	Nitrogen <i>Monitoring needed to confirm extent of impairment and need for TMDL.</i>		Low	26 Acres	
					Agriculture			
					Grazing-Related Sources			
					Construction/Land Development			
					Land Development			
					Other Urban Runoff			
					Atmospheric Deposition			
6	L	Twin Lakes (Mammoth)	60310051	Phosphorus <i>Monitoring needed to confirm degree of impairment and need for TMDL.</i>		Low	26 Acres	
					Agriculture			
					Grazing-Related Sources			
					Construction/Land Development			
					Land Development			
					Other Urban Runoff			
6	R	Ward Creek	63420020	Iron <i>TMDL end date: after 2015</i>		Low	5.7 Miles	
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
6	R	Ward Creek	63420020	Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for Ward Creek, it will be completed after 2015.</i>		Low	5.7 Miles	
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		Low	5.7 Miles	
				<i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for Ward Creek, it will be completed after 2015.</i>				
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Urban Runoff--Erosion and Sedimentation			
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
				Sedimentation/Siltation		Medium	5.7 Miles	
				<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			
6	R	West Walker River	63110060	Sedimentation/Siltation		Low	49 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			
6	R	Wolf Creek (Carson)	63210031	Sedimentation/Siltation		Low	12 Miles	
					Range Grazing-Riparian and/or Upland			
					Silviculture			
					Nonpoint Source			

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