NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION T	ГҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
1	В	Bodega HU, Bodega Harbor HA	11522000				
				Exotic Species		810 Acres	2019
					Source Unknown		
1	R	Bodega HU, Estero Americano HA, Americano Creek	11530000				
				Nutrients		38 Miles	2019
				(SPWs): 115.30010 and 115.	icano HA, Americano Creek includes the follow 30011. Water Quality Attainment strategy is att jectives, as was done in the Estero de San Anton by NCRWQCB in Dec, 97.	tempting to increase volu	untary measures for
					Pasture Grazing-Riparian and/or Upland		
					Range Grazing-Riparian		
					Range Grazing-Upland		
					Intensive Animal Feeding Operations		
					Manure Lagoons		
					Dairies		
1	E	Bodega HU, Estero Americano HA, estuary	11530012	Nutrients		199 Acres	2019
				Water Quality Attainment str as was done in the Estero de	ategy is attempting to increase voluntary measun San Antonio/Stemple Creek TMDL Water Qualit y Control Board (NCRWQCB) in Dec, 97.	res for attainment of star	ndards & objectives,
				2	Pasture Grazing-Riparian and/or Upland		
					Manure Lagoons		
				Sedimentation/Siltation		199 Acres	2019
				~ ,	ategy is attempting to increase voluntary measur San Antonio/Stemple Creek TMDL Water Qualit	· ·	
					Range Grazing-Riparian		
					Hydromodification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Nonpoint Source		
1	C	Campbell Cove	11522000				
				Indicator bacteria	TD 1. 4. 2004	0.22 Miles	2019

This listing was made by USEPA for 2006.

Source Unknown

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Cape Mendocino HU, Mattole River HA, Mattole River	11230000	Temperature, water		503 Miles	2019
					Range Grazing-Riparian and/or Upland Silviculture Road Construction Habitat Modification Removal of Riparian Vegetation Natural Sources Nonpoint Source		
1	C	Clam Beach	10820012	Indicator bacteria This listing was made by USEF	PA for 2006. Source Unknown	1.3 Miles	2019
1	C	Doran Regional Park	11521000	Indicator bacteria This listing was made by USEF	PA for 2006. Source Unknown	2 Miles	2019
1	R	Eel River HU, Lower Eel River HA, Eel River Delta	11110000	Sedimentation/Siltation	Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source	426 Miles	2019
				Temperature, water	Removal of Riparian Vegetation Nonpoint Source	426 Miles	2019
1	R	Eel River HU, Middle Fork HA	11170000	Temperature, water USEPA will develop a TMDL f	or Eel River, Middle Fork. Removal of Riparian Vegetation Nonpoint Source	1071 Miles	2019

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1	R	Eel River HU, Middle Main HA	11140000	Sedimentation/Siltation		674 Miles	2004
					Range Grazing-Riparian Range Grazing-Upland Silviculture Harvesting, Restoration, Residue Manager Logging Road Construction/Maintenance Construction/Land Development Land Development Hydromodification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization	nent	
				Temperature, water USEPA has committed to dev	Erosion/Siltation reloping TMDLs for sediment and temperature for Upstream Impoundment Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation	674 Miles Or the Middle Main Eel R	2019 <i>Civer.</i>
1	R	Eel River HU, North Fork HA	11150000	Temperature, water USEPA Will develop a Temp	erature TMDL for Eel River, North Fork. Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	382 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Eel River HU, South Fork HA	11130000				
				Temperature, water		943 Miles	2019
				USEPA will develop a temper	rature TMDL for the Eel River, South Fork.		
					Hydromodification		
					Flow Regulation/Modification		
					Removal of Riparian Vegetation		
					Erosion/Siltation		
					Nonpoint Source		
1	R	Eel River HU, Upper Main HA (Includes Tomki Creek)	11160000				
				Sedimentation/Siltation		1141 Miles	2019
				USEPA will develop a TMDL	for Eel River, Upper Main Fork.		
					Agriculture-grazing		
					Silviculture		
					Harvesting, Restoration, Residue Manageme	nt	
					Logging Road Construction/Maintenance		
					Silvicultural Point Sources		
					Construction/Land Development		
					Highway/Road/Bridge Construction		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
				Temperature, water		1141 Miles	2019
				USEPA will develop a TMDL	for Eel River, Upper Main Fork. Channelization		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Nonpoint Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Eel River HU, Upper Main HA, Lake Pillsbury HSA, Lake Pillsbury	11163000	Mononer		1973 Acres	2019
				Mercury		1975 Acres	2019
					Inactive Mining		
					Natural Sources		
					Nonpoint Source		
1	R	Eureka Plain HU, Elk River	11000000				
				Sedimentation/Siltation		88 Miles	2019
				110.00032, and 110.00042. domestic supply water qualit	ver, includes the following Calwater Planning Sedimentation, threat of sedimentation, impairy, impaired spawning habitat, increased rate of B and California Department of forestry staffor Rules. Silviculture	red irrigation water qualit and depth of flooding due	y, impaired to sediment,
					Harvesting, Restoration, Residue Manag	ement	
					Logging Road Construction/Maintenance	e	
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	n	
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		
1	R	Eureka Plain HU, Freshwater Creek	11000000			04 150	2010
				110.00012, 110.00014, 110.0 quality, impaired domestic si	water Creek, includes the following Calwater 00040, and 110.00050. Sedimentation, threat upply water quality, impaired spawning habito NCRWQCB and California Department of for ractice Rules.	of sedimentation, impaired tt, increased rate and dept	d irrigation water h of flooding due to
					Harvesting, Restoration, Residue Manag	ement	
					Logging Road Construction/Maintenance		
					Removal of Riparian Vegetation	-	
					Streambank Modification/Destabilization	n	
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	В	Eureka Plain HU, Humboldt Bay	11000000				
				Dioxin Toxic Equivalents		16075 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	16075 Acres	2019
				This listing was made by USI	EPA.		
					Source Unknown		
1	R	Eureka Plain HU, Jacoby Creek watershed	11000000				
				Sediment		19 Miles	2019
				salmonid fishery in Jacoby C	reek, and this decline appears to be correlated w Silviculture Road Construction Land Development Disturbed Sites (Land Develop.) Urban Runoff/Storm Sewers Hydromodification	vith sedimentation.	
					Channelization		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Sediment Resuspension		
					Natural Sources		
					Nonpoint Source		
1	R	Klamath River HU, Butte Valley HA	10580000				
		•		Nutrients		253 Miles	2019

The Klamath River, from source to mouth, is listed as water quality impaired (by both Oregon and California) under

Section 303(d) of the Federal Clean Water Act. In 1992 the California State Water Quality Control Board (SWQCB) proposed that the Klamath River be listed for both temperature and nutrients, requiring the development of Total Maximum Daily Load (TMDL) limits and implementation plans. The United States Environmental Protection Agency (USEPA) and the NCRWQCB accepted this action in 1993. The basis for listing the Klamath River as impaired was aquatic habitat degradation due to excessively warm water temperatures and algae blooms associated with high nutrient loads, water impoundments, and agricultural water diversions.

Nonpoint Source

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Section 303(d) of the Federal temperature and nutrients, replans. The United States Env The basis for listing the Klam	ce to mouth, is listed as water quality i Clean Water Act. In 1992 the SWQCE quiring the development of Total Maxi ironmental Protection Agency (USEPA ath River as impaired was aquatic hab ns associated with high nutrient loads,	3 proposed that the Klamath River mum Daily Load (TMDL) limits an A) and the NCRWQCB accepted thi itat degradation due to excessively	be listed for both d implementation is action in 1993. warm water
			diversions.	Nonpoint Source		
	Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	10590000				
			Mt. Dome HSA 105.91 and Tu impaired (by both Oregon and State Water Quality Control I nutrients, requiring the develo United States Environmental for listing the Klamath River of	River HA, Tule Lake and Mt Dome include Lake HSA 105.92. The Klamath Rival California) under Section 303(d) of the Board (SWQCB) proposed that the Klamath of Total Maximum Daily Load of Protection Agency (USEPA) and the Notes impaired was aquatic habitat degrawith high nutrient loads, water impound Agriculture Specialty Crop Production Agriculture-subsurface drainage Agriculture-irrigation tailwater Agricultural Return Flows Water Diversions Agricultural Water Diversion Habitat Modification Removal of Riparian Vegetation Drainage/Filling Of Wetlands Natural Sources	ver, from source to mouth, is listed the Federal Clean Water Act. In 19 math River be listed for both tempe (TMDL) limits and implementation CRWQCB accepted this action in a dation due to excessively warm wa	as water quality 192 the California erature and 1 plans. The 1993. The basis ter temperatures

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						USEFA AFFROVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River HU, Lower HA, Klamath Glen HSA	10511000				
				Nutrients		609 Miles	2006
				, 0,	icipal wastewater discharge, industrial facilities, te are significant sources of nutrient loads to the Industrial Point Sources		* *
					Major Industrial Point Source		
					Minor Industrial Point Source		
					Municipal Point Sources		
					Major Municipal Point Source-dry and/or weather discharge	wet	
					Minor Municipal Point Source-dry and/or weather discharge	wet	
					Agriculture		
					Irrigated Crop Production		
					Specialty Crop Production		
					Pasture Grazing-Riparian and/or Upland		
					Range Grazing-Riparian		
					Intensive Animal Feeding Operations		
					Agriculture-storm runoff		
					Agriculture-subsurface drainage		

Agriculture-irrigation tailwater

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					USEPA APPROVAL I	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Organic Enrichment/Low Dis	ssolved Oxygen	609 Miles	2006
				nicipal wastewater discharge, industria ste are significant sources of organic e		
				Industrial Point Sources		
				Municipal Point Sources		
				Agriculture		
				Irrigated Crop Production		
				Specialty Crop Production		
				Range Grazing-Riparian		
				Agriculture-storm runoff		
				Agriculture-subsurface drainage		
				Agriculture-irrigation tailwater		
				Agriculture-animal		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Out-of-state source		
			Sedimentation/Siltation		609 Miles	2019
			list for the tribal lands. It is	o be on tribal lands, USEPA should pla not the State Water Board's intent that al of dams on the Klamath River	• •	
				Source Unknown		
			Temperature, water		609 Miles	2006
			Flow regulation and diversion bottom, all contribute to elev	on, coupled with reduced riparian vege vated water temperatures.	tative cover and darker material or	n the channel
				Hydromodification		
				Dam Construction		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Water Diversions		
				Habitat Modification		
				Removal of Riparian Vegetation		

Channel Erosion

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River HU, Middle HA, Iron Gate Dam to Scott River	10530000				
		Dam to Scott River		Nutrients		548 Miles	2006
					e HA, Iron Gate Dam to Scott River includes Hornbrook HSA 105.36. The Klamath Rive on and California.	, , ,	1 /
					Out-of-state source		
					Nonpoint/Point Source		
				Organic Enrichment/Low Disse	olved Oxygen	548 Miles	2006
				Beaver Creek HSA 105.35 and	e HA, Iron Gate Dam to Scott River includes Hornbrook HSA 105.36. The impairment li ates Fish and Wildlife Service Report.		
					Out-of-state source		
				_	Nonpoint/Point Source		
				Temperature, water		548 Miles	2006
				The Klamath River HU, Middl Beaver Creek HSA 105.35 and		the following Hydrologic is	Sub Areas (HSAs) :
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Nonpoint Source		
1	R	Klamath River HU, Middle HA, Oregon to Iron Gate	10530000				
				Nutrients		129 Miles	2006
				The Klamath River HU, Middl Iron Gate HSA 115.37 and Co	e HA, Oregon to Iron Gate Dam includes the pco HSA 105.38.	e following Hydrologic Sub	Areas (HSAs):
					Industrial Point Sources		
					Municipal Point Sources		
					Agriculture		
					Specialty Crop Production		
					Agricultural Return Flows		
					Internal Nutrient Cycling (primarily lak	es)	
					Natural Sources		
					Nonpoint Source		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Organic Enrichment/Low Dis	solved Oxygen	129 Miles	2006
			The Klamath River HU, Midd Iron Gate HSA 115.37 and Co	lle HA, Oregon to Iron Gate Dam includes the fo opco HSA 105.38.	ollowing Hydrologic Sub	Areas (HSAs):
				Industrial Point Sources		
				Municipal Point Sources		
				Agriculture		
				Irrigated Crop Production		
				Specialty Crop Production		
				Range Grazing-Riparian and/or Upland		
				Agriculture-storm runoff		
				Agriculture-subsurface drainage		
				Agriculture-irrigation tailwater		
				Agriculture-animal		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Out-of-state source		
			Temperature, water		129 Miles	2006
			The Klamath River HU, Midd Iron Gate HSA 115.37 and Co	lle HA, Oregon to Iron Gate Dam includes the footoo HSA 105.38.	following Hydrologic Sub	Areas (HSAs):
				Hydromodification		
				Upstream Impoundment		
				Flow Regulation/Modification		

Nonpoint Source

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River HU, Middle HA, Scott River to Trinity River	10500000				
		•		Nutrients		1389 Miles	2006
					dle HA, Scott River to Trinity River includes om HSA 105.31, Happy Camp HSA 105.32, a Industrial Point Sources		
					Municipal Point Sources		
					Agriculture		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Wastewater - land disposal		
					Upstream Impoundment		
					Natural Sources		
					Nonpoint Source		
					Out-of-state source		
				Organic Enrichment/Low Dis		1389 Miles	2006
					dle HA, Scott River to Trinity River includes om HSA 105.31, Happy Camp HSA 105.32, a	0 0 0	, ,
					Industrial Point Sources		
					Municipal Point Sources		
					Combined Sewer Overflow		
					Agriculture		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Upstream Impoundment		
					Flow Regulation/Modification		

Out-of-state source

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature, water		1389 Miles	2006
					le HA, Scott River to Trinity River includes the f m HSA 105.31, Happy Camp HSA 105.32, and So		
					Hydromodification		
					Channelization		
					Dam Construction		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Water Diversions		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Natural Sources		
					Nonpoint Source		
1	L	Klamath River HU, Tule Lake and Lower Klamath Lake National Wildlife Refuge	10590000				
				pH (high)		26998 Acres	2006
				Planning Watersheds (PWS): 105.92020. The pH of surface effects on biological systems. high pH levels can increase th Photosynthetic activity of alge	Lake and Lower Klamath Lake National Wildlife Lower Klamath Lake National Wildlife Refuge Is water can influence the toxicity of dissolved ma High pH levels influence ammonia concentration he solubility of minerals and metals, which can ea ae effects carbonate cycling, which influences phall Wildlife Refuge are likely due to photosynthetic Internal Nutrient Cycling (primarily lakes) Nonpoint Source	PWS 105.91020 and Tu terials resulting in syne ons which can be toxic t ffect fish and other aqu H. Elevated pH levels ir	le Lake PWS orgistic and direct o fish. In addition, atic organisms.
1	С	Luffenholtz Beach	10810012				
1	C	Luitimoni Death	10010012	Indicator bacteria This listing was made by USE	SPA for 2006. Source Unknown	0.11 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
1	R	Mad River HU, Mad River	10900000				
				Sedimentation/Siltation		654 Miles	2019
					or the Mad River. Sediment TMDLS will (North Fork), (2) the mad River (Upper) Silviculture		
					Resource Extraction		
					Nonpoint Source		
				Temperature, water		654 Miles	2019
				may be a source of impairmen two years of record at most lo available temperature criteria	ure data collected on the mainstem of the nt of cold water fisheries in the river. Do ocations. MWAT values at all of the 11 lo a for sub-lethal effects (reduced growth) ist of the 11 locations in most years are h Upstream Impoundment	nta were available from 11 locations ocations exceeded 20°C, and ar on juvenile salmonids. Records	tions, with at least e higher than any
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Nonpoint Source		
					Unknown Nonpoint Source		
				Turbidity		654 Miles	2019
				Turbidity TMDLs will be deve River (Upper), and (3) the Ma	eloped for the area tributary to and incluad River (Middle).	nding: (1) the Mad River (North	Fork), (2) the Mad
					Silviculture		
					Resource Extraction		
					Nonpoint Source		
1	R	Mendocino Coast HU, Albion River HA, Albion River	11340000				
				Temperature, water		91 Miles	2019
					Source Unknown		

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1	R	Mendocino Coast HU, Big River HA, Big River	11330000				
				Temperature, water		225 Miles	2019
				municipal and domestic supply a threatened species under the Big River are extremely low co River watershed indicate that	uses supported by the Big River include uses assort. The Big River provides habitat for coho salm federal Endangered Species Act. Populations ompared to historical levels. Recent (1996-2000) high temperature levels may be a source of impress of the watershed from the confluence with the grand the North Fork Big. Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Erosion/Siltation Nonpoint Source	oon and steelhead trout, of coho salmon and stee) temperature data gath airment of cold water fi	which are listed as elhead trout in the ered in the Big sheries in the river.
1	R	Mendocino Coast HU, Garcia River HA, Garcia River	11370000				
				Temperature, water		154 Miles	2019
				(Pardaloe Creek), 113.70011, estuary, which includes that posediment has been adopted by	ing coldwater fisheries in these reaches and sub 12, 13, 14, 20, 21 and the entire mainstem Garaption of 113.70022, 23, 24, 25, and 26. Februa NCRWQCB and approved by SWRCB and Officasures in this TMDL will improve conditions re Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	cia River from Pardaloe ary 2002- The Garcia R ce of Administrative Lav	e Creek to the iver TMDL for w. It is possible that

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1	R	Mendocino Coast HU, Gualala River HA, Gualala River	11380000				
				Temperature, water		455 Miles	2019
				be a source of impairment of below threshold levels and ap	ure data collected in the Gualala River watersh cold water fisheries in the watershed. Tempera pear to exhibit properly functioning conditions pperature, with the exception of the Little North	tures in the Little North with respect to stream to	Fork are generally
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Channel Erosion		
					Erosion/Siltation		
					Nonpoint Source		
1	R	Mendocino Coast HU, Navarro River HA	11350000				
				Temperature, water		415 Miles	2019
				*	en developed for: (1) the area tributary to and and including the Navarro River below Philo.	including the Navarro R	iver above Philo
					Agriculture		
					Agricultural Return Flows Resource Extraction		
					Flow Regulation/Modification		
					Water Diversions		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Nonpoint Source		
1	R	Mendocino Coast HU, Noyo River HA, Noyo River	11320000				
				Temperature, water		144 Miles	2019
				confluence of Duffy Gulch do	e following areas of the Noyo River watershed: wntstream to the confluence with Hayshed Gulo Creek downstream to the confluence with Noyo , h. and Kass Creek tributaries.	ch;The South Fork No	yo River mainstem
				J / 1007 G	Source Unknown		

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			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
1	R	Mendocino Coast HU, Noyo River HA, Pudding Creek	11320050	T		24 Miles	2019
				Temperature, water		24 Willes	2019
					Source Unknown		
1	R	Mendocino Coast HU, Rockport HA, Ten Mile River HSA	11310000				
				Temperature, water		162 Miles	2019
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		
1	C	Moonstone County Park	10820012				
				Indicator bacteria	VPL 6 2006	0.18 Miles	2019
				This listing was made by USE	Source Unknown		
1	R	Redwood Creek HU, Redwood Creek	10700000				
				Temperature, water		332 Miles	2019
					ure data collected in the Redwood Creek waters at of cold water fisheries in the river.	hed indicate that high te	emperature levels
					Logging Road Construction/Maintenance		
					Removal of Riparian Vegetation Streambank Modification/Destabilization		
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		

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			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
1	R	Russian River HU, Lower Russian River HA, Austin Creek HSA	11412000				
				Sedimentation/Siltation		81 Miles	2019
				Sediment impacts in Russian	River tributaries prompted listing entire Russian Silviculture	River watershed for sec	liment.
					Construction/Land Development		
					Disturbed Sites (Land Develop.)		
					Dam Construction		
					Flow Regulation/Modification		
					Erosion/Siltation		
				Temperature, water		81 Miles	2019
				municipal and domestic supp listed as a threatened species	uses supported by the Russian River include uses ly. The Russian River provides habitat for coho sunder the federal Endangered Species Act.Rece ed indicate that high temperature levels may be a	salmon and steelhead tr nt (1997-2000) tempera	out, which are ture data collected
					Hydromodification		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Nonpoint Source		
1	R	Russian River HU, Lower Russian River HA, Guerneville HSA	11411000				
				Pathogens		195 Miles	2008
				0	e Rio area of this watershed from the confluence Memorial Beach from the Hwy 101 crossing to the		0
					Nonpoint/Point Source	105 55	
				pH	Common Const. of the const. of the B.	195 Miles	2019
				Listing only applies to Pocke	t Canyon Creek, a tributary to the lower Russian	i Kiver within the greate	r Guerneville HSA.

Source Unknown

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		195 Miles	2019
			Sediment impacts in Russian	River tributaries prompted listing entire Russia	n River watershed for sed	liment .
				Agriculture		
				Irrigated Crop Production		
				Specialty Crop Production		
				Agriculture-storm runoff		
				Agriculture-grazing		
				Silviculture		
				Construction/Land Development		
				Highway/Road/Bridge Construction		
				Land Development		
				Hydromodification		
				Channelization		
				Dam Construction		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
				Drainage/Filling Of Wetlands		
				Channel Erosion		
				Erosion/Siltation		
			Temperature, water		195 Miles	2019
			municipal and domestic supp listed as a threatened species	uses supported by the Russian River include us oly. The Russian River provides habitat for cohe is under the federal Endangered Species Act.Rec ed indicate that high temperature levels may be	salmon and steelhead tr ent (1997-2000) tempera	out, which are ture data collected
			•	Hydromodification		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		

Nonpoint Source

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
R	Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA	11426000				
			Sedimentation/Siltation		85 Miles	2019
			Sediment impacts in Russian	River tributaries prompted listing entire Russian	River watershed for see	diment .
				Geothermal Development		
				Erosion/Siltation		
				Nonpoint Source		
			Specific Conductivity		85 Miles	2019
				Source Unknown		
			Temperature, water		85 Miles	2019
			municipal and domestic supp listed as a threatened species	oly. The Russian River provides habitat for coho s under the federal Endangered Species Act.Rece	salmon and steelhead tr nt (1997-2000) tempera	out, which are ture data collected
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Nonpoint Source		
			TYPE NAME WATERSHED R Russian River HU, Middle Russian River 11426000	R Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA Sedimentation/Siltation Sediment impacts in Russian Specific Conductivity Temperature, water The most sensitive beneficial municipal and domestic supplisted as a threatened species in the Russian River watersh	R Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA Sedimentation/Siltation Sediment impacts in Russian River tributaries prompted listing entire Russian Geothermal Development Erosion/Siltation Nonpoint Source Specific Conductivity Source Unknown Temperature, water The most sensitive beneficial uses supported by the Russian River include use municipal and domestic supply. The Russian River provides habitat for coholisted as a threatened species under the federal Endangered Species Act. Recein in the Russian River autershed indicate that high temperature levels may be a fisheries in the watershed. Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation	R Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA Sedimentation/Siltation Sediment impacts in Russian River tributaries prompted listing entire Russian River watershed for see Geothermal Development Erosion/Siltation Nonpoint Source Specific Conductivity Source Unknown Temperature, water The most sensitive beneficial uses supported by the Russian River include uses associated with the communicipal and domestic supply. The Russian River provides habitat for coho salmon and steelhead to listed as a threatened species under the federal Endangered Species Act. Recent (1997-2000) temperation the Russian River watershed indicate that high temperature levels may be a source of impairment of fisheries in the watershed. Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						COLITITIO	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River HU, Middle Russian River HA, Geyserville HSA	11425000				
		, •		Sedimentation/Siltation		242 Miles	2019
				Sediment impacts in Russian	River tributaries prompted listing entire Russi	ian River watershed for sec	liment TMDL.
					Agriculture		
					Nonirrigated Crop Production		
					Irrigated Crop Production		
					Specialty Crop Production		
					Range Grazing-Riparian		
					Range Grazing-Upland		
					Agriculture-storm runoff		
					Agriculture-grazing		
					Silviculture		
					Construction/Land Development		
					Geothermal Development		
					Disturbed Sites (Land Develop.)		
					Surface Runoff		
					Resource Extraction		
					Channelization		
					Bridge Construction		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	n	
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Natural Sources		

Nonpoint Source

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			municipal and domestic suppl listed as a threatened species	uses supported by the Russian River in y. The Russian River provides habita under the federal Endangered Specie d indicate that high temperature leve	nt for coho salmon and steelhead t es Act.Recent (1997-2000) tempera	rout, which are ture data collected
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Nonpoint Source		

_ _ _

11421000

Russian River HU, Middle Russian River

HA, Laguna de Santa Rosa

Low Dissolved Oxygen

96 Miles

2008

The Laguna de Santa Rosa was added to the 303(d) List in 1990 for high levels of ammonia and low dissolved oxygen (DO) concentrations. A TMDL was completed for the Laguna for ammonia and dissolved oxygen in 1995. The TMDL concluded that high ammonia levels in the Laguna were the result of point and non-point source nitrogen inputs of various forms. Low dissolved oxygen concentrations were a result of inputs of organic matter and nutrients which stimulate algal growth and subsequently cause depressed dissolved oxygen levels when the algae dies and decays. The TMDL took the form of a Waste Reduction Strategy (WRS) which addressed the reduction of nitrogen loading from point and non-point sources. With the implementation of the WRS and operational improvements at the City of Santa Rosa Waste Water Treatment Plant as well as improvements in waste storage and disposal activities at local dairies, nitrogen inputs to the Laguna were significantly reduced. Following implementation of the WRS and the subsequent attainment of nitrogen-ammonia interim concentration goals, as stated in the WRS, the Laguna was removed from the 303(d) List for ammonia and dissolved oxygen in 1998, pursuant to a recommendation by US EPA. However, dissolved oxygen levels in the Laguna continue to fall below the Regional Water Board Basin Plan minimum DO objective of 7.0 mg/L and in many cases fluctuate significantly on a daily and seasonal basis. Based on available information, it appears that phosphorus may contribute to the dissolved oxygen fluctuations. However, the cause of the low dissolved oxygen levels is not certain. While elevated phosphorus levels may contribute to low DO, nitrogen to phosphorus ratios, based on recent Laguna measurements, indicate that nitrogen may be the macronutrient controlling plant growth in the Laguna. A TMDL addressing nutrients (both nitrogen and phosphorus) and dissolved oxygen is necessary for water quality objective attainment.

Internal Nutrient Cycling (primarily lakes)

Nonpoint Source

Point Source

Mercury 96 Miles 2019

Source Unknown

Nitrogen 96 Miles 2019

This listing was made by USEPA.

Internal Nutrient Cycling (primarily lakes)

Nonpoint Source

Point Source

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		96 Miles	2019
			This listing was made by USA	EPA.		
				Internal Nutrient Cycling (primarily lak	es)	
				Nonpoint Source		
				Point Source		
			Sedimentation/Siltation		96 Miles	2019
			Entire Russian River watersh	ned (including Laguna de Santa Rosa) is listed	for sedimentation.	
				Road Construction		
				Land Development		
				Disturbed Sites (Land Develop.)		
				Urban Runoff/Storm Sewers		
				Other Urban Runoff		
				Highway/Road/Bridge Runoff		
				Hydromodification		
				Channelization		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization	n	
				Drainage/Filling Of Wetlands		
				Channel Erosion		
				Erosion/Siltation		
				Erosion From Derelict Land		
				Highway Maintenance and Runoff		
				Nonpoint Source		
			Temperature, water	-	96 Miles	2008
			Entire Russian River watersh beneficial uses supported by domestic supply. The Russia threatened species under the	ned (including Laguna de Santa Rosa) is listed the Russian River include uses associated with n River provides habitat for coho salmon and federal Endangered Species Act.Recent (1997 icate that high temperature levels may be a so	for temperature. The moss h the cold water fishery and steelhead trout, which are -2000) temperature data co	sensitive I municipal and listed as a bllected in the
				Hydromodification		
				Upstream Impoundment		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization	n	
				Nonpoint Source		

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						USEI A AIT KOVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River HU, Middle Russian River HA, Mark West Creek HSA	11423000				
		,		Sedimentation/Siltation		99 Miles	2019
				Russian River Watershed trib	butary sediment impairments led to listing of enti		ent .
					Agriculture		
					Irrigated Crop Production		
					Specialty Crop Production		
					Range Grazing-Riparian and/or Upland		
					Range Grazing-Riparian		
					Intensive Animal Feeding Operations		
					Agriculture-storm runoff		
					Agriculture-grazing		
					Silviculture		
					Harvesting, Restoration, Residue Manager	nent	
					Construction/Land Development		
					Highway/Road/Bridge Construction		
					Land Development		
					Disturbed Sites (Land Develop.)		
					Other Urban Runoff		
					Surface Runoff		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		

Erosion/Siltation

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Temperature, water		99 Miles	2019
			The most sensitive beneficial uses supported by the Russian River include uses associated with the cold water fishery and municipal and domestic supply. The Russian River provides habitat for coho salmon and steelhead trout, which are listed as a threatened species under the federal Endangered Species Act.Recent (1997-2000) temperature data collected in the Russian River watershed indicate that high temperature levels may be a source of impairment of cold water fisheries in the watershed.			
				Hydromodification		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
				Nonpoint Source		
	Russian River HU, Middle Russian River HA, Santa Rosa Creek	11422000				
			Pathogens		87 Miles	2008
				Nonpoint Source		
				Point Source		

Point Source

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		87 Miles	2019
			Entire Russian River watersh	hed (including Santa Rosa Creek) is listed for sea	limentation.	
				Agriculture		
				Nonirrigated Crop Production		
				Irrigated Crop Production		
				Specialty Crop Production		
				Pasture Grazing-Riparian and/or Upland		
				Range Grazing-Riparian		
				Range Grazing-Upland		
				Dairies		
				Construction/Land Development		
				Highway/Road/Bridge Construction		
				Land Development		
				Urban Runoff/Storm Sewers		
				Urban RunoffNon-industrial Permitted		
				Other Urban Runoff		
				Surface Runoff		
				Hydromodification		
				Channelization		
				Bridge Construction		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
				Drainage/Filling Of Wetlands		
				Channel Erosion		
				Erosion/Siltation		
				Natural Sources		
				Nonpoint Source		
			Temperature, water		87 Miles	2019
			Entire Russian River watersh	hed (including Santa Rosa Creek) is listed for ten Hydromodification	perature.	
				Upstream Impoundment		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
				Nonpoint Source		

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						USEPA APPROVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	D	Description Discountific Middle Description	11424000				
1	R	Russian River HU, Middle Russian River HA, Warm Springs HSA	11424000				
		•		Sedimentation/Siltation		255 Miles	2019
				Sediment impacts in Russian	River tributaries prompted listing entire Russ	ian River watershed for sea	liment .
					Agriculture		
					Agriculture-storm runoff		
					Silviculture		
					Logging Road Construction/Maintenand	ce	
					Construction/Land Development		
					Highway/Road/Bridge Construction		
					Disturbed Sites (Land Develop.)		
					Hydromodification		
					Channelization		
					Dam Construction		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	n	
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Nonpoint Source		
				Temperature, water		255 Miles	2019
				municipal and domestic supp listed as a threatened species	uses supported by the Russian River include to by. The Russian River provides habitat for cost under the federal Endangered Species Act.R. ed indicate that high temperature levels may be	ho salmon and steelhead tr ecent (1997-2000) temperat	out, which are ure data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilizatio	n	

Nonpoint Source

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Russian River HU, Middle Russian River HA, Warm Springs HSA, Lake Sonoma [Reservoir]	11424000				
		[Reservoir]		Mercury		2377 Acres	2019
					le Russian River HA, Warm Springs HSA, Lake So ds (PWS): 114.24022, 114.24030 and 114.24032		udes the following
					Resource Extraction		
					Nonpoint Source		
1	R	Russian River HU, Upper Russian River HA, Coyote Valley HSA	11432000				
				Sedimentation/Siltation		171 Miles	2019
				Russian River Watershed trib	nutary sediment impairments led to listing of entire	e watershed for sedime	nt.
					Agriculture		
					Silviculture		
					Construction/Land Development		
					Hydromodification		
					Channelization		
					Dam Construction		
					Flow Regulation/Modification		
					Bridge Construction Habitat Modification		
					Removal of Riparian Vegetation Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					ET OSTOTA STRUCTU		

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				Temperature, water		171 Miles	2019
				municipal and domestic supp listed as a threatened species	uses supported by the Russian River include use ly. The Russian River provides habitat for coho under the federal Endangered Species Act.Rece ed indicate that high temperature levels may be o	salmon and steelhead tr nt (1997-2000) tempera	out, which are ture data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		
1	L	Russian River HU, Upper Russian River HA, Coyote Valley HSA, Lake Mendocino [Reservoir]	11432060				
				Mercury		1704 Acres	2019
					Resource Extraction		
					Nonpoint Source		
1	R	Russian River HU, Upper Russian River HA, Forsythe Creek HSA	11433000				
				Sedimentation/Siltation		122 Miles	2019
				Russian River Watershed trib	outary sediment impairments led to listing of enti Erosion/Siltation	re watershed for sedime	nt .
					Nonpoint Source		
				Temperature, water		122 Miles	2019
				municipal and domestic supp listed as a threatened species	uses supported by the Russian River include use ly. The Russian River provides habitat for coho under the federal Endangered Species Act.Rece ed indicate that high temperature levels may be o	salmon and steelhead tr nt (1997-2000) tempera	out, which are ture data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

						COLITITIO	DATE: JUNE 28, 200
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River HU, Upper Russian River HA, Ukiah HSA	11431000				
				Sedimentation/Siltation		460 Miles	2019
				Russian River Watershed tribu	tary sediment impairments led to listing of enti Agriculture	ire watershed for sedime	nt.
					Silviculture		
					Construction/Land Development		
					Resource Extraction		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Highway Maintenance and Runoff		
					Natural Sources		
				Temperature, water		460 Miles	2019
				municipal and domestic supply listed as a threatened species i	ses supported by the Russian River include use The Russian River provides habitat for coho under the federal Endangered Species Act.Rece l indicate that high temperature levels may be	salmon and steelhead tr ent (1997-2000) temperat	out, which are ture data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		
1	C	Salmon Creek Park (South)	11521000				
		, ,		Indicator bacteria		2.3 Miles	2019
				This listing was made by USEI	PA for 2006.		
					Source Unknown		
1	С	Trinidad State Beach	10810012				
				Indicator bacteria		0.95 Miles	2019
				This listing was made by USEI	v		
					Source Unknown		

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Trinity Lake (was Claire Engle Lake)	10640000	Mercury		15985 Acres	2019
					Source Unknown		
1	R	Trinity River HU, South Fork HA	10620000	Temperature, water Elevated temperatures impac River.	t coldwater fisheries. USEPA will be developin Range Grazing-Riparian Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization	1161 Miles g temperature TMDL for	2019 · South Fork Trinity
1	R	Trinity River HU, Upper HA, Trinity River, East Fork	10640000		HA, Trinity River, East Fork includes the follow 106.40030 and Blue Ridge SPW 106.40040. Source Unknown	92 Miles ving Calwater Super Pla	2019 nning Watersheds

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

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

	<u>ABBREVIATIONS</u>		
REGI	IONAL WATER QUALITY CONTROL BOARDS	WAT	ER BODY TYPE
1	North Coast	B =	Bays and Harbors
2	San Francisco Bay	C =	Coastal Shorelines/Beaches
3	Central Coast	$\mathbf{E} =$	Estuaries
4	Los Angeles	L =	Lakes/Reserviors
5	Central Valley	$\mathbf{R} =$	Rivers and Streams
6	Lahontan	S =	Saline Lakes
7	Colorado River Basin	T =	Wetlands, Tidal
8	Santa Ana	$\mathbf{W} =$	Wetlands, Freshwater
9	San Diego		

GROUP A PESTICIDES OR CHEM A

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

<u>CALWATER WATERSHED</u>
"Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.