REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	В	Bodega HU, Bodega Harbor HA	11522000	F 4 0 .		010	2010
				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 voli	ıntary 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 stra as was done in the Estero de l	ntegy is attempting to increase voluntary measur San Antonio/Stemple Creek TMDL Water Quality oy Control Board (NCRWQCB) in Dec, 97. Pasture Grazing-Riparian and/or Upland	res for attainment of star	ndards & objectives,
					Manure Lagoons		
				Sedimentation/Siltation		199 Acres	2019
				~ :	ttegy 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		

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
				remperature, water		303 Miles	2019
					Range Grazing-Riparian and/or Upland		
					Silviculture		
					Road Construction		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Natural Sources		
					Nonpoint Source		
1	R	Eel River HU, Lower Eel River HA, Eel River Delta	11110000				
				Sedimentation/Siltation		426 Miles	2019
					Range Grazing-Riparian and/or Upland		
					Silviculture		
					Nonpoint Source		
				Temperature, water		426 Miles	2019
					Removal of Riparian Vegetation		
					Nonpoint Source		
1	R	Eel River HU, Middle Fork HA	11170000				
				Temperature, water		1071 Miles	2019
				USEPA will develop a TMDL	for Eel River, Middle Fork. Removal of Riparian Vegetation		
					Nonpoint Source		
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Eel River HU, Middle Main HA	11140000	Sedimentation/Siltation		674 Miles	2004
				Temperature, water USEPA has committed to dev	Range Grazing-Riparian Range Grazing-Upland Silviculture Harvesting, Restoration, Residue Managem Logging Road Construction/Maintenance Construction/Land Development Land Development Hydromodification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation eloping TMDLs for sediment and temperature for Upstream Impoundment Habitat Modification Removal of Riparian Vegetation Streambank Modification Destabilization Streambank Modification Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation	674 Miles	2019 River.
i	R	Eel River HU, North Fork HA	11150000	Temperature, water USEPA Will develop a Tempe	rature TMDL for Eel River, North Fork. Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	382 Miles	2019

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 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	943 Miles	2019
1	R	Eel River HU, Upper Main HA (Includes Tomki Creek)	11160000	Sedimentation/Siltation USEPA will develop a TMDL	for Eel River, Upper Main Fork. Agriculture-grazing Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Silvicultural Point Sources Construction/Land Development Highway/Road/Bridge Construction Removal of Riparian Vegetation Streambank Modification/Destabilization	1141 Miles	2019
				Temperature, water USEPA will develop a TMDL	Frosion/Siltation for Eel River, Upper Main Fork. Channelization Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Nonpoint Source	1141 Miles	2019

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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				
		Finishury HSA, Lake Finishury		Mercury		1973 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 Plannin Sedimentation, threat of sedimentation, impa- y, impaired spawning habitat, increased rate B and California Department of forestry staf Rules.	ired irrigation water quality and depth of flooding due to	v, impaired o sediment,
					Silviculture		
					Harvesting, Restoration, Residue Mana	gement	
					Logging Road Construction/Maintenand	ce	
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	n	
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		
1	R	Eureka Plain HU, Freshwater Creek	11000000	Sedimentation/Siltation		84 Miles	2019

The Eureka Plain HU, Freshwater Creek, includes the following Calwater Planning Watersheds (PWS): 110.00011,

110.00012, 110.00014, 110.00040, and 110.00050. Sedimentation, threat of sedimentation, impaired irrigation water quality, impaired domestic supply water quality, impaired spawning habitat, increased rate and depth of flooding due to sediment, property damage. NCRWQCB and California Department of forestry staff are involved in ongoing efforts to attain adherance to Forest Practice Rules.

Harvesting, Restoration, Residue Management

Logging Road Construction/Maintenance

Removal of Riparian Vegetation

Streambank Modification/Destabilization

Erosion/Siltation

Natural Sources

Nonpoint Source

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 bipheny	ls)	16075 Acres	2019
				This listing was made by USEF	PA.		
					Source Unknown		
1	R	Eureka Plain HU, Jacoby Creek watershed	11000000				
				Sediment		19 Miles	2019
				and 110.00013. The beneficial	Creek watershed includes the following Calwa uses of Jacoby Creek appear to be threatened ek, and this decline appears to be correlated w	. Specifically, records s	
					Silviculture		
					Road Construction		
					Land Development		
					Disturbed Sites (Land Develop.)		
					Urban Runoff/Storm Sewers		
					Hydromodification Channelization		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Sediment Resuspension		
					Natural Sources		
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River HU, Butte Valley HA	10580000				
				Nutrients		253 Miles	2019
				Section 303(d) of the Federal proposed that the Klamath Ri Maximum Daily Load (TMDL (USEPA) and the NCRWQCB aquatic habitat degradation d	ce to mouth, is listed as water quality impaired Clean Water Act. In 1992 the California State wer be listed for both temperature and nutrients, limits and implementation plans. The United accepted this action in 1993. The basis for list we to excessively warm water temperatures and agricultural water diversions.	Water Quality Control B, requiring the developm States Environmental Proing the Klamath River as	oard (SWQCB) ent of Total otection Agency s impaired was
					Nonpoint Source		
				Temperature, water		253 Miles	2019
				Section 303(d) of the Federal temperature and nutrients, rec plans. The United States Envi The basis for listing the Klam	ce to mouth, is listed as water quality impaired Clean Water Act. In 1992 the SWQCB propose wiring the development of Total Maximum Dail ronmental Protection Agency (USEPA) and the 4th River as impaired was aquatic habitat degress associated with high nutrient loads, water im	ed that the Klamath River ly Load (TMDL) limits ar PNCRWQCB accepted th adation due to excessivel	r be listed for both nd implementation nis action in 1993. ly warm water
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	10590000				
				Nutrients		612 Miles	2006
				Mt. Dome HSA 105.91 and Tu- impaired (by both Oregon and State Water Quality Control B nutrients, requiring the develo United States Environmental F for listing the Klamath River a	tiver HA, Tule Lake and Mt Dome includes the Jale Lake HSA 105.92. The Klamath River, from California) under Section 303(d) of the Federa Oard (SWQCB) proposed that the Klamath River, pment of Total Maximum Daily Load (TMDL) leads to the Include of Total Maximum Daily Load (TMDL) leads impaired was aquatic habitat degradation durith high nutrient loads, water impoundments, and 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	source to mouth, is listed al Clean Water Act. In 1 ar be listed for both temp limits and implementation B accepted this action in the to excessively warm w	d as water quality 1992 the California perature and on plans. The 1993. The basis ater temperatures
					Nonpoint Source		

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ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
R	Klamath River HU, Lower HA, Klamath Glen HSA	10511000				
			Nutrients		609 Miles	2006
				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		
		R Klamath River HU, Lower HA, Klamath	TYPE NAME WATERSHED R Klamath River HU, Lower HA, Klamath 10511000	TYPE NAME WATERSHED POLLUTANT/STRESSOR R Klamath River HU, Lower HA, Klamath Glen HSA Nutrients Klamath Falls (Oregon) mun	R Klamath River HU, Lower HA, Klamath Glen HSA Nutrients Klamath Falls (Oregon) municipal wastewater discharge, industrial facilities discharge of agricultural waste are significant sources of nutrient loads to the Industrial Point Source Major Industrial Point Source Minor Industrial Point Sources Major Municipal Point Sources Major Municipal Point Source-dry and/or weather discharge Minor Municipal Point Source-dry and/or weather discharge Agriculture Irrigated Crop Production Specialty Crop Production Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian Intensive Animal Feeding Operations Agriculture-storm runoff	TYPE NAME WATERSHED POLLUTANT/STRESSOR SOURCES SIZE AFFECTED R Klamath River HU, Lower HA, Klamath Glen HSA Nutrients Nutrients

Agriculture-irrigation tailwater

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, industrial fac ste are significant sources of organic enric		
			v	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 place to not the State Water Board's intent that this 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 vegetative teated water temperatures. Hydromodification	ve cover and darker material o	n the channel
				Dam Construction		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Water Diversions		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Channel Erosion		

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				
				Nutrients		548 Miles	2006
							' '
					Out-of-state source		
					Nonpoint/Point Source		
				Organic Enrichment/Low Diss	solved Oxygen	548 Miles	2006
				Beaver Creek HSA 105.35 and	le HA, Iron Gate Dam to Scott River inclu d Hornbrook HSA 105.36. The impairmen tates Fish and Wildlife Service Report.		
					Out-of-state source		
					Nonpoint/Point Source		
				Temperature, water		548 Miles	2006
				The Klamath River HU, Midd Beaver Creek HSA 105.35 an	le HA, Iron Gate Dam to Scott River includ I Hornbrook HSA 105.36.	des the following Hydrologic	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, Midd Iron Gate HSA 115.37 and Co	le HA, Oregon to Iron Gate Dam includes opco HSA 105.38.	the following Hydrologic Sub	Areas (HSAs):
					Industrial Point Sources		
					Municipal Point Sources		
					Agriculture		
					Specialty Crop Production		
					Agricultural Return Flows		
					Internal Nutrient Cycling (primarily	lakes)	
					Natural Sources		
					Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TM COMPLETION
			Organic Enrichment/Low Dis	solved Oxygen	129 Miles	2006
			The Klamath River HU, Mida Iron Gate HSA 115.37 and C	•	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, Mida Iron Gate HSA 115.37 and C	lle HA, Oregon to Iron Gate Dam includes the foopco HSA 105.38.	ollowing 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 TMDI COMPLETION
1	R	Klamath River HU, Middle HA, Scott River to Trinity River	10500000				
				Nutrients		1389 Miles	2006
					lle HA, Scott River to Trinity River includes t om HSA 105.31, Happy Camp HSA 105.32, an	0 0	b Areas (HSAs) :
					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	ssolved Oxygen	1389 Miles	2006
					lle HA, Scott River to Trinity River includes t om HSA 105.31, Happy Camp HSA 105.32, an		
					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		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Temperature, water		1389 Miles	2006
				tle HA, Scott River to Trinity River includes the m HSA 105.31, Happy Camp HSA 105.32, and S		o Areas (HSAs) :
				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 R	Klamath River HU, Shasta River HA	10550000				
			Organic Enrichment/Low Dis	solved Oxygen	630 Miles	2007
				Minor Municipal Point Source-dry and/or weather discharge	wet	
				Agriculture-storm runoff		
				Agriculture-irrigation tailwater		
				Dairies		
				Hydromodification		
				Dam Construction		
				Flow Regulation/Modification		
				Habitat Modification		
			Temperature, water		630 Miles	2007
				Agriculture-irrigation tailwater		
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Drainage/Filling Of Wetlands		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Klamath River HU, Tule Lake and Lower	10590000				
		Klamath Lake National Wildlife Refuge		pH (high)		26998 Acres	2006
				•	Lake and Lower Klamath Lake Natio	onal Wildlife Refuge includes the foll	
						dlife Refuge PWS 105.91020 and Tul	_
						dissolved materials resulting in syner concentrations which can be toxic to	0
				00	0 1	which can effect fish and other aqua	•
						influences pH. Elevated pH levels in	Tule Lake and
				Lower Klamain Lake Natione	al Wildlife Refuge are likely due to pl Internal Nutrient Cycling (prim		
					Nonpoint Source	•	
1	R	Mad River HU, Mad River	10900000				
				Sedimentation/Siltation		654 Miles	2019
						will be developed for the area tribute oper), and (3) the Mad River (Middle)	•
					Silviculture		
					Resource Extraction		
					Nonpoint Source		
				Temperature, water		654 Miles	2019
				may be a source of impairment two years of record at most le available temperature criteria	nt of cold water fisheries in the river ocations. MWAT values at all of the	of the Mad River indicate that high te . Data were available from 11 locati 11 locations exceeded 20°C, and are wth) on juvenile salmonids. Records are higher than 24°C.	ons, with at least higher than any
				1	Upstream Impoundment	O	
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation	1	
					Nonpoint Source		
					Unknown Nonpoint Source		
				Turbidity		654 Miles	2019
				Turbidity TMDLs will be deve River (Upper), and (3) the Mo		including: (1) the Mad River (North I	ork), (2) the Mad
				(~FF >-), what (>) the life	Silviculture		
					Resource Extraction		
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Mendocino Coast HU, Albion River HA, Albion River	11340000	Temperature, water		91 Miles	2019
					Source Unknown		
1	R	Mendocino Coast HU, Big River HA, Big River	11330000				
				municipal and domestic supp a threatened species under th Big River are extremely low o River watershed indicate that	uses supported by the Big River include uses ass by. The Big River provides habitat for coho salm e federal Endangered Species Act. Populations compared to historical levels.Recent (1996-2000) high temperature levels may be a source of imported of the watershed from the confluence with this ig and the North Fork Big. Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Erosion/Siltation Nonpoint Source	on and steelhead trout, of coho salmon and stee temperature data gath airment of cold water fis	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	_			
				(Pardaloe Creek), 113.70011 estuary, which includes that p sediment has been adopted by	ring coldwater fisheries in these reaches and sub 12, 13, 14, 20, 21 and the entire mainstem Gara cortion of 113.70022, 23, 24, 25, and 26. Februa NCRWQCB and approved by SWRCB and Office casures in this TMDL will improve conditions reached Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	cia River from Pardaloe ary 2002- The Garcia Ri ce of Administrative Lav	Creek to the iver TMDL for v. It is possible that

DE			CALWATER	DOLLAR DE CONTROL DE C	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION			WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
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	ture data collected in the Gualala River water cold water fisheries in the watershed. Tempe opear to exhibit properly functioning condition in the Little Nor	ratures in the Little North F ns with respect to stream te	Fork are generally
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	n	
					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 an and including the Navarro River below Philo.	nd including the Navarro Ri	ver above Philo
					Agriculture		
					Agricultural Return Flows		
					Resource Extraction		
					Flow Regulation/Modification		
					Water Diversions		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	n	
					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 wintstream to the confluence with Hayshed Gi Creek downstream to the confluence with Noyo h, and Kass Creek tributaries.	ılch;The South Fork No	yo River mainstem
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Mendocino Coast HU, Noyo River HA, Pudding Creek	11320050	Temperature, water	Source Unknown	24 Miles	2019
1	R	Mendocino Coast HU, Rockport HA, Ten Mile River HSA	11310000	Temperature, water	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	162 Miles	2019
1	R	Redwood Creek HU, Redwood Creek	10700000		are data collected in the Redwood Creek watersh t of cold water fisheries in the river. Logging Road Construction/Maintenance Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Natural Sources	332 Miles ned indicate that high te	2019 mperature levels
1	R	Russian River HU, Lower Russian River HA, Austin Creek HSA	11412000	Sedimentation/Siltation Sediment impacts in Russian R	River tributaries prompted listing entire Russian Silviculture Construction/Land Development Disturbed Sites (Land Develop.) Dam Construction Flow Regulation/Modification Erosion/Siltation	81 Miles River watershed for sec	2019 liment.

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Temperature, water		81 Miles	2019
			municipal and domestic supp listed as a threatened species	uses supported by the Russian River include us ly. The Russian River provides habitat for coh- under the federal Endangered Species Act.Rec ed indicate that high temperature levels may be Hydromodification Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source	o salmon and steelhead tr ent (1997-2000) tempera	out, which are ture data collected
1 R	Russian River HU, Lower Russian River HA, Guerneville HSA	11411000				
			Pathogens		195 Miles	2008
			0 2	e Rio area of this watershed from the confluence Memorial Beach from the Hwy 101 crossing to t Nonpoint/Point Source		
			pН		195 Miles	2019
			Listing only applies to Pocke	t Canyon Creek , a tributary to the lower Russia	an River within the greate	er Guerneville HSA.

ly applies to Pocket Canyon Creek, a tributary to the lower Russian River within the greater Guerneville HSA.

Source Unknown

				SV	RCB APPROVAL DAT	E: OCTOBER 25, 2006
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	an River watershed for sec	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 ly. The Russian River provides habitat for coh under the federal Endangered Species Act.Rec ed indicate that high temperature levels may be	o salmon and steelhead tr cent (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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	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 Geothermal Development	River watershed for sea	liment .
					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	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 a	salmon and steelhead tr nt (1997-2000) temperat	out, which are ture data collected
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Nonpoint Source		

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						SWRCD ATTROVAL DAT	E. OCTOBER 23, 200
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 R Agriculture	ussian River watershed for sec	liment TMDL.
					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/Destabiliza	tion	
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Natural Sources		

Nonpoint Source

SWRCB APPROVAL DATE: OCTOBER 25, 2006

						SWRCB APPROVAL DATI	2: OCTOBER 25, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature, water		242 Miles	2019
				municipal and domestic supp listed as a threatened species	uses supported by the Russian River inclua ly. The Russian River provides habitat for under the federal Endangered Species Act ed indicate that high temperature levels ma	coho salmon and steelhead tro t.Recent (1997-2000) temperati	out, which are ure data collected
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Nonpoint Source		
1	R	Russian River HU, Middle Russian River HA, Laguna de Santa Rosa	11421000				
				Low Dissolved Oxygen		96 Miles	2008
				(DO) concentrations. A TMI concluded that high ammonic various forms. Low dissolved stimulate algal growth and stand non-point sources. With Waste Water Treatment Plan inputs to the Laguna were signitrogen-ammonia interim cammonia and dissolved oxyg the Laguna continue to fall becases fluctuate significantly amay contribute to the dissolved certain. While elevated phos Laguna measurements, indica	as added to the 303(d) List in 1990 for high DL was completed for the Laguna for ammon a levels in the Laguna were the result of pool oxygen concentrations were a result of in absequently cause depressed dissolved oxygeste Reduction Strategy (WRS) which address the implementation of the WRS and operated the implementation of the WRS and operated as well as improvements in waste storage enficiantly reduced. Following implementation in 1998, pursuant to a recommendation and adaily and seasonal basis. Based on avoid oxygen fluctuations. However, the cause phorus levels may contribute to low DO, night that nitrogen may be the macronutrient both nitrogen and phosphorus) and dissolv Internal Nutrient Cycling (primarily I Nonpoint Source	onia and dissolved oxygen in 19 int and non-point source nitrogulates of organic matter and nutigen levels when the algae dieses seed the reduction of nitrogen litional improvements at the City and disposal activities at local attion of the WRS and the subsect the Laguna was removed from the by US EPA. However, dissolven minimum DO objective of 7.0 is allable information, it appears to of the low dissolved oxygen litrogen to phosphorus ratios, but controlling plant growth in the ved oxygen is necessary for wat	gen inputs of rients which and decays. The loading from point of Santa Rosa I dairies, nitrogen quent attainment of the 303(d) List for eed oxygen levels in mg/L and in many is that phosphorus evels is not ased on recent e Laguna. A
				Maria	Point Source	06.350	2010
				Mercury		96 Miles	2019

Source Unknown

PECION TWPE	NANE	CALWATER	DOLL I'M A NEW CERT COOR	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
			Nitrogen		96 Miles	2019
			This listing was made by US			
				Internal Nutrient Cycling (primarily lakes)		
				Nonpoint Source		
				Point Source		
			Phosphorus		96 Miles	2019
			This listing was made by US			
				Internal Nutrient Cycling (primarily lakes)		
				Nonpoint Source		
				Point Source		
			Sedimentation/Siltation		96 Miles	2019
			Entire Russian River waters	hed (including Laguna de Santa Rosa) is listed for Road Construction	sedimentation.	
				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		
				Drainage/Filling Of Wetlands		
				Channel Erosion		
				Erosion/Siltation		
				Erosion From Derelict Land		
				Highway Maintenance and Runoff		
				Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Temperature, water		96 Miles	2008
			beneficial uses supported by to domestic supply. The Russian threatened species under the f	d (including Laguna de Santa Rosa), ne Russian River include uses associ River provides habitat for coho salv ederal Endangered Species Act.Rece ate that high temperature levels may	ated with the cold water fishery and non and steelhead trout, which are ent (1997-2000) temperature data c	d municipal and listed as a ollected in the
				Hydromodification		
				Upstream Impoundment		
				Removal of Riparian Vegetation		
				Streambank Modification/Destal	bilization	
				Nonpoint Source		

					5112	es in the time sin	E. 0010EE1120,200
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	outary sediment impairments led to listing of entir	e watershed for sedimen	nt.
					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 Managem	ent	
					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		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
-			Temperature, water		99 Miles	2019
			municipal and domestic supply listed as a threatened species t	uses supported by the Russian River include uses y. The Russian River provides habitat for coho s under the federal Endangered Species Act.Recen I indicate that high temperature levels may be a	salmon and steelhead tr at (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 R	Russian River HU, Middle Russian River HA, Santa Rosa Creek	11422000				
			Pathogens		87 Miles	2008
				Nonpoint Source		
				Point Source		

Point Source

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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 liste	ed for sedimentation.	
				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	on	
				Land Development		
				Urban Runoff/Storm Sewers		
				Urban RunoffNon-industrial Per	mitted	
				Other Urban Runoff		
				Surface Runoff		
				Hydromodification		
				Channelization		
				Bridge Construction		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabil	lization	

Drainage/Filling Of Wetlands

Channel Erosion Erosion/Siltation Natural Sources Nonpoint Source

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
				Temperature, water		87 Miles	2019
				Entire Russian River watersh	ed (including Santa Rosa Creek) is listed for tem, Hydromodification	perature.	
					Upstream Impoundment		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		
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 Russian	River watershed for sed	iment .
					Agriculture		
					Agriculture-storm runoff		
					Silviculture		
					Logging Road Construction/Maintenance		
					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		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Temperature, water		255 Miles	2019
			municipal and domestic suppl listed as a threatened species	uses supported by the Russian River include uses y. The Russian River provides habitat for coho under the federal Endangered Species Act.Recer d indicate that high temperature levels may be a	salmon and steelhead tr at (1997-2000) temperat	out, which are ure data collected
				Hydromodification		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
				Nonpoint Source		
1 L	Russian River HU, Middle Russian River HA, Warm Springs HSA, Lake Sonoma [Reservoir]	11424000				
			Mercury		2377 Acres	2019
				e Russian River HA, Warm Springs HSA, Lake So ls (PWS): 114.24022, 114.24030 and 114.24032		ides the following
				Resource Extraction		
				Nonpoint Source		

DECION	TVDE	NAME	CALWATER	POLLUTANT/STRESSOR	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION 1	R	Russian River HU, Upper Russian River	WATERSHED 11432000	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
		HA, Coyote Valley HSA					
				Sedimentation/Siltation		171 Miles	2019
				Russian River Watershed trib	utary sediment impairments led to listing of ent	ire watershed for sedimer	ıt.
					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		
				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.Record indicate that high temperature levels may be	salmon and steelhead tr ent (1997-2000) temperat	out, which are ure data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	utary 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 d	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		

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 trib	utary sediment impairments led to listing of enti Agriculture	re 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 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 d	salmon and steelhead tr nt (1997-2000) temperat	out, which are ure data collected
				<i>J.</i>	Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		
1	L	Trinity Lake (was Claire Engle Lake)	10640000	Mercury		15985 Acres	2019
					Source Unknown		

REGION	TVDE	NAME	CALWATER	POLLUTANT/STRESSOR	POTENTIAL	ESTIMATED SIZE AFFECTED	PROPOSED TMDL
			WATERSHED	PULLUTANI/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
1	R	Trinity River HU, South Fork HA	10620000		t coldwater fisheries. USEPA will be developing	1161 Miles temperature TMDL for	2019 South Fork Trinity
				River.	Range Grazing-Riparian		
					Water Diversions		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
1	R	Trinity River HU, Upper HA, Trinity River, East Fork	10640000				
				Mercury		92 Miles	2019
					HA, Trinity River, East Fork includes the follows 106.40030 and Blue Ridge SPW 106.40040. Source Unknown	ng Calwater Super Plar	nning Watersheds
2	R	Alameda Creek	20430051				
-		manicua Creek	20430031	Diazinon		51 Miles	2005
				This listing was made by USE	EPA.		
					Urban Runoff/Storm Sewers		
2	R	Alamitos Creek	20540041				
				Mercury		7.1 Miles	2006
				assessment is needed.	art of the Santa Clara Basin Watershed Manage	ment Initiative. Additioi	nal monitoring and
					Mine Tailings		
2	L	Anderson Reservoir	20530050				
				Mercury		1013 Acres	2019
					G		
				PCBs (Polychlorinated bipher	Source Unknown	1013 Acres	2019
				r Cbs (r orycmormated bipner	iyis)	1015 Acres	2019
					Source Unknown		
2	R	Arroyo Corte Madera Del Presidio	20320020	D			200=
				Diazinon This listing was made by USE	TDA	4 Miles	2005
				This using was made by USE	Urban Runoff/Storm Sewers		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
2	R	Arroyo De La Laguna	20430084	Diazinon This listing was made by USE.	PA. Urban Runoff/Storm Sewers	7.4 Miles	2005
2	R	Arroyo Del Valle	20430023	Diazinon This listing was made by USE.	PA. Urban Runoff/Storm Sewers	31 Miles	2005
2	R	Arroyo Las Positas	20430080	Diazinon		14 Miles	2005
					Urban Runoff/Storm Sewers		
2	R	Arroyo Mocho	20430080	Diazinon		34 Miles	2005
					Urban Runoff/Storm Sewers		
2	L	Bon Tempe Reservoir	20113020	Mercury	Source Unknown	120 Acres	2019
2	R	Butano Creek	20240031	Sedimentation/Siltation Impairment to steelhead habit		3.6 Miles	2019
2	R	Calabazas Creek	20640012	Diazinon This listing was made by USE.	PA. Urban Runoff/Storm Sewers	4.7 Miles	2005
2	L	Calero Reservoir	20540031	Mercury TMDL will be developed as po assessment is needed.	urt of the Santa Clara Basin Watershed Surface Mining Mine Tailings	334 Acres Management Initiative. Addition	2006 nal monitoring and

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
2	E	Carquinez Strait	20710020					
				Chlordane		5657	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				DDT		5657	Acres	2008
					Nonpoint Source			
				Dieldrin		5657	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				Dioxin Compounds (including	2,3,7,8-TCDD)	5657	Acres	2019
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,. D, and OCDD. This listing was ma		8-HxCDI	0, 1,2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		5657	Acres	2019
				Disrupt natural benthos; char	nge pollutant availability in food ch Ballast Water	nain; disrupt food availabilit	y to nativ	e species.
				Furan Compounds		5657	Acres	2019
				The specific compounds are 2	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-H			
				·	Atmospheric Deposition			
				Mercury		5657	Acres	2006
					nsumption and wildlife consumption mining; most significant ongoing so from point sources.			0
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs (Polychlorinated biphen	_	5657	Acres	2006
				` •	e-like PCBs.Interim health advisory	for fish; uncertainty regards	ng water	column

This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.

Unknown Nonpoint Source

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated biphen	nyls) (dioxin-like)	5657 Acres	2019
				(169), 2,3,3,4,4-PeCB (105), 1	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (11 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (8), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
					Unknown Nonpoint Source		
				Selenium		5657 Acres	2019
				contributions from oil refiner species may have made food o	the food chain; most sensitive indicator is ies (control program in place) and agricu chain more susceptible to accumulation o lucks); low TMDL priority because Indivi	lture (carried downstream by r f selenium; health consumption	ivers); exotic advisory in effect
					Industrial Point Sources		
					Agriculture		
2	E	Castro Cove, Richmond (San Pablo Basin)	20660014				
				Dieldrin (sediment)		71 Acres	2008
					Urban Runoff/Storm Sewers		
					Point Source		
				Mercury (sediment)		71 Acres	2006
					Urban Runoff/Storm Sewers		
					Point Source		
				PAHs (Polycyclic Aromatic Hy	ydrocarbons) (sediment)	71 Acres	2019
					Urban Runoff/Storm Sewers		
					Point Source		
				Selenium (sediment)		71 Acres	2019
					Urban Runoff/Storm Sewers		
					Point Source		
2	В	Central Basin, San Francisco (part of SF Bay, Central)	20440010				
		•		Chlordane		40 Acres	2008
				This listing was made by USE	EPA.		
					Nonpoint Source		
				DDT		40 Acres	2008
				This listing was made by USE			
				5.11.	Nonpoint Source	40 .	****
				Dieldrin This listing was made by USE	ΣDΛ	40 Acres	2019
				this usung was made by USE	Nonpoint Source		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Dioxin Compounds (includin	g 2,3,7,8-TCDD)	40 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2, DD, and OCDD. This listing was made		D, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		40 Acres	2019
			Disrupt natural benthos; che	ange pollutant availability in food cha	in; disrupt food availability to nativ	ve species.
				Ballast Water		
			Furan Compounds		40 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2		
				Atmospheric Deposition		
			Mercury		40 Acres	2006
			for multiple fish species incl	onsumption and wildlife consumption i uding striped bass and shark. Major s icant ongoing source is erosion and dr	ource is historic: gold mining sedi	ments and local
				Industrial Point Sources		
				Minor Industrial Point Source		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Mercury (sediment)		40 Acres	2006
				Urban Runoff/Storm Sewers		
				Point Source		
			PAHs (Polycyclic Aromatic I	Hydrocarbons) (sediment)	40 Acres	2019
				Urban Runoff/Storm Sewers		
				Point Source		
			PCBs (Polychlorinated biphe	enyls)	40 Acres	2006
			This listing covers non dioxi concentration data.	in-like PCBs.Interim health advisory fo	r fish; uncertainty regarding water	· column

Unknown Nonpoint Source

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated bipheny		40 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2,	unds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). Unknown Nonpoint Source	3,4,4,5-PeCB (123), 2,3,3,	4,4,5-HxCB (156),
			Selenium		40 Acres	2019
			contributions from oil refinerie species may have made food ch	the food chain; most sensitive indicator is hatces (control program in place) and agriculture thain more susceptible to accumulation of selecticks); low TMDL priority because Individual Industrial Point Sources Agriculture Natural Sources Exotic Species	(carried downstream by ri nium; health consumption	vers); exotic
2 R	Corte Madera Creek	20320011				
			Diazinon This listing was made by USEP		4.1 Miles	2005
				Urban Runoff/Storm Sewers		
2 R	Coyote Creek (Marin County)	20320020	Diazinon This listing was made by USEP	PA. Urban Runoff/Storm Sewers	2.6 Miles	2005
2 R	Coyote Creek (Santa Clara Co.)	20530021	Diazinon This listing was made by USEF	PA. Urban Runoff/Storm Sewers	55 Miles	2005
2 L	Del Valle Reservoir	20420024				
2 L	Det valle Reservoir	20430024	Mercury		1022 Acres	2019
			PCBs (Polychlorinated bipheny	Source Unknown	1022 Acres	2019
				Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Gallinas Creek	20620013	Diazinon This listing was made by USE	PA. Urban Runoff/Storm Sewers	2.1 Miles	2005
2	R	Guadalupe Creek	20540050	Mercury TMDL will be developed as po	art of the Santa Clara Basin Watershed Mana Mine Tailings	8.1 Miles sgement Initiative. Addition	2006 nal monitoring and
2	L	Guadalupe Reservoir	20540040	Mercury TMDL will be developed as po assessment is needed.	art of the Santa Clara Basin Watershed Mana Surface Mining Mine Tailings	63 Acres <i>igement Initiative. Addition</i>	2006 nal monitoring and
2	R	Guadalupe River	20540050	Diazinon This listing was made by USE Mercury TMDL will be developed as pa	PA. Urban Runoff/Storm Sewers art of the Santa Clara Basin Watershed Mana Mine Tailings	18 Miles 18 Miles 18 ement Initiative. Addition	2005 2006 nal monitoring and
2	E	Islais Creek	20440010	Ammonia Chlordane (sediment)	Industrial Point Sources Combined Sewer Overflow	46 Acres	2019
				Dieldrin (sediment)	Industrial Point Sources Combined Sewer Overflow Industrial Point Sources Combined Sewer Overflow	46 Acres	2008

						SWRCD ATTROVAL DAT	E. OCTOBER 23, 200
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Hydrogen Sulfide		46 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		•
				PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	46 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Sediment Toxicity		46 Acres	2019
					Source Unknown		
2	L	Lafayette Reservoir	20732010				
				Mercury		114 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	114 Acres	2019
					Source Unknown		
2	R	Lagunitas Creek	20113020				
2	K	Laguintas Creek	20113020	Nutrients		17 Miles	2019
				Tributary to Tomales Bay. To monitoring and assessment n	MDLs will be developed as part of evolving geded.	watershed management effor	t. Additional
				montoring and assessment in	Agriculture		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		17 Miles	2009
				Tributary to Tomales Bay. To monitoring and assessment n	MDLs will be developed as part of evolving eeded.	watershed management effor	t. Additional
				-	Agriculture		
					Urban Runoff/Storm Sewers		
2	L	Lake Chabot (Alameda Co)	20420030				
				Chlordane		312 Acres	2019
					Source Unknown		
				DDT	22	312 Acres	2019
					Course University		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Dieldrin		312 Acres	2019
				Mercury	Source Unknown	312 Acres	2019
				PCBs (Polychlorinated bipher	Source Unknown yls)	312 Acres	2019
					Source Unknown		
2	L	Lake Herman	20721030	Mercury Additional monitoring and as	sessment needed. Problem due to historical minin Surface Mining	108 Acres 3.	2019
2	L	Lake Merced	20210010	Low Dissolved Oxygen This listing was made by USE		299 Acres	2019
				pH This listing was made by USE	Source Unknown PA. Source Unknown	299 Acres	2019
2	L	Lake Merritt	20420040	Organic Enrichment/Low Dist	PA.	142 Acres	2019
				Trash	Source Unknown Urban Runoff/Storm Sewers	142 Acres	2019
2	R	Laurel Creek (Solano Co)	20440040	Diazinon This listing was made by USE	PA. Urban Runoff/Storm Sewers	3 Miles	2005
2	R	Ledgewood Creek	20723010	Diazinon This listing was made by USE	PA. Urban Runoff/Storm Sewers	12 Miles	2005

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
2	R	Los Gatos Creek (R2)	20540011				
				Diazinon		19 Miles	2005
				This listing was made by US	EPA. Urban Runoff/Storm Sewers		
					Orban Kunon/Storm Sewers		
2	E	Marina Lagoon (San Mateo County)	20440040				
				Coliform Bacteria		169 Acres	2019
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
2	R	Matadero Creek	20550040				
				Diazinon		7.3 Miles	2005
				This listing was made by US	SEPA.		
					Urban Runoff/Storm Sewers		
2	R	Miller Creek	20620012				
				Diazinon		9 Miles	2005
				This listing was made by US			
					Urban Runoff/Storm Sewers		
2	E	Mission Creek	20440010				
				Ammonia		8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Chlordane (sediment)		8.5 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Dieldrin (sediment)		8.5 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Hydrogen Sulfide		8.5 Acres	2019
				V	Industrial Point Sources	120100	
					Combined Sewer Overflow		
				Lead (sediment)	Committee Bewer Overriow	8.5 Acres	2019
				Lead (Scument)	Industrial Daint Courses	o.s Acres	2017
					Industrial Point Sources		
					Combined Sewer Overflow		

REGION TYP	PE NA	AME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Mercury (sediment)		8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				PAHs (Polycyclic Aromatic Hyd	drocarbons)	8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				PCBs (Polychlorinated bipheny	els) (sediment)	8.5 Acres	2006
					Industrial Point Sources		
					Combined Sewer Overflow		
				Silver (sediment)		8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Zinc (sediment)		8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
2 R	Mt. Diablo	Creek	20731040				
				Diazinon		13 Miles	2005
				This listing was made by USEF	PA. Urban Runoff/Storm Sewers		
					Urban RunoII/Storm Sewers		
2 R	Napa River	•	20650010				••••
				Nutrients TMDL will be developed as panaleded.	rt of ongoing watershed management effort. Addi	65 Miles tional monitoring an	2008 ad assessment
					Agriculture		
				Pathogens		65 Miles	2006
				TMDL will be developed as parneeded.	rt of ongoing watershed management effort. Addi	tional monitoring ar	nd assessment
					Agriculture		
					Urban Runoff/Storm Sewers		

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		65	Miles	2006
				TMDL will be developed as par needed.	rt of ongoing watershed management effort.	Additional monito	ring and	l assessment
					Agriculture			
					Construction/Land Development			
					Land Development			
					Urban Runoff/Storm Sewers			
2	L	Nicasio Reservoir	20113012					
				Mercury		829	Acres	2019
					Source Unknown			
2	R	Novato Creek	20620010					
-		2.0.mc	20020010	Diazinon		17]	Miles	2005
				This listing was made by USEP	PA.			
					Urban Runoff/Storm Sewers			
2	В	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	20420040					
				Chlordane		0.93	Acres	2008
				This listing was made by USEP				
					Nonpoint Source			
				Chlordane (sediment)		0.93	Acres	2008
					Source Unknown			
				DDT		0.93	Acres	2008
				This listing was made by USEP				
					Nonpoint Source			
				Dieldrin	24	0.93	Acres	2008
				This listing was made by USEP	A. Nonpoint Source			
				Dioxin Compounds (including 2	•	0.93	Acres	2019
				The specific compounds are 2,3	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-H , and OCDD. This listing was made by USE.	<i>IxCDD</i> , 1,2,3,6,7,8		
					Atmospheric Deposition			
				Exotic Species		0.93		2019
				Disrupt natural benthos; chang	ge pollutant availability in food chain; disrup Ballast Water	ot food availability	to native	e species.

					SWRCB APPROVAL DAT	TE: OCTOBER 25, 20
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Furan Compounds		0.93 Acres	2019
			1 0 1	,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
				Atmospheric Deposition		
			Mercury		0.93 Acres	2006
			for multiple fish species includ	sumption and wildlife consumption in ding striped bass and shark. Major so ant ongoing source is erosion and dro	ource is historic: gold mining sedin	ments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphen	yls)	0.93 Acres	2006
			This listing covers non dioxin- concentration data.	-like PCBs.Interim health advisory for	fish; uncertainty regarding water	· column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	, , ,	0.93 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	ounds are 3,4,4,5-TCB (81), 3,3,3,3-T0 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB ,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpC	(118), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (sediment)	0.93 Acres	2006
			This listing covers non dioxin- columnconcentration data.	-like PCBs. Interim health advisory fo	or fish; uncertainty regarding wate	er
				Source Unknown		
			Sediment Toxicity		0.93 Acres	2019

Source Unknown

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION T	YPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		0.93 Acres	2019
				significantcontributions from exotic speciesmay have made	the food chain; most sensitive indicato oil refineries (control program in plac food chain more susceptible to accumiving ducks); low TMDL priority because Industrial Point Sources Agriculture	e) and agriculture (carried down. ulation of selenium; health consu	stream by rivers); nption advisory in
					Natural Sources		
					Exotic Species		
2		and Inner Harbor (Pacific Dry-dock I 1 Site, part of SF Bay, Central)	20420040				
		• • • • • • • • • • • • • • • • • • • •		Chlordane		1.8 Acres	2008
				This listing was made by USE	EPA.		
					Nonpoint Source		
				Chlordane (sediment)		1.8 Acres	2008
					Source Unknown		
				Copper (sediment)		1.8 Acres	2019
					Source Unknown		
				DDT		1.8 Acres	2008
				This listing was made by USE	CPA. Nonpoint Source		
				Dieldrin	Nonpoint Source	1.8 Acres	2008
				This listing was made by USE	EPA.	1.0 Acres	2000
				, , , , , , , , , , , , , , , , , , ,	Nonpoint Source		
				Dieldrin (sediment)		1.8 Acres	2008
					Source Unknown		
				Dioxin Compounds (including	2,3,7,8-TCDD)	1.8 Acres	2019
					2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3, D, and OCDD. This listing was made l		D, 1,2,3,7,8,9-
					Atmospheric Deposition		
				Exotic Species		1.8 Acres	2019
				Disrupt natural benthos; char	nge pollutant availability in food chain	; disrupt food availability to nativ	ve species.

Ballast Water

SWRCB APPROVAL DATE: OCTOBER 25, 2006

					SWRCB APPROVAL DAT	E: OCTOBER 25, 200
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Furan Compounds		1.8 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3, ,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2		
				Atmospheric Deposition		
			Lead (sediment)		1.8 Acres	2019
				Source Unknown		
			Mercury		1.8 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption adding striped bass and shark. Major scant ongoing source is erosion and d	source is historic: gold mining sedi	ments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Mercury (sediment)		1.8 Acres	2006
				Source Unknown		
			PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	1.8 Acres	2019
				Source Unknown		
			PCBs (Polychlorinated bipher	nyls)	1.8 Acres	2006
			This listing covers non dioxing concentration data.	a-like PCBs.Interim health advisory fo	or fish; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	1.8 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-2 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	B (118), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (sediment)	1.8 Acres	2006
				~		

Source Unknown

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		1.8 Acres	2019
				contributions from oil refiner species may have made food	the food chain; most sensitive indicator is hatcies (control program in place) and agriculture chain more susceptible to accumulation of seleducks); low TMDL priority because Individual (Industrial Point Sources	(carried downstream by nation; health consumption	rivers); exotic advisory in effect
					Agriculture		
					Natural Sources		
					Exotic Species		
				Zinc (sediment)		1.8 Acres	2019
					Source Unknown		
2	С	Pacific Ocean at Fitzgerald Marine Reserve	20221012				
				Coliform Bacteria		0.46 Miles	2019
					Nonpoint Source		
2	С	Pacific Ocean at Pacifica State Beach	20221011		_		
2	C	racine Ocean at racinea State Beach	20221011	Coliform Bacteria		0.87 Miles	2019
				Linda Mar and San Pedro be	aches are the areas affected.	2321 2:2222	
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
2	C	Pacific Ocean at Pillar Point	20221012				
				Mercury		0.62 Miles	2019
					Source Unknown		
2	C	Pacific Ocean at Pillar Point Beach	20221012				
				Coliform Bacteria		1.1 Miles	2019
					N		
					Nonpoint Source		
2	C	Pacific Ocean at Rockaway Beach	20221011				
				Coliform Bacteria		0.29 Miles	2019
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
2	C	Pacific Ocean at Venice Beach	20222011				
				Coliform Bacteria		0.38 Miles	2019
					Nonpoint Source		

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Permanente Creek	20550021				
				Diazinon		13 Miles	2005
				This listing was made by US	EPA. Urban Runoff/Storm Sewers		
					Orban Kunon/Storm Sewers		
2	R	Pescadero Creek	20240013				
				Sedimentation/Siltation		26 Miles	2019
				If California Department of	Fish and Game and the National Marine . d, the State Water Board supports removin	Fisheries Service find that for th	is water body fish
				populations are not impacted	Nonpoint Source	ng inis water body and politican	i from the tist.
2	R	Petaluma River	20630020	Dia-i		22 Mil	2005
				Diazinon Data source: Abelli-Amen, F	Potaluma Trac Plantons 1000	22 Miles	2005
				Data source. Abetti-Amen, 1	Urban Runoff/Storm Sewers		
				Nutrients	CI Sun Runon/Storm Sewers	22 Miles	2019
					part of ongoing watershed management e		
				necucu.	Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		22 Miles	2019
				G	part of ongoing watershed management e		
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		22 Miles	2019
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
2	R	Petaluma River (tidal portion)	20630040				
		· •		Diazinon		1.1 Miles	2005
				Data source: Abelli-Amen, F	Petaluma Tree Planters, 1999.		

Urban Runoff/Storm Sewers

REGION TY	PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nickel		1.1 Miles	2019
				Exceedance of California Toxio sediment tissue levels.	c Rule dissolved criteria and National Toxic	Rule total criteria; elevate	ed water and
					Municipal Point Sources		
					Urban Runoff/Storm Sewers		
					Atmospheric Deposition		
				Nutrients		1.1 Miles	2019
				TMDL will be developed as par needed.	rt of ongoing watershed management effort.	Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		1.1 Miles	2019
				TMDL will be developed as par needed.	rt of ongoing watershed management effort.	Additional monitoring and	d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
2 R	Pine	Creek (Contra Costa Co)	20731011				
				Diazinon		13 Miles	2005
				This listing was made by USEP			
					Urban Runoff/Storm Sewers		
2 R	Pinol	e Creek	20660020				
				Diazinon		9.2 Miles	2005
				This listing was made by USEP	^P A. Urban Runoff/Storm Sewers		
					Orban Runon/Storm Sewers		
2 R	Pomp	oonio Creek	20240020				
				Coliform Bacteria		7.1 Miles	2019
					Nonpoint Source		
2 B	Richa	ardson Bay	20312010				
				Chlordane		2439 Acres	2008
				This listing was made by USEP			
					Nonpoint Source		

					SWRCB APPROVAL DAT	TE: OCTOBER 25, 20
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Coliform Bacteria		2439 Acres	2019
			-	arbor, is less than 10% of embaymen boat areas; extensive local control p		
				Urban Runoff/Storm Sewers		
				Septage Disposal		
				Boat Discharges/Vessel Wastes		
			DDT		2439 Acres	2008
			This listing was made by USE.	PA.		
				Nonpoint Source		
			Dieldrin		2439 Acres	2008
			This listing was made by USE.	PA.		
				Unknown Nonpoint Source		
			Dioxin Compounds (including	2,3,7,8-TCDD)	2439 Acres	2019
			1 0 1	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2, D, and OCDD. This listing was made Atmospheric Deposition		D, 1,2,3,7,8,9-
			Exotic Species		2439 Acres	2019
			•	ge pollutant availability in food cha Ballast Water	in; disrupt food availability to nativ	ve species.
			Furan Compounds		2439 Acres	2019
			The specific compounds are 2,	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-Hp	4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF,	
				Atmospheric Deposition		
			Mercury		2439 Acres	2006
			for multiple fish species includ	sumption and wildlife consumption i ling striped bass and shark. Major s ant ongoing source is erosion and di	source is historic: gold mining sedi	iments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated bipher	nyls)	2439 Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs. Interim health advisory for fish; u	ncertainty regarding wate	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	2439 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,4,4,5,5,-HxCB (167), 2,3,3,4,5,5-HpCB (189).	,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
2 R	Rodeo Creek	20660022				
			Diazinon		8 Miles	2005
			This listing was made by USE			
				Urban Runoff/Storm Sewers		
2 E	Sacramento San Joaquin Delta	20710010				
			Chlordane		41736 Acres	2008
			This listing was made by USE	EPA.		
				Nonpoint Source		
			DDT		41736 Acres	2008
			This listing was made by USE			
				Nonpoint Source		
			Dieldrin		41736 Acres	2008
			This listing was made by USE			
				Nonpoint Source		
			Dioxin Compounds (including	, , , , , ,	41736 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-H. DD, and OCDD. This listing was made by USEF		D, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		41736 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; disrup Ballast Water	t food availability to nativ	e species.
			Furan Compounds		41736 Acres	2019
			1 3 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeC 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
			•	Atmospheric Deposition		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		41736 Acres	2006
				•	· ·	0
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Nonpoint Source		
			Nickel		41736 Acres	2019
			This listing was made by USE			
				Source Unknown		
			PCBs (Polychlorinated biphen	• /	41736 Acres	2006
			This listing covers non dioxin concentration data.	-like PCBs.Interim health advisory for fis.	h; uncertainty regarding wate	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	nyls) (dioxin-like)	41736 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (11 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (8), 2,3,4,4,5-PeCB (123), 2,3,	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		41736 Acres	2019
			contributions from oil refiner species may have made food o	the food chain; most sensitive indicator is ies (control program in place) and agricu chain more susceptible to accumulation oj ducks); low TMDL priority because Indivi	lture (carried downstream by f selenium; health consumptio	rivers); exotic n advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
2 R San	Antonio Creek (Marin/Sonoma Co)	20630031	Diazinon		18 Miles	2005
			This listing was made by USE	CPA.		

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						SWRCB APPROVAL DA	TE: OCTOBER 25, 2006
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	San Felipe Creek	20530041				
				Diazinon		15 Miles	2005
				This listing was made by USE			
					Urban Runoff/Storm Sewers		
2	В	San Francisco Bay, Central	20312010				
				Chlordane		70992 Acres	2008
				This listing was made by USE	EPA.		
					Nonpoint Source		
				DDT		70992 Acres	2008
				This listing was made by USE	EPA.		
					Nonpoint Source		
				Dieldrin		70992 Acres	2008
				This listing was made by USE	EPA.		
					Nonpoint Source		
				Dioxin Compounds (including	(2,3,7,8-TCDD)	70992 Acres	2019
					2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 D, and OCDD. This listing was mad		DD, 1,2,3,7,8,9-
					Atmospheric Deposition		
				Exotic Species		70992 Acres	2019
				Disrupt natural benthos; cha	nge pollutant availability in food ch	hain; disrupt food availability to nat	tive species.
					Ballast Water		
				Furan Compounds		70992 Acres	2019
					2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3 4,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1		
					Atmospheric Deposition		
				Mercury		70992 Acres	2006
				for multiple fish species inclu	nsumption and wildlife consumption ding striped bass and shark. Major cant ongoing source is erosion and d	r source is historic: gold mining see	diments and local
					Industrial Point Sources		
					Municipal Point Sources		
					Resource Extraction		
					Atmospheric Deposition		
					Natural Sources		
					i wear ar bour cas		

Nonpoint Source

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			PCBs (Polychlorinated bipher	nyls)	70992 Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory for fi	sh; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	70992 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (1 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB	18), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		70992 Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicator tries (control program in place) and agriculation of the more susceptible to accumulation of ducks); low TMDL priority because Indivindustrial Point Sources	ulture (carried downstream by r. of selenium; health consumption	ivers); exotic
				Agriculture		
				Natural Sources		
				Exotic Species		
				Exour Species		
2 B San	Francisco Bay, Lower	20410010				
			Chlordane	ED.4	92274 Acres	2008
			This listing was made by USI	EPA. Nonpoint Source		
			DDT	Nonpoint Source	92274 Acres	2008
			This listing was made by USI	FDA	922/4 Acres	2008
			This tisting was made by OSI	Nonpoint Source		
			Dieldrin	romponic source	92274 Acres	2008
			This listing was made by USI	EPA	Jan Heres	2000
			This tisking was made by est	Nonpoint Source		
			Dioxin Compounds (including	2 2.3.7.8-TCDD)	92274 Acres	2019
			The specific compounds are	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4, DD, and OCDD. This listing was made by		0, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		92274 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; a	disrupt food availability to nativ	e species.
				Ballast Water		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Furan Compounds		92274 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpC		
				Atmospheric Deposition		
			Mercury		92274 Acres	2006
			for multiple fish species inclumercury mining; most signific	nsumption and wildlife consumption in ding striped bass and shark. Major so cant ongoing source is erosion and dra ater quality objective exceedances. El Industrial Point Sources Municipal Point Sources Resource Extraction	ource is historic: gold mining sed uinage from abandoned mines; mo	iments and local oderate to low level
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphen	•	92274 Acres	2006
			•	-like PCBs.Interim health advisory for		
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	nyls) (dioxin-like)	92274 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TC 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpC Unknown Nonpoint Source	(118), 2,3,4,4,5-PeCB (123), 2,3,	3,4,4,5-HxCB (156),
2 B San	Francisco Bay, South	20510000				
			Chlordane		9204 Acres	2008
			This listing was made by USE			
				Nonpoint Source		
			DDT		9204 Acres	2008
			This listing was made by USE			
			Di-Id-i-	Nonpoint Source	0204	2000
			Dieldrin This listing was made by USE	TDA	9204 Acres	2008

					SWRCB APPROVAL DAT	<u> </u>
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Dioxin Compounds (including	2,3,7,8-TCDD)	9204 Acres	2019
			1 0 1	,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 D, and OCDD. This listing was mad		D, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		9204 Acres	2019
			Disrupt natural benthos; chan	ige pollutant availability in food cha	in; disrupt food availability to nativ	ve species.
				Ballast Water		
			Furan Compounds		9204 Acres	2019
			1 0 1	,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3, 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,		
				Atmospheric Deposition		
			Mercury		9204 Acres	2006
			mercury mining; most signific	ding striped bass and shark. Major cant ongoing source is erosion and a cer quality objective exceedances. E Industrial Point Sources	rainage from abandoned mines; mo	derate to low level
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphen	yls)	9204 Acres	2006
			This listing covers non dioxin- concentration data.	-like PCBs.Interim health advisory f	or fish; uncertainty regarding water	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (dioxin-like)	9204 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	ounds are 3,4,4,5-TCB (81), 3,3,3,3- 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeC ,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-H _l	B (118), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		9204 Acres	2019
				been issued by OEHHA for benthic-; nat water contact recreation benefic		

Domestic Use of Ground Water

Agriculture

not fully met.

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	San Francisquito Creek	20550040				
				Diazinon		12 Miles	2005
				This listing was made by USEP			
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		12 Miles	2008
				Impairment to steelhead habita			
					Nonpoint Source		
2	R	San Gregorio Creek	20230014				
				Coliform Bacteria		11 Miles	2019
					Nonpoint Source		
				Sedimentation/Siltation		11 Miles	2019
				Impairment to steelhead habita	t.		
					Nonpoint Source		
2	В	San Leandro Bay (part of SF Bay, Central)	20420040				
				Chlordane		588 Acres	2008
				This listing was made by USEP	A.		
					Nonpoint Source		
				Dieldrin		588 Acres	2008
				This listing was made by USEP	A.		
					Nonpoint Source		
				Dioxin Compounds (including 2	3,3,7,8-TCDD)	588 Acres	2019
					Atmospheric Deposition		
				Exotic Species		588 Acres	2019
				Disrupt natural benthos; chang	ge pollutant availability in food chain; disrupt f	food availability to nati	ve species.
					Ballast Water		
				Furan Compounds		588 Acres	2019
					3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCD -HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-F		
					Atmospheric Deposition		
				Lead (sediment)		588 Acres	2019
					Source Unknown		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
		_	Mercury		588 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption impading striped bass and shark. Major source ant ongoing source is erosion and draina	e is historic: gold mining sedin	nents and local
			<i>T J T</i>	Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Mercury (sediment)		588 Acres	2006
				Source Unknown		
			PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	588 Acres	2019
				Source Unknown		
			Pesticides (sediment)		588 Acres	2019
				Source Unknown		
			Zinc (sediment)		588 Acres	2019
				Source Unknown		
2 R	San Leandro Creek, Lower	20420012				
			Diazinon This discuss was a large MCI	SD A	9.3 Miles	2005
			This listing was made by USE	Urban Runoff/Storm Sewers		
2 R	San Lorenzo Creek	20420022				
2 R	San Lorenzo Creek	20420023	Diazinon		11 Miles	2005
			This listing was made by USE	EPA.		
				Urban Runoff/Storm Sewers		
2 R	San Mateo Creek	20440032				
			Diazinon		11 Miles	2005
			This listing was made by USE			
				Urban Runoff/Storm Sewers		

					511	KCD AFFKUVAL DATI	E. OCTOBER 23, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	В	San Pablo Bay	20610010				
				Chlordane		68349 Acres	2008
				This listing was made by USI	EPA.		
					Nonpoint Source		
				DDT		68349 Acres	2008
				This listing was made by USI	EPA.		
					Nonpoint Source		
				Dieldrin		68349 Acres	2008
				This listing was made by USI	EPA.		
					Nonpoint Source		
				Dioxin Compounds (including	(2,3,7,8-TCDD)	68349 Acres	2019
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-H D, and OCDD. This listing was made by USEP		0, 1,2,3,7,8,9-
					Atmospheric Deposition		
				Exotic Species		68349 Acres	2019
				Disrupt natural benthos; cha	nge pollutant availability in food chain; disrupi	t food availability to nativ	e species.
					Ballast Water	,	
				Furan Compounds		68349 Acres	2019
					2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCD 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
					Atmospheric Deposition		
				Mercury		68349 Acres	2006
				for multiple fish species inclu	nsumption and wildlife consumption impacted u ding striped bass and shark. Major source is h cant ongoing source is erosion and drainage fro	istoric: gold mining sedir	nents and local
					Municipal Point Sources		
					Resource Extraction		
					Atmospheric Deposition		
					Natural Sources		
					Nonpoint Source		
				Nickel	1. Composite Dout Co	68349 Acres	2019
				This listing was made by USI	EPA	00347 Acres	2017
				2s using was made by OSE	Source Unknown		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated bipheny	yls)	68349 Acres	2006
			This listing covers non dioxin- concentration data.	like PCBs.Interim health advisory for fish; unc	vertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipheny	yls) (dioxin-like)	68349 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	nunds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2, 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189).	3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		68349 Acres	2019
			contributions from oil refinerio species may have made food ci	the food chain; most sensitive indicator is hatcles (control program in place) and agriculture (hain more susceptible to accumulation of selenucks); low TMDL priority because Individual (carried downstream by r tium; health consumption	ivers); exotic advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
2 R San	Pablo Creek	20660014	Diazinon		9.9 Miles	2005
			This listing was made by USEI			
				Urban Runoff/Storm Sewers		
2 L San	Pablo Reservoir	20660012	Chlordane		784 Acres	2019
				Source Unknown		
			Dieldrin	Source Chamown	784 Acres	2019
					707 110100	2029
				Source Unknown		
			Heptachlor epoxide		784 Acres	2019
			34	Source Unknown	# 0.4 . 4	2010
			Mercury		784 Acres	2019
				Atmospheric Deposition		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipheny	vls)	784 Acres	2019
				Toxaphene	Source Unknown	784 Acres	2019
					Source Unknown		
2	R	San Pedro Creek	20221011	Coliform Bacteria	Urban Runoff/Storm Sewers	2.4 Miles	2019
					Nonpoint Source		
2	R	San Rafael Creek	20320012	Diazinon This listing was made by USEI		3.6 Miles	2005
					Urban Runoff/Storm Sewers		
2	R	San Vicente Creek	20221012	Coliform Bacteria	Nonpoint Source	3.8 Miles	2019
2	R	Saratoga Creek	20550040	Diazinon This listing was made by USEI	PA. Urban Runoff/Storm Sewers	18 Miles	2005
2	L	Shadow Cliffs Reservoir	20430080	Mercury		90 Acres	2019
				PCBs (Polychlorinated bipheny	Source Unknown dls)	90 Acres	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Sonoma Creek	20640050		part of ongoing watershed management effor	30 Miles	2008 l assessment
				needed.	Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		30 Miles	2006
				TMDL will be developed as p needed.	part of ongoing watershed management effor	t. Additional monitoring and	l assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		30 Miles	2008
				TMDL will be developed as peeded.	part of ongoing watershed management effor	t. Additional monitoring and	l assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
2	L	Soulajule Reservoir	20112012				
				Mercury		49 Acres	2019
					Source Unknown		***
				PCBs (Polychlorinated bipher	nyls)	49 Acres	2019
					Source Unknown		
2	R	Stevens Creek	20550020				
				Diazinon		20 Miles	2005
				This listing was made by USA			
					Urban Runoff/Storm Sewers		
				Toxicity		20 Miles	2019
					Source Unknown		
					Source Chimiotti		

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					SWR	CB APPROVAL DA	TE: OCTOBER 25, 2006
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Stevens Creek Reservoir	20550031				
				Chlordane		85 Acres	2019
					G		
				D. 11.	Source Unknown	0.7	2010
				Dieldrin		85 Acres	2019
					Source Unknown		
				Mercury	Source Challown	85 Acres	2019
				Mercury		05 Acres	2017
					Source Unknown		
				PCBs (Polychlorinated biphen	yls)	85 Acres	2019
					Source Unknown		
2	В	Suisun Bay	20710020				
				Chlordane		25335 Acres	2008
				This listing was made by USE			
					Nonpoint Source		
				DDT	T.D.A.	25335 Acres	2008
				This listing was made by USE	PA. Nonpoint Source		
				Dieldrin	Nonpoint Source	25335 Acres	2008
				This listing was made by USE	PPA.	25555 Acres	2000
					Nonpoint Source		
				Dioxin Compounds (including	2,3,7,8-TCDD)	25335 Acres	2019
					3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCD, and OCDD. This listing was made by USEPA.		DD, 1,2,3,7,8,9-
				7. 4. 6. 4.	Atmospheric Deposition		2010
				Exotic Species	and pollutant quailability in food about Jimme C	25335 Acres	2019
				Disrupi naturat venthos; char	nge pollutant availability in food chain; disrupt fo Ballast Water	жа ачанарину 10 пап	eve species.
				Furan Compounds		25335 Acres	2019
				The specific compounds are 2	,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-H	F, 1,2,3,4,7,8-HxCDF,	1,2,3,6,7,8-HxCDF,

Atmospheric Deposition

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Mercury		25335 Acres	2006
				nsumption and wildlife consumption im mining; most significant ongoing sourc from point sources.		0
				Industrial Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Nickel		25335 Acres	2019
			This listing was made by USE	EPA.		
				Source Unknown		
			PCBs (Polychlorinated biphen	nyls)	25335 Acres	2006
			This listing covers non-dioxin concentration data.	ı-like PCBs. Interim health advisory fo	or fish; uncertainty regarding wat	er column
				Unknown point source		
			PCBs (Polychlorinated biphen	nyls) (dioxin-like)	25335 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 1	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TC 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCl	(118), 2,3,4,4,5-PeCB (123), 2,3,.	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		25335 Acres	2019
			contributions from oil refiner species may have made food o	the food chain; most sensitive indicato ies (control program in place) and agr chain more susceptible to accumulation ducks); low TMDL priority because Ind Industrial Point Sources	iculture (carried downstream by a n of selenium; health consumption	rivers); exotic a advisory in effect
				Natural Sources		
				Exotic Species		
2 T Suisi	un Marsh Wetlands	20723000				
			Metals		66339 Acres	2019
			Additional monitoring and as			
				Agriculture		
				Urban Runoff/Storm Sewers		

Flow Regulation/Modification

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMDL COMPLETION
			Nutrients		66339		2019
			Additional monitoring and ass	sessment needed.			
				Agriculture			
				Urban Runoff/Storm Sewers			
				Flow Regulation/Modification			
			Organic Enrichment/Low Disse	olved Oxygen	66339	Acres	2019
			Additional monitoring and ass				
				Agriculture			
				Urban Runoff/Storm Sewers			
				Flow Regulation/Modification			_
			Salinity/TDS/Chlorides		66339	Acres	2019
			Additional monitoring and ass	sessment needed. Agriculture			
				Urban Runoff/Storm Sewers			
				Flow Regulation/Modification			
				Fion Regulation/Mounication			
2 E Suis	un Slough	20723000	Dianiman		1124	A	2005
			Diazinon This listing was made by USEI	PA	1124	Acres	2005
			This listing was made by USEI	Urban Runoff/Storm Sewers			
4 P T	l D	20114022					
2 B Ton	nales Bay	20114033	Mercury		8545	Acres	2010
			Current data indicate fish cons for multiple fish species includ	sumption and wildlife consumption impacted uses. ling striped bass and shark. Major source is histo ant ongoing source is erosion and drainage from a	: health const	umption a ing sedim	ndvisory in effect nents and local
				Mine Tailings			
			Nutrients		8545		2019
				art of ongoing watershed management effort. Trib ed first. Additional monitoring and assessment ne	•	, Lagunita	as Creek and
				Agriculture			
			Sedimentation/Siltation		8545		2008
			1 1	urt of ongoing watershed management effort. Trib ed first. Additional monitoring and assessment ne Agriculture	•	, Lagunite	as Creek and
				Upstream Impoundment			
				epse cam impoundment			

						SWRCB APPROVAL DAT	E. OCTOBER 23, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Walker Creek	20112013	Mercury Tributary to Tomales Bay. The monitoring and assessment no	MDLs will be developed as part of evolvin veded. Surface Mining Mine Tailings	16 Miles ag watershed management effor	2006 t. Additional
				Nutrients Tributary to Tomales Bay. The monitoring and assessment no	MDLs will be developed as part of evolvin	16 Miles rg watershed management effor	2019 t. Additional
				Sedimentation/Siltation Tributary to Tomales Bay. Tributary and assessment no	MDLs will be developed as part of evolvin	16 Miles ag watershed management effor	2009 t. Additional
2	R	Walnut Creek	20731040	Diazinon This listing was made by USE	PA. Urban Runoff/Storm Sewers	9 Miles	2005
2	R	Wildcat Creek	20660013	Diazinon This listing was made by USE	PA. Urban Runoff/Storm Sewers	12 Miles	2005
3	R	Alamo Creek	31230071	Fecal Coliform	Agriculture Range Grazing-Riparian and/or Upla Natural Sources	7.8 Miles	2008
3	R	Alisal Creek (Salinas)	30970093	Fecal Coliform	Agriculture Urban Runoff/Storm Sewers Natural Sources Nonpoint Source	7.4 Miles	2007

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrate		7.4 Miles	2007
					Source Unknown		
3	R	Aptos Creek	30413023				
				Pathogens		8.4 Miles	2019
				Impaired length for pathogen	s is below Bridge Creek to the mouth (approxim	nately 5 miles).	
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		8.4 Miles	2008
					Disturbed Sites (Land Develop.)		
					Channel Erosion		
3	R	Arroyo Burro Creek	31532010				
				Pathogens		6.1 Miles	2015
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
3	R	Arroyo Paredon	31534010				
3	N	Arroyo i arcuon	31334010	Boron		5.2 Miles	2019
					Source Unknown		
				Nitrate as Nitrate (NO3)		5.2 Miles	2019
					Source Unknown		
				Toxicity		5.2 Miles	2019
					Source Unknown		
					Source Olikhown		
3	R	Atascadero Creek (San Luis Obispo County)	30981124	E LO Pe		5.4.340	2010
				Fecal Coliform		5.4 Miles	2019
					Source Unknown		
				Low Dissolved Oxygen		5.4 Miles	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Bean Creek	30412041	Sedimentation/Siltation	Road Construction Disturbed Sites (Land Develop.) Resource Extraction Erosion/Siltation Nonpoint Source	8.9 Miles	2019
3	R	Bear Creek(Santa Cruz County)	30412030	Sedimentation/Siltation	Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	6.3 Miles	2019
3	R	Bell Creek (Santa Barbara Co)	31510013	Nitrate as Nitrate (NO3)	Source Unknown	1.1 Miles	2019
3	R	Blanco Drain	30911010	Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	15 Miles	2008

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Boulder Creek	30412020	Sedimentation/Siltation		7.6 Miles	2019
					Specialty Crop Production		
					Silviculture		
					Road Construction		
					Disturbed Sites (Land Develop.)		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Bradley Canyon Creek	31210030				
				Ammonia (Unionized)		17 Miles	2019
					Source Unknown		
				Fecal Coliform	Source Chanown	17 Miles	2008
					Agriculture		
					Pasture Grazing-Riparian and/or Upland		
					Urban Runoff/Storm Sewers		
					Natural Sources		
				Nitrate as Nitrate (NO3)		17 Miles	2019
					Source Unknown		
3	R	Bradley Channel	31210030				
		•		Fecal Coliform		3.1 Miles	2008
					G		
				N:44 N:44- (NO2)	Source Unknown	2.1 Mil	2019
				Nitrate as Nitrate (NO3)		3.1 Miles	2019
					Source Unknown		
3	R	Branciforte Creek	30412051				
				Sedimentation/Siltation		5.8 Miles	2019
					Silviculture		
					Road Construction		
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Canada De La Gaviota	31510031	Boron		7 Miles	2019
					Source Unknown		
3	R	Carbonera Creek	30412050	Pathogens		10 Miles	2019
					Urban Runoff/Storm Sewers Nonpoint Source		
3	R	Carneros Creek	31531020	Ammonia (Unionized)		3.4 Miles	2019
					Source Unknown		
3	R	Carpinteria Creek	31534020	Pathogens		5.8 Miles	2015
					Agriculture Land Disposal		
					Septage Disposal		
3	E	Carpinteria Marsh (El Estero Marsh)	31534020	Nutrients		188 Acres	2019
				Organic Enrichment/Low Disso	Agriculture olved Oxygen	188 Acres	2019
				Priority Organics	Agriculture	188 Acres	2019
					Urban Runoff/Storm Sewers		
3	R	Casmalia Canyon Creek	31300040	Sedimentation/Siltation		5 Miles	2019
					Source Unknown		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE		WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
3	R	Cholame Creek	31700053	Boron		8.7 Miles	2019
				Fecal Coliform	Source Unknown	8.7 Miles	2019
					Agriculture		
					Pasture Grazing-Riparian and/or Upland Natural Sources		
					Nonpoint Source		
3	R	Chorro Creek	31022012	Nutrients		14 Miles	2005
					Municipal Point Sources		
					Agriculture Irrigated Crop Production		
					Agriculture-storm runoff		
				Oxygen, Dissolved		14 Miles	2019
					Source Unknown		
3	R	Clear Creek (San Benito County)	30550013	Mercury		9.6 Miles	2004
					Resource Extraction		
3	R	Corralitos Creek	30510010	Fecal Coliform		13 Miles	2006
				recai Comorni	Source Unknown	13 Willes	2000
3	R	Cuyama River	31210030				
				Boron		134 Miles	2019
					Source Unknown		
3	E	Elkhorn Slough	30600014	Pathogens		2034 Acres	2015
					Natural Sources		_320
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		2034 Acres	2008
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
					Agricultural Return Flows		
					Erosion/Siltation		
					Contaminated Sediments		
					Nonpoint Source		
				Sedimentation/Siltation		2034 Acres	2015
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
					Channel Erosion		
					Nonpoint Source		
3	R	Espinosa Slough	30911010				
				Pesticides		1.5 Miles	2008
					Agriculture		
					Urban Runoff/Storm Sewers		
				Priority Organics		1.5 Miles	2008
					Nonpoint Source		
3	R	Fall Creek	30412022				
				Sedimentation/Siltation		5.1 Miles	2019
					Road Construction		
					Habitat Modification		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Franklin Creek	31534020	N244 N244 (N202)		40.342	2010
				Nitrate as Nitrate (NO3)		2.8 Miles	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Gabilan Creek	30919000	Fecal Coliform		6.4 Miles	2007
					Urban Runoff/Storm Sewers		
					Natural Sources		
					Nonpoint Source		
				Nitrate as Nitrate (NO3)		6.4 Miles	2019
					Source Unknown		
3	R	Glen Annie Canyon	31531020	Nitrate as Nitrate (NO3)		5.7 Miles	2019
				Miliate as Miliate (1103)		3.7 WHIES	2017
					Source Unknown		
3	E	Goleta Slough/Estuary	31531020				
				Pathogens		196 Acres	2015
					Urban Runoff/Storm Sewers		
				Priority Organics		196 Acres	2019
					Nonpoint Source		
3	L	Hernandez Reservoir	30550016				
				Mercury		626 Acres	2005
					Surface Mining		
3	R	Kings Creek	30412011				
				Sedimentation/Siltation	an I v	4.4 Miles	2019
					Silviculture Road Construction		
					Disturbed Sites (Land Develop.)		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Las Tablas Creek	30981293				
				Metals	C. C. M. C.	5.7 Miles	2019
					Surface Mining		

						SWRCB APPROVAL DAT	TE: OCTOBER 25, 2006
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Las Tablas Creek, North Fork	30981290				
				Metals		6.5 Miles	2019
					Surface Mining		
3	R	Las Tablas Creek, South Fork	30981290				
				Metals		4.7 Miles	2019
					Surface Mining		
3	R	Llagas Creek	30530020				
				Chloride		16 Miles	2019
				Impaired section for Chlorido near Southside Drive).	es is located downstream of confluence w	vith Miller Slough (approximate	ly 1 mile of stream
					Nonpoint Source		
					Point Source		
				Fecal Coliform		16 Miles	2011
				Impaired section for Fecal Co Pajaro River (approximately	oliform is located between the confluenc 9.5 miles of stream length).	e with Church Creek and the co	nfluence with
					Pasture Grazing-Riparian and/or U	pland	
					Natural Sources		
					Nonpoint Source		
				Low Dissolved Oxygen		16 Miles	2019
				This listing was made by USE			
					Municipal Point Sources		
					Irrigated Crop Production		
					Agricultural Return Flows		
				N	Habitat Modification	44 350	****
				Nitrate as Nitrate (NO3)		16 Miles	2019
					Source Unknown		
				pН		16 Miles	2019
					Source Unknown		
				Sodium		16 Miles	2019
				Impaired section for Sodium near Southside Drive).	is located downstream of confluence wit	h Miller Slough (approximately	1 mile of stream
					Source Unknown		

Nonpoint Source

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		16 Miles	2019
				Impaired section for Total Dis with Pajaro River (approxima	solved Solids is located between the confluence tely 9.5 miles of stream length).	with Church Creek and	the confluence
					Nonpoint Source		
					Point Source		
3	R	Lompico Creek	30412040				
				Pathogens		4.5 Miles	2019
					Contain Discours		
					Septage Disposal Natural Sources		
					Nonpoint Source		
					Nonpoint Source		
3	R	Los Osos Creek	31023012	T - P'1 - 10		4.1 349	2015
				Low Dissolved Oxygen This listing was made by USEI	DA	4.1 Miles	2015
				This tisting was made by OSEI	Agriculture		
					Pasture Grazing-Riparian and/or Upland		
					Urban Runoff/Storm Sewers		
					Natural Sources		
3	R	Love Creek	30412021				
				Sedimentation/Siltation		3.8 Miles	2019
					Agriculture		
					Silviculture		
					Road Construction		
					Disturbed Sites (Land Develop.)		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Main Street Canal	31210030				
				Ammonia (Unionized)		5.1 Miles	2019

Source Unknown

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrate		5.1 Miles	2015
					Agriculture Urban Runoff/Storm Sewers Nonpoint Source		
3	R	Mission Creek	31532011	Pathogens		8.6 Miles	2015
				Unlineary Torrigida	Urban Runoff/Storm Sewers Transient encampments	8.6 Miles	2010
				Unknown Toxicity	Urban Runoff/Storm Sewers	8.6 Miles	2019
3	В	Monterey Harbor	30950042	Metals		76 Acres	2007
				Unknown Toxicity	Railroad Slag Pile Source Unknown	76 Acres	2019
3	Е	Moro Cojo Slough	30913011	Ammonia (Unionized)		62 Acres	2019
				Low Dissolved Oxygen	Source Unknown	62 Acres	2019
				Pesticides	Source Unknown	62 Acres	2006
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows Nonpoint Source		

REGION TY	YPE NAM	ЛЕ	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		62 Acres	2019
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
					Construction/Land Development		
					Nonpoint Source		
3 B	Morro Bay		31022012				
				Oxygen, Dissolved		1922 Acres	2019
					Source Unknown		
3 B	Moss Landing	g Harbor	30600014				-0.40
				Pathogens		79 Acres	2019
					Agriculture		
					Nonpoint Source		
				Pesticides	Boat Discharges/Vessel Wastes	79 Acres	2006
				resuciues	Agriculture	79 Acres	2000
					Irrigated Crop Production		
					Specialty Crop Production		
				Sedimentation/Siltation	Specially Crop Production	79 Acres	2019
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
					Hydromodification		
					Dredging		
					Channel Erosion		
					Erosion/Siltation		
					Nonpoint Source		

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						SWRCD APPROVAL DAT	E. OCTOBER 23, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Mountain Charlie Gulch	30412040	Sedimentation/Siltation		3.9 Miles	2019
					Silviculture		
					Road Construction		
					Erosion/Siltation		
					Nonpoint Source		
3	L	Nacimiento Reservoir	30982000				
				Metals		5736 Acres	2019
					Surface Mining		
					Natural Sources		
3	R	Natividad Creek	30911010				
3	K	Natividad Creek	30911010	Nitrate as Nitrate (NO3)		7 Miles	2019
					Source Unknown		
3	R	Newell Creek (Upper)	30412031				
				Sedimentation/Siltation		3.5 Miles	2019
					Agriculture		
					Silviculture		
					Road Construction		
					Disturbed Sites (Land Develop.)		
					Channel Erosion		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Nipomo Creek	31210011				
				Fecal Coliform		9.3 Miles	2008
					Agriculture		
					Urban Runoff/Storm Sewers		
					Natural Sources		
3	E	Old Salinas River Estuary	30911010				
				Ammonia (Unionized)		74 Acres	2019

Source Unknown

					2	
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Fecal Coliform		74 Acres	2007
			Low Dissolved Oxygen	Source Unknown	74 Acres	2019
			Nutrients	Source Unknown	74 Acres	2007
				Agriculture Irrigated Crop Production Agriculture-irrigation tailwater Nonpoint Source		
			Pesticides		74 Acres	2008
				Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source		
3 R Or	rcutt Creek	31210030	Ammonia (Unionized)		10 Miles	2019
			Boron This listing was made by USE	Source Unknown EPA. Natural Sources	10 Miles	2019
			Chlorpyrifos		10 Miles	2019
			DDT	Source Unknown Source Unknown	10 Miles	2019
			Dieldrin	Source Chimowa	10 Miles	2019
				Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Fecal Coliform		10 Miles	2008
					Agriculture		
					Pasture Grazing-Riparian and/or Upland		
					Natural Sources		
					Nonpoint Source		
				Nitrate		10 Miles	2015
					Source Unknown		
3	R	Oso Flaco Creek	31210030	Ammonia (Unionized)		6.3 Miles	2019
				Ammonia (Cinomizea)		0.5 Wiles	2017
					Source Unknown		
				Fecal Coliform		6.3 Miles	2008
					Source Unknown		
				Nitrate		6.3 Miles	2015
					Source Unknown		
3	L	Oso Flaco Lake	31210030				
				Dieldrin		56 Acres	2019
					Source Unknown		
				Nitrate		56 Acres	2015
					Agriculture		
					Nonpoint Source		
3	C	Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	31532010				
		(Cultur Dat but a County)		Total Coliform		0.06 Miles	2015
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	С	Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	31534020				
		County)		Fecal Coliform		0.06 Miles	2015
					Source Unknown		
				Total Coliform		0.06 Miles	2015
					Source Unknown		
3	C	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	31532011				
				Fecal Coliform		0.06 Miles	2015
					Agriculture		
					Urban Runoff/Storm Sewers		
					Natural Sources		
					Nonpoint Source		
				Total Coliform	Unknown Nonpoint Source	0.06 Miles	2015
				Total Comorni	Agriculture	0.00 Miles	2015
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
					Unknown Nonpoint Source		
3	С	Pacific Ocean at East Beach (mouth of	31532012		•		
3	C	Sycamore Creek, Santa Barbara County)	31332012				
				Total Coliform		0.06 Miles	2015
					Source Unknown		
3	C	Pacific Ocean at Gaviota Beach (mouth of	31510031				
		Canada de la Gaviota Creek, Santa Barbara County)					
				Total Coliform		0.06 Miles	2015
					Source Unknown		
3	С	Pacific Ocean at Hammonds Beach (Santa	31533010				
		Barbara County)					
				Fecal Coliform		0.06 Miles	2015
					Source Unknown		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION			WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
3	С	Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	31532010	Fecal Coliform	Source Unknown	0.06 Miles	2015
3	С	Pacific Ocean at Jalama Beach (Santa Barbara County)	31510051	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	0.06 Miles	2015
				Total Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	0.06 Miles	2015
3	С	Pacific Ocean at Ocean Beach (Santa Barbara County)	31410050	Fecal Coliform	Source Unknown	0.06 Miles	2015
				Total Coliform	Source Unknown	0.06 Miles	2015
3	С	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	31534012	Fecal Coliform	Source Unknown	0.06 Miles	2015
				Total Coliform	Source Unknown	0.06 Miles	2015
3	С	Pacific Ocean at Refugio Beach (Santa Barbara County)	31510022	Total Coliform	Source Unknown	0.06 Miles	2015

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Pajaro River	30510030	TOLLOTALOTALOSOR	SOURCES	SIZE AFFECTED	COMPLETION
· ·		Tajaro Xiver	20210020	Boron		32 Miles	2019
					Source Unknown		
				Fecal Coliform	6 1/ 1 15 11)	32 Miles	2011
				Impaired length is above Llago	as Creek (approximately 4.5 miles). Pasture Grazing-Riparian and/or Upland		
					Natural Sources		
					Nonpoint Source		
3	D	Professor Consile	31024012				
3	R	Prefumo Creek	31024012	Nitrate as Nitrate (NO3)		7.7 Miles	2019
					Source Unknown		
3	R	Quail Creek	30919000				
				Nitrate as Nitrate (NO3)		4.2 Miles	2019
					Source Unknown		
3	R	Rincon Creek	31534012			40.350	****
				Boron		10 Miles	2019
					Source Unknown		
				Toxicity		10 Miles	2019
					Source Unknown		
3	R	Salinas Reclamation Canal	30911010				
				Ammonia (Unionized)		14 Miles	2019
					Source Unknown		
				Fecal Coliform	Source Chikhown	14 Miles	2007
				- cui Comorni		14 Mines	2007
					Agriculture		
					Pasture Grazing-Riparian and/or Upland		
					Urban Runoff/Storm Sewers		
					Natural Sources		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Low Dissolved Oxygen		14 Miles	2019
				a		
			D4:-:3	Source Unknown	14 M2	2000
			Pesticides		14 Miles	2008
				Minor Industrial Point Source		
				Agriculture		
				Irrigated Crop Production		
				Agriculture-storm runoff		
				Agriculture-irrigation tailwater		
				Agricultural Return Flows		
				Nonpoint Source		
			Priority Organics		14 Miles	2008
				Minor Industrial Point Source		
				Agriculture		
				Irrigated Crop Production		
				Agriculture-storm runoff		
				Agriculture-irrigation tailwater		
				Agricultural Return Flows		
				Urban Runoff/Storm Sewers		
				Source Unknown		
				Nonpoint Source		
	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	30917000				
•	ind 50/20)		Fecal Coliform		31 Miles	2007
				Source Unknown		
			Nitrate as Nitrate (NO3)		31 Miles	2019
				Carrage Harlander		
			Nutrients	Source Unknown	31 Miles	2007
			Nutrents		31 Miles	2007
				Agriculture		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		31 Miles	2008
					A:14		
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff Agriculture-irrigation tailwater		
					Agricultural Return Flows		
					Nonpoint Source		
				Salinity/TDS/Chlorides	ronpoint source	31 Miles	2019
				Summey 125% Chieffaes		or mics	2017
					Agriculture		
					Natural Sources		
					Nonpoint Source		
				Toxaphene		31 Miles	2019
					Source Unknown		
3	R	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento	30917000				
		River)					
				Pesticides		72 Miles	2008
				Area affected is the lower 20	miles of the middle Salinas River.		
					Agriculture Irrigated Crop Production		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Agricultural Return Flows		
					Nonpoint Source		
				Salinity/TDS/Chlorides	•	72 Miles	2019
					miles of the middle Salinas River.		
					Agriculture		
					Natural Sources		
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	30981112				
				Chloride		49 Miles	2019
					Agriculture		
					Pasture Grazing-Riparian and/or Upland		
				a v	Urban Runoff/Storm Sewers	40.350	****
				Sodium	A:	49 Miles	2019
					Agriculture Pasture Grazing-Riparian and/or Upland		
					Urban Runoff/Storm Sewers		
3	E	Salinas River Lagoon (North)	30911010				
				Nutrients		197 Acres	2007
				D 411	Nonpoint Source	105	2000
				Pesticides	Agriculture	197 Acres	2008
					Agriculture		
3	R	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	31300050				
		,		Ammonia as Nitrogen		14 Miles	2019
					Source Unknown		
				Boron		14 Miles	2019
				This listing was made by USEF			
				Nitrogen, Nitrite	Natural Sources	14 Miles	2019
				mogen, munc		14 Miles	2017
					Source Unknown		
3	R	San Benito River	30530020	Fecal Coliform		86 Miles	2011
				- cai Comorni		ou mines	2011
					Source Unknown		

REGION	ТҮРЕ		CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	San Diego Creek	31100050	Toxaphene		4.6 Miles	2019
					Source Unknown		
3	R	San Lorenzo Creek	30970023	Boron		49 Miles	2019
				Fecal Coliform	Source Unknown	49 Miles	2019
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources		
3	R	San Lorenzo River	30412022	Pathogens		27 Miles	2019
					Urban Runoff/Storm Sewers Septage Disposal		
3	Е	San Lorenzo River Lagoon	30412053	Pathogens	Urban Runoff/Storm Sewers Natural Sources	66 Acres	2019
3	R	San Luis Obispo Creek	31024011	Nitrate as Nitrate (NO3)		1.6 Miles	2019
					Source Unknown		
3	R	San Luis Obispo Creek (Below W Marsh Street)	31024012	Nitrate as Nitrate (NO3)		9.6 Miles	2019
					Source Unknown		

ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Nutrients		9.6 Miles	2005
				Municipal Point Sources		
				Agriculture		
				Agriculture-storm runoff		
R	San Vicente Creek	30411023	Sedimentation/Siltation		9.1 Miles	2019
					,	2019
				Silviculture		
R S	Santa Maria River	31210030				
			Ammonia (Unionized)		51 Miles	2019
				Source Unknown		
			Chlorpyrifos		51 Miles	2015
				Source Unknown		
			DDT	Source Chikhown	51 Miles	2015
				Source Unknown		
			Dieldrin		51 Miles	2015
				Source Unknown		
			Endrin		51 Miles	2015
				Source Unknown		
			Fecal Coliform	Source Chikhown	51 Miles	2008
				Agriculture		
				Pasture Grazing-Riparian and/or Upland		
				Urban Runoff/Storm Sewers		
	R	R San Vicente Creek	R San Vicente Creek 30411023	R San Vicente Creek 30411023 R Santa Maria River 31210030 Chlorpyrifos DDT Dieldrin	Nutrients Nutrients Nutrients Municipal Point Sources Agriculture Irrigated Crop Production Agriculture-storm runoff R San Vicente Creek Santa Maria River Santa Maria River Ammonia (Unionized) Chlorpyrifos DDT DDT Dieldrin Endrin Endrin Fecal Coliform Agriculture Source Unknown Agriculture	Nutrients Survente Creek Nutrients Source Unknown Dieldrin Source Unknown Source

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrate		51 Miles	2015
					Agriculture		
					Pasture Grazing-Riparian and/or Upland		
					Urban Runoff/Storm Sewers		
3	R	Santa Rita Creek (Monterey County)	30919000	Nit		11 Miles	2019
				Nitrate as Nitrate (NO3)		11 Miles	2019
				•	Source Unknown		
3	R	Santa Ynez River (below city of Lompoc to	31410040				
_		Ocean)	0-1-11				
				Nitrate as Nitrate (NO3)		3.8 Miles	2015
					Source Unknown		
				Salinity/TDS/Chlorides	50 	3.8 Miles	2019
				·			
					Agriculture		
				Sedimentation/Siltation		3.8 Miles	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
					Resource Extraction		
3	R	Santa Ynez River (Cachuma Lake to below	31440050				
		city of Lompoc)	01110000				
				Salinity/TDS/Chlorides		43 Miles	2019
					Agriculture		
				Sedimentation/Siltation	rigireulture	43 Miles	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
					Resource Extraction		
3	L	Schwan Lake	30412053				
				Nutrients		23 Acres	2019
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pathogens		23 Acres	2019
					Urban Runoff/Storm Sewers		
					Natural Sources		
2	-	gr	21200041				
3	R	Shuman Canyon Creek	31300041	Sedimentation/Siltation		8.5 Miles	2019
				Scumentation/Sittation		0.5 WHES	2017
					Source Unknown		
3	S	Soda Lake	31100050				
				Ammonia (Unionized)		2627 Acres	2019
					Source Unknown		
3	E	Soquel Lagoon	30413014				
				Nutrients		1.2 Acres	2019
					Septage Disposal		
					Nonpoint Source		
				Pathogens		1.2 Acres	2019
					Urban Runoff/Storm Sewers		
					Natural Sources		
					Nonpoint Source		
				Sedimentation/Siltation		1.2 Acres	2011
					Construction/Land Development		
3	R	Tembladero Slough	30911010				
3	K	Tembladero Slough	30311010	Ammonia (Unionized)		5 Miles	2019
					Source Unknown		
				Fecal Coliform		5 Miles	2007
					Agriculture		
					Pasture Grazing-Riparian and/or Upland	d	
					Urban Runoff/Storm Sewers		
					Natural Sources		

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Nutrients		5 Miles	2006
			Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	5 Miles	2008
				Irrigated Crop Production		
				Agriculture-storm runoff Agricultural Return Flows		
				Nonpoint Source		
3 R	Tequisquita Slough	30530020	Fecal Coliform		7.2 Miles	2019
				Agriculture Natural Sources Nonpoint Source		
3 R	Valencia Creek	30413023	Pathogens	Agriculture	6.2 Miles	2019
			Sedimentation/Siltation	Septage Disposal Agriculture Construction/Land Development	6.2 Miles	2008
3 R	Warden Creek	31023010	Low Dissolved Oxygen		6 Miles	2019
				Source Unknown		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Watsonville Slough	30510030	Pesticides		6.2 Miles	2007
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Nonpoint Source		
3	R	Zayante Creek	30412040	Sedimentation/Siltation	Agriculture Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	9.2 Miles	2019
4	С	Abalone Cove Beach	40511000	DDT (sediment)		1.1 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for		1.1 Miles	2019
4	R	Aliso Canyon Wash	40521000	Copper		10 Miles	2019
				Fecal Coliform	Source Unknown	10 Miles	2019
4	С	Amarillo Beach	40431000	DDT Fish Consumption Advisory for	<i>r DDT.</i> Nonpoint Source	0.64 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated biphen	yls)	0.64 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
4	R	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	40515010				
				Coliform Bacteria		5.2 Miles	2009
					Nonpoint Source		
				Trash		5.2 Miles	2002
					Nonpoint Source		
4	R	Arroyo Seco Reach 2 (Figueroa St. to	40515010				
		Riverside Dr.)		Coliform Bacteria		4.4 Miles	2009
					Nonpoint Source		
				Trash	•	4.4 Miles	2002
					Nonpoint Source		
4	C	Avalon Beach	40511000				
				Indicator bacteria		0.67 Miles	2019
				Area affected is between Pier Pier (1/3). and between BB re	and BB restaurant (2/3), between Pier and BB staurant and the Tuna Club. Nonpoint/Point Source	restaurant (1/3), betwee	n storm drain and
4	R	Ballona Creek	40513000				
				Cadmium (sediment)		6.5 Miles	2005
					N		
				Coliform Bacteria	Nonpoint/Point Source	6.5 Miles	2006
				Comorni Ducteria		0.5 Miles	2000
					Nonpoint/Point Source		
				Cyanide		6.5 Miles	2019
					Source Unknown		

REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Silver (sediment)		6.5 Miles	2005
			Viruses (enteric)	Nonpoint Source	6.5 Miles	2006
				Nonpoint/Point Source		
4 R	Ballona Creek Estuary	40513000	Coliform Bacteria		2.3 Miles	2006
			Shellfish Harvesting Advisory	Nonpoint/Point Source	2.3 Miles	2006
				Nonpoint/Point Source		
4 T	Ballona Creek Wetlands	40517000	Exotic Vegetation		289 Acres	2019
			Habitat alterations	Nonpoint Source	289 Acres	2019
			Hydromodification	Nonpoint Source	289 Acres	2019
			Reduced Tidal Flushing	Nonpoint Source	289 Acres	2019
				Nonpoint Source		
4 R	Bell Creek	40521000	Coliform Bacteria	Nonpoint/Point Source	8.9 Miles	2009
4 C	Big Rock Beach	40431000	DDT Fish consumption advisory for	· <i>DDT.</i> Nonpoint Source	0.74 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated biphen Fish Consumption Advisory for	yls)	0.74 Miles	2019
4	С	Bluff Cove Beach	40511000	DDT Fish Consumption Advisory for	Nonpoint Source	0.55 Miles	2019
				PCBs (Polychlorinated biphen Fish Consumption Advisory fo		0.55 Miles	2019
4	R	Brown Barranca/Long Canyon	40321000	Nitrate and Nitrite	Nonpoint Source	2.6 Miles	2003
4	R	Burbank Western Channel	40521000	Cyanide		13 Miles	2019
				Trash	Source Unknown Nonpoint/Point Source	13 Miles	2002
4	C	Cabrillo Beach (Outer)	40512000	DDT Fish consumption advisory fo	-	0.58 Miles	2019
				PCBs (Polychlorinated biphen Fish consumption advisory for	yls)	0.58 Miles	2019
4	Е	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	40311000	Copper		344 Acres	2006
				Mercury	Nonpoint/Point Source	344 Acres	2006
					Nonpoint/Point Source		

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Nickel		344 Acres	2006
				Nonpoint/Point Source		
			Sedimentation/Siltation	Nonpoint/Foint Source	344 Acres	2019
			Scannenauon Situation		on neres	2015
				Agriculture		
				Natural Sources		
4 R	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	40312000				
			Copper, Dissolved		4.3 Miles	2006
				N 1.0		
			Fecal Coliform	Nonpoint Source	4.3 Miles	2006
			Area affected is at the mouth o	of the creek.	4.5 Willes	2000
				Nonpoint/Point Source		
4 R	Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	40312000				
			Chlordane		3.5 Miles	2019
				Source Unknown		
			Chloride		3.5 Miles	2002
			m (10) 1 10 11	Nonpoint/Point Source	25.369	2010
			Total Dissolved Solids		3.5 Miles	2019
				Nonpoint/Point Source		
4 R	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	40311000				
	Central Product on 1990 coca listy		Boron		7.2 Miles	2019
			This listing was made by USEI			
			F1 C-128	Nonpoint Source	72.350	2007
			Fecal Coliform		7.2 Miles	2006
				Nonpoint/Point Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		7.2 Miles	2006
					N 46		
				Sulfates	Nonpoint Source	7.2 Miles	2019
				This listing was made by USE	PA.	7.2 vines	2019
				·	Nonpoint Source		
				Total Dissolved Solids		7.2 Miles	2019
				This listing was made by USE	PA. Nonpoint Source		
				Trash	Nonpoint Source	7.2 Miles	2019
				11431		7.2 IVINES	2017
					Nonpoint Source		
4	R	Calleguas Creek Reach 5 (was Beardsley	40311000				
		Channel on 1998 303d list)		Trash		4.3 Miles	2019
				1 rasii		4.5 Miles	2019
					Nonpoint Source		
4	R	Calleguas Creek Reach 6 (was Arroyo Las	40362000				
		Posas Reaches 1 and 2 on 1998 303d list)		CILL 11		15 350	2002
				Chloride		15 Miles	2002
					Nonpoint/Point Source		
				Fecal Coliform		15 Miles	2006
					Nonpoint/Point Source		
				Sulfates	Nonpoint/Point Source	15 Miles	2019
				Sunaces		15 WHES	2017
					Nonpoint/Point Source		
				Total Dissolved Solids		15 Miles	2019
					Nonpoint/Point Source		
•	D		402/8000		1 tonpoint 1 ont bource		
4	R	Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	40367000				
				Boron		14 Miles	2019

Nonpoint Source

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
REGION	1111	14/14/11/	MATERSHED	Chloride	SOURCES	14 Miles	2002
				Fecal Coliform	Nonpoint Source	14 Miles	2006
				Sulfates	Nonpoint Source	14 Miles	2019
				Total Dissolved Solids	Nonpoint Source	14 Miles	2019
					Nonpoint Source		
4	R	Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	40366000	Boron		7.2 Miles	2019
				Chloride	Nonpoint/Point Source	7.2 Miles	2002
				Sulfates	Nonpoint/Point Source	7.2 Miles	2019
				Total Dissolved Solids	Nonpoint/Point Source	7.2 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	40312000	Fecal Coliform		1.7 Miles	2006
				Sulfates	Nonpoint/Point Source	1.7 Miles	2019
				Total Dissolved Solids	Nonpoint/Point Source	1.7 Miles	2019
				Page 100 of 236	Nonpoint/Point Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	40363000				
		,		Chloride		6.2 Miles	2002
				Fecal Coliform	Nonpoint/Point Source	6.2 Miles	2006
				Sulfates	Nonpoint/Point Source	6.2 Miles	2019
				Total Dissolved Solids	Nonpoint/Point Source	6.2 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 10 (Conejo Creek (Hill Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)	40364000				
		CIMATIONO COREJO IN PROBE 1970 3030 list)		Chloride		3 Miles	2019
				Fecal Coliform	Nonpoint/Point Source	3 Miles	2006
				Sulfates	Nonpoint Source	3 Miles	2019
				Total Dissolved Solids	Nonpoint Source	3 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	40365000	Fecal Coliform		8.7 Miles	2006
				recai Comorm	Nonpoint/Point Source	8.7 Miles	2000

							,
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sulfates		8.7 Miles	2019
				Total Dissolved Solids	Nonpoint/Point Source	8.7 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)	40364000				
				Sulfates		5.5 Miles	2019
					Nonpoint/Point Source		
				Total Dissolved Solids		5.5 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	40368000				
		F		Chloride		17 Miles	2002
					Nonpoint/Point Source		
				Sulfates		17 Miles	2019
					Nonpoint/Point Source		
				Total Dissolved Solids		17 Miles	2019
					Nonpoint/Point Source		
4	R	Canada Larga (Ventura River Watershed)	40210010	Fecal Coliform Horse stables land use cattle	e, and wildlife may be sources.	8 Miles	2019
				Low Dissolved Oxygen	Nonpoint Source	8 Miles	2019
					Nonpoint Source	3 Miles	

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	Carbon Beach	40416000				
				DDT		1.5 Miles	2019
				Fish consumption advisory fo			
					Nonpoint Source		
				PCBs (Polychlorinated biphen		1.5 Miles	2019
				Fish consumption advisory fo			
					Nonpoint Source		
4	C	Castlerock Beach	40513000				
				DDT		0.21 Miles	2019
				Fish Consumption Advisory fo	or DDT.		
					Nonpoint Source		
				PCBs (Polychlorinated biphen	yls)	0.21 Miles	2019
				Fish Consumption Advisory fo	or PCBs.		
					Nonpoint Source		
4	В	Channel Islands Harbor	40311000				
				Lead (sediment)		209 Acres	2019
					Nonpoint Source		
				Zinc (sediment)	•	209 Acres	2019
					Nonpoint Source		
					Nonpoint Source		
4	C	Channel Islands Harbor Beach	40311000				
				Indicator bacteria		0.08 Miles	2019
					Nonpoint/Point Source		
4	Т	Colorado Lagoon	40512000				
		8		Chlordane (tissue & sediment)		13 Acres	2019
					Nonpoint Source		
				DDT (tissue)	1.02.00.00	13 Acres	2019
				DDI (USSUC)	Nonnaint Cour	13 Acres	2017
				D' 11 ' - (4')	Nonpoint Source	10. 1	2010
				Dieldrin (tissue)		13 Acres	2019
					Nonpoint Source		
				Lead (sediment)		13 Acres	2019
					Nonpoint Source		
				PAHs (Polycyclic Aromatic Hy	ydrocarbons) (sediment)	13 Acres	2019
					Nonpoint Source		
					-		

PCBs (Polychlorinated biphenyls) (tissue)	PROPOSED TMDL COMPLETION	ESTIMATED SIZE AFFECTED	POTENTIAL SOURCES	POLLUTANT/STRESSOR	CALWATER WATERSHED	IAME	NAME	ТҮРЕ	REGION
Sediment Toxicity	2019	13 Acres	nyls) (tissue)	PCBs (Polychlorinated bipher					
Nonpoint Source Zinc (sediment) Nonpoint Source Zinc (sediment) Nonpoint Source Nonpoint Source			Nonpoint Source						
Zinc (sediment)	2019	13 Acres		Sediment Toxicity					
Nonpoint Source A R Compton Creek 40515010 Colliform Bacteria Source Unknown Copper, Dissolved Nonpoint/Point Source Nonpoint/Point Source Nonpoint/Point Source Source Unknown 13 Miles Copper, Dissolved Nonpoint Source Nonpoint Source Nonpoint Source Source Unknown 13 Miles Nonpoint Source Nonpoint Source Source Unknown 13 Miles First Source Unknown PH 13 Miles Source Unknown Toxicity This listing was made by USEPA. Foint Source			Nonpoint Source						
A R Compton Creek	2019	13 Acres		Zinc (sediment)					
Coliform Bacteria Rompoint/Point Source Trash Source Unknown 4 R Coyote Creek 40515010 Coliform Bacteria Coliform Bacteria Source Unknown Copper, Dissolved Nonpoint/Point Source Copper, Dissolved Nonpoint Source Diazinon Nonpoint Source Diazinon Source Unknown pH 13 Miles Source Unknown pH 13 Miles Foint Source Unknown 14 Miles Source Unknown Toxicity This listing was made by USEPA. Point Source			Nonpoint Source						
Nonpoint/Point Source Trash Source Unknown 4 R Coyote Creek 40515010 Coliform Bacteria 13 Miles Nonpoint/Point Source Copper, Dissolved 13 Miles Nonpoint Source Diazinon Nonpoint Source Diazinon 13 Miles Source Unknown pH 13 Miles Source Unknown Toxicity This listing was made by USEPA. Point Source					40515010	Creek	Compton Creek	R	4
Trash Source Unknown Source Unknow	2009	8.5 Miles		Coliform Bacteria					
Trash Source Unknown Source Unknow			Nonpoint/Point Source						
4 R Coyote Creek 40515010 Coliform Bacteria 13 Miles Nonpoint/Point Source Copper, Dissolved 13 Miles Nonpoint Source Diazinon 13 Miles Source Unknown pH Source Unknown pH Source Unknown Toxicity This listing was made by USEPA. Point Source	2019	8.5 Miles	-	Trash					
4 R Coyote Creek 40515010 Coliform Bacteria 13 Miles Nonpoint/Point Source Copper, Dissolved 13 Miles Nonpoint Source Diazinon 13 Miles Source Unknown pH Source Unknown pH Source Unknown Toxicity This listing was made by USEPA. Point Source									
Coliform Bacteria Nonpoint/Point Source Copper, Dissolved Nonpoint Source Diazinon Source Unknown PH Source Unknown Toxicity This listing was made by USEPA. Point Source			Source Unknown						
Nonpoint/Point Source Copper, Dissolved 13 Miles Nonpoint Source Diazinon 13 Miles Source Unknown pH Source Unknown Toxicity Source Unknown Toxicity 13 Miles This listing was made by USEPA. Point Source	2010	42.350		G Wa . D I	40515010	eek	Coyote Creek	R	4
Copper, Dissolved Nonpoint Source Diazinon Source Unknown pH Source Unknown Toxicity Toxicity This listing was made by USEPA. Point Source	2019	13 Miles		Coliform Bacteria					
Nonpoint Source Diazinon 13 Miles Source Unknown pH 13 Miles Source Unknown Toxicity 13 Miles This listing was made by USEPA. Point Source			Nonpoint/Point Source						
Diazinon 13 Miles Source Unknown pH 13 Miles Source Unknown Toxicity 13 Miles This listing was made by USEPA. Point Source	2006	13 Miles		Copper, Dissolved					
Diazinon 13 Miles Source Unknown pH 13 Miles Source Unknown Toxicity 13 Miles This listing was made by USEPA. Point Source			N 1.0						
Source Unknown pH Source Unknown Source Unknown Toxicity Toxicity This listing was made by USEPA. Point Source	2019	12 Miles	Nonpoint Source	Diaginan					
Point Source Source Unknown Toxicity This listing was made by USEPA. Point Source	2019	13 Willes		Diazinon					
Source Unknown Toxicity This listing was made by USEPA. Point Source			Source Unknown						
Toxicity This listing was made by USEPA. Point Source	2019	13 Miles		pН					
Toxicity This listing was made by USEPA. Point Source			G W. I						
This listing was made by USEPA. Point Source	2007	13 Miles	Source Unknown	Toxicity					
Point Source	2007	15 Miles	EPA.	•					
4 7 6 4 7 7				·					
4 L Crystal Lake 40543000					40543000	ke	Crystal Lake	L	4
Organic Enrichment/Low Dissolved Oxygen 3.7 Acres	2019	3.7 Acres	solved Oxygen	Organic Enrichment/Low Dis					
Nonpoint Source			Nonpoint Source						

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Dominguez Channel (lined portion above Vermont Ave)	40351000				
				Ammonia		6.7 Miles	2019
				Copper	Nonpoint/Point Source	6.7 Miles	2019
				Dieldrin (tissue)	Nonpoint/Point Source	6.7 Miles	2019
				Indicator bacteria	Nonpoint/Point Source	6.7 Miles	2007
				Lead (tissue)	Nonpoint/Point Source	6.7 Miles	2019
				Sediment Toxicity	Nonpoint/Point Source	6.7 Miles	2019
				Zinc (sediment)	Source Unknown	6.7 Miles	2019
					Nonpoint/Point Source		
4	E	Dominguez Channel Estuary (unlined portion below Vermont Ave)	40512000				
				Ammonia		140 Acres	2019
				Benthic Community Effects	Nonpoint/Point Source	140 Acres	2019
				Benzo(a)pyrene (PAHs)	Nonpoint/Point Source	140 Acres	2019
				Benzo[a]anthracene	Source Unknown	140 Acres	2019
					Source Unknown		
				Page 105 of 226			

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Chlordane (tissue)		140 Acres	2019
			Chrysene (C1-C4)	Nonpoint/Point Source	140 Acres	2019
			Coliform Bacteria	Source Unknown	140 Acres	2007
			DDT (tissue & sediment)	Nonpoint/Point Source	140 Acres	2019
			Dieldrin (tissue)	Nonpoint/Point Source	140 Acres	2019
			Lead (tissue)	Nonpoint/Point Source	140 Acres	2019
			PCBs (Polychlorinated bipher	Nonpoint/Point Source nyls)	140 Acres	2019
			Phenanthrene	Source Unknown	140 Acres	2019
			Pyrene	Source Unknown	140 Acres	2019
			Zinc (sediment)	Source Unknown	140 Acres	2019
				Nonpoint/Point Source		
4 R Di	ry Canyon Creek	40521000	Fecal Coliform		3.9 Miles	2009
				Urban Runoff/Storm Sewers Natural Sources		

			CALWATER		DOWNER AT	SWRCB APPROVAL DAT	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	COMPLETION
4	L	Echo Park Lake	40515010				_
				Algae		13 Acres	2019
					Nonpoint Source		
				Ammonia	•	13 Acres	2019
				Copper	Nonpoint Source	13 Acres	2019
				Copper		13 Acres	2019
					Nonpoint Source		
				Eutrophic		13 Acres	2019
					Nonpoint Source		
				Lead	K 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13 Acres	2019
				Odor	Nonpoint Source	13 Acres	2010
				Odor		13 Acres	2019
					Nonpoint Source		
				PCBs (Polychlorinated bipher	nyls) (tissue)	13 Acres	2019
					Nonpoint Source		
				рН	K 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13 Acres	2019
				Trash	Nonpoint Source	13 Acres	2007
				11 asii		13 Acres	2007
					Source Unknown		
4	L	El Dorado Lakes	40515010				
				Algae		35 Acres	2019
					Nonpoint Source		
				Ammonia	N	35 Acres	2019
				Copper	Nonpoint Source	35 Acres	2019
				Соррег	Nonpoint Source	33 Acres	2017
					pomi bource		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Eutrophic		35 Acres	2019
					Nonpoint Source		
				Lead		35 Acres	2019
					Nonpoint Source		
				Mercury (tissue)		35 Acres	2019
					Nonpoint Source		
				pН		35 Acres	2019
					Nonpoint Source		
4	L	Elizabeth Lake	40351000				
				Eutrophic		123 Acres	2019
					Nonpoint Source		
				Organic Enrichment/Low Dis	ssolved Oxygen	123 Acres	2019
					Nonpoint Source		
				pН		123 Acres	2019
					Nonpoint Source		
				Trash		123 Acres	2019
					Nonpoint Source		
4	C	Escondido Beach	40434000				
				DDT		1.2 Miles	2019
				Fish consumption advisory fo	or DDT. Nonpoint Source		
				PCBs (Polychlorinated bipher	=	1.2 Miles	2019
				Fish consumption advisory for		1.2 WHCS	2017
				1	Nonpoint Source		
4	С	Flat Rock Point Beach Area	40511000				
	-			DDT		0.11 Miles	2019
				Fish Consumption Advisory j			
					Nonpoint Source		
				PCBs (Polychlorinated bipher		0.11 Miles	2019
				Fish Consumption Advisory j	Nonpoint Source		
					Monpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Fox Barranca (tributary to Calleguas Creek	40362000				
		Reach 6)		Boron		6.7 Miles	2019
				Doron		or mics	2017
					Nonpoint Source		
				Sulfates		6.7 Miles	2019
					Nonpoint Source		
				Total Dissolved Solids		6.7 Miles	2019
					Nonpoint Source		
4	C	Hobie Beach (Channel Islands Harbor)	40311000	T. P. A. B. A. I		0.07.389	2010
				Indicator bacteria	Nonpoint/Point Source	0.06 Miles	2019
					Nonpoint/Point Source		
4	R	Hopper Creek	40341000	Sulfates		13 Miles	2019
					Nonpoint/Point Source	10 1/1105	
				Total Dissolved Solids	•	13 Miles	2019
					Nonpoint/Point Source		
4	C	Inspiration Point Beach	40511000				
				DDT		0.14 Miles	2019
				Fish Consumption Advisory fo	or DDT. Nonpoint Source		
				PCBs (Polychlorinated biphen	-	0.14 Miles	2019
				Fish Consumption Advisroy fo	• •		
					Nonpoint Source		
4	C	La Costa Beach	40416000				
				DDT	on DDT	0.74 Miles	2019
				Fish Consumption Advisory fo	Nonpoint Source		
				PCBs (Polychlorinated biphen	-	0.74 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	Lake Calabasas	40521000				
				Ammonia		18 Acres	2006
					Nonpoint Source		
				DDT (tissue)		18 Acres	2019
					Nonpoint Source		
				Eutrophic		18 Acres	2019
					Nonpoint Source		
				Odor		18 Acres	2019
					Nonpoint Source		
				Organic Enrichment/Low Dis	ssolved Oxygen	18 Acres	2019
					Nonpoint Source		
				pН		18 Acres	2019
					Nonpoint Source		
4	L	Lake Hughes	40351000				
				Algae		21 Acres	2019
					Nonpoint Source		
				Eutrophic		21 Acres	2019
					Nonpoint Source		
				Fish Kills		21 Acres	2019
					Nonpoint Source		
				Odor		21 Acres	2019
					Nonpoint Source		
				Trash		21 Acres	2019
					Nonpoint Source		
4	L	Lake Lindero	40423000				
4	L	Lant Lilluti	40423000	Algae		15 Acres	2006
				G			
					Nonpoint Source		
				Chloride		15 Acres	2019
					Nonpoint Source		

		CALWATER		DOTENTIAL	ECTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	COMPLETION
			Eutrophic		15 Acres	2006
			0.1	Nonpoint Source	17. 1	2007
			Odor		15 Acres	2006
				Nonpoint Source		
			Selenium		15 Acres	2019
			G	Source Unknown	15 4	2010
			Specific Conductivity		15 Acres	2019
				Nonpoint Source		
			Trash		15 Acres	2019
				N		
				Nonpoint Source		
4 L Lak	se Sherwood	40426000	Algae		135 Acres	2006
			Algae	Nonpoint Source	135 Acres	2000
			Ammonia	Nonpoint Source	135 Acres	2006
				Nonpoint Source	100 110105	2000
			Eutrophic	•	135 Acres	2006
				Nonpoint Source		
			Mercury (tissue)		135 Acres	2019
				Nonpoint Source		
			Organic Enrichment/Low Diss	solved Oxygen	135 Acres	2006
				Nonpoint Source		
4 C Las	Flores Beach	40415000				
			DDT	D.D.W.	1.1 Miles	2019
			Fish Consumption Advisory fo	Nonpoint Source		
			PCBs (Polychlorinated biphen	=	1.1 Miles	2019
			Fish Consumption Advisory fo			
				Nonpoint Source		

REGION TYPE	. NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4 C	Las Tunas Beach	40412000	DDT Fish Consumption Advisory for	or DDT.	1.2 Miles	2019
			PCBs (Polychlorinated biphen Fish Consumption Advisory for		1.2 Miles	2019
4 R	Las Virgenes Creek	40422010	Nutrients (Algae)		12 Miles	2006
			Organic Enrichment/Low Diss	Nonpoint Source solved Oxygen	12 Miles	2006
			Scum/Foam-unnatural	Nonpoint Source	12 Miles	2006
			Sedimentation/Siltation	Nonpoint Source	12 Miles	2019
			Selenium	Source Unknown	12 Miles	2019
			Trash	Nonpoint Source	12 Miles	2019
				Nonpoint Source		
4 L	Legg Lake	40531000	Ammonia	Nonpoint Source	25 Acres	2019
			Copper		25 Acres	2019
			Lead	Nonpoint Source	25 Acres	2019
			Odor	Nonpoint Source	25 Acres	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				pН		25 Acres	2019
				Trash	Nonpoint Source	25 Acres	2019
4	4 L	Lincoln Park Lake	40515010	Ammonia		3.8 Acres	2019
				Eutrophic	Nonpoint Source	3.8 Acres	2019
				Lead	Nonpoint Source	3.8 Acres	2019
				Odor	Nonpoint Source	3.8 Acres	2019
				Organic Enrichment/Low Dis	Nonpoint Source ssolved Oxygen	3.8 Acres	2019
				Trash	Nonpoint Source	3.8 Acres	2007
					Source Unknown		
4	R	Lindero Creek Reach 1	40423000	Algae		3 Miles	2006
				Scum/Foam-unnatural	Nonpoint Source	3 Miles	2006
				Selenium	Nonpoint Source	3 Miles	2019
				Trash	Nonpoint Source	3 Miles	2019
					Nonpoint Source		

REGION	ТУРБ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL
REGION				1 OLDUTANI/STRESSOR	SUURCES	SIZE AFFECTED	COMPLETION
4	R	Lindero Creek Reach 2 (Above Lake)	40425000	Algae		4.5 Miles	2006
				Scum/Foam-unnatural	Nonpoint Source	4.5 Miles	2006
				Selenium	Nonpoint Source	4.5 Miles	2019
				Trash	Nonpoint Source	4.5 Miles	2010
				1 rasn	Nonpoint Source	4.5 Miles	2019
4	С	Long Point Beach	40511000	DDT	ow DDT	0.7 Miles	2019
				Fish Consumption Advisory f PCBs (Polychlorinated bipher Fish Consumption Advisory f	Nonpoint Source	0.7 Miles	2019
4	В	Los Angeles Harbor - Cabrillo Marina	40512000	DDT		77 Acres	2019
				PCBs (Polychlorinated bipher	Source Unknown	77 Acres	2019
					Source Unknown		
4	В	Los Angeles Harbor - Consolidated Slip	40512000	Benthic Community Effects		36 Acres	2019
				Cadmium (sediment)	Nonpoint Source	36 Acres	2019
				Historical use of pesticides a	nd lubricants, stormwater runoff, aerial Nonpoint Source	deposition, and historical discha	arges for metals.

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Chlordane (tissue & sediment)		36 Acres	2019
			Chromium (sediment)	Nonpoint Source	36 Acres	2019
			Copper (sediment)	Nonpoint Source	36 Acres	2019
			DDT (tissue & sediment) Fish Consumption Advisory for		36 Acres	2019
			Dieldrin	Nonpoint Source	36 Acres	2019
			Lead (sediment)	Nonpoint Source	36 Acres	2019
			Mercury (sediment) Historical use of pesticides and	Nonpoint Source d lubricants, stormwater runoff, aerial deposit Nonpoint Source	36 Acres tion, and historical discha	2019 arges for metals.
			PCBs (Polychlorinated bipheny Fish Consumption Advisory for		36 Acres	2019
			Sediment Toxicity		36 Acres	2019
			Toxaphene (tissue)	Nonpoint Source	36 Acres	2019
			Zinc (sediment) Historical use of pesticides and	Nonpoint Source d lubricants, stormwater runoff, aerial deposit Nonpoint Source	36 Acres	2019 arges for metals.

						SWKCD APPROVAL DAT	
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	В	Los Angeles Harbor - Fish Harbor	40518000	Benzo[a]anthracene		91 Acres	2019
				Chlordane	Source Unknown	91 Acres	2019
				Chrysene (C1-C4)	Source Unknown	91 Acres	2019
				Copper	Source Unknown	91 Acres	2019
				DDT	Source Unknown	91 Acres	2019
				Dibenz[a,h]anthracene	Nonpoint Source	91 Acres	2019
				Lead	Source Unknown	91 Acres	2019
				Mercury	Source Unknown	91 Acres	2019
				PAHs (Polycyclic Aromatic H	Source Unknown ydrocarbons)	91 Acres	2019
				PCBs (Polychlorinated bipher	Nonpoint Source	91 Acres	2019
				Phenanthrene	Nonpoint Source	91 Acres	2019
				Pyrene	Source Unknown	91 Acres	2019
					Source Unknown		

SWRCB APPROVAL DATE: OCTOBER 25, 2006

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
				Sediment Toxicity		91 Acres	2019
					Course Unknown		
				Zinc	Source Unknown	91 Acres	2019
				ZIIIC		91 Acres	2019
					Source Unknown		
4	В	Los Angeles Harbor - Inner Cabrillo Beach	40512000				
		Area		C		92	2010
				Copper		82 Acres	2019
					Source Unknown		
				DDT		82 Acres	2019
				Fish consumption advisory for	r DDT.		
					Nonpoint Source		
				PCBs (Polychlorinated biphen		82 Acres	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
4	E	Los Angeles River Estuary (Queensway Bay)	40512000				
				Chlordane (sediment)		207 Acres	2019
				Historical use of pesticides an			
					Nonpoint Source		
				DDT (sediment)		207 Acres	2019
				Historical use of pesticides an	Nonpoint Source		
				Lead (sediment)	Nonpoint Source	207 Acres	2019
				Historical use of pesticides an	d lubricants	207 Acres	2017
					Nonpoint Source		
				PCBs (Polychlorinated biphen	yls) (sediment)	207 Acres	2019
				Historical use of pesticides an			
					Nonpoint Source		
				Sediment Toxicity		207 Acres	2019
					Course Unknown		
				Torack	Source Unknown	207 4	2007
				Trash		207 Acres	2007
					G		

Source Unknown

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc (sediment)		207 Acres	2019
				Historical use of pesticides a			
					Nonpoint Source		
4	R	Los Angeles River Reach 1 (Estuary to Carson Street)	40512000				
				Coliform Bacteria		3.4 Miles	2009
					Nonpoint/Point Source		
				Cyanide		3.4 Miles	2019
					Source Unknown		
				Diazinon		3.4 Miles	2019
				Trash	Source Unknown	3.4 Miles	2007
					Nonpoint/Point Source		
4	R	Los Angeles River Reach 2 (Carson to	40515010				
		Figueroa Street)		Coliform Bacteria		19 Miles	2009
					Nonpoint/Point Source		
				Oil		19 Miles	2019
					Nonpoint Source		
				Trash		19 Miles	2007
					Nonpoint/Point Source		
4	R	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	40521000				
		MITOLORIU DI.)		Trash		7.9 Miles	2007
					Source Unknown		

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	40521000				
		to Sepurveda Daini)		Coliform Bacteria		11 Miles	2009
					N		
				Trash	Nonpoint/Point Source	11 Miles	2007
					Source Unknown		
4	R	Los Angeles River Reach 5 (within Sepulveda Basin)	40521000				
		•		Oil		1.9 Miles	2019
					Nonpoint/Point Source		
				Trash		1.9 Miles	2007
					Nonpoint/Point Source		
4	D	Yan Alan Biran Bara (Alan	40531000		Nonpoint/Foint Source		
4	R	Los Angeles River Reach 6 (Above Sepulveda Flood Control Basin)	40521000				
				1,1-Dichloroethane (1,1-DCE)	•	7 Miles	2019
				Coliform Bacteria	Nonpoint Source	7 Miles	2009
					Nonpoint Source	, ivines	2003
				Tetrachloroethylene/PCE		7 Miles	2019
					Nonpoint Source		
				Trichloroethylene/TCE	Nonpoint Source	7 Miles	2019
4	D	Y A L T T D L T T T L	40510000		Nonpoint Source		
4	В	Los Angeles/Long Beach Inner Harbor	40518000	Beach Closures		3003 Acres	2004
					N		
				Benthic Community Effects	Nonpoint/Point Source	3003 Acres	2019
				Zename Community Enrects		2002 120105	2029
				DDT	Nonpoint Source	2002 . 4	2010
				DDT ·		3003 Acres	2019
					Nonpoint/Point Source		
				Page 119 of 236			

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			GAT TYLL MANY		DOMESTIC: -	ECENTALEDAT	
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated biphen	yls)	3003 Acres	2019
					Nonpoint/Point Source		
				Sediment Toxicity	-	3003 Acres	2019
				•	Nonpoint/Point Source		
4	В	Los Angeles/Long Beach Outer Harbor (inside breakwater)	40512000				
		(mside breakwater)		DDT		4042 Acres	2019
					Nonpoint Source		
				PCBs (Polychlorinated biphen	_	4042 Acres	2019
					Nonpoint Source		
4	Т	Los Cerritos Channel	40515010				
				Ammonia		31 Acres	2019
					Nonpoint Source		
				Bis(2ethylhexyl)phthalate/DEl	HP	31 Acres	2019
					Source Unknown		
				Chlordane (sediment)		31 Acres	2019
					Source Unknown		
				Coliform Bacteria		31 Acres	2019
					Nonpoint Source		
				Copper		31 Acres	2019
					Nonpoint Source		
				Lead		31 Acres	2019
					Nonpoint Source		
				Trash		31 Acres	2019
					Source Unknown		

REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Zinc		31 Acres	2019
				Nonpoint Source		
				Nonpoint Source		
4 L	Machado Lake (Harbor Park Lake)	40512000	A1		45 A	2019
			Algae	N G	45 Acres	2019
			A	Nonpoint Source	45 A	2010
			Ammonia	N	45 Acres	2019
				Nonpoint Source	45 . 4	2010
			ChemA (tissue) Historical use of pesticides a	and lubricants	45 Acres	2019
			Historicai use of pesticiaes a	Nonpoint Source		
			Chlordane (tissue)	- 13- - 3-3	45 Acres	2019
			Fish Consumption Advisory.			
				Nonpoint Source		
			DDT (tissue)		45 Acres	2019
			Fish Consumption Advisory.			
				Nonpoint Source		
			Dieldrin (tissue)		45 Acres	2019
				Nonpoint Source		
			Eutrophic		45 Acres	2019
				Nonpoint Source		
			Odor		45 Acres	2019
				Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (tissue)	45 Acres	2019
				Nonpoint Source		
			Trash		45 Acres	2019
				Nonpoint Source		
4 C	Malaga Cove Beach	40511000				
			DDT		0.39 Miles	2019
			Fish Consumption Advisory j			
				Nonpoint Source		
			PCBs (Polychlorinated bipher		0.39 Miles	2019
			Fish Consumption Advisory j	Nonpoint Source		
				Nonpoint Source		

			CALLY CONTRACTOR		DOMESTIC		DDODOCED TABL
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	Malibou Lake	40424000		5001025	~	COM LLTON
				Algae		40 Acres	2006
					Nonpoint Source		
				Eutrophic		40 Acres	2006
					Nonpoint Source		
				Organic Enrichment/Low Dis	solved Oxygen	40 Acres	2006
					Nonpoint Source		
4	C	Malibu Beach	40421000				
•	C	Manbu Beach	40421000	DDT		0.77 Miles	2019
				Fish Consumption Advisory f	for DDT.		
					Nonpoint Source		
4	R	Malibu Creek	40421000				
				Fish Barriers (Fish Passage)		11 Miles	2019
					Design Construction		
				N-4-:4- (Al)	Dam Construction	11 Miles	2007
				Nutrients (Algae)		11 Miles	2006
					Nonpoint/Point Source		
				Scum/Foam-unnatural		11 Miles	2006
					Nonpoint/Point Source		
				Sedimentation/Siltation		11 Miles	2019
					Source Unknown		
				Selenium		11 Miles	2019
					Source Unknown		
				Sulfates		11 Miles	2019
					C III		
				Trash	Source Unknown	11 Miles	2019
				1 FASA		11 Milles	2019
					Nonpoint Source		
					-		

REGION	TVPF	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL
				TOLLUTANI/STRESSOR	SUURCES	SIZE AFFECTED	COMPLETION
4	E	Malibu Lagoon	40421000	Benthic Community Effects		15 Acres	2019
				Eutrophic	Nonpoint/Point Source	15 Acres	2006
				pH Possible sources might be sept	Nonpoint/Point Source ic systems, storm drains, and birds. Source Unknown	15 Acres	2006
				Shellfish Harvesting Advisory	Source Chanown	15 Acres	2005
				Swimming Restrictions	Nonpoint/Point Source	15 Acres	2005
				Viruses (enteric)	Nonpoint/Point Source	15 Acres	2005
					Nonpoint/Point Source		
4	С	Malibu Lagoon Beach (Surfrider)	40421000	DDT Fish Consumption Advisory fo		1 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory fo		1 Miles	2019
4	R	Matilija Creek Reach 1 (Jct. With N. Fork to Reservoir)	40220012	Fish Barriers (Fish Passage)	Dam Construction	0.63 Miles	2019
4	R	Matilija Creek Reach 2 (Above Reservoir)	40220010	Fish Barriers (Fish Passage)	Dam Construction	15 Miles	2019

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	Matilija Reservoir	40220012				
				Fish Barriers (Fish Passage)		121 Acres	2019
					Dam Construction		
4	R	McCoy Canyon Creek	40521000				
•	IX.	viceoy canyon creek	40321000	Fecal Coliform		4 Miles	2009
					Nonpoint Source		
				Nitrate		4 Miles	2019
					Nonpoint Source		
				Nitrogen, Nitrate		4 Miles	2019
					Urban Runoff/Storm Sewers		
					Natural Sources		
4	L	McGrath Lake	40311000				
				Chlordane (sediment)		20 Acres	2019
					Nonpoint Source		
				DDT (sediment)		20 Acres	2019
					Nonpoint Source		
				Dieldrin (sediment)		20 Acres	2019
				Historical use of pesticides an	d lubricants, storm water runoff/aerial de	position from agricultural fiel	ds.
					Nonpoint Source		
				Fecal Coliform		20 Acres	2019
					Agriculture		
					Landfills		
					Natural Sources		
				PCBs (Polychlorinated biphen	yls) (sediment)	20 Acres	2019
				Historical use of pesticides an	d lubricants, storm water runoff/aerial dep Nonpoint Source	position from agricultural field	ds.
				Sediment Toxicity		20 Acres	2019
					Nonpoint Source		
					•		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION			WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
4	R	Medea Creek Reach 1 (Lake to Confl. with Lindero)	40424000				
		,		Algae		2.6 Miles	2006
					N		
				Sedimentation/Siltation	Nonpoint Source	2.6 Miles	2019
				Scumentation/Sittation		2.0 Wines	2017
					Source Unknown		
				Selenium		2.6 Miles	2019
					Nonpoint Source		
				Trash	•	2.6 Miles	2019
					N G		
					Nonpoint Source		
4	R	Medea Creek Reach 2 (Abv Confl. with Lindero)	40423000				
		,		Algae		5.4 Miles	2006
					Nonpoint Source		
				Sedimentation/Siltation	Nonpoint Source	5.4 Miles	2019
					Source Unknown		
				Selenium		5.4 Miles	2019
					Nonpoint Source		
				Trash		5.4 Miles	2019
					Nonpoint Source		
	_	W. G. G. I.D. I.I.G. B.	40254000		Nonpoint Source		
4	R	Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)	40351000				
				Nitrate and Nitrite		8.1 Miles	2004
					Nonpoint Source		
4	T	Myng Lake	40251000				
4	L	Munz Lake	40351000	Eutrophic		6.6 Acres	2019
				-	Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trash		6.6 Acres	2019
					Nonpoint Source		
4	C	Nicholas Canyon Beach	40444000				
				DDT		1.7 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
				PCBs (Polychlorinated biphen		1.7 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
4	C	Palo Verde Shoreline Park Beach	40511000				
				Pesticides		0.24 Miles	2019
					Source Unknown		
					Source Ulikhown		
4	C	Paradise Cove Beach	40435000				
				DDT		1.7 Miles	2019
				Fish consumption advisory for	r DDT. Nonpoint Source		
				DCD (D.I. II. t. (. III. I.	•	17 35	2010
				PCBs (Polychlorinated biphen Fish consumption advisory for		1.7 Miles	2019
				r isn consumption davisory joi	Nonpoint Source		
					Tonpoint Source		
4	L	Peck Road Park Lake	40531000	Chile de Carres		102	2010
				Chlordane (tissue)		103 Acres	2019
					Nonpoint Source		
				DDT (tissue)	Tronpoint Source	103 Acres	2019
				DDT (dissue)		100 Acres	2017
					Nonpoint Source		
				Lead	-	103 Acres	2019
					Nonpoint Source		
				Odor		103 Acres	2019
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Disc		103 Acres	2019
				Trash	Nonpoint Source	103 Acres	2007
					Nonpoint Source		
4	C	Peninsula Beach	40311000	Indicator bacteria Area affected is beach area n	orth of South Jetty. Nonpoint/Point Source	0.2 Miles	2003
4	R	Piru Creek (from gaging station below Santa Felicia Dam to headwaters)	40342000	Chloride	G V.	67 Miles	2019
				рН	Source Unknown	67 Miles	2019
					Nonpoint Source Conservation Discharge Releases		
4	C	Point Dume Beach	40435000	DDT Fish consumption advisory fo	r DDT. Nonpoint Source	2.5 Miles	2019
				PCBs (Polychlorinated biphen Fish consumtiion advisory for	yls)	2.5 Miles	2019
4	С	Point Fermin Park Beach	40512000	DDT Fish consumption advisory fo	r DDT. Nonpoint Source	1.6 Miles	2019
				PCBs (Polychlorinated biphen Fish consumption advisory fo	yls)	1.6 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Pole Creek (trib to Santa Clara River Reach	40331000				
		3)		Sulfates		9 Miles	2019
					Nonpoint Source		
				Total Dissolved Solids		9 Miles	2019
					Nonpoint Source		
4	В	Port Hueneme Harbor (Back Basins)	40311000				
				DDT (tissue)	N	65 Acres	2019
				PCBs (Polychlorinated bipher	Nonpoint Source	65 Acres	2019
				1 CDs (1 orycmormated orpher	Nonpoint Source	05 Acres	2017
4	С	Port Hueneme Pier	40311000				
•	C	1 of t Hueneme 1 lei	40311000	PCBs (Polychlorinated bipher	nyls)	0.33 Miles	2019
					Source Unknown		
4	C	Portuguese Bend Beach	40511000	DDT		1.4 Miles	2019
				Fish Consumption Advisory f	or DDT.	1.4 Wines	2017
					Nonpoint Source		
				PCBs (Polychlorinated bipher		1.4 Miles	2019
				Fish Consumption Advisory f	Nonpoint Source		
4	L	Puddingstone Reservoir	40552000				
				Chlordane (tissue)		243 Acres	2019
					Nonpoint Source		
				DDT (tissue)		243 Acres	2019
				36 (45)	Nonpoint Source	242	2010
				Mercury (tissue)	Nonpoint Source	243 Acres	2019
				Organic Enrichment/Low Dis	_	243 Acres	2019
				<u> </u>	Nonpoint Source		
				PCBs (Polychlorinated bipher	ayls) (tissue)	243 Acres	2019
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	С	Puerco Beach	40431000				
				DDT		0.5 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
				PCBs (Polychlorinated bipheny		0.5 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
4	C	Redondo Beach	40512000				
				DDT		1.5 Miles	2019
				Fish Consumption Advisory fo	r DDT.		
					Nonpoint Source		
				PCBs (Polychlorinated bipheny		1.5 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
4	C	Rincon Beach	40100010				
				Indicator bacteria		0.09 Miles	2003
				Area affected is 50 and 150 ya	ards south of mouth of Rincon Creek, and at Nonpoint/Point Source	the end of the footpath.	
4	R	Rio De Santa Clara/Oxnard Drain No. 3	40311000				
				ChemA (tissue)		1.9 Miles	2019
					Nonpoint Source		
				Chlordane (tissue)	•	1.9 Miles	2019
				0 (Nonpoint Source		
				DDT (tissue)	Nonpoint Source	1.9 Miles	2019
				DD1 (ussue)	N	1.9 Willes	2019
					Nonpoint Source		
				Nitrogen		1.9 Miles	2019
					Nonpoint Source		
				PCBs (Polychlorinated bipheny	yls) (tissue)	1.9 Miles	2019
					Nonpoint Source		
				Sediment Toxicity		1.9 Miles	2019
					Nonpoint Source		
				Toxaphene (tissue)	•	1.9 Miles	2019
				- Jauphene (ubbue)	Nonpoint Source	1.7 Miles	2017
					Nonpoint Source		

						SWRCB AFFROVAL DAT	E. OCTOBER 25, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	40515010	Coliform Bacteria		4.6 Miles	2009
					Nonpoint/Point Source		
				Trash		4.6 Miles	2002
					Nonpoint/Point Source		
4	R	Rio Hondo Reach 2 (At Spreading Grounds)	40515010	Coliform Bacteria		4.9 Miles	2009
					Nonpoint/Point Source		
4	С	Robert H. Meyer Memorial Beach	40441000	Beach Closures		1.2 Miles	2019
					Nonpoint Source		
				DDT	Tronpoint Source	1.2 Miles	2019
				Fish Consumption Advisory fo	r DDT. Nonpoint Source		
				PCBs (Polychlorinated biphen	yls)	1.2 Miles	2019
				Fish Consumption Advisory fo	PCBs. Nonpoint Source		
4	С	Royal Palms Beach	40511000				
		•		DDT	D.D.T.	1.1 Miles	2019
				Fish consumption advisory for	Nonpoint Source		
				PCBs (Polychlorinated biphen		1.1 Miles	2019
				Fish consumption advisory fo	PCBs. Nonpoint Source		
4	R	San Antonio Creek (Tributary to Ventura	40220023				
		River Reach 4)		Nitrogen		9.8 Miles	2019
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	San Gabriel River Reach 1 (Estuary to Firestone)	40515010				
		Trestoney		Coliform Bacteria		6.4 Miles	2019
					Nonpoint/Point Source		
				pH		6.4 Miles	2019
					Source Unknown		
4	R	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam	40515010				
		Winted Marrows Dain		Coliform Bacteria		12 Miles	2019
					Nonpoint/Point Source		
				Lead		12 Miles	2019
					Nonpoint/Point Source		
4	R	San Jose Creek Reach 1 (SG Confluence to	40531000				
		Temple St.)		Coliform Bacteria		2.7 Miles	2019
					Nonpoint/Point Source		
4	R	San Jose Creek Reach 2 (Temple to I-10 at	40531000				
		White Ave.)		Coliform Bacteria		17 Miles	2019
					N		
	D	G. D. L. D. N. (OPPGL 77	40512000		Nonpoint/Point Source		
4	В	San Pedro Bay Near/Off Shore Zones	40512000	Chlordane		8173 Acres	2019
					Source Unknown		
				Chromium (sediment)		8173 Acres	2019
					Nonpoint/Point Source		
				Copper (sediment)	-	8173 Acres	2019
					Nonpoint/Point Source		

DECION	TVDE	NAME	CALWATER	DOLL HTANT/CTDESCOP	POTENTIAL	ESTIMATED SIZE A FEE CTED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
				DDT (tissue & sediment)	° DD#	8173 Acres	2019
				Fish Consumption Advisory j			
				DAII- (Dalassalla Assessalla II	Nonpoint/Point Source	01772	2010
				PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	8173 Acres	2019
					Nonpoint/Point Source		
				PCBs (Polychlorinated bipher	nyls)	8173 Acres	2019
				Fish consumption advisory fo	or PCBs.		
					Nonpoint/Point Source		
				Sediment Toxicity		8173 Acres	2019
					Nonpoint/Point Source		
				Zinc (sediment)	•	8173 Acres	2019
					Nonpoint/Point Source		
4	E	Santa Clara River Estuary	40311000				
				ChemA		49 Acres	2019
					Source Unknown		
				Coliform Bacteria		49 Acres	2019
					Nonpoint Source		
				Toxaphene		49 Acres	2019
				-	Nonpoint Source		
			******		F		
4	R	Santa Clara River Reach 1 (Estuary to Hwy 101 Bridge)	40311000				
		ing for bridge)		Toxicity		10 Miles	2019
				·		20 1.21160	
					Source Unknown		
4	R	Santa Clara River Reach 3 (Freeman	40331000				
		Diversion to A Street)					
				Total Dissolved Solids		31 Miles	2019
					Nonpoint/Point Source		
					monpoint out source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Santa Clara River Reach 5 (Blue Cut gaging station to West Pier Hwy 99 Bridge) (was named Santa Clara River Reach 7 on 2002 303(d) list)	40351000	Coliform Bacteria		9.4 Miles	2019
					Nonpoint/Point Source		
4	R	Santa Clara River Reach 6 (W Pier Hwy 99 to Bouquet Cyn Rd) (was named Santa Clara River Reach 8 on 2002 303(d) list)	40351000				
				Chlorpyrifos		5.2 Miles	2019
				G. We	Source Unknown	52.350	2010
				Coliform Bacteria		5.2 Miles	2019
				Diazinon	Nonpoint/Point Source	5.2 Miles	2019
				Toxicity	Source Unknown	5,2 Miles	2019
				Tolking	Source Unknown	512 Mates	2020
4	R	Santa Clara River Reach 7 (Bouquet Canyon Rd to above Lang Gaging Station) (was named Santa Clara River Reach 9 on	40351000				
		2002 303(d) list)		Coliform Bacteria		21 Miles	2019
					Nonpoint/Point Source		
4	R	Santa Clara River Reach 11 (Piru Creek, from confluence with Santa Clara River Reach 4 to gaging station below Santa Felicia Dam)	40341000				
	F			Boron		6.2 Miles	2019
					Source Unknown		

SWRCB APPROVAL DATE: OCTOBER 25, 2006

						SWKCD APPROVAL DAT	
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sulfates		6.2 Miles	2019
					Source Unknown		
4	L	Santa Fe Dam Park Lake	40531000				
-	_	202000	10001000	Copper		20 Acres	2019
					Nonpoint Source		
				Lead		20 Acres	2019
					Nonpoint Source		
				pН	N	20 Acres	2019
					Nonpoint Source		
4	В	Santa Monica Bay Offshore/Nearshore	40513000	DDT (tissue & sediment)		146645 Acres	2019
				Centered on Palos Verdes She	lf.	140043 Acres	2017
					Nonpoint/Point Source		
				Debris		146645 Acres	2019
					Nonpoint/Point Source		
				Fish Consumption Advisory	•	146645 Acres	2019
					N		
				PCBs (Polychlorinated bipheny	Nonpoint/Point Source	146645 Acres	2019
				1 CDs (1 drycmormated bipmeny	(is) (tissue & seminent)	140043 Acres	2019
					Nonpoint/Point Source		
				Sediment Toxicity		146645 Acres	2019
					Nonpoint/Point Source		
4	R	Santa Monica Canyon	40513000				
		·		Lead		2.7 Miles	2019
					Nonpoint Source		
					Nonpoint Source		
4	R	Sawpit Creek	40531000	Bis(2ethylhexyl)phthalate/DEH	IP	3.9 Miles	2019
				Dis(2cm/mea/1/phimalatt/DEH		3.7 Miles	2017

Source Unknown

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Fecal Coliform		3.9 Miles	2019
					Source Unknown		
4	С	Sea Level Beach	40441000	DDT Fish Consumption Advisory f	for DDT.	0.21 Miles	2019
				PCBs (Polychlorinated bipher Fish Consumption Advisory f		0.21 Miles	2019
4	R	Sepulveda Canyon	405.13	Ammonia		0.83 Miles	2019
				Indicator bacteria	Nonpoint Source	0.83 Miles	2002
				Lead	Nonpoint Source	0.83 Miles	2019
					Nonpoint Source		
4	R	Sespe Creek (from 500 ft below confluence with Little Sespe Cr to headwaters)	40332020	Chloride		54 Miles	2019
				Chronice		34 Miles	2019
				рН	Nonpoint Source	54 Miles	2019
					Nonpoint Source		
4	С	Topanga Beach	40413000	DDT Fish Consumption Advisory		2.5 Miles	2019
				PCBs (Polychlorinated bipher Fish Consumption Advisory f		2.5 Miles	2019

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE		WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
4	R	Topanga Canyon Creek	40411000	Lead	Nonpoint Source	8.6 Miles	2019
4	R	Torrance Carson Channel	40512000	Coliform Bacteria	Name in the Comme	3.4 Miles	2007
				Copper	Nonpoint Source Nonpoint Source	3.4 Miles	2019
				Lead	Nonpoint Source	3.4 Miles	2019
4	С	Trancas Beach (Broad Beach)	40437000	DDT Fish Consumption Advisory f	for DDT.	1.7 Miles	2019
				PCBs (Polychlorinated bipher Fish Consumption Advisory f		1.7 Miles	2019
4	R	Triunfo Canyon Creek Reach 1	40424000	Lead	Nonpoint Source	2.5 Miles	2019
				Mercury	Nonpoint Source	2.5 Miles	2019
				Sedimentation/Siltation	Source Unknown	2.5 Miles	2019
4	R	Triunfo Canyon Creek Reach 2	40424000	Lead		3.3 Miles	2019
				Mercury	Nonpoint Source	3.3 Miles	2019
				Sedimentation/Siltation	Nonpoint Source Source Unknown	3.3 Miles	2019

NAME ujunga Wash (LA River to Hansen Dam) entura Harbor: Ventura Keys	CALWATER WATERSHED 40521000 40311000	POLLUTANT/STRESSOR Coliform Bacteria Coliform Bacteria	POTENTIAL SOURCES Nonpoint Source Nonpoint Source	ESTIMATED SIZE AFFECTED 9.7 Miles 9.7 Miles	PROPOSED TMDL COMPLETION 2009 2019
entura Harbor: Ventura Keys		Trash			
	40311000			9.7 Miles	2019
	40311000	Coliform Bacteria	Nonpoint Source		
	40311000	Coliform Bacteria			
		Comornia Ductoriu	N 146	179 Acres	2019
			Nonpoint Source		
entura Marina Jetties	40311000	DDT		0.69 Miles	2019
		PCBs (Polychlorinated bipheny	Source Unknown yls)	0.69 Miles	2019
			Source Unknown		
entura River Estuary	40210011	Algae		0.2 Miles	2019
		Eutrophic	Nonpoint/Point Source	0.2 Miles	2019
		Total Coliform Stables and horse property ma	ty be the sources.	0.2 Miles	2019
		Trash	Nonpoint Source Nonpoint/Point Source	0.2 Miles	2019
	40210011				
entura River Reach 1 and 2 (Estuary to		Algae	Nannaint/Paint Saurce	4.5 Miles	2019
	ntura River Reach 1 and 2 (Estuary to Idon Canyon)	ntura River Reach 1 and 2 (Estuary to 40210011 Idon Canyon)	Total Coliform Stables and horse property ma Trash atura River Reach 1 and 2 (Estuary to 40210011 ddon Canyon)	Nonpoint/Point Source Total Coliform Stables and horse property may be the sources. Nonpoint Source Trash Nonpoint/Point Source stura River Reach 1 and 2 (Estuary to Idon Canyon) Nonpoint/Point Source	Nonpoint/Point Source Total Coliform Stables and horse property may be the sources. Nonpoint Source Trash Nonpoint/Point Source Nonpoint/Point Source Algae Algae Algae Nonpoint/Point Source 40210011 Algae Algae Algae Algae Algae

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Ventura River Reach 3 (Weldon Canyon to Confl. w/ Coyote Cr)	40210011				
				Pumping		2.8 Miles	2019
					Nonpoint Source		***
				Water Diversion	Nonpoint Source	2.8 Miles	2019
					Nonpoint Source		
4	R	Ventura River Reach 4 (Coyote Creek to Camino Cielo Rd)	40220021				
				Pumping		19 Miles	2019
				W. A. D' '	Nonpoint Source	10. 34%	2010
				Water Diversion	Nonpoint Source	19 Miles	2019
4	R	Verdugo Wash Reach 1 (LA River to	40521000		Nonpoint Source		
4	K	Verdugo Rd.)	40521000				
				Coliform Bacteria		2 Miles	2009
					Nonpoint Source		
				Trash		2 Miles	2002
					Nonpoint Source		
4	R	Verdugo Wash Reach 2 (Above Verdugo	40524000				
7	K	Road)	40324000				
				Coliform Bacteria		7.6 Miles	2009
					Nonpoint Source		
				Trash		7.6 Miles	2002
					Nonpoint Source		
4	R	Walnut Creek Wash (Drains from	40531000		-		
		Puddingstone Res)				12. 3.577	2007
				рН	Nonpoint/Point Source	12 Miles	2007
				Toxicity	ronpoint i out Source	12 Miles	2007
				•	Nonpoint/Point Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
4	L	Westlake Lake	40425000				
				Algae		119 Acres	2006
					Nonpoint Source		
				Ammonia		119 Acres	2006
				T (11	Nonpoint Source	110	2007
				Eutrophic	N G	119 Acres	2006
				T J	Nonpoint Source	110 4	2010
				Lead	N	119 Acres	2019
				Organic Enrichment/Low Dis	Nonpoint Source	110 A awas	2006
				Organic Enrichment/Low Dis	Nonpoint Source	119 Acres	2006
					Nonpoint Source		
4	R	Wheeler Canyon/Todd Barranca	40321000	C 16.4		10 361	2010
				Sulfates		10 Miles	2019
					Nonpoint Source		
				Total Dissolved Solids	-	10 Miles	2019
					Nonpoint Source		
4	C	Whites Point Beach	40511000				
				DDT		1.1 Miles	2019
				Fish Consumption Advisory f	or DDT. Nonpoint Source		
				PCBs (Polychlorinated bipher	-	1.1 Miles	2019
				Fish Consumption Advisory f		1.1 Willes	2017
					Nonpoint Source		
4	R	Wilmington Drain	40342000				
				Ammonia		0.56 Miles	2019
					Nonpoint Source		
				Coliform Bacteria		0.56 Miles	2007
					Nonpoint Source		
				Copper		0.56 Miles	2019
					Nonpoint Source		
				Lead		0.56 Miles	2019
					Nonpoint Source		
				Page 139 of 236			

						2	
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	Zuma Beach (Westward Beach)	40436000	DDT Fish Consumption Advisory f	ow DDT	1.6 Miles	2019
				PCBs (Polychlorinated biphen Fish Consumption Advisory for	Nonpoint Source	1.6 Miles	2019
					Nonpoint Source		
5	R	American River, Lower (Nimbus Dam to confluence with Sacramento River)	51921000				
				Mercury	an and about an ad unit an	27 Miles	2008
				All resource extraction source	Resource Extraction		
				Unknown Toxicity		27 Miles	2019
					Source Unknown		
5	R	American River, South Fork (below Slab	51432060				
		Creek Reservoir to Folsom Lake)		Mercury		37 Miles	2019
					Source Unknown		
5	R	Arcade Creek	51921000	Copper		9.9 Miles	2020
				Соррсі		7.7 WHICS	2020
					Urban Runoff/Storm Sewers		
5	R	Avena Drain	53140000				-0-0
				Ammonia	Agriculture	6.4 Miles	2020
					Dairies		
				Pathogens		6.4 Miles	2020
					Agriculture		
					Dairies		
5	R	Bear River, Lower (below Camp Far West Reservoir)	51510000				
		instituii)		Diazinon		21 Miles	2008
					Agriculture		
				Page 140 of 236			

					577210	,	E. OCTOBER 23, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Bear River, Upper	51633010	Mercury	Resource Extraction	10 Miles	2011
5	L	Berryessa, Lake	51221010	Mercury	Resource Extraction	19083 Acres	2015
5	L	Black Butte Reservoir	50432000	Mercury	Resource Extraction	4507 Acres	2015
5	R	Butte Slough	52030000	Diazinon		8.9 Miles	2008
					Crop-Related Sources		
5	R	Cache Creek, Lower (Clear Lake Dam to Cache Creek Settling Basin near Yolo Bypass)	51120000	Unknown Toxicity	Source Unknown	96 Miles	2019
5	R	Calaveras River, Lower	54400000	Diazinon		5.8 Miles	2006
				Organic Enrichment/Low Diss	Urban Runoff/Storm Sewers olved Oxygen	5.8 Miles	2008
				Pathogens	Urban Runoff/Storm Sewers	5.8 Miles	2008
					Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-bo	ating)	
5	L	Camanche Reservoir	53120000	Copper		7389 Acres	2020
					Resource Extraction		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc		7389 Acres	2020
					Resource Extraction		
5	L	Camp Far West Reservoir	51631013			1045	2011
				Mercury	Resource Extraction	1945 Acres	2011
5	R	Carson Creek (from WWTP to Deer Creek)	53222013		Resource Extraction		
5	K	Carson Creek (from w w 17 to Deer Creek)	55222015	Aluminum		12 Miles	2019
					Source Unknown		
				Manganese	Source Chanown	12 Miles	2019
					Source Unknown		
_					Source Chknown		
5	L	Clear Lake	51352000	Nutrients		40070 Acres	2006
					Source Unknown		
_					Source Chknown		
5	R	Clover Creek	50732000	Fecal Coliform		11 Miles	2012
					Agriculture-grazing		
					Other		
5	R	Colusa Basin Drain	52010000				
				Azinphos-methyl		49 Miles	2008
					Agriculture		
				Carbofuran		49 Miles	2008
					Agriculture		
				Diazinon		49 Miles	2008
					Agriculture		
				Group A Pesticides		49 Miles	2011
					Agriculture		

					5112	OZ III I II O VIIE DIII	E. OCTOBER 23, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Malathion		49 Miles	2008
				Methyl Parathion	Agriculture	49 Miles	2008
				Molinate/Ordram	Agriculture	49 Miles	2008
				Unknown Toxicity	Agriculture-irrigation tailwater	49 Miles	2019
					Agriculture		
5	L	Combie, Lake	51633011	Mercury All resource extraction source	es are abandoned mines. Resource Extraction	362 Acres	2011
5	R	Cosumnes River	53111000	Exotic Species This exotic species listing con Cosumnes River.	vers the entire watershed, i.e., the mainstem and t	53 Miles the North, Middle and So	2019 outh Forks of the
5	L	Davis Creek Reservoir	51332010	Mercury		163 Acres	2010
					Resource Extraction		
5	R	Deer Creek (Sacramento County)	53222012	Iron		12 Miles	2019
					Source Unknown		
5	R	Deer Creek (Yuba County)	51712014	рН	Internal Nutrient Cycling (primarily lakes)	4.3 Miles	2011

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Del Puerto Creek	54110000	Chlorpyrifos		6.5 Miles	2008
				Diazinon	Agriculture	6.5 Miles	2008
				2.11.11.1	Agriculture	VIC 1/11/05	2000
				Pyrethroids The pyrethroids of concern fo	r this listing are bifenthrin, lamdba cyhalothrir Source Unknown	6.5 Miles , efenvalerate/fedvalerate	2019 e, and permethrin.
5	E	Delta Waterways (central portion)	54400000	Chlorpyrifos		11425 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				DDT	CISAL RANGINGSON ESCUCES	11425 Acres	2011
				Diazinon	Agriculture	11425 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				Exotic Species		11425 Acres	2019
				Group A Pesticides	Source Unknown	11425 Acres	2011
				Mercury	Agriculture	11425 Acres	2006
				All resource extraction source	es are abandoned mines. Resource Extraction		
				Unknown Toxicity	Source Unknown	11425 Acres	2019

REGION	TVDE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL	ESTIMATED SIZE A FEECTED	PROPOSED TMDL
5		Delta Waterways (eastern portion)	54400000	TOLLUTANI/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
3	E	Dena waterways (eastern portion)	5440000	Chlorpyrifos		2972 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		2972 Acres	2011
					Agriculture		
				Diazinon		2972 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				Exotic Species		2972 Acres	2019
					Source Unknown		
				Group A Pesticides		2972 Acres	2011
					Agriculture		
				Mercury		2972 Acres	2006
				All resource extraction sources	s are abandoned mines. Resource Extraction		
				Unknown Toxicity		2972 Acres	2019
					Source Unknown		
5	E	Delta Waterways (export area)	54400000				
				Chlorpyrifos		583 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		583 Acres	2011
					Agriculture		
				Diazinon		583 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		

DECION TWO	NAME	CALWATER	DOLL HE AMEGED EGGO	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
			Electrical Conductivity		583 Acres	2019
				Agriculture		
			Exotic Species		583 Acres	2019
			•			
				Source Unknown		
			Group A Pesticides		583 Acres	2011
				A 14		
			Mercury	Agriculture	583 Acres	2006
			All resource extraction source	s are abandoned mines.	505 Acres	2000
			Julian De Grandon John Co.	Resource Extraction		
			Unknown Toxicity		583 Acres	2019
				Source Unknown		
5 E	Delta Waterways (northern portion)	51000000				
			Chlorpyrifos		6795 Acres	2019
				Agriculture		
				Urban Runoff/Storm Sewers		
			DDT		6795 Acres	2011
				Agriculture		
			Diazinon		6795 Acres	2019
				A curioultumo		
				Agriculture Urban Runoff/Storm Sewers		
			Exotic Species	Orban Kunon/Storm Sewers	6795 Acres	2019
			EAUGE Species		0/93 ACTES	2017
				Source Unknown		
			Group A Pesticides		6795 Acres	2011
				Agriculture	·	•000
			Mercury All resource extraction source.	s are abandoned mines	6795 Acres	2006
			Au resource extraction source.	Resource Extraction		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipher	nyls)	6795 Acres	2019
				Unknown Toxicity	Source Unknown	6795 Acres	2019
					Source Unknown		
5	E	Delta Waterways (northwestern portion)	51000000	Chlorpyrifos		2587 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				DDT		2587 Acres	2011
				Diazinon	Agriculture	2587 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				Electrical Conductivity	Croan Kunon/Storm Sewers	2587 Acres	2019
				Exotic Species	Agriculture	2587 Acres	2019
				Group A Pesticides	Source Unknown	2587 Acres	2011
				Mercury All resource extraction sourc	Agriculture es are abandoned mines.	2587 Acres	2006
				Unknown Toxicity	Resource Extraction	2587 Acres	2019
					Source Unknown		

						:
REGION TY	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5 E	Delta Waterways (southern portion)	54400000			_	
			Chlorpyrifos		3125 Acres	2019
				Agriculture		
				Urban Runoff/Storm Sewers		
			DDT		3125 Acres	2011
			Diazinon	Agriculture	3125 Acres	2019
			Diazinon		5125 Acres	2019
				Agriculture		
				Urban Runoff/Storm Sewers		
			Electrical Conductivity		3125 Acres	2019
				Agriculture		
			Exotic Species	•	3125 Acres	2019
			G AB (C)	Source Unknown	2125 1	2011
			Group A Pesticides		3125 Acres	2011
				Agriculture		
			Mercury		3125 Acres	2006
			All resource extraction source	ces are abandoned mines. Resource Extraction		
			Unknown Toxicity	Resource Extraction	3125 Acres	2019
			Charlet Toxicles		olac neres	2013
				Source Unknown		
5 E	Delta Waterways (Stockton Ship Channel)	54400000				
			Chlorpyrifos		1603 Acres	2006
				Agriculture		
				Urban Runoff/Storm Sewers		
			DDT		1603 Acres	2011
				Agriculture		

1603 Acres

2019

SWRCB APPROVAL DATE: OCTOBER 25, 2006 PROPOSED TMDL **CALWATER POTENTIAL ESTIMATED** REGION TYPE NAME POLLUTANT/STRESSOR WATERSHED **SOURCES** SIZE AFFECTED COMPLETION 2006 Diazinon 1603 Acres Agriculture **Urban Runoff/Storm Sewers** 1603 Acres 2019 Dioxin The areas of the ship channel impacted by dioxin contamination in sportfish encompass Old Mormon Slough, New Mormon Slough, McLeod Lake, Turning Basin, Morrelli Boat Ramp, and Louis Park Boat Ramp (California Department of Health Services 1998 warning). This listing was made by USEPA in 1998 and was under the Stockton Turning Basin, upper (Port Turning Basin) on previous lists. In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel). **Point Source** 1603 Acres **Exotic Species** 2019 Source Unknown 1603 Acres **Furan Compounds** 2019 This listing was previously under Stockton Turning Basin, upper (Port Turning Basin). In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel). **Contaminated Sediments Group A Pesticides** 1603 Acres 2011 Agriculture Mercury 1603 Acres 2006 All resource extraction sources are abandoned mines. **Resource Extraction Pathogens** 1603 Acres 2008 This listing was previously under Stockton Turning Basin, upper (Port Turning Basin). In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel). Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating) 1603 Acres 2019 PCBs (Polychlorinated biphenyls) The areas of the ship channel impacted by PCB contamination in sportfish encompass Old Mormon Slough, New Mormon Slough, McLeod Lake, Turning Basin, Morrelli Boat Ramp, and Louis Park Boat Ramp (California Department of Health Services 1998 warning). This listing was made by USEPA in 1998 and was under the Stockton Turning Basin, upper (Port Turning Basin) on previous lists. In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel). **Point Source**

Source Unknown

Unknown Toxicity

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	E	Delta Waterways (western portion)	54400000	Chlorpyrifos		14524 Acres	2006
					Agriculture		
				DDT	Urban Runoff/Storm Sewers	14524 Acres	2011
					Agriculture		
				Diazinon		14524 Acres	2006
					Agriculture		
				Electrical Conductivity	Urban Runoff/Storm Sewers	14524 Acres	2019
				·	Agriculture		
				Exotic Species		14524 Acres	2019
					Source Unknown		
				Group A Pesticides		14524 Acres	2011
				Mercury All resource extraction source	Agriculture es are abandoned mines.	14524 Acres	2006
				Unknown Toxicity	Resource Extraction	14524 Acres	2019
					Source Unknown		
5	R	Dolly Creek	51854030	_			
				Copper All resource extraction source		1.5 Miles	2020
				Zinc All resource extraction source	Resource Extraction es are abandoned mines.	1.5 Miles	2020
				111. A SOURCE CHARACTER SOURCE	Resource Extraction		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
5	L	Don Pedro Lake	53632010				
				Mercury		11056 Acres	2020
					Resource Extraction		
5	R	Dunn Creek (Mt Diablo Mine to Marsh Creek)	54300021				
				Mercury		0.7 Miles	2013
				All resource extraction source	es are abandoned mines.		
					Resource Extraction		
				Metals		0.7 Miles	2020
				All resource extraction source			
					Resource Extraction		
5	L	Englebright Lake	51714013				
				Mercury		754 Acres	2012
				All resource extraction source	Resource Extraction		
					Resource Extraction		
5	R	Fall River (Pit)	52641031	G 1 4 .4 /G!14 .4		9.6 MT	2017
				Sedimentation/Siltation	ated sand size sediment in the upper Fall River.	8.6 Miles	2016
					nnelization, roads, and railroads.	The historic tana mana,	gemeni activities
					Historic Land Management Activities		
5	R	Feather River, Lower (Lake Oroville Dam	51922000				
		to Confluence with Sacramento River)					
				Chlorpyrifos		42 Miles	2019
					Source Unknown		
				C A D4:-:-	Source Unknown	42 Mil	2011
				Group A Pesticides		42 Miles	2011
					Agriculture		
				Mercury	0	42 Miles	2009
				All resource extraction source	es are abandoned mines.		
					Resource Extraction		
				Unknown Toxicity		42 Miles	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Feather River, North Fork (below Lake Almanor)	51812000				
				Mercury		49 Miles	2019
					Source Unknown		
				Temperature, water		49 Miles	2019
					Hydromodification		
					Flow Regulation/Modification		
5	R	Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	54400000				
				Chlorpyrifos		1.6 Miles	2006
					Urban Runoff/Storm Sewers		
				Diazinon		1.6 Miles	2006
				The agricultural source of die	zinon for this waterbody is from aerial deposition. Agriculture		
					Urban Runoff/Storm Sewers		
				Organic Enrichment/Low Disc	solved Oxygen	1.6 Miles	2008
					Urban Runoff/Storm Sewers		
				Pathogens		1.6 Miles	2008
					Other Urban Runoff		
					Recreational and Tourism Activities (non-boar	ting)	
5	R	French Ravine	51632011	Bacteria		1.7 Miles	2019
				Dacteria	Land Disposal	1.7 WHES	2017
5	W	Grasslands Marshes	54120000				
				Electrical Conductivity		7962 Acres	2008
					Agriculture		

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REGION	ТҮРЕ		CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Grayson Drain (at outfall)	54110000	Sediment Toxicity		0.03 Miles	2019
					Source Unknown		
5	R	Harding Drain (Turlock Irrigation District Lateral #5)	53550000				
				Chlorpyrifos		8.3 Miles	2008
				T. 1	Agriculture	9.2 Mg	2010
				Unknown Toxicity		8.3 Miles	2019
					Agriculture		
5	R	Horse Creek (Rising Star Mine to Shasta Lake)	50610000				
				Cadmium		0.52 Miles	2020
				All resource extraction source	Resource Extraction		
				Copper	as and about daying	0.52 Miles	2020
				All resource extraction source	Resource Extraction		
				Lead All resource extraction source	os are abandoned mines	0.52 Miles	2020
				An resource extraction source	Resource Extraction		
				Zinc All resource extraction source	as are abandoned mines	0.52 Miles	2020
				An resource extraction source	Resource Extraction		
5	R	Humbug Creek	51732030				
				Copper All resource extraction source		2.2 Miles	2020
				Mercury	Resource Extraction	2.2 Miles	2012
				All resource extraction source		2,2 NIIICS	2012
				Sedimentation/Siltation	Resource Extraction	2.2 Miles	2012
				All resource extraction source		2,2 1,2100	_ ~~ _
					Resource Extraction		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc All resource extraction source	es are abandoned mines. Resource Extraction	2.2 Miles	2020
5	R	Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)	54110000	Pyrethroids The pyrethroids of concern fo	r this listing are bifenthrin, lamdba cyhalothrir Source Unknown	2.8 Miles 1, efenvalerate/fedvalerat	2019 e, and permethrin.
5	R	Ingram Creek (from confluence with San Joaquin River to confluence with Hospital Creek)	54110000	Chlorpyrifos		2.1 Miles	2008
				Diazinon	Agricultural Return Flows Agricultural Return Flows	2.1 Miles	2008
				Pyrethroids The pyrethroids of concern fo	r this listing are bifenthrin, lamdba cyhalothrin Source Unknown	2.1 Miles a, efenvalerate/fedvalerat	2019 e, and permethrin.
5	R	Jack Slough	51540000	Diazinon	Agriculture	14 Miles	2008
5	R	James Creek	51224010	Mercury Resource extraction sources o	are abandoned mines. Resource Extraction	6.3 Miles	2015
				Nickel Resource extraction sources o		6.3 Miles	2020
5	R	Kanaka Creek	51742022	Arsenic All resource extraction source	es are abandoned mines. Resource Extraction	9.7 Miles	2020

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Kaweah Lake	55344010				
				Mercury		1702 Acres	2019
					Source Unknown		
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013				
		•		Cadmium		135 Acres	2020
					Resource Extraction		
				Copper		135 Acres	2020
					Resource Extraction		
				Zinc		135 Acres	2020
					Resource Extraction		
5	R	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	55190000				
				Electrical Conductivity		36 Miles	2015
					Agriculture		
				Molybdenum		36 Miles	2015
					Agriculture		
				Toxaphene		36 Miles	2015
					Agriculture		
5	R	Little Backbone Creek, Lower	50620010				
				Acid Mine Drainage		0.95 Miles	2020
					Resource Extraction		
				Cadmium		0.95 Miles	2020
				All resource extraction source			
				C	Resource Extraction	0.95 Miles	2020
				Copper All resource extraction source	es are abandoned mines	0.95 Miles	2020
				- In resem co emineron source	Resource Extraction		
				Zinc		0.95 Miles	2020
				All resource extraction source			
					Resource Extraction		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Little Cow Creek (downstream from Afterthought Mine)	50733023				
				Cadmium		1.1 Miles	2020
				Resource extraction sources	are abandoned mines.		
					Resource Extraction		
				Copper		1.1 Miles	2020
				Resource extraction sources			
				7.	Resource Extraction	4.4 3.50	2020
				Zinc	ans ab an don ad min as	1.1 Miles	2020
				Resource extraction sources	Resource Extraction		
					resource Latruction		
5	R	Little Deer Creek	51720012	M		44 359	2012
				Mercury		4.1 Miles	2012
					Resource Extraction		
5	R	Little Grizzly Creek	51854031				
				Copper		9.4 Miles	2020
					Mine Tailings		
				Zinc		9.4 Miles	2020
					Mine Tailings		
5	R	Lone Tree Creek	53140000				
J		Zone Tree creek	22110000	Ammonia		15 Miles	2020
					Dairies		
				BOD, Biochemical oxygen der	nand	15 Miles	2020
				, , g	Dairies		
				Electrical Conductivity	Dunies	15 Miles	2020
				Electrical Conductivity	Dairies	10 IVIICS	2020
					Danies		
5	L	Lower Bear River Reservoir	53260043				
				Copper		725 Acres	2019
					Source Unknown		
					Source Ulikilowii		
5	R	Main Drainage Canal	52040000				
				Diazinon		9.2 Miles	2019
					Agriculture		
					Agriculture		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	54300023	Mercury		11 Miles	2019
				All resource extraction sourc Metals All resource extraction sourc	Resource Extraction	11 Miles	2020
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000	Mercury All resource extraction sourc		10 Miles	2013
5	L	Marsh Creek Reservoir	54300023	Mercury	Resource Extraction	278 Acres	2013
5	R	Merced River, Lower (McSwain Reservoir to San Joaquin River)	53550000	Chlorpyrifos		50 Miles	2008
				Diazinon	Agriculture	50 Miles	2008
				Group A Pesticides	Agriculture	50 Miles	2011
				Mercury	Agriculture	50 Miles	2019
_		1011 N	- 440000		Source Unknown		
5	R	Middle River	54400000	Low Dissolved Oxygen	Hydromodification Source Unknown	9.7 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Mokelumne River, Lower	54400000	Copper		29 Miles	2020
				Zinc	Resource Extraction	29 Miles	2020
					Resource Extraction		
5	R	Mormon Slough (Commerce Street to Stockton Deep Water Channel)	54400000				
				Organic Enrichment/Low Dis	solved Oxygen	0.93 Miles	2008
					Urban Runoff/Storm Sewers		
				Pathogens		0.93 Miles	2008
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boa	ting)	
5	R	Mormon Slough (Stockton Diverting Canal to Commerce Street)	53130000				
		,		Pathogens		5.2 Miles	2008
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boa	ting)	
5	R	Morrison Creek	51911000	Chlorpyrifos This chlorpyrifos listing on a	oplies to the area of Morrison Creek from Elk Grov	26 Miles re-Florin Rd to Beach	2019 Lake.
				gg	Source Unknown		
5	R	Mosher Slough (downstream of I-5)	54400000	CT 1 40		4.0.350	****
				Chlorpyrifos		1.3 Miles	2006
					Urban Runoff/Storm Sewers		
				Diazinon The agricultural source of dia	azinon for this waterbody is from aerial deposition.	1.3 Miles	2006
				The agreemental source of an	Agriculture		
					Urban Runoff/Storm Sewers		

REGION	TVDE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL	ESTIMATED SIZE A FEECTED	PROPOSED TMDL
REGION	TIFE	NAIVIE	WATERSHED	Organic Enrichment/Low Disc	SOURCES solved Oxygen	SIZE AFFECTED 1.3 Miles	COMPLETION 2008
				Pathogens	Urban Runoff/Storm Sewers	1.3 Miles	2008
					Urban Runoff/Storm Sewers		
5	R	Mosher Slough (upstream of I-5)	54400000	Pathogens		3.5 Miles	2008
					Urban Runoff/Storm Sewers		
5	R	Mud Slough	54120000	Boron	Agriculture	13 Miles	2008
				Electrical Conductivity	Agriculture	13 Miles	2008
				Pesticides	Agriculture	13 Miles	2019
				Unknown Toxicity	Agriculture	13 Miles	2019
5	L	Natoma, Lake	51921000	Mercury		485 Acres	2019
					Source Unknown		
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	51921000				
				Diazinon The agricultural source is fro	m aerial deposition. Agriculture Urban Runoff/Storm Sewers	3.5 Miles	2008
				PCBs (Polychlorinated biphen	lyls) Industrial Point Sources Agriculture Urban Runoff/Storm Sewers	3.5 Miles	2020

DEGLOS	(DE/DE	NAME	CALWATER	DOLL LIE A METORNEGGER	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION			WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	51921000				
				PCBs (Polychlorinated biphen	yls)	12 Miles	2020
					Industrial Point Sources		
					Agriculture		
					Urban Runoff/Storm Sewers		
5	R	Newman Wasteway	54120000				
				Chlorpyrifos		8.3 Miles	2008
					Agriculture		
				Diazinon		8.3 Miles	2008
					Agriculture		
5	R	Oak Run Creek	50733000				
				Fecal Coliform		5.6 Miles	2012
					Combined Sewer Overflow		
					Agriculture		
					Grazing-Related Sources		
					Pasture Grazing-Upland		
					Natural Sources		
5	R	Old River (San Joaquin River to Delta-	54400000				
		Mendota Canal)		Low Dissolved Oxygen		15 Miles	2019
				20 W 218807 (et onjgen	Hydromodification	10 1/11/05	2019
					Source Unknown		
_	D		54140000				
5	R	Orestimba Creek (above Kilburn Road)	54110000	Azinphos-methyl		9.1 Miles	2008
				k			
					Agriculture		
				Chlorpyrifos		9.1 Miles	2008
					Agriculture		
				DDE	Agriculture	9.1 Miles	2011
				Historical agricultural use.		>.1 Miles	2011
				0	Agriculture		

			CALWATER				PROPOSED TMDL
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	COMPLETION
				Diazinon		9.1 Miles	2008
					Agriculture		
					Agriculture		
5	R	Orestimba Creek (below Kilburn Road)	54110000	Azinphos-methyl		2.7 Miles	2008
				Chlorpyrifos	Agriculture	2.7 Miles	2008
				DDE	Agriculture	2.7 Miles	2011
				DDE		2.7 Willes	2011
					Agriculture		•••
				Diazinon		2.7 Miles	2008
				Sediment Toxicity	Agriculture	2.7 Miles	2019
				·			
				Unknown Toxicity	Source Unknown	2.7 Miles	2019
					Agriculture		
5	R	Panoche Creek (Silver Creek to Belmont	55112000				
		Avenue)		Mercury All resource extraction source		18 Miles	2020
				Sedimentation/Siltation	Resource Extraction	18 Miles	2007
					Agriculture Agriculture-grazing Highway/Road/Bridge Construction		

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		18 Miles	2007
					Agriculture		
					Agriculture-grazing		
					Highway/Road/Bridge Construction		
5	R	Pit River	52661080				
				Nutrients		123 Miles	2013
					Agriculture		
					Agriculture-grazing		
				Organic Enrichment/Low Dis		123 Miles	2013
				Organic Entremient 2011 215	onygen	120 Miles	2013
					Agriculture		
					Agriculture-grazing		
				Temperature, water		123 Miles	2013
					Agriculture		
					Agriculture-grazing		
5	R	Putah Creek (Solano Lake to Putah Creek	51120000				
		Sinks)		Mercury		27 Miles	2015
				All resource extraction source	es are abandoned mines.	27 111105	2010
					Resource Extraction		
					Source Unknown		
5	L	Rollins Reservoir	51634033				
				Mercury		774 Acres	2012
					Resource Extraction		
5	R	Sacramento River (Keswick Dam to	52440014				
-		Cottonwood Creek)					
				Unknown Toxicity		15 Miles	2019
					Source Unknown		
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Sacramento River (Cottonwood Creek to Red Bluff)	50810000	10220111111011120001	SOCKELS	SIZEMITECIES	COMILETION
		,		Unknown Toxicity		16 Miles	2019
					Source Unknown		
5	R	Sacramento River (Red Bluff to Knights Landing)	50420070				
				Mercury	li e de de como forma Hamilton Cita de constante	82 Miles	2019
				This mercury listing only app	lies to the area from Hamilton City downstream Source Unknown	to Knights Landing.	
				Unknown Toxicity		82 Miles	2019
					Source Unknown		
5	R	Sacramento River (Knights Landing to the Delta)	51000000				
		,		Mercury		16 Miles	2010
				All resource extraction source	es are abandoned mines. Resource Extraction		
				Unknown Toxicity		16 Miles	2019
					Source Unknown		
5	R	Sacramento Slough	51922000	M		17 Mil.	2020
				Mercury		1.7 Miles	2020
					Source Unknown		
5	R	Salt Slough (upstream from confluence with San Joaquin River)	54120000				
				Boron		17 Miles	2008
					Agriculture		
				Chlorpyrifos		17 Miles	2008
					Agriculture		
				Diazinon		17 Miles	2008
					Agriculture		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Electrical Conductivity		17 Miles	2008
				Unknown Toxicity	Agriculture	17 Miles	2019
					Agriculture		
5	R	San Carlos Creek (downstream of New Idria Mine)	55911085				
				Mercury	and the state of t	5.1 Miles	2020
				All resource extraction sourc	Resource Extraction		
					Acid Mine Drainage		
5	R	San Joaquin River (Mendota Pool to Bear Creek)	54110000				
				Boron		88 Miles	2006
				DDT	Agriculture	88 Miles	2011
				Electrical Conductivity	Agriculture	88 Miles	2006
				Group A Pesticides	Agriculture	88 Miles	2011
				Unknown Toxicity	Agriculture	88 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Bear Creek to Mud Slough)	54120000	Boron		14 Miles	2006
					Agriculture		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			DDT		14 Miles	2011
			Electrical Conductivity	Agriculture	14 Miles	2006
			Group A Pesticides	Agriculture	14 Miles	2011
			Mercury	Agriculture	14 Miles	2020
			Unknown Toxicity	Resource Extraction	14 Miles	2019
				Source Unknown		
5 R	San Joaquin River (Mud Slough to Merced River)	54110000	Boron		3 Miles	2006
			DDT	Agriculture	3 Miles	2011
			Electrical Conductivity	Agriculture	3 Miles	2006
			Group A Pesticides	Agriculture	3 Miles	2011
			Mercury	Agriculture	3 Miles	2020
			Selenium	Resource Extraction	3 Miles	1996
				Agriculture		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Unknown Toxicity		3 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Merced River to Tuolumne River)	54110000				
		Tuotumie Rever)		Boron		29 Miles	2006
					Agriculture		
				DDT		29 Miles	2011
					Agriculture		
				Electrical Conductivity		29 Miles	2006
				Group A Pesticides	Agriculture	29 Miles	2011
				oroup in a concident		25 111105	
				Mercury	Agriculture	29 Miles	2020
					Resource Extraction		
				Unknown Toxicity		29 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Tuolumne River to Stanislaus River)	53530000				
		Stanisaus IIIVI)		Boron		8.4 Miles	2006
				•	Agriculture		
				DDT		8.4 Miles	2011
				·	Agriculture		
				Electrical Conductivity		8.4 Miles	2006
				Group A Pesticides	Agriculture	8.4 Miles	2011
						o.t mines	MATT
				Page 166 of 236	Agriculture		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Mercury		8.4 Miles	2020
				Unknown Toxicity	Resource Extraction	8.4 Miles	2019
				·	Agriculture		
5	R	San Joaquin River (Friant Dam to Mendota Pool)	54510000	Exotic Species		70 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Stanislaus River to	54400000				
		Delta Boundary)		Boron		3 Miles	2004
				DDT	Agriculture	3 Miles	2011
				Electrical Conductivity	Agriculture	3 Miles	2004
				Group A Pesticides	Agriculture	3 Miles	2011
				Mercury	Agriculture	3 Miles	2020
				Toxaphene	Resource Extraction	3 Miles	2019
				Unknown Toxicity	Source Unknown	3 Miles	2019
					Agriculture		

							,
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR		ESTIMATED ZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Scotts Flat Reservoir	51720011	Mercury	December 1	660 Acres	2012
					Resource Extraction		
5	L	Shasta Lake (area where West Squaw Creek enters)	50620010				
				Cadmium		20 Acres	2020
					Resource Extraction		
				Copper		20 Acres	2020
					Resource Extraction	••	***
				Zinc	B E 4 C .	20 Acres	2020
					Resource Extraction		
5	R	Smith Canal	54400000	Organic Enrichment/Low Diss	colved Overgon	2.4 Miles	2008
				Organic Enrichment/Low Diss	olved Oxygen	2.4 Miles	2008
					Urban Runoff/Storm Sewers		
				Organophosphorus Pesticides		2.4 Miles	2006
					Urban Runoff/Storm Sewers		
				Pathogens		2.4 Miles	2008
					Urban Runoff/Storm Sewers Respectional and Tourism Activities (non-bactive)	·a)	
					Recreational and Tourism Activities (non-boatin	(g)	
5	R	South Cow Creek	50731000	Fecal Coliform		7.9 Miles	2012
				recar comorm	Agriculture	7.5 WHES	2012
					Grazing-Related Sources		
					Other		
5	R	Spring Creek, Lower (Iron Mountain Mine	52440010				
		to Keswick Reservoir)		A old Mine Dueinege		2.6 Miles	2020
				Acid Mine Drainage All resource extraction source	es are abandoned mines.	2.0 Miles	2020
					Resource Extraction		

		CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION TYPE	E NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
			Cadmium		2.6 Miles	2020
			All resource extraction sourc			
				Resource Extraction		
			Copper		2.6 Miles	2020
			All resource extraction sourc			
			7.	Resource Extraction	2 (35)	2020
			Zinc		2.6 Miles	2020
			All resource extraction sourc	Resource Extraction		
				Resource Extraction		
5 R	Stanislaus River, Lower	53530000	D'. I		50 M/1	2000
			Diazinon		59 Miles	2008
				Agriculture	5 0. 350	****
			Group A Pesticides		59 Miles	2011
				Agriculture		
			Mercury		59 Miles	2020
				Resource Extraction		
			Unknown Toxicity		59 Miles	2019
				Source Unknown		
5 R	Sulphur Creek (Colusa County)	51320024				
			Mercury		14 Miles	2005
			All resource extraction sourc			
				Resource Extraction		
5 R	Temple Creek	53140000				
			Ammonia		10 Miles	2020
				D		
			T1 11 10 1 11	Dairies	40.350	****
			Electrical Conductivity		10 Miles	2020
				Dairies		
				2 mil 100		
5 R	Town Creek	50620010	Codminu		0.00 3/21	2020
			Cadmium All resource extraction sourc	es are ahandoned mines	0.98 Miles	2020
			The resource enruction source	Resource Extraction		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Copper		0.98 Miles	2020
				All resource extraction sourc			
					Resource Extraction		
				Lead	, , , .	0.98 Miles	2020
				All resource extraction sourc	Resource Extraction		
				Zinc	Resource Extraction	0.98 Miles	2020
				All resource extraction sourc	es are abandoned mines.	000 111100	2020
					Resource Extraction		
5	R	Tuolumne River, Lower (Don Pedro	53550000				
		Reservoir to San Joaquin River)		Diazinon		60 Miles	2008
					Agriculture		
				Group A Pesticides	Agriculture	60 Miles	2011
				Group A T esticides		oo wiics	2011
					Agriculture		
				Unknown Toxicity		60 Miles	2019
					Source Unknown		
5	R	Wadsworth Canal	52030000				
				Diazinon		16 Miles	2019
					Agriculture		
5	R	Walker Slough	53140000				
		-		Pathogens		2.3 Miles	2008
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boat	ing)	
5	R	West Squaw Creek (below Balaklala Mine)	50620010				
		•		Cadmium		2 Miles	2020
				All resource extraction sourc			
					Resource Extraction		
				Copper		2 Miles	2020
				All resource extraction sourc	es are abandoned mines. Resource Extraction		
				D 170 -£227	NESOUI CE L'AU ACUON		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES S	ESTIMATED IZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead All resource extraction source Zinc All resource extraction source	Resource Extraction	2 Miles 2 Miles	2020 2020
5	L	Whiskeytown Reservoir (areas near Oak Bottom, Brandy Creek Campgrounds and Whiskeytown)	52463010	Coliform Bacteria	Septage Disposal	98 Acres	2019
5	R	Willow Creek (Madera County)	54021051	Temperature, water	Source Unknown	6.2 Miles	2019
5	R	Willow Creek (Shasta County, below Greenhorn Mine to Clear Creek)	52463010	Acid Mine Drainage All resource extraction source Copper All resource extraction source Zinc All resource extraction source	Resource Extraction s are abandoned mines. Resource Extraction	4 Miles4 Miles4 Miles	2020 2020 2020
5	R	Wolf Creek	51632010	Fecal Coliform	Agriculture Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boati	23 Miles	2019

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
6	R	Big Meadow Creek	63410011				
				Pathogens		1.4 Miles	2019
					Range Grazing-Riparian and/or Upland		
					Natural Sources		
					Recreational and Tourism Activities (non-l	boating)	
6	R	Blackwood Creek	63420021				
				Iron		5.9 Miles	2015
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		
				Nitrogen		5.9 Miles	2008
				Nitrogen loading from creek be needed for Blackwood Cre	to be addressed during development of Lake Tal eek.	hoe TMDL, but a more sp	pecific TMDL may
					Silviculture		
					Resource Extraction		
					Hydromodification		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Atmospheric Deposition		
					Natural Sources		
					Nonpoint Source		
				Phosphorus		5.9 Miles	2008
				Phosphorus loading from cre creek may be needed.	ek to be addressed during development of Lake	Tahoe TMDL, but a more	e specific TMDL for
					Grazing-Related Sources		
					Silviculture		
					Resource Extraction		
					Hydromodification		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		5.9 Miles	2008
			Creek affected by past grave	l quarry operations and other watershed disturba	nce including grazing a	nd timber harvest.
				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-be	oating)	
				Nonpoint Source		
6 R Be	odie Creek	63020031				
V R B	out often	30320001	Mercury		11 Miles	2019
				Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Bridgeport Reservoir	63030050			_	_
				Nitrogen		2614 Acres	2006
					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-be	oating)	

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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Buckeye Creek	63040022	Pathogens		17 Miles	2019
					Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boa	ating)	
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014	Nitrogen		18 Miles	2019
					Silviculture Onsite Wastewater Systems (Septic Tanks) Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boar	ating)	

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

REGION	TVDE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL
			63310012	FOLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
6	R	Carson River, West Fork (Woodfords to Paynesville)	03310012				
				Nitrogen		3.6 Miles	2019
				Revision of standards may be	considered.		
					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-boat	ting)	
				Pathogens		3.6 Miles	2019
					Pasture Grazing-Riparian and/or Upland		
					Agricultural Return Flows		
					Natural Sources		
					Recreational and Tourism Activities (non-boar	ting)	

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sodium		3.6 Miles	2019
				Agriculture-storm runoff Agriculture-irrigation tailwater Agriculture-grazing Wastewater - land disposal Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-be-	oating)	
6 R	Clearwater Creek	63040051	Sedimentation/Siltation Listed on basis of limited info	ormation; additional monitoring may support deli Range Grazing-Riparian and/or Upland Construction/Land Development Highway Maintenance and Runoff	12 Miles	2006
6 L	Crowley Lake	60310090	Ammonia	Source Unknown	4861 Acres	2019
			Oxygen, Dissolved	Source Unknown	4861 Acres	2019
6 L	Donner Lake	63520021	Priority Organics OEHHA is studying the lake to period for TMDL development	o determine whether a fish consumption advisory nt. Source Unknown	819 Acres v is needed. There may	2019 be a 6 to 13 year

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

							E: OCTOBER 25, 2000
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	East Walker River, above Bridgeport	63030050				
		Reservoir		De 4h a sassa		7.2 Mil	2010
				Pathogens		7.2 Miles	2019
					Pasture Grazing-Riparian and/or Upland		
					Other Urban Runoff		
					Natural Sources		
					Recreational and Tourism Activities (non-b	oating)	
6	R	East Walker River, below Bridgeport	63030050				
		Reservoir		NTA		0 142	2010
				Nitrogen		8 Miles	2019
					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		
				Phosphorus		8 Miles	2019
					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		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR Sedimentation/Siltation	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED 8 Miles	PROPOSED TMDL COMPLETION 2019
					Grazing-Related Sources Highway/Road/Bridge Runoff Urban RunoffErosion and Sedimentation Upstream Impoundment Erosion/Siltation		
6	R	General Creek	63420030	Iron		9.1 Miles	2019
				Phosphorus	Silviculture Natural Sources	9.1 Miles	2019
					Erosion/Siltation Atmospheric Deposition Natural Sources		
6	R	Gray Creek (Nevada County)	63520052	Sedimentation/Siltation Sediment from disturbance of	naturally highly erosive watershed. Silviculture Natural Sources Nonpoint Source	2.8 Miles	2006
6	L	Haiwee Reservoir	62410071		gicide used to prevent taste/odor problems in dri of whether or not this water body is a water of th ol Board. Other		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Heavenly Valley Creek (source to USFS boundary)	63410031				
				Chloride		2 Miles	2019
				Chloride standard may be re-			
					Highway/Road/Bridge Runoff		
					Atmospheric Deposition		
					Natural Sources		
					Source Unknown		
				Phosphorus		2 Miles	2019
					Erosion/Siltation		
					Atmospheric Deposition		
					Natural Sources		
					Recreational and Tourism Activities (non-boat	ing)	
	_		<2440024				
6	R	Heavenly Valley Creek (USFS boundary to Trout Creek)	63410031				
				Chloride		1.4 Miles	2019
					Highway/Road/Bridge Runoff		
					Atmospheric Deposition		
					Natural Sources		
					Source Unknown		
				Sedimentation/Siltation		1.4 Miles	2019
					Construction/Land Development		
					Land Development		
					Hydromodification		
					Habitat Modification		
					Recreational and Tourism Activities (non-boat	ing)	
					Nonpoint Source		

			CALWATER		DOTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR		ESTIMATED IZE AFFECTED	COMPLETION
6	S	Honey Lake	63710060				
				Arsenic		57756 Acres	2019
				Arsenic is ultimately from natu determine need for TMDL.	tural sources, but lake is affected by geothermal disch	harges. Further stud	ly needed to
					Geothermal Development		
					Flow Regulation/Modification		
					Natural Sources		
					Nonpoint Source		
				Salinity/TDS/Chlorides		57756 Acres	2019
				Further study needed to deter.	rmine extent of impairment and need for TMDL.		
					Agriculture		
					Agricultural Return Flows		
					Geothermal Development		
					Agricultural Water Diversion		
					Sediment Resuspension		
					Natural Sources		
					Nonpoint Source		
6	W	Honey Lake Area Wetlands	63710060				
				Metals		62590 Acres	2019
				Additional monitoring needea	d to determine extent of impairment and need for TML	DL	
					Agriculture Coothormal Davelopment		
					Geothermal Development		
					Natural Sources		
					Nonpoint Source		
6	S	Honey Lake Wildfowl Management Ponds	63720095				
				Metals	Transition and the second seco	665 Acres	2019
				Further monitoring needed to	o determine extent of impairment and need for TMDL. Agriculture		
					Agriculture Geothermal Development		
					Geothermal Development Natural Sources		
				Salinity/TDS/Chlorides	Natural Bources	665 Acres	2019
				•	o determine extent of impairment and need for TMDL.		2017
					Agriculture		
					Geothermal Development		
					Natural Sources		
				Page 184 of 236			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trace Elements		665 Acres	2019
				Further monitoring needed to	determine extent of impairment and need for TM	MDL.	
					Geothermal Development		
					Nurseries		
6	R	Hot Springs Canyon Creek	63030042				
				Sedimentation/Siltation		2.9 Miles	2008
				Listed on basis of limited data,	; further monitoring may support delisting.		
					Range Grazing-Riparian and/or Upland		
6	R	Indian Creek (Alpine County)	63220010	To		44. 350	2010
				Pathogens		13 Miles	2019
					Grazing-Related Sources		
					Pasture Grazing-Riparian and/or Upland		
6	D	Mammoth Creek	60310053				
O	R	маниюн Стеек	00310033	Mercury		12 Miles	2019
					Source Unknown		
				Metals		12 Miles	2019
				Needs monitoring to determine	e current extent of impairment and need for TM	DL.	
					Other Urban Runoff		
					Natural Sources		
					Nonpoint Source		
6	R	Monitor Creek	63210070				
				Aluminum	annar III II	4 Miles	2019
				TMDL to be coordinated with	CERCLA remediation. Mill Tailings		
					Mine Tailings		
					Acid Mine Drainage		
					Inactive Mining		
					Natural Sources		
					Nonpoint/Point Source		

					SWRCB APPROVAL DAT	E: OCTOBER 25, 2000
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Iron		4 Miles	2019
			TMDL to be coordinated wit			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Natural Sources		
				Nonpoint/Point Source		
			Manganese		4 Miles	2019
			TMDL to be coordinated wit			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Natural Sources		
				Nonpoint/Point Source		
			Silver		4 Miles	2019
			TMDL to be coordinated wit			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Natural Sources		
				Nonpoint Source		
			Sulfates		4 Miles	2019
			TMDL to be coordinated wit			
				Mill Tailings		
				Mine Tailings		
				Acid Mine Drainage		
				Inactive Mining		
				Nonpoint/Point Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		4 Miles	2019
				TMDL to be coordinated with			
					Mill Tailings		
					Mine Tailings		
					Acid Mine Drainage		
					Inactive Mining		
					Natural Sources		
					Nonpoint/Point Source		
6	L	Pleasant Valley Reservoir	60320000				
				Organic Enrichment/Low Dis	solved Oxygen	99 Acres	2019
					Flow Regulation/Modification		
					Nonpoint Source		
6	R	Robinson Creek (Hwy 395 to Bridgeport	63030050				
		Res)		Pathogens		1.8 Miles	2019
				1 autogens		1.0 Willes	2019
					Pasture Grazing-Riparian and/or Upland		
					Agricultural Return Flows		
					Onsite Wastewater Systems (Septic Tanks)		
					Natural Sources		
					Recreational and Tourism Activities (non-boar	ting)	
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050				
		• ,		Pathogens		9.1 Miles	2019
					Pasture Grazing-Riparian and/or Upland		
					Onsite Wastewater Systems (Septic Tanks)		
					Natural Sources		
					Recreational and Tourism Activities (non-boar	ting)	

REGION			CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Squaw Creek	63520011	Sedimentation/Siltation		5.8 Miles	2006
					Construction/Land Development Other Urban Runoff Hydromodification Drainage/Filling Of Wetlands Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boat	ing)	
6	R	Susan River	63720095	Mercury		58 Miles	2019
				Unknown Toxicity	Source Unknown	58 Miles	2007
6	R	Swauger Creek	63040012	Pathogens		14 Miles	2019
					Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boat	ing)	

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	REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
Range Grazing-Riparian and/or Upland Highway/Road/Bridge Runoff Surface Runoff Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources				Phosphorus		14 Miles	2019
					Range Grazing-Riparian and/or Upland Highway/Road/Bridge Runoff Surface Runoff Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition		

					SWK	CB APPROVAL DAT	E: OCTOBER 25, 2006
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Tahoe, Lake	63430010				
				Nitrogen		85364 Acres	2007
					Grazing-Related Sources		
					Silviculture		
					Construction/Land Development		
					Land Development Urban Runoff/Storm Sewers		
					Urban RunoffNon-industrial Permitted		
					Other Urban Runoff		
					Highway/Road/Bridge Runoff		
					Surface Runoff		
					Urban RunoffErosion 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-bo	oating)	
					Golf course activities		
					Groundwater Loadings		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		85364 Acres	2007
				Grazing-Related Sources		
				Silviculture		
				Highway/Road/Bridge Construction		
				Land Development		
				Urban Runoff/Storm Sewers		
				Urban RunoffNon-industrial Permitted		
				Other Urban Runoff		
				Highway/Road/Bridge Runoff		
				Urban RunoffErosion 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-bo	pating)	
				Nonpoint Source		

REGION T	YPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		85364 Acres	2007
					Grazing-Related Sources		
					Silviculture		
					Highway/Road/Bridge Construction		
					Land Development		
					Urban Runoff/Storm Sewers		
					Other Urban Runoff		
					Highway/Road/Bridge Runoff		
					Urban RunoffErosion 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-boar	ting)	
					Nonpoint Source		
6	R Tall	ac Creek (below Hwy 89)	63410041				
				Pathogens		1.3 Miles	2019
					Grazing-Related Sources		
					Pasture Grazing-Riparian		
6	R Trou	at Creek (above Hwy 50)	63410020				
		- 1		Iron		10 Miles	2019
				Standards revision to be const			
					Urban RunoffNon-industrial Permitted		
					Erosion/Siltation		
					Natural Sources		

				~		
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Nitrogen		10 Miles	2019
			Nitrogen loading from creek be needed for Trout Creek.	to be addressed during development of Lake Tahoo	e TMDL, but a more sp	pecific TMDL may
			·	Pasture Grazing-Riparian and/or Upland		
				Urban RunoffNon-industrial Permitted		
				Erosion/Siltation		
				Atmospheric Deposition		
			Pathogens		10 Miles	2019
				Source Unknown		
			Phosphorus		10 Miles	2019
			_	ek to be considered during development of Lake To ek.	ahoe TMDL, but a mor	re specific TMDL
			<u>.</u> , , , , , , , , , , , , , , , , , , ,	Pasture Grazing-Riparian and/or Upland		
				Urban RunoffNon-industrial Permitted		
				Erosion/Siltation		
				Atmospheric Deposition		
6 R Tro	out Creek (below Hwy 50)	63410042				
			Iron		0.78 Miles	2019
				Urban RunoffNon-industrial Permitted		
				Erosion/Siltation		
				Natural Sources		
			Nitrogen		0.78 Miles	2019
			Nitrogen loading from creek to be needed for Trout Creek.	to be addressed during development of Lake Tahoo	e TMDL, but a more sp	pecific TMDL may
				Urban RunoffNon-industrial Permitted		
				Erosion/Siltation		
				Atmospheric Deposition		
			Pathogens		0.78 Miles	2019
				Pasture Grazing-Riparian		
				Natural Sources		
				Recreational and Tourism Activities (non-book	ating)	
				Transient encampments		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		0.78 Miles	2019
				Phosphorus loading from cree may be needed for Trout Cree	ek to be addressed during development of Lake To k.	ahoe TMDL, but a more	specific TMDL
					Urban RunoffNon-industrial Permitted		
					Erosion/Siltation		
					Atmospheric Deposition		
6	R	Truckee River	63510010				
				Sedimentation/Siltation		39 Miles	2006
				Watershed disturbance inclua management; highly erosive s	ling ski resorts, silvicultural activities, urban devo ubwatersheds.	elopment, reservoir con	struction and
					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-bo	oating)	
					Snow skiing activities		
					Nonpoint Source		
6	R	Truckee River, Upper (above Christmas	63410010				
		Valley)		Iron		4.5 Miles	2019
					Natural Sources		
				Pathogens		4.5 Miles	2019
					Grazing-Related Sources		
					Natural Sources		
					Recreational and Tourism Activities (non-bo	oating)	

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		4.5 Miles	2019
				Phosphorus loading from riv may be needed for the Upper	er to be addressed during development of Lake Truckee River.	Tahoe TMDL, but a more	specific TMDL
					Grazing-Related Sources		
					Silviculture		
					Natural Sources		
6	R	Truckee River, Upper (below Christmas	63410042				
		Valley)		Iron		11 Miles	2019
					Erosion/Siltation		
					Natural Sources		
					Unknown Nonpoint Source		
				Phosphorus		11 Miles	2019
				Phosphorus loading from riv needed for the Upper Trucke	er to be addressed in development of Lake Taho e River.	e TMDL, but a more spec	cific TMDL may be
					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		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Twin Lakes (Owens HU)	60310051				
				Nitrogen	and the second second	26 Acres	2019
				Monitoring needed to confirm	n extent of impairment and need for TMDL. Agriculture		
					Grazing-Related Sources		
					Construction/Land Development		
					Land Development		
					-		
					Other Urban Runoff		
				TN I	Atmospheric Deposition	24.	2010
				Phosphorus Manitaring needed to confirm	n degree of impairment and need for TMDL.	26 Acres	2019
				Monttoring needed to confirm	Agriculture		
					Grazing-Related Sources		
					Construction/Land Development		
					Land Development		
					Other Urban Runoff		
					omer eram kunon		
6	R	Ward Creek	63420020	T		57 Mil	2015
				Iron		5.7 Miles	2015
					Silviculture		
					Other Urban Runoff		
					Highway/Road/Bridge Runoff		
					Channel Erosion		
					Erosion/Siltation		
					Natural Sources		
				Nitrogen		5.7 Miles	2008
				· ·	to be addressed during development of Lake Tal		
				be needed for ward creek.	Silviculture		
					Other Urban Runoff		
					Highway/Road/Bridge Runoff		
					Channel Erosion		
					Erosion/Siltation		
					Atmospheric Deposition		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		5.7 Miles	2008
			Phosphorus loading from cremay be needed for Ward Cree	eek to be addressed during development of Lake T ek.	Tahoe TMDL, but a more	e specific TMDL
				Silviculture		
				Other Urban Runoff		
				Highway/Road/Bridge Runoff		
				Urban RunoffErosion and Sedimentation		
				Channel Erosion		
				Erosion/Siltation		
				Atmospheric Deposition		
				Natural Sources		
			Sedimentation/Siltation		5.7 Miles	2008
				Silviculture		
				Land Development		
				Urban Runoff/Storm Sewers		
				Highway/Road/Bridge Runoff		
				Channel Erosion		
				Nonpoint Source		
6 R Wo	olf Creek (Alpine County)	63210031				
			Sedimentation/Siltation		12 Miles	2019
				Range Grazing-Riparian and/or Upland		
				Silviculture		
				Nonpoint Source		
7 R Ala	amo River	72310000				
			Chlorpyrifos		57 Miles	2019
				Source Unknown		
			DDT		57 Miles	2019
				Source Unknown		
			Dieldrin	Source Camponia	57 Miles	2019
			~.v.w.m		o, mics	2017
				Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipher	nyls)	57 Miles	2019
				Toxaphene	Source Unknown	57 Miles	2019
					Source Unknown		
7	R	Coachella Valley Storm Water Channel	71947000	Dathagang		24 Miles	2006
				Pathogens This listing for pathogens on to the Salton Sea.	ly applies to a 17 mile area of the Coachel		
					Source Unknown		
				Toxaphene		24 Miles	2019
				This listing for toxaphene on to the Salton Sea.	ly applies to a 2 mile area of the Coachello	a Valley Storm Water Channel	from Lincoln Street
					Source Unknown		
7	R	Colorado River (Imperial Reservoir to	72700000				
		California-Mexico Border)		Selenium		11 Miles	2019
				Summan		11 11110	2019
					Source Unknown		
7	R	Imperial Valley Drains	72310000				
				DDT The listing for DDT only app drains.	lies to the Barbara Worth Drain, Peach D	1225 Miles Prain, and Rice Drain areas of the	2019 he Imperial Valley
					Source Unknown		
				Dieldrin		1225 Miles	2019
				The listing for dieldrin only o	applies to the Barbara Worth Drain and Fi Source Unknown	ig Drain areas of the Imperial V	Valley drains.
				Endosulfan		1225 Miles	2019
				The listing for endosulfan on	ly applies to the Peach Drain area of the I Source Unknown	Imperial Valley drains.	
				PCBs (Polychlorinated bipher		1225 Miles	2019
				The listing for PCBs only apposed outlet into the Alamo River.	olies to the Central Drain area of the Impe	erial Valley drains, from Melold	and Road to the
					Source Unknown		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Selenium		1225 Miles	2019
			Selenium originates from Up	per Basin Portion of Colorado River. Ele Agricultural Return Flows	evated fish tissue levels.	
			Toxaphene		1225 Miles	2019
			This listing for toxaphene on drains.	ly applies to the Barbara Worth Drain, Po	each Drain, and Rice Drain of t	he Imperial Valley
				Source Unknown		
7 R	New River (Imperial County)	72800000				
			1,2,4-Trimethylbenzene		66 Miles	2006
				Industrial Point Sources		
				Out-of-state source		
			Chlordane		66 Miles	2019
				Source Unknown		
			Chloroform	Source Unknown	66 Miles	2006
			Chiororor		ou mies	2000
				Industrial Point Sources		
				Out-of-state source		
			Chlorpyrifos		66 Miles	2019
				Source Unknown		
			DDT		66 Miles	2019
			Dii	Source Unknown	66 Miles	2019
			Diazinon		66 IVIIIes	2019
				Source Unknown		
			Dieldrin		66 Miles	2019
				Course Unknown		
			Mercury	Source Unknown	66 Miles	2019
			Mercury		oo wiiies	2017
				Source Unknown		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			meta-para xylenes		66 Miles	2006
				Industrial Point Sources		
				Out-of-state source		
			Nutrients		66 Miles	2006
			Regional Board proposes to	establish TMDL in cooperation with be Major Municipal Point Source-d weather discharge		
				Agricultural Return Flows		
				Out-of-state source		
			Organic Enrichment/Low Dis	solved Oxygen	66 Miles	2006
				Wastewater		
				Inappropriate Waste Disposal/W	Vildcat Dumping	
				Out-of-state source		
				Unknown point source		
			o-Xylenes		66 Miles	2006
				Industrial Point Sources		
				Out-of-state source		
			PCBs (Polychlorinated bipher	nyls)	66 Miles	2019
				Source Unknown		
			p-Cymene		66 Miles	2006
				Industrial Point Sources		
				Out-of-state source		
			p-Dichlorobenzene/DCB	Out-of-state source	66 Miles	2006
			·			
				Industrial Point Sources		
				Out-of-state source		
			Pesticides		66 Miles	2019
				Agricultural Return Flows		
				Out-of-state source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
,			Selenium		66 Miles	2019
			Toluene	Source Unknown	66 Miles	2006
				Industrial Point Sources Out-of-state source		
			Toxaphene		66 Miles	2019
			Toxicity	Source Unknown	66 Miles	2019
			Trash	Source Unknown	66 Miles	2006
				Out-of-state source		
7 R	Palo Verde Outfall Drain	71540000	DDT		17 Miles	2019
				Source Unknown		
7 S	Salton Sea	72800000	Nutrients		233340 Acres	2006
				Major Industrial Point Source Agricultural Return Flows Out-of-state source		
			Salinity TMDL development will not if federal, local, and state coop	oe effective in addressing this problem, which will eration. Agricultural Return Flows Out-of-state source	233340 Acres require an engineerin	2019 g solution with
			Selenium	Point Source Agricultural Return Flows	233340 Acres	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	В	Anaheim Bay	80111000				
				Dieldrin (tissue)		402 Acres	2019
				This listing was made by USI			
					Source Unknown		
				Nickel		402 Acres	2019
				This listing was made by USI	APA. Source Unknown		
						400	2010
				PCBs (Polychlorinated bipher		402 Acres	2019
				This listing was made by USE	Source Unknown		
				Sediment Toxicity	Source Challown	402 Acres	2019
				Sediment Toxicity		402 Acres	2019
					Source Unknown		
8	С	Balboa Beach	80114000				
				DDT		1.8 Miles	2019
					Source Unknown		
				Dieldrin		1.8 Miles	2019
					Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	1.8 Miles	2019
					Source Unknown		
8	L	Big Bear Lake	80171000				
o	L	Dig Dear Lake	301/1000	Copper		2865 Acres	2007
				Соррег		2000 Heres	2007
					Resource Extraction		
				Mercury		2865 Acres	2007
				•			
					Resource Extraction		
				Metals		2865 Acres	2007
					Resource Extraction		

			WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
				Noxious aquatic plants		2865 Acres	2006
					Construction/Land Development		
				NT 4 * . 4	Unknown point source	2005	2007
				Nutrients		2865 Acres	2006
					Construction/Land Development		
					Snow skiing activities		
				PCBs (Polychlorinated bipheny	yls)	2865 Acres	2019
					Source Unknown		
				Sedimentation/Siltation	Source Unknown	2865 Acres	2006
				geamentation/gnation		2005 Meres	2000
					Construction/Land Development		
					Snow skiing activities		
					Unknown Nonpoint Source		
8	C B	olsa Chica State Beach	80111000				
				Copper		2.6 Miles	2019
				This listing was made by USE	PA. Source Unknown		
				Nickel	Source Chanown	2.6 Miles	2019
				This listing was made by USE	PA.		
					Source Unknown		
8 1	R B	Buck Gully Creek	80111000				
				Fecal Coliform		0.3 Miles	2019
				Listing is downstream of Pacif			
				Total Coliform	Source Unknown	0.3 Miles	2019
				Listing is downstream of Pacif	fic Coast Highway	0.5 Willes	2019
				of action can of I dety	Source Unknown		
8 1	L C	Canyon Lake (Railroad Canyon Reservoir)	80211000				
				Pathogens		453 Acres	2006
					N 4 G		
					Nonpoint Source		

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REGION	ТҮРЕ		CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	R	Chino Creek Reach 1	80121000	Nutrients		7.8 Miles	2019
					Agriculture Dairies		
8	L	Elsinore, Lake	80231000	PCBs (Polychlorinated biphen	yls)	2431 Acres	2019
				Unknown Toxicity	Source Unknown	2431 Acres	2007
					Unknown Nonpoint Source		
8	L	Fulmor, Lake	80221000	Pathogens	Unknown Nonpoint Source	4.2 Acres	2019
8	R	Grout Creek	80171000				
				Metals	Unknown Nonpoint Source	3.5 Miles	2007
				Nutrients	Unknown Nonpoint Source	3.5 Miles	2008
8	С	Huntington Beach State Park	80111000	Enterococcus Impaired 50 yards around dra		5.8 Miles	2019
				PCBs (Polychlorinated biphen	Source Unknown yls)	5.8 Miles	2019
					Source Unknown		
8	В	Huntington Harbour	80111000	Chlordane		221 Acres	2019
				Copper This listing was made by USE	Source Unknown PA. Source Unknown	221 Acres	2019

REGION TY	YPE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Lead		221 Acres	2019
			Nickel This listing was made by USEF	Source Unknown PA.	221 Acres	2019
			Pathogens	Source Unknown	221 Acres	2019
			PCBs (Polychlorinated bipheny This listing was made by USEF		221 Acres	2019
			Sediment Toxicity	Source Unknown	221 Acres	2019
				Source Unknown		
8 R	R Knickerbocker Creek	80171000	Metals		2 Miles	2007
				Unknown Nonpoint Source		
8 R	Los Trancos Creek (Crystal Cove Creek)	80111000	Fecal Coliform Listing is downstream of Pacifi	äc Coast Highway. Source Unknown	0.19 Miles	2019
			Total Coliform Listing is downstream of Pacifi		0.19 Miles	2019
8 R	R Lytle Creek	80141000	Pathogens	Unknown Nonpoint Source	41 Miles	2019
8 R	R Mill Creek (Prado Area)	80121000	Nutrients		1.6 Miles	2019
				Agriculture Dairies		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Suspended Solids (TSS)		1.6 Miles	2019
					Dairies		
8	R	Mill Creek Reach 1	80156000	Dethanas		12 Mgl	2010
				Pathogens	Unknown Nonpoint Source	12 Miles	2019
8	R	Mill Creek Reach 2	80158000				
				Pathogens	Unknown Nonpoint Source	12 Miles	2019
8	R	Mountain Home Creek	80158000		, , , , , , , , , , , , , , , , , , ,		
				Pathogens		3.7 Miles	2019
					Unknown Nonpoint Source		
8	R	Mountain Home Creek, East Fork	80158000	Pathogens		5.1 Miles	2019
				9	Unknown Nonpoint Source		
8	В	Newport Bay, Lower	80114000	Chlordane		767 Acres	2019
				Cinordane		707 Acres	2019
				Copper	Source Unknown	767 Acres	2007
				over the second		707 110100	2007
				DDT	Source Unknown	767 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated biphen		767 Acres	2019
					Source Unknown		
				Sediment Toxicity	Source Chimona	767 Acres	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	E	Newport Bay, Upper (Ecological Reserve)	80111000	Chlordane		653 Acres	2019
				Copper	Source Unknown	653 Acres	2007
				DDT	Source Unknown	653 Acres	2019
				Metals	Source Unknown	653 Acres	2019
				PCBs (Polychlorinated biphen	Urban Runoff/Storm Sewers yls)	653 Acres	2019
				Sediment Toxicity	Source Unknown	653 Acres	2019
					Source Unknown		
8	R	Peters Canyon Channel	80111000	DDT		3 Miles	2019
				Toxaphene	Source Unknown	3 Miles	2019
					Source Unknown		
8	L	Prado Park Lake	80121000	Nutrients	Nonpoint Source	90 Acres	2019
8	R	Rathbone (Rathbun) Creek	80171000	Nutrients	Snow skiing activities Unknown Nonpoint Source	4.7 Miles	2008

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		4.7 Miles	2006
					Snow skiing activities		
					Unknown Nonpoint Source		
8	В	Rhine Channel	80114000				
				Copper		20 Acres	2019
					Source Unknown		
				Lead	Source Unknown	20 Acres	2019
				Leau		20 Acres	2019
					Source Unknown		
				Mercury		20 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher		20 Acres	2019
				1 cbs (1 oryemormated orphe)	iy is)	20 110103	2017
					Source Unknown		
				Sediment Toxicity		20 Acres	2019
					Source Unknown		
				Zinc	Source Chanown	20 Acres	2019
					Source Unknown		
8	R	San Diego Creek Reach 1	80111000				
				Fecal Coliform		7.8 Miles	2019
					Urban Runoff/Storm Sewers		
					Other Urban Runoff		
				Selenium		7.8 Miles	2007
					Source Unknown		
				Toxaphene		7.8 Miles	2019
					Source Unknown		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	R	San Diego Creek Reach 2	80111000	Metals		6.3 Miles	2007
					Urban Runoff/Storm Sewers		
8	R	Santa Ana River, Reach 4	80127000	Pathogens		14 Miles	2019
					Nonpoint Source		
8	R	Santiago Creek, Reach 4	80112000	Salinity/TDS/Chlorides	Source Unknown	9.8 Miles	2019
8	С	Seal Beach	80111000	Enterococcus Impaired 50 yards around dro		0.53 Miles	2019
				PCBs (Polychlorinated biphen	Source Unknown	0.53 Miles	2019
					Source Unknown		
8	R	Silverado Creek	80112000	Pathogens	U-larana Nama in Canana	11 Miles	2019
				Salinity/TDS/Chlorides	Unknown Nonpoint Source Unknown Nonpoint Source	11 Miles	2019
8	R	Summit Creek	80171000	Nutrients	Construction/Land Development	1.5 Miles	2008
9	R	Agua Hedionda Creek	90431000	Manganese		7 Miles	2019
				Selenium	Source Unknown	7 Miles	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sulfates		7 Miles	2019
					Source Unknown		
				Total Dissolved Solids	Source Challown	7 Miles	2019
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
9	E	Agua Hedionda Lagoon	90431000				
				Indicator bacteria		6.8 Acres	2006
					Nonpoint/Point Source		
				Sedimentation/Siltation		6.8 Acres	2019
					Nonpoint/Point Source		
9	R	Aliso Creek	90113000				
				Indicator bacteria		19 Miles	2005
					eria applies to the Aliso Creek mainstem and nyon, Aliso Hills Canyon, Dairy Fork, and En		Aliso Creek which
				•	Urban Runoff/Storm Sewers		
					Unknown point source		
					Nonpoint/Point Source		
				Phosphorus		19 Miles	2019
					oplies to the Aliso Creek mainstem and all the 1, Aliso Hills Canyon, Dairy Fork, and Englis		Creek which are
					Urban Runoff/Storm Sewers	·	
					Unknown Nonpoint Source		
					Unknown point source		
				Toxicity		19 Miles	2019
					s to the Aliso Creek mainstem and all the maj n, Aliso Hills Canyon, Dairy Fork, and Englis		k which are
				1	Urban Runoff/Storm Sewers	-	
					Unknown Nonpoint Source		
					Unknown point source		

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REGION	ТҮРЕ	. NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	E	Aliso Creek (mouth)	90113000				
				Indicator bacteria		0.29 Acres	2005
					Nonpoint/Point Source		
9	L	Barrett Lake	91130000				
				Color		125 Acres	2019
					Source Unknown		
				Manganese	Source Chikhown	125 Acres	2019
				Manganese		125 Acres	2017
					Source Unknown		
				pH		125 Acres	2019
					Source Unknown		
					Source Unknown		
9	R	Buena Creek	90432000	DDT		4.8 Miles	2019
				ועע		4.5 Miles	2019
					Source Unknown		
				Nitrate and Nitrite		4.8 Miles	2019
				DI I . 4	Source Unknown	40 3/2	2010
				Phosphate		4.8 Miles	2019
					Source Unknown		
9	R	Buena Vista Creek	90421000				
,	K	Bucha Vista Cicck	70421000	Sediment Toxicity		11 Miles	2019
					Source Unknown		
9	E	Buena Vista Lagoon	90421000				
				Indicator bacteria		202 Acres	2008
					Nonpoint/Point Source		
				Nutrients		202 Acres	2019
				Estimated size of impairment	is 150 acres located in upper portion of lagoon. Nonpoint/Point Source		
				Sedimentation/Siltation	Nonpoint out Source	202 Acres	2019
				Seamentation Situation	Nonpoint/Point Source	Zoz ricits	2017
					Nonpoint out Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Chollas Creek	90822000	Copper		3.5 Miles	2004
				Indicator bacteria	Nonpoint/Point Source	3.5 Miles	2005
				Lead	Nonpoint/Point Source	3.5 Miles	2004
				Zinc	Nonpoint/Point Source	3.5 Miles	2004
					Nonpoint/Point Source		
9	R	Cloverdale Creek	90532000	Phosphorus		1.2 Miles	2019
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source		
				Total Dissolved Solids		1.2 Miles	2019
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source		
9	R	Cottonwood Creek (San Marcos Creek watershed)	90451000	DDT		1.9 Miles	2019
				Phosphorus	Source Unknown	1.9 Miles	2019
				Sediment Toxicity	Source Unknown	1.9 Miles	2019
					Source Unknown		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
9	В	Dana Point Harbor	90114000	Indicator bacteria		119 Acres	2006
				Impairment located at Baby I			
					Urban Runoff/Storm Sewers		
					Marinas and Recreational Boating		
					Unknown Nonpoint Source		
					Unknown point source		
9	R	De Luz Creek	90221000				
				Iron		14 Miles	2019
					Source Unknown	14 340	2010
				Manganese		14 Miles	2019
					Source Unknown		
0		TIG to T. I.	00#21000				
9	L	El Capitan Lake	90731000	Color		1454 Acres	2019
				Color		1434 Acres	2017
					Source Unknown		
				Manganese		1454 Acres	2019
					Source Unknown		
				pН		1454 Acres	2019
					Source Unknown		
					Source Unknown		
9	R	Encinitas Creek	90451000				
				Phosphorus		3 Miles	2019
					Source Unknown		
					Source Chimotha		
9	R	English Canyon	90113000	Dango[h]fluor		3.6 Miles	2019
				Benzo[b]fluoranthene		3.0 Miles	2019
					Source Unknown		
				Dieldrin		3.6 Miles	2019
					Source Unknown		

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sediment Toxicity		3.6 Miles	2019
					Source Unknown		
9	R	Escondido Creek	90462000	DDT		26 Miles	2019
				Manganese	Source Unknown	26 Miles	2019
				Phosphate	Source Unknown	26 Miles	2019
				Selenium	Source Unknown	26 Miles	2019
				Sulfates	Source Unknown	26 Miles	2019
				Total Dissolved Solids	Source Unknown	26 Miles	2019
					Source Unknown		
9	Е	Famosa Slough and Channel	90711000	Eutrophic		32 Acres	2019
					Nonpoint Source		
9	R	Felicita Creek	90523000	Aluminum		0.92 Miles	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		0.92 Miles	2019
					Agricultural Return Flows		
					Urban Runoff/Storm Sewers		
					Flow Regulation/Modification		
					Unknown Nonpoint Source		
					Unknown point source		
9	R	Forester Creek	90712000				
				Fecal Coliform	1 7	6.4 Miles	2005
				Impairment Located at lower	Urban Runoff/Storm Sewers		
					Spills		
					Unknown Nonpoint Source		
					Unknown point source		
				Oxygen, Dissolved	P	6.4 Miles	2019
					Source Unknown		
				pН		6.4 Miles	2019
				Impairment Located at upper			
					Industrial Point Sources		
					Habitat Modification		
					Spills		
					Unknown Nonpoint Source		
				DI I	Unknown point source	(4 NO)	2010
				Phosphorus		6.4 Miles	2019
					Source Unknown		
				Total Dissolved Solids		6.4 Miles	2019
				Impairment Located at lower	1 mile.		
					Agricultural Return Flows		
					Urban Runoff/Storm Sewers		
					Flow Regulation/Modification		
					Unknown Nonpoint Source		
					Unknown point source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Green Valley Creek	90521000	Chlorido		0.00 3.421	2010
				Chloride		0.98 Miles	2019
					Source Unknown		
				Manganese		0.98 Miles	2019
					Source Unknown		
				Pentachlorophenol (PCP)		0.98 Miles	2019
					G		
				Sulfates	Source Unknown	0.98 Miles	2019
				Surucs		obo Miles	2017
					Urban Runoff/Storm Sewers		
					Natural Sources		
					Unknown Nonpoint Source Unknown point source		
9	L	Guajome Lake	90311000				
,	L	Guajome Lake	70311000	Eutrophic		33 Acres	2019
					Nonpoint/Point Source		
9	L	Hodges, Lake	90521000				
				Color		1104 Acres	2019
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
				Manganese		1104 Acres	2019
					Source Unknown		
				Nitrogen		1104 Acres	2019
					Agriculture		
					Dairies		
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
				Dags 216 of 226			

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	·	***************************************	рН	SOCKELS	1104 Acres	2019
			1			
				Source Unknown		
			Phosphorus		1104 Acres	2019
				Agriculture		
				Dairies		
				Urban Runoff/Storm Sewers		
				Unknown Nonpoint Source		
			Tumbidita	Unknown point source	1104 Acres	2019
			Turbidity		1104 Acres	2019
				Source Unknown		
9 R	Kit Carson Creek	90521000				
<i>y</i> K	Kit Carson Creek	90321000	Pentachlorophenol (PCP)		0.99 Miles	2019
			• • • • •			
				Source Unknown		
			Total Dissolved Solids		0.99 Miles	2019
				A. I. M. o. I. D. A. o. File		
				Agricultural Return Flows Urban Runoff/Storm Sewers		
				Flow Regulation/Modification		
				Unknown Nonpoint Source		
				Unknown point source		
		2211222		camo na point source		
9 R	Laguna Canyon Channel	90112000	Codiment Torisity		1.6 Miles	2019
			Sediment Toxicity		1.0 Miles	2019
				Source Unknown		
9 E	Loma Alta Slough	90410000				
э в	Loma Ana Siougn	20 -1 10000	Eutrophic		8.2 Acres	2019
			•	Nonpoint Source		
			Indicator bacteria	*	8.2 Acres	2008
				Nonpoint Source	2.2 - 10105	

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Long Canyon Creek	90283000	Total Dissolved Solids		8.3 Miles	2019
					Source Unknown		
9	R	Los Penasquitos Creek	90610000	Phosphate		12 Miles	2019
				Total Dissolved Solids	Source Unknown	12 Miles	2019
					Source Unknown		
9	Е	Los Penasquitos Lagoon	90610000	Sedimentation/Siltation	N turning	469 Acres	2019
					Nonpoint/Point Source		
9	L	Loveland Reservoir	90931000	Aluminum		420 Acres	2019
				Manganese	Source Unknown	420 Acres	2019
					Source Unknown		
				Oxygen, Dissolved	50 1 100 011110 011	420 Acres	2019
					Source Unknown		
9	В	Mission Bay (area at mouth of Rose Creek only)	90640000				
				Eutrophic		9.2 Acres	2019
				Lead	Nonpoint/Point Source	9.2 Acres	2019
				•	Nonpoint/Point Source		

REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR SOURCES SIZE AFFECT 9 B Mission Bay (area at mouth of Tecolote Creek only) Eutrophic Nonpoint/Point Source Lead Nonpoint/Point Source Lead Nonpoint/Point Source Color Source Unknown Manganese Source Unknown pH Source Unknown	res 2019 res 2019
Eutrophic 3.1 Advisor Source Lead Source Unknown Full Source Unknown Source Unknown Source Unknown Source Unknown Source Unknown Source Unknown	res 2019
Nonpoint/Point Source Lead Nonpoint/Point Source Nonpoint/Point S	res 2019
Lead . Nonpoint/Point Source 9 L Morena Reservoir 91150000 Color Source Unknown Manganese Source Unknown pH Source Unknown Source Unknown Source Unknown Source Unknown	
Nonpoint/Point Source 9 L Morena Reservoir 91150000 Color Source Unknown Manganese Source Unknown pH Source Unknown Source Unknown Source Unknown Source Unknown Source Unknown	
9 L Morena Reservoir 91150000 Color Source Unknown Manganese Source Unknown pH Source Unknown Source Unknown Source Unknown Source Unknown Fource Unknown Source Unknown	
Color Source Unknown Manganese Source Unknown PH Source Unknown Source Unknown PH Source Unknown	
Source Unknown Manganese Source Unknown PH Source Unknown Source Unknown	
Manganese 104 Ad Source Unknown pH Source Unknown	res 2019
Source Unknown pH Source Unknown	
pH 104 Ac Source Unknown	res 2019
pH 104 Ac Source Unknown	
	res 2019
9 L Murray Reservoir 90711000	
рН 119 Ас	res 2019
Source Unknown	
9 R Murrieta Creek 90252000 Iron 12 M	iles 2019
	2017
Source Unknown	
Manganese 12 M	iles 2019
Source Unknown	
Nitrogen 12 M	iles 2019
Source Unknown	

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		12 Miles	2019
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source		
9	R	Oso Creek (at Mission Viejo Golf Course)	90120000				
		oso creek (at Massion 110)	3 01 2 0000	Chloride		1 Miles	2019
					Source Unknown		
				Sulfates		1 Miles	2019
					Source Unknown		
				Total Dissolved Solids		1 Miles	2019
					Source Unknown		
9	L	Otay Reservoir, Lower	91031000			40.00	-0.40
				Color		1050 Acres	2019
				T	Source Unknown	1050	2010
				Iron		1050 Acres	2019
				Manganese	Source Unknown	1050 Acres	2019
				Wanganese		1030 Acres	2017
				Nitrogen, ammonia (Total Am	Source Unknown	1050 Acres	2019
				The ogen, anniona (Total Till		1000 Heres	2012
				pH (high)	Source Unknown	1050 Acres	2019
					C II I		
0	C	Davida Oarra Chamilton Alton TICA	00112000		Source Unknown		
9	С	Pacific Ocean Shoreline, Aliso HSA	90113000	Indicator bacteria		0.65 Miles	2005
				Impairment located at Lagun	a Beach at Lagunita Place / Blue Lagoon Place, Ali Nonpoint/Point Source	so Beach.	

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	C	Pacific Ocean Shoreline, Buena Vista Creek HA	90421000				
				Indicator bacteria		1.2 Miles	2008
				Impairment located at Buena Avenue.	Vista Creek, Carlsbad City Beach at Carlsbad V	Tillage Drive, Carlsbad S	State Beach at Pine
					Nonpoint/Point Source		
9	С	Pacific Ocean Shoreline, Dana Point HSA	90114000				
				Indicator bacteria		2 Miles	2005
					each at West Street, Aliso Beach at Table Rock I Creek (large outlet), Salt Creek Beach at Salt Cr		
					Nonpoint/Point Source		
9	С	Pacific Ocean Shoreline, Escondido Creek HA	90461000				
				Indicator bacteria		0.44 Miles	2008
				Impairment located at San El	, 0		
					Nonpoint/Point Source		
9	С	Pacific Ocean Shoreline, Imperial Beach Pier	91010000				
				PCBs (Polychlorinated biphen	yls)	0.42 Miles	2019
					Source Unknown		
9	С	Pacific Ocean Shoreline, Laguna Beach HSA	90112000				
				Indicator bacteria		1.8 Miles	2005
				•	aguna Beach, Laguna Beach at Ocean Avenue, I ove at Bluebird Canyon Road, Laguna Beach at I Nonpoint/Point Source	0	a Avenue, Laguna
9	C	Pacific Ocean Shoreline, Loma Alta HA	90410000				
		•		Indicator bacteria		1.1 Miles	2008
				Impairment located at Loma A	Alta Creek Mouth. Nonpoint/Point Source		

REGION			CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	C	Pacific Ocean Shoreline, Lower San Juan HSA	90120000				
				Indicator bacteria		1.2 Miles	2008
				Impairment located at North B Beach Road.	Beach Creek, San Juan Creek (large outlet), Ca	pistrano Beach, South Co	apistrano Beach at
					Nonpoint/Point Source		
9	C	Pacific Ocean Shoreline, San Clemente HA	90130000				
				Indicator bacteria		3.7 Miles	2005
				Beach at El Portal St. Stairs, S Clemente City Beach at South	Beach (large outlet), Ole Hanson Beach Club B San Clemente City Beach at Mariposa St., San o Linda Lane, San Clemente City Beach at Lifeg City Beach at Trafalgar Canyon (Trafalgar Ln ach at Cypress Shores. Nonpoint/Point Source	Clemente City Beach at L uard Headquarters, Und	inda Lane, San er San Clemente
9	C	Pacific Ocean Shoreline, San Diego HU	90711000				
				Indicator bacteria Impairment located at San Die	ego River Mouth (aka Dog Beach). Nonpoint/Point Source	0.37 Miles	2005
9	C	Pacific Ocean Shoreline, San Diequito HU	90511000				
				Indicator bacteria		0.86 Miles	2005
				Impairment located at San Die	guito Lagoon Mouth, Solana Beach. Nonpoint/Point Source		
9	C	Pacific Ocean Shoreline, San Joaquin Hills HSA	90111000				
				Indicator bacteria		0.63 Miles	2005
				Impairment located at Cameo	Cove at Irvine Cove Dr./Riviera Way, Heisler I Urban Runoff/Storm Sewers	Park-North	
					Unknown Nonpoint Source		
					Unknown point source		
9	C	Pacific Ocean Shoreline, San Luis Rey HU	90311000	T. P. A. L. A. L.		0.40.34"	2005
				Indicator bacteria Impairment located at San Lui	s Rev River Mouth.	0.49 Miles	2005
					Nonpoint/Point Source		
					-		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	С	Pacific Ocean Shoreline, San Marcos HA	90451000	Indicator bacteria Impairment located at Moonl	ight State Beach. Nonpoint/Point Source	0.5 Miles	2005
9	С	Pacific Ocean Shoreline, Scripps HA	90630000	Indicator bacteria This listing for indicator bact	eria onliy applies to the Childrens Pool Beach a Nonpoint/Point Source	3.9 Miles rea of this ocean shorel.	2019 ine segment.
9	C	Pacific Ocean Shoreline, Tijuana HU	91111000	Indicator bacteria Impairment located from the	border, extending north along the shore. Nonpoint/Point Source	3 Miles	2010
9	R	Pine Valley Creek (Upper)	91141000	Enterococcus	Grazing-Related Sources Concentrated Animal Feeding Operations (permitted, point source) Transient encampments	2.9 Miles	2010
				Phosphorus Turbidity	Source Unknown	2.9 Miles2.9 Miles	2019 2019
9	R	Pogi Canyon Creek	91020000	DDT	Source Unknown	7.8 Miles	2019
9	R	Prima Deshecha Creek	90130000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	1.2 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Turbidity		1.2 Miles	2019
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
9	R	Rainbow Creek	90222000				
		Manibow Creek	70222000	Iron		5 Miles	2019
					Source Unknown		
				Sulfates		5 Miles	2019
				T . ID. 1 10 II	Source Unknown		****
				Total Dissolved Solids		5 Miles	2019
					Source Unknown		
9	D	Deide Commun Const.	90462000				
9	R	Reidy Canyon Creek	90462000	Phosphorus		3.9 Miles	2019
				1 Hospitor us		O. IVIIICS	2019
					Source Unknown		
9	В	San Diego Bay	91010000				
				PCBs (Polychlorinated bipher	nyls)	10783 Acres	2019
					Source Unknown		
9	В	San Diego Bay Shoreline, 32nd St San	90822000				
		Diego Naval Station		D 41 C 14 Fee 4		102	2010
				Benthic Community Effects		103 Acres	2019
				a	Nonpoint/Point Source	402 4	****
				Sediment Toxicity		103 Acres	2019
					Nonpoint/Point Source		
9	В	San Diego Bay Shoreline, at Americas Cup	90810000				
		Harbor		Copper		88 Acres	2019
				Соррсі		oo Acres	2017
					Source Unknown		

DE GYC:		Nu se	CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION			WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
9	В	San Diego Bay Shoreline, at Coronado Cays	91010000	Copper		47 Acres	2019
					Source Unknown		
9	В	San Diego Bay Shoreline, at Glorietta Bay	91010000	Copper		52 Acres	2019
					Source Unknown		
9	В	San Diego Bay Shoreline, at Harbor Island (East Basin)	90821000	Copper		73 Acres	2019
				Соррег	Source Unknown	70 Refer	2013
9	В	San Diego Bay Shoreline, at Harbor Island (West Basin)	90810000	a		122 .	2010
				Copper	Carrage Market annual	132 Acres	2019
					Source Unknown		
9	В	San Diego Bay Shoreline, at Marriott Marina	90821000	Copper		24 Acres	2019
					Source Unknown		
9	В	San Diego Bay Shoreline, between Sampson and 28th Streets	90822000				
				Copper		53 Acres	2005
				Mercury	Nonpoint/Point Source	53 Acres	2006
					Nonnaint/Paint Course		
				PAHs (Polycyclic Aromatic H	Nonpoint/Point Source [ydrocarbons)	53 Acres	2006
					Nonpoint/Point Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated biphen	ayls)	53 Acres	2019
				Zinc	Nonpoint/Point Source	53 Acres	2019
					Nonpoint/Point Source		
9	С	San Diego Bay Shoreline, Chula Vista Marina	90912000	Commen		0.41 Miles	2019
				Copper		0.41 Miles	2019
					Source Unknown		
9	В	San Diego Bay Shoreline, Downtown Anchorage	90821000				
				Benthic Community Effects		7.4 Acres	2019
					Nonpoint/Point Source		
				Sediment Toxicity		7.4 Acres	2019
					Nonpoint/Point Source		
9	C	San Diego Bay Shoreline, G Street Pier	90821000				-007
				Indicator bacteria	71 P 00/G	0.42 Miles	2006
					Urban Runoff/Storm Sewers Unknown Nonpoint Source		
					Unknown point source		
	D	G. D. D. GL. P. GL. H.	00022000		Cimilowii point source		
9	В	San Diego Bay Shoreline, near Chollas Creek	90822000				
				Benthic Community Effects		15 Acres	2006
					Nonpoint/Point Source		
				Sediment Toxicity		15 Acres	2006
					Nonpoint/Point Source		
9	В	San Diego Bay Shoreline, near Coronado Bridge	90822000				
				Benthic Community Effects		37 Acres	2019
					Nonpoint/Point Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sediment Toxicity		37 Acres	2019
				Includes Crosby Street/Cesar	Chavez Park area, that will receive additional Nonpoint/Point Source	monitoring.	
9	В	San Diego Bay Shoreline, near sub base	90810000	Benthic Community Effects		16 Acres	2019
				·	Nonpoint/Point Source		
				Sediment Toxicity	,	16 Acres	2019
				·	Nonpoint/Point Source		
9	В	San Diego Bay Shoreline, near Switzer Creek	90821000				
				Chlordane		5.5 Acres	2019
					Urban Runoff/Storm Sewers		
					Other		
					Boatyards		
					Nonpoint/Point Source		
				Lindane/Hexachlorocyclohexa	ane (HCH)	5.5 Acres	2019
					Urban Runoff/Storm Sewers		
					Other		
					Boatyards		
					Nonpoint/Point Source		
				PAHs (Polycyclic Aromatic H	ydrocarbons)	5.5 Acres	2019
					Urban Runoff/Storm Sewers		
					Other		
					Boatyards		
					Nonpoint/Point Source		
9	В	San Diego Bay Shoreline, North of 24th Street Marine Terminal	90832000				
				Benthic Community Effects		9.5 Acres	2019
					Nonpoint/Point Source		
				Sediment Toxicity		9.5 Acres	2019
					Nonpoint/Point Source		

9 B San Diego Bay Shoreline, Seventh Street Channel Benthic Community Effects Nonpoint/Point Source Sediment Toxicity Nonpoint/Point Source 9 C San Diego Bay Shoreline, Shelter Island Shoreline Park Indicator bacteria Unknown Nonpoint Source Unknown point source 9 B San Diego Bay Shoreline, Vicinity of B St and Broadway Piers Benthic Community Effects Nonpoint/Point Source Indicator bacteria Entireted size of invariances is 0.4 wides ground the changing of the hore.	9 Acres 9 Acres 0.42 Miles	2008 2008 2006
Benthic Community Effects Nonpoint/Point Source Sediment Toxicity Nonpoint/Point Source 9	9 Acres	2008
Sediment Toxicity Nonpoint/Point Source 9		
9 C San Diego Bay Shoreline, Shelter Island Shoreline Park Indicator bacteria Unknown Nonpoint Source Unknown point Source Indicator bacteria		
9 C San Diego Bay Shoreline, Shelter Island Shoreline Park Indicator bacteria Unknown Nonpoint Source Unknown point source Unknown point source 9 B San Diego Bay Shoreline, Vicinity of B St and Broadway Piers Benthic Community Effects Nonpoint/Point Source Indicator bacteria	0.42 Miles	2006
Shoreline Park Indicator bacteria Unknown Nonpoint Source Unknown point source Unknown point source Benthic Community Effects Nonpoint/Point Source Indicator bacteria	0.42 Miles	2006
Unknown Nonpoint Source Unknown point source 9 B San Diego Bay Shoreline, Vicinity of B St and Broadway Piers Benthic Community Effects Nonpoint/Point Source Indicator bacteria	0.42 Miles	2006
9 B San Diego Bay Shoreline, Vicinity of B St and Broadway Piers Benthic Community Effects Nonpoint/Point Source Indicator bacteria		
9 B San Diego Bay Shoreline, Vicinity of B St and Broadway Piers Benthic Community Effects Nonpoint/Point Source Indicator bacteria		
and Broadway Piers Benthic Community Effects Nonpoint/Point Source Indicator bacteria		
Nonpoint/Point Source Indicator bacteria		
Indicator bacteria	9.9 Acres	2019
$F_{\alpha i \ldots \alpha i \ldots \beta} = f_{\alpha i \ldots \alpha} = f_{\alpha i \ldots$	9.9 Acres	2006
Estimated size of impairment is 0.4 miles around the shoreline of the bay. Urban Runoff/Storm Sewers		
Unknown Nonpoint Source		
Unknown point source		
Sediment Toxicity	9.9 Acres	2019
Nonpoint/Point Source	>12 11C1C5	2029
9 R San Diego River (Lower) 90711000		
9 R San Diego River (Lower) 90/11000 Fecal Coliform	16 Miles	2005
Lower 6 miles.		
Urban Runoff/Storm Sewers		
Wastewater		
Nonpoint/Point Source		
Low Dissolved Oxygen Impairment transcends adjacent Calwater wtareshed 90712.	16 Miles	2019
Impairment transcends adjacent Calwater witaresnea 90/12. Urban Runoff/Storm Sewers		
Unknown Nonpoint Source		
Unknown point source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		16 Miles	2019
			Impairment transcends adjace	ent Calwater watershed 90712.		
			¥	Urban Runoff/Storm Sewers		
				Unknown Nonpoint Source		
				Unknown point source		
			Total Dissolved Solids	Posses posses	16 Miles	2019
			Impairment transcends adjace	ent Calwater watershed 90712.	10 Miles	2019
			imp animent ir aniseenas aagace	Urban Runoff/Storm Sewers		
				Flow Regulation/Modification		
				Natural Sources		
				Unknown Nonpoint Source		
				Unknown point source		
				Challown point source		
9 E	San Elijo Lagoon	90461000				
			Eutrophic		566 Acres	2019
			Estimated size of impairment i			
				Nonpoint/Point Source		
			Indicator bacteria	150	566 Acres	2008
			Estimated size of impairment i	s 150 acres. Nonpoint/Point Source		
			G 1	Nonpoint/Foint Source	5 (()	2010
			Sedimentation/Siltation	in 150 nounce	566 Acres	2019
			Estimated size of impairment i	Nonpoint/Point Source		
				Nonpolitational Source		
9 R	San Juan Creek	90120000				
			DDE		1 Miles	2019
				a		
				Source Unknown		
			Indicator bacteria		1 Miles	2005
				Nonnaint/Daint C		
				Nonpoint/Point Source		
9 E	San Juan Creek (mouth)	90120000				
			Indicator bacteria		6.3 Acres	2008
				Nonpoint/Point Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	San Luis Rey River	90311000	Chris		10 M2	2010
				Chloride Impairment located at lower	13 miles	19 Miles	2019
				Impurment tocuteu ut tower	Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
				Total Dissolved Solids		19 Miles	2019
					Industrial Point Sources		
					Agriculture-storm runoff		
					Urban Runoff/Storm Sewers		
					Surface Mining		
					Flow Regulation/Modification		
					Natural Sources		
					Golf course activities		
					Unknown Nonpoint Source		
					Unknown point source		
9	R	San Marcos Creek	90451000	DDE		19 Miles	2019
					Source Unknown		
				Phosphorus	504166 611410 (14	19 Miles	2019
					Source Unknown		
				Sediment Toxicity		19 Miles	2019
					Source Unknown		
9	L	San Marcos Lake	90452000				
				Ammonia as Nitrogen		17 Acres	2019
				X	Source Unknown		
				Nutrients		17 Acres	2019
					Source Unknown		

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		17 Acres	2019
					Source Unknown		
9	L	San Vicente Reservoir	90721000	Chloride		1058 Acres	2019
				Color	Source Unknown	1058 Acres	2019
				Manganese	Source Unknown	1058 Acres	2019
				pH (high)	Source Unknown	1058 Acres	2019
				Sulfates	Source Unknown	1058 Acres	2019
					Source Unknown		
9	R	Sandia Creek	90222000	Iron		1.5 Miles	2019
				Manganese	Source Unknown	1.5 Miles	2019
				Nitrogen	Source Unknown	1.5 Miles	2019
				Sulfates	Source Unknown	1.5 Miles	2019
					Source Unknown		

							•
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		1.5 Miles	2019
					Urban Runoff/Storm Sewers		
					Flow Regulation/Modification		
					Natural Sources		
					Unknown Nonpoint Source		
					Unknown point source		
9	E	Santa Margarita Lagoon	90211000				
				Eutrophic		28 Acres	2019
					Nonpoint/Point Source		
9	R	Santa Margarita River (Upper)	90222000				
				Phosphorus		18 Miles	2019
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
9	R	Segunda Deshecha Creek	90130000				
				Phosphorus		0.92 Miles	2019
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
				Turbidity		0.92 Miles	2019
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
					Channelization		
					Flow Regulation/Modification		
					Unknown Nonpoint Source		
					Unknown point source		
9	R	Soledad Canyon	90610000				
				Sediment Toxicity		1.7 Miles	2019
					Source Unknown		
					Source Ulikilowii		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
9	L	Sutherland Reservoir	90553000	~ .			
				Color		561 Acres	2019
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
				Manganese		561 Acres	2019
					Source Unknown		
				pН		561 Acres	2019
					Source Unknown		
9	L	Sweetwater Reservoir	90921000	0 8 1 1		025	2010
				Oxygen, Dissolved		925 Acres	2019
					Source Unknown		
9	R	Tecolote Creek	90650000				
				Cadmium		6.6 Miles	2019
					Nonpoint/Point Source		
				Copper	romponior onic source	6.6 Miles	2019
					Nonpoint/Point Source		
				Indicator bacteria		6.6 Miles	2006
					Nonpoint/Point Source		
				Lead		6.6 Miles	2019
					Nonnaint/Daint Course		
				Phosphorus	Nonpoint/Point Source	6.6 Miles	2019
				- mospitor us		old Hilles	2017
					Source Unknown		
				Toxicity		6.6 Miles	2019
					Nonpoint/Point Source		

					SWRCB APPROVAL DAT	E. OCTOBER 25, 2000
REGION TYPE	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Turbidity		6.6 Miles	2019
			Zinc	Source Unknown	6.6 Miles	2019
				Nonpoint/Point Source		
9 R	Temecula Creek	90251000	Nitrogen		44 Miles	2019
			Phosphorus	Source Unknown	44 Miles	2019
			Total Dissolved Solids	Source Unknown	44 Miles	2019
				Source Unknown		
9 R	Tijuana River	91111000	Eutrophic		6 Miles	2019
			Indicator bacteria	Nonpoint/Point Source	6 Miles	2010
			Low Dissolved Oxygen	Nonpoint/Point Source	6 Miles	2019
			Pesticides	Nonpoint/Point Source	6 Miles	2019
			Solids	Nonpoint/Point Source	6 Miles	2019
			Synthetic Organics	Nonpoint/Point Source	6 Miles	2019
				Nonpoint/Point Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Trace Elements		6 Miles	2019
				N		
			Trash	Nonpoint/Point Source	6 Miles	2010
			1 rasn		6 Miles	2019
				Nonpoint/Point Source		
9 E Tiju	ana River Estuary	91111000				
			Eutrophic		1319 Acres	2019
			Estimated size of impairment	is 1 acre.		
				Nonpoint/Point Source		
			Indicator bacteria		1319 Acres	2010
			Estimated size of impairment	is 150 acres.		
				Nonpoint/Point Source		
			Lead		1319 Acres	2019
			Estimated size of impairment	is 1 acre.		
				Nonpoint/Point Source		
			Low Dissolved Oxygen		1319 Acres	2019
				Urban Runoff/Storm Sewers		
				Wastewater		
				Unknown Nonpoint Source		
				Unknown point source		
			Nickel		1319 Acres	2019
			Estimated size of impairment	is 1 acre.		
				Nonpoint/Point Source		
			Pesticides		1319 Acres	2019
			Estimated size of impairment	is 1 acre.		
				Nonpoint/Point Source		
			Thallium		1319 Acres	2019
			Estimated size of impairment	is 1 acre.		
				Nonpoint/Point Source		
			Trash		1319 Acres	2019
			Estimated size of impairment	is 1 acre.		
				Nonpoint/Point Source		

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION TYPE	NAME	CALWATER WATERSHED POLLU	TANT/STRESSOR POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
		Turbid	itv	1319 Acres	2019

Source Unknown

<u>ABBREVIATIONS</u>						
REG	ONAL WATER QUALITY CONTROL BOARDS	WATER 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	W=	Wetlands, Freshwater			

CALWATER WATERSHED

San Diego

"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