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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
1	В	Bodega HU, Bodega Harbor HA	11522000				
				Exotic Species		810 Acres	2019
					Source Unknown		
1	R	Bodega HU, Estero Americano HA, Americano Creek	11530000				
				Nutrients		38 Miles	2019
				(SPWs): 115.30010 and 115		tempting to increase vol	untary measures for
					Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian		
					Range Grazing-Upland		
					Intensive Animal Feeding Operations		
					Manure Lagoons		
					Dairies		
1	E	Bodega HU, Estero Americano HA, estuary	11530012				
				Nutrients		199 Acres	2019
				as was done in the Estero de	ategy is attempting to increase voluntary measu San Antonio/Stemple Creek TMDL Water Quali y Control Board (NCRWQCB) in Dec, 97.	· ·	
				-	Pasture Grazing-Riparian and/or Upland		
					Manure Lagoons		
				Sedimentation/Siltation		199 Acres	2019
					ategy is attempting to increase voluntary measu San Antonio/Stemple Creek TMDL Water Quali		
					Range Grazing-Riparian		
					Hydromodification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Nonpoint Source		
1	C	Campbell Cove	11522000				
				Indicator bacteria		0.22 Miles	2019

This listing was made by USEPA for 2006.

Source Unknown

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

			A1***				DRIE: JUNE 28, 2007
REGION	TYPE	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
					D G . D		
					Range Grazing-Riparian		
					Range Grazing-Upland		
					Silviculture		
					Harvesting, Restoration, Residue Managen	nent	
					Logging Road Construction/Maintenance		
					Construction/Land Development		
					Land Development		
					Hydromodification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
				Temperature, water		674 Miles	2019
				USEPA has committed to dev	eloping TMDLs for sediment and temperature fo Upstream Impoundment	or the Middle Main Eel I	River.
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
1	R	Eel River HU, North Fork HA	11150000				
				Temperature, water		382 Miles	2019
				USEPA Will develop a Tempo	erature TMDL for Eel River, North Fork.		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		

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

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	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	iver, includes the following Calwater P. Sedimentation, threat of sedimentation, y, impaired spawning habitat, increase B and California Department of forest. P. Rules. Silviculture	, impaired irrigation water qualit d rate and depth of flooding due t	y, impaired o sediment,
					Harvesting, Restoration, Residue	Management	
					Logging Road Construction/Main	tenance	
					Removal of Riparian Vegetation		
					Streambank Modification/Destabi	lization	
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		
1	R	Eureka Plain HU, Freshwater Creek	11000000				
				Sedimentation/Siltation		84 Miles	2019
				110.00012, 110.00014, 110.0 quality, impaired domestic si		threat of sedimentation, impaired g habitat, increased rate and depth	l irrigation water h of flooding due to
					Silviculture	M	
					Harvesting, Restoration, Residue		
					Logging Road Construction/Main Removal of Riparian Vegetation	пенансе	
					Streambank Modification/Destabi	lization	
					Erosion/Siltation	mzauon	
					Natural Sources		
					i iaiui ai Duui Co		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	В	Eureka Plain HU, Humboldt Bay	11000000	Dioxin Toxic Equivalents		16075 Acres	2019
				PCBs (Polychlorinated biphen This listing was made by USE		16075 Acres	2019
1	R	Eureka Plain HU, Jacoby Creek watershed	11000000	and 110.00013. The beneficio	Creek watershed includes the following Calval uses of Jacoby Creek appear to be threatenceek, and this decline appears to be correlated 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	ed. Specifically, records s I with sedimentation.	. ,
1	R	Klamath River HU, Butte Valley HA	10580000	N. A. Sanda		252 350	****

Nutrients 253 Miles 2019

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

Nonpoint Source

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Section 303(d) of the Federal temperature and nutrients, re plans. The United States Env The basis for listing the Klam	cce to mouth, is listed as water quality in Clean Water Act. In 1992 the SWQCB quiring the development of Total Maxin ironmental Protection Agency (USEPA) ath River as impaired was aquatic habins associated with high nutrient loads, w	proposed that the Klamath River num Daily Load (TMDL) limits and and the NCRWQCB accepted thi tat degradation due to excessively	be listed for both d implementation s action in 1993. warm water
	Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	10590000				
			Mt. Dome HSA 105.91 and To impaired (by both Oregon an State Water Quality Control I nutrients, requiring the devel United States Environmental for listing the Klamath River	River HA, Tule Lake and Mt Dome include Lake HSA 105.92. The Klamath Rivide California) under Section 303(d) of the Board (SWQCB) proposed that the Klamopment of Total Maximum Daily Load (Protection Agency (USEPA) and the NC as impaired was aquatic habitat degrad with high nutrient loads, water impound Agriculture Specialty Crop Production Agriculture-subsurface drainage Agriculture-irrigation tailwater Agricultural Return Flows Water Diversions Agricultural Water Diversion Habitat Modification Removal of Riparian Vegetation Drainage/Filling Of Wetlands Natural Sources	er, from source to mouth, is listed to Federal Clean Water Act. In 19 nath River be listed for both tempe TMDL) limits and implementation CRWQCB accepted this action in 1 lation due to excessively warm was	as water quality 192 the California trature and plans. The 1993. The basis ter temperatures

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

Agriculture-irrigation tailwater

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Organic Enrichment/Low Dis	solved Oxygen	609 Miles	2006
				icipal wastewater discharge, industrial fa ste are significant sources of organic enric		
			·	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 t 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	n, coupled with reduced riparian vegetati ated water temperatures.	ve cover and darker material o	n the channel
				Hydromodification		
				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
					le HA, Iron Gate Dam to Scott River includes d Hornbrook HSA 105.36. The Klamath Rive 3on and California.	, , ,	, ,
					Out-of-state source		
					Nonpoint/Point Source		
				Organic Enrichment/Low Dis	solved Oxygen	548 Miles	2006
				Beaver Creek HSA 105.35 an	le HA, Iron Gate Dam to Scott River includes d Hornbrook HSA 105.36. The impairment li tates Fish and Wildlife Service Report. Out-of-state source	0 0 0	, ,
					Nonpoint/Point Source		
				Temperature, water		548 Miles	2006
				The Klamath River HU, Mida Beaver Creek HSA 105.35 an	le HA, Iron Gate Dam to Scott River includes d Hornbrook HSA 105.36. Hydromodification	the following Hydrologic	Sub Areas (HSAs) :
					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, Mida Iron Gate HSA 115.37 and C	le HA, Oregon to Iron Gate Dam includes the opco HSA 105.38.	following Hydrologic Sub	o Areas (HSAs):
					Industrial Point Sources		
					Municipal Point Sources		
					Agriculture		
					Specialty Crop Production		
					Agricultural Return Flows		
					Internal Nutrient Cycling (primarily lak	es)	
					Natural Sources		
					Nonpoint Source		

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

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

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River HU, Middle HA, Scott River to Trinity River	10500000				
				Nutrients		1389 Miles	2006
					dle HA, Scott River to Trinity River include om HSA 105.31, Happy Camp HSA 105.32,		
					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
					dle HA, Scott River to Trinity River include om HSA 105.31, Happy Camp HSA 105.32,	0 0	, ,
					Industrial Point Sources		
					Municipal Point Sources		
					Combined Sewer Overflow		
					Agriculture		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Upstream Impoundment		
					Flow Regulation/Modification		

Out-of-state source

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature, water		1389 Miles	2006
					lle HA, Scott River to Trinity River includes the m HSA 105.31, Happy Camp HSA 105.32, and S	, , ,	, ,
					Hydromodification		
					Channelization		
					Dam Construction		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Water Diversions		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Natural Sources		
					Nonpoint Source		
1	L	Klamath River HU, Tule Lake and Lower Klamath Lake National Wildlife Refuge	10590000				
				pH (high)		26998 Acres	2006
				Planning Watersheds (PWS): 105.92020. The pH of surface effects on biological systems. high pH levels can increase to Photosynthetic activity of alg	Lake and Lower Klamath Lake National Wildlij Lower Klamath Lake National Wildlife Refuge water can influence the toxicity of dissolved me High pH levels influence ammonia concentration the solubility of minerals and metals, which can also effects carbonate cycling, which influences pul Wildlife Refuge are likely due to photosynthet Internal Nutrient Cycling (primarily lakes)	PWS 105.91020 and Tu aterials resulting in syne ions which can be toxic t effect fish and other aqu bH. Elevated pH levels in ic activity of algae.	tle Lake PWS ergistic and direct o fish. In addition, atic organisms.
					Nonpoint Source		
1	C	Luffenholtz Beach	10810012				
				Indicator bacteria	TR. 4 2006	0.11 Miles	2019
				This listing was made by USE	EPA for 2006. Source Unknown		
					Source Ulikilowii		

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

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

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

REGION	TVPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Mendocino Coast HU, Noyo River HA,	11320050	TOLLETANIOTRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
		Pudding Creek		Temperature, water		24 Miles	2019
					Source Unknown		
1	R	Mendocino Coast HU, Rockport HA, Ten Mile River HSA	11310000				
				Temperature, water		162 Miles	2019
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		
1	С	Moonstone County Park	10820012	Indicator bacteria		0.18 Miles	2019
				This listing was made by USE	PA for 2006.	0.10 Miles	2017
				·	Source Unknown		
1	R	Redwood Creek HU, Redwood Creek	10700000				
				Temperature, water		332 Miles	2019
				Recent (1994-2001) temperate may be a source of impairmen	ure data collected in the Redwood Creek waters. at of cold water fisheries in the river.	hed indicate that high te	emperature levels
					Logging Road Construction/Maintenance		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		

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						COLITITIO	DATE: JUNE 20, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River HU, Lower Russian River HA, Austin Creek HSA	11412000				
		IIA, Austin Citck IISA		Sedimentation/Siltation		81 Miles	2019
					River tributaries prompted listing entire Russia		
				•	Silviculture	·	
					Construction/Land Development		
					Disturbed Sites (Land Develop.)		
					Dam Construction		
					Flow Regulation/Modification		
					Erosion/Siltation		
				Temperature, water		81 Miles	2019
				municipal and domestic supp listed as a threatened species	uses supported by the Russian River include usely. The Russian River provides habitat for cohes under the federal Endangered Species Act.Receed indicate that high temperature levels may be	o salmon and steelhead tr cent (1997-2000) tempera	out, which are ture data collected
					Hydromodification		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Nonpoint Source		
1	R	Russian River HU, Lower Russian River HA, Guerneville HSA	11411000				
				Pathogens		195 Miles	2008
					e Rio area of this watershed from the confluenc Memorial Beach from the Hwy 101 crossing to a	•	
					Nonpoint/Point Source		
				pН		195 Miles	2019
				Listing only applies to Pocke	t Canyon Creek , a tributary to the lower Russi	ian River within the greate	er Guerneville HSA.

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

Source Unknown

USEPA APPROVAL DATE: JUNE 28, 2007

					USEFA AFFRUVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		195 Miles	2019
			Sediment impacts in Russian	River tributaries prompted listing entire Russia	n River watershed for sea	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 use ly. The Russian River provides habitat for coho under the federal Endangered Species Act.Rece ed indicate that high temperature levels may be	salmon and steelhead tr ent (1997-2000) temperat	out, which are ture data collected
			•	Hydromodification		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		

Nonpoint Source

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	River watershed for sed	diment .		
					Geothermal Development				
					Erosion/Siltation				
					Nonpoint Source				
				Specific Conductivity		85 Miles	2019		
					Source Unknown				
				Temperature, water		85 Miles	2019		
				The most sensitive beneficial uses supported by the Russian River include uses associated with the cold water fishery and municipal and domestic supply. The Russian River provides habitat for coho salmon and steelhead trout, which are listed as a threatened species under the federal Endangered Species Act.Recent (1997-2000) temperature data collected in the Russian River watershed indicate that high temperature levels may be a source of impairment of cold water fisheries in the watershed.					
					Flow Regulation/Modification				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Nonpoint Source				

USEPA APPROVAL DATE: JUNE 28, 2007

						USEI A AIT KOVAL	Dille: 3011E 20, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River HU, Middle Russian River HA, Geyserville HSA	11425000				
		•		Sedimentation/Siltation		242 Miles	2019
				Sediment impacts in Russian	River tributaries prompted listing entire Russia	n River watershed for sea	diment TMDL.
					Agriculture		
					Nonirrigated Crop Production		
					Irrigated Crop Production		
					Specialty Crop Production		
					Range Grazing-Riparian		
					Range Grazing-Upland		
					Agriculture-storm runoff		
					Agriculture-grazing		
					Silviculture		
					Construction/Land Development		
					Geothermal Development		
					Disturbed Sites (Land Develop.)		
					Surface Runoff		
					Resource Extraction		
					Channelization		
					Bridge Construction		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Erosion/Siltation		
					Natural Sources		

Nonpoint Source

USEPA APPROVAL DATE: JUNE 28, 2007

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Temperature, water		242 Miles	2019
			municipal and domestic suppi listed as a threatened species	y. The Russian River provides habi under the federal Endangered Spec	include uses associated with the co tat for coho salmon and steelhead to ies Act.Recent (1997-2000) tempera sels may be a source of impairment of	rout, which are sture data collected
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation	n	
				Nonpoint Source		

Low Dissolved Oxygen

11421000

Russian River HU, Middle Russian River

HA, Laguna de Santa Rosa

96 Miles

2008

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

Internal Nutrient Cycling (primarily lakes)

Nonpoint Source

Point Source

Mercury 96 Miles 2019

Source Unknown

Nitrogen 96 Miles 2019

This listing was made by USEPA.

Internal Nutrient Cycling (primarily lakes)

Nonpoint Source

Point Source

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

USEPA APPROVAL DATE: JUNE 28, 2007

						USEPA APPROVAL	DATE: JUNE 20, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River HU, Middle Russian River HA, Mark West Creek HSA	11423000				
		,		Sedimentation/Siltation		99 Miles	2019
				Russian River Watershed trib	outary sediment impairments led to listing of enti-	re watershed for sedime	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	nent	
					Construction/Land Development		
					Highway/Road/Bridge Construction		
					Land Development		
					Disturbed Sites (Land Develop.)		
					Other Urban Runoff		
					Surface Runoff		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands		
					Channel Erosion		
					Chamici El USIUII		

Erosion/Siltation

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	·		Temperature, water		99 Miles	2019
			municipal and domestic suppl listed as a threatened species	uses supported by the Russian River include use y. The Russian River provides habitat for coho under the federal Endangered Species Act.Rece d indicate that high temperature levels may be d	salmon and steelhead ti nt (1997-2000) tempera	out, which are ture data collected
				Hydromodification		
				Upstream Impoundment		
				Flow Regulation/Modification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
				Nonpoint Source		
1 R	Russian River HU, Middle Russian River HA, Santa Rosa Creek	11422000				
			Pathogens		87 Miles	2008
				Nonpoint Source		
				Point Source		

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

USEPA APPROVAL DATE: JUNE 28, 2007

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

Nonpoint Source

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

REGION T	ГҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature, water		171 Miles	2019
				municipal and domestic supp listed as a threatened species	uses supported by the Russian River include use ly. The Russian River provides habitat for coho under the federal Endangered Species Act.Rece ed indicate that high temperature levels may be	salmon and steelhead tr ent (1997-2000) tempera	out, which are ture data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		
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	ire 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	salmon and steelhead tr ent (1997-2000) tempera	out, which are ture data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Nonpoint Source		

						USEPA APPROVAL I	DATE: JUNE 28, 2007
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 en Agriculture	ntire watershed for sedimen	<i>t</i> .
					Silviculture		
					Construction/Land Development		
					Resource Extraction		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	1	
					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 u ly. The Russian River provides habitat for col under the federal Endangered Species Act.Re ed indicate that high temperature levels may b	ho salmon and steelhead tro cent (1997-2000) temperati	out, which are ure data collected
					Hydromodification		
					Upstream Impoundment		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization	1	
					Nonpoint Source		
1	C	Salmon Creek Park (South)	11521000				
				Indicator bacteria		2.3 Miles	2019
				This listing was made by USE	·		
					Source Unknown		
1	C	Trinidad State Beach	10810012	T. P. A. D. A.		0.05 3.50	2010
				Indicator bacteria This listing was made by USE	EPA for 2006	0.95 Miles	2019
				This using was made by USE	Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Trinity Lake (was Claire Engle Lake)	10640000	Mercury	Source Unknown	15985 Acres	2019
1	R	Trinity River HU, South Fork HA	10620000	Temperature, water Elevated temperatures impact of River.	coldwater fisheries. USEPA will be developing Range Grazing-Riparian Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization		2019 South Fork Trinity
1	R	Trinity River HU, Upper HA, Trinity River, East Fork	10640000		HA, Trinity River, East Fork includes the follo 106.40030 and Blue Ridge SPW 106.40040. Source Unknown	92 Miles wing Calwater Super Plan	2019 nning Watersheds
2	R	Alamitos Creek	20540041	Mercury TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin Watershed Manaş Mine Tailings	7.1 Miles gement Initiative. Additio	2006 nal monitoring and
2	L	Anderson Reservoir	20530050	Mercury	Source Unknown	1013 Acres	2019
				PCBs (Polychlorinated bipheny	vls) Source Unknown	1013 Acres	2019
2	С	Aquatic Park Beach	20340010	Indicator bacteria This listing was made by USEI	PA for 2006. Source Unknown	0.18 Miles	2019

						USEFA AFF	NOVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
2	L	Bon Tempe Reservoir	20113020					
				Mercury		120	Acres	2019
					Source Unknown			
2	R	Butano Creek	20240031					
				Sedimentation/Siltation		3.6	Miles	2019
				Impairment to steelhead habi				
					Nonpoint Source			
2	L	Calero Reservoir	20540031					
				Mercury			Acres	2006
				assessment is needed.	art of the Santa Clara Basin Watersh	ed Management Initiative.	Aaaitio	onal monitoring and
					Surface Mining			
					Mine Tailings			
2	С	Candlestick Point	20440011					
-	C	Candicates I offi	20770011	Indicator bacteria		1.6	Miles	2019
				This listing was made by USE Windsurfer Circle, and Sunny	PA for 2006. This listing includes the	e area of Candlestick Poi	nt at J ack	krabbit Beach,
					Source Unknown			
2	E	Carquinez Strait	20710020					
_	_	our quinez struit	20,10020	Chlordane		5657	Acres	2008
				This listing was made by USE	TPA.			
					Nonpoint Source			
				DDT		5657	Acres	2008
					Nonpoint Source			
				Dieldrin	-	5657	Acres	2008
				This listing was made by USE	SPA.			
					Nonpoint Source			
				Dioxin Compounds (including	2,3,7,8-TCDD)	5657	Acres	2019
					2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2, D, and OCDD. This listing was made		,8-HxCD	D, 1,2,3,7,8,9-
				Exotic Species	Atmospheric Deposition	E C E 7	Acres	2019
				_	nge pollutant availability in food cha			
				Distript matarate beninos, ena	Ballast Water	, sisrapi jood uvuiubiii	, io nuii	re species.

					USEPA APPROVAL	DATE: JUNE 28, 200'
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Furan Compounds		5657 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCD		
				Atmospheric Deposition		
			Mercury		5657 Acres	2006
				nsumption and wildlife consumption impo mining; most significant ongoing source from point sources.		0
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls)	5657 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)	5657 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		5657 Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicator i ies (control program in place) and agric chain more susceptible to accumulation o ducks); low TMDL priority because Indiv	ulture (carried downstream by i of selenium; health consumption	rivers); exotic advisory in effect
				Industrial Point Sources		
				Agriculture		
2 E Ca	astro Cove, Richmond (San Pablo Basin)	20660014				
2 2 0	Service Construction (Sun 1 abit Dasin)	2000011	Dieldrin (sediment)		71 Acres	2008
				Urban Runoff/Storm Sewers		
				Point Source		
			Mercury (sediment)		71 Acres	2006
			, v	Urban Runoff/Storm Sewers		
				Point Source		
				1 omt Source		

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

USEPA APPROVAL DATE: JUNE 28, 2007

					USEFA AFFRU	VALD	PATE: JUNE 28, 2007
REGION TY	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATE SIZE AFFEC		PROPOSED TMDL COMPLETION
			PAHs (Polycyclic Aromatic H	(ydrocarbons) (sediment)	71 A	cres	2019
				Urban Runoff/Storm Sewers			
				Point Source			
			Selenium (sediment)		71 A	cres	2019
				Urban Runoff/Storm Sewers			
				Point Source			
2 B	Central Basin, San Francisco (part of SF Bay, Central)	20440010					
			Chlordane		40 A	cres	2008
			This listing was made by USA				
				Nonpoint Source			
			DDT	CD.	40 A	cres	2008
			This listing was made by USI	Nonpoint Source			
			Dieldrin	Nonpoint Source	40 A	cros	2019
			This listing was made by USI	EPA.	40 11	CI CS	2017
			o ,	Nonpoint Source			
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	40 A	cres	2019
				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 USEI		HxCDD	, 1,2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		40 A		2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; disrup Ballast Water	t food availability t	o native	e species.
			Furan Compounds		40 A	cres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeC 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9			

Atmospheric Deposition

					USEPA APPROVAL	DATE: JUNE 28, 200
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		40 Acres	2006
			for multiple fish species incl	onsumption and wildlife consumption im, uding striped bass and shark. Major sou ācant ongoing source is erosion and drau	urce is historic: gold mining sedi	ments and local
			<i>Y J Y</i>	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 for	fish; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphe	enyls) (dioxin-like)	40 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	pounds 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	(118), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		40 Acres	2019
			contributions from oil refine species may have made food	f the food chain; most sensitive indicator ries (control program in place) and agri chain more susceptible to accumulation ducks); low TMDL priority because Ind	iculture (carried downstream by range) To of selenium; health consumption	rivers); exotic advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	C	Chicken Ranch Beach	20114033	Indicator bacteria This listing was made by USE	PA for 2006. Source Unknown	0.17 Miles	2008
2	С	China Camp Beach	20610010	Indicator bacteria This listing was made by USE	PA for 2006. Source Unknown	0.08 Miles	2019
2	С	Crissy Field Beach	20340010	Indicator bacteria This listing was made by USE	PA for 2006. This listing includes to Source Unknown	0.8 Miles the east and west areas of Crissy Fi	2019 eld.
2	L	Del Valle Reservoir	20430024	Mercury		1022 Acres	2019
				PCBs (Polychlorinated biphen	Source Unknown yls) Source Unknown	1022 Acres	2019
2	C	Golden Hinde Beach	20114033	Indicator bacteria This listing was made by USE	PA for 2006. Source Unknown	0.11 Miles	2008
2	R	Guadalupe Creek	20540050	Mercury TMDL will be developed as poassessment is needed.	art of the Santa Clara Basin Watersi Mine Tailings	8.1 Miles hed Management Initiative. Additio	2006 onal monitoring and
2	L	Guadalupe Reservoir	20540040	Mercury TMDL will be developed as peassessment is needed.	art of the Santa Clara Basin Watersi Surface Mining Mine Tailings	63 Acres hed Management Initiative. Additio	2006 onal monitoring and

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Guadalupe River	20540050				
				Mercury		18 Miles	2006
				TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin Watershed Manage	ement Initiative. Additio	nal monitoring and
					Mine Tailings		
2	C	Hearts Desire Beach	20114033				
				Indicator bacteria	DA for 2006	0.38 Miles	2008
				This listing was made by USEI	Source Unknown		
2	E	Islais Creek	20440010				
				Ammonia		46 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Chlordane (sediment)		46 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Dieldrin (sediment)		46 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Hydrogen Sulfide		46 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				PAHs (Polycyclic Aromatic Hy	drocarbons) (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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated biphen	yls)	114 Acres	2019
					Source Unknown		
2	R	Lagunitas Creek	20113020	Nutrients		17 Miles	2019
					MDLs will be developed as part of evolving wate		
					Agriculture		
				a	Urban Runoff/Storm Sewers		••••
				Sedimentation/Siltation Tributary to Tomales Bay, Tl	MDLs will be developed as part of evolving wate	17 Miles rshed management effort	2009 rt. Additional
				monitoring and assessment no	eeded.	in in the second of the second	
					Agriculture Urban Runoff/Storm Sewers		
					Orban Kunon/Storm Sewers		
2	L	Lake Chabot (Alameda Co)	20420030	Chlordane		312 Acres	2019
				DDT	Source Unknown	312 Acres	2019
				וטע		312 Acres	2019
					Source Unknown		
				Dieldrin		312 Acres	2019
					Source Unknown		
				Mercury		312 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated biphen		312 Acres	2019
					Source Unknown		
2	L	Lake Herman	20721030	Mercury Additional monitoring and as	sessment needed. Problem due to historical min	108 Acres	2019
					Surface Mining		

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Lake Merced	20210010	Low Dissolved Oxygen This listing was made by USEI	PA.	299 Acres	2019
				pH This listing was made by USEI	Source Unknown PA. Source Unknown	299 Acres	2019
2	L	Lake Merritt	20420040	Organic Enrichment/Low Disso This listing was made by USEI		142 Acres	2019
				Trash	Source Unknown Urban Runoff/Storm Sewers	142 Acres	2019
2	С	Lawsons Landing	20112030	Indicator bacteria This listing was made by USEI	PA for 2006. Source Unknown	3.2 Miles	2008
2	E	Marina Lagoon (San Mateo County)	20440040	Coliform Bacteria	Urban Runoff/Storm Sewers Nonpoint Source	169 Acres	2019
2	C	McNears Beach	20610010	Indicator bacteria This listing was made by USEI	PA for 2006. Source Unknown	0.18 Miles	2019
2	C	Millerton Point	20112032	Indicator bacteria This listing was made by USEI	PA for 2006. Source Unknown	0.25 Miles	2008
2	Е	Mission Creek	20440010	Ammonia	Industrial Point Sources Combined Sewer Overflow	8.5 Acres	2019

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			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
				Industrial Point Sources		
				Combined Sewer Overflow		
			Lead (sediment)		8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			Mercury (sediment)		8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			PAHs (Polycyclic Aromatic H	Iydrocarbons)	8.5 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			PCBs (Polychlorinated biphe	nyls) (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 Napa	ı River	20650010				
•			Nutrients		65 Miles	2008

TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.

Agriculture

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTE	PROPOSED TMDL COMPLETION
				Pathogens		65 Miles	s 2006
				TMDL will be developed as p needed.	art of ongoing watershed management effort. A	Additional monitoring	and assessment
					Agriculture		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		65 Miles	
				TMDL will be developed as p needed.	art of ongoing watershed management effort. A	Additional monitoring	and assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
2	L	Nicasio Reservoir	20113012				
				Mercury		829 Acre	s 2019
					Source Unknown		
2	В	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	20420040				
				Chlordane		0.93 Acre	s 2008
				This listing was made by USE			
					Nonpoint Source		
				Chlordane (sediment)		0.93 Acre	s 2008
					Source Unknown		
				DDT		0.93 Acre	s 2008
				This listing was made by USE			
				D' II '	Nonpoint Source	0.02	2000
				Dieldrin This listing was made by USE	ZPA	0.93 Acre	s 2008
				This tisting was made by OSE	Nonpoint Source		
				Dioxin Compounds (including	(2,3,7,8-TCDD)	0.93 Acre	s 2019
					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		CDD, 1,2,3,7,8,9-
					Atmospheric Deposition		
				Exotic Species		0.93 Acre	
				Disrupt natural benthos; cha	nge pollutant availability in food chain; disrupt Ballast Water	t food availability to n	ative species.

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					USEPA APPROVAL	DATE: JUNE 28, 200
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Furan Compounds		0.93 Acres	2019
			1 0 1	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		0.93 Acres	2006
			for multiple fish species incl	onsumption and wildlife consumption in uding striped bass and shark. Major so icant ongoing source is erosion and dra	urce is historic: gold mining sedin	nents and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphe	nyls)	0.93 Acres	2006
			This listing covers non dioxide concentration data.	n-like PCBs.Interim health advisory for	fish; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphe	nyls) (dioxin-like)	0.93 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	oounds 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	(118), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphe	• / \	0.93 Acres	2006
			This listing covers non dioxidical columnconcentration data.	n-like PCBs. Interim health advisory fo	r Jisn; uncertainty regarding wate	r
				Source Unknown		
			Sediment Toxicity		0.93 Acres	2019

Source Unknown

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 indicator in oil refineries (control program in place) of food chain more susceptible to accumulativing ducks); low TMDL priority because Industrial Point Sources	and agriculture (carried dow tion of selenium; health cons	vnstream by rivers); rumption advisory in
					Agriculture		
					Natural Sources		
					Exotic Species		
2	В	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	20420040				
				Chlordane		1.8 Acres	2008
				This listing was made by USA	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 USA	EPA.		
					Nonpoint Source		
				Dieldrin		1.8 Acres	2008
				This listing was made by US			
					Nonpoint Source		
				Dieldrin (sediment)		1.8 Acres	2008
					Source Unknown		
				Dioxin Compounds (including		1.8 Acres	
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,3 D, and OCDD. This listing was made by		DD, 1,2,3,7,8,9-
					Atmospheric Deposition		
				Exotic Species		1.8 Acres	
				Disrupt natural benthos; cha	nge pollutant availability in food chain; a	tisrupt food availability to na	tive species.
				Euron Composer de	Ballast Water	10 4	2010
				Furan Compounds	1378 TCDE 11378 DACHE 12479	1.8 Acres	
				1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4		
					Atmosphania Danasitian		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMDL COMPLETION
			Lead (sediment)		1.8	Acres	2019
			, ,	Source Unknown			
			Mercury		1.8	Acres	2006
			for multiple fish species includ	ssumption and wildlife consumption impacted us ding striped bass and shark. Major source is his ant ongoing source is erosion and drainage fron	storic: gold mir	ıing sedir	nents 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 Hy	ydrocarbons) (sediment)	1.8	Acres	2019
				Source Unknown			
			PCBs (Polychlorinated biphen	yls)	1.8	Acres	2006
			This listing covers non dioxin- concentration data.	-like PCBs.Interim health advisory for fish; unco	ertainty regardi	ng water	column
				Unknown Nonpoint Source			
			PCBs (Polychlorinated biphen	• , ,		Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	ounds 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), 2,3 ,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189).	,4,4,5-PeCB (12	23), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source			
			PCBs (Polychlorinated biphen	yls) (sediment)	1.8	Acres	2006
				Source Unknown			
			Selenium			Acres	2019
			contributions from oil refineri species may have made food c	the food chain; most sensitive indicator is hatch ies (control program in place) and agriculture (c hain more susceptible to accumulation of seleni lucks); low TMDL priority because Individual C	carried downstr ium; health cons	ream by r sumption	ivers); exotic
				Industrial Point Sources			
				Agriculture			
				Natural Sources			

Exotic Species

REGION T	YPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc (sediment)	Source Unknown	1.8 Acres	2019
2 (C	Pacific Ocean at Baker Beach	20340010	Indicator bacteria This listing was made by USEL Cove NW and NE.	PA for 2006. This listing includes the area	0.45 Miles a of Baker Beach at Lobos Cr	2019 reek, Horseshoe
2 (C	Pacific Ocean at Bolinas Beach	20130011	Indicator bacteria This listing was made by USE	PA for 2006. Source Unknown	0.39 Miles	2019
2 (C	Pacific Ocean at Fitzgerald Marine Reserve	20221012	Coliform Bacteria	Nonpoint Source	0.46 Miles	2019
2 (С	Pacific Ocean at Muir Beach	20130013	Indicator bacteria This listing was made by USE	PA for 2006. Source Unknown	0.2 Miles	2019
2 (Pacific Ocean at Pacifica State/Linda Mar Beach	20221011	Coliform Bacteria Linda Mar and San Pedro bea	uches are the areas affected. Urban Runoff/Storm Sewers Nonpoint Source	0.87 Miles	2019
2	C	Pacific Ocean at Pillar Point	20221012	Mercury	Source Unknown	0.62 Miles	2019
2 (C	Pacific Ocean at Pillar Point Beach	20221012	Coliform Bacteria		1.1 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	C	Pacific Ocean at Rockaway Beach	20221011	Coliform Bacteria	Urban Runoff/Storm Sewers Nonpoint Source	0.29 Miles	2019
2	С	Pacific Ocean at Venice Beach	20222011	Coliform Bacteria	Nonpoint Source	0.38 Miles	2019
2	R	Pescadero Creek	20240013		ish and Game and the National Marine Fisher, the State Water Board supports removing this Nonpoint Source		
2	R	Petaluma River	20630020	Diazinon Data source: Abelli-Amen, Pe	etaluma Tree Planters, 1999. Urban Runoff/Storm Sewers	22 Miles	2005
				Nutrients TMDL will be developed as p needed.	art of ongoing watershed management effort. A Agriculture Construction/Land Development Urban Runoff/Storm Sewers	22 Miles Additional monitoring an	2019 d assessment
				Pathogens TMDL will be developed as p needed.	art of ongoing watershed management effort. A Agriculture Construction/Land Development Urban Runoff/Storm Sewers	22 Miles Additional monitoring an	2019 d assessment
				Sedimentation/Siltation	Agriculture Construction/Land Development Urban Runoff/Storm Sewers	22 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Petaluma River (tidal portion)	20630040				
				Diazinon		1.1 Miles	2005
				Data source: Abelli-Amen, Pet			
					Urban Runoff/Storm Sewers		
				Nickel		1.1 Miles	2019
				Exceedance of California Toxi sediment tissue levels.	ic Rule dissolved criteria and National Toxic Ru	ıle total criteria; eleva	ted water and
					Municipal Point Sources		
					Urban Runoff/Storm Sewers		
					Atmospheric Deposition		
				Nutrients		1.1 Miles	2019
				TMDL will be developed as paneeded.	art of ongoing watershed management effort. A	dditional monitoring a	nd assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		1.1 Miles	2019
				TMDL will be developed as paneeded.	art of ongoing watershed management effort. A	dditional monitoring a	nd assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
2	R	Pomponio Creek	20240020				
4	K	топрошо стеек	20240020	Coliform Bacteria		7.1 Miles	2019
					Nonpoint Source	772 1121105	2025
					Nonpoint Source		
2	В	Richardson Bay	20312010				
				Chlordane		2439 Acres	2008
				This listing was made by USEI			
				G 110 D	Nonpoint Source		2010
				Coliform Bacteria	1 1 1 100/ 6 1	2439 Acres	2019
					urbor, is less than 10% of embayment; source he boat areas; extensive local control program in		V
				-	Urban Runoff/Storm Sewers		
					Septage Disposal		
					Boat Discharges/Vessel Wastes		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATEI SIZE AFFECT	
			DDT		2439 Acı	res 2008
			This listing was made by USA	EPA.		
				Nonpoint Source		
			Dieldrin		2439 Acr	res 2008
			This listing was made by USA	EPA.		
				Unknown Nonpoint Source		
			Dioxin Compounds (including	9 , , ,	2439 Acı	
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8- DD, and OCDD. This listing was made by US		xCDD, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		2439 Acı	res 2019
			Disrupt natural benthos; cha	ange pollutant availability in food chain; disr Ballast Water	upt food availability to	native species.
			Furan Compounds		2439 Acı	res 2019
			1 3 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-Pe , 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1		
				Atmospheric Deposition		
			Mercury		2439 Acı	
			for multiple fish species incli	onsumption and wildlife consumption impacte uding striped bass and shark. Major source i icant ongoing source is erosion and drainage	s historic: gold mining	sediments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls)	2439 Acr	res 2006
			This listing covers non dioxin concentration data.	n-like PCBs. Interim health advisory for fish,	uncertainty regarding	water column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	2439 Acı	res 2019
			(169), 2,3,3,4,4-PeCB (105),	oounds 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), 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

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						USEPA APPI	ROVAL I	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
2	Е	Sacramento San Joaquin Delta	20710010					
		1		Chlordane		41736	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				DDT		41736	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				Dieldrin		41736	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				Dioxin Compounds (including	2,3,7,8-TCDD)	41736	Acres	2019
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxC D, and OCDD. This listing was made by USEPA		8-HxCDL	0, 1,2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		41736	Acres	2019
				Disrupt natural benthos; char	nge pollutant availability in food chain; disrupt f	ood availabilit	y to nativ	e species.
					Ballast Water			
				Furan Compounds		41736	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, 1,2,3,			
					Atmospheric Deposition			
				Mercury		41736	Acres	2006
					nsumption and wildlife consumption impacted us mining; most significant ongoing source is erosic from point sources. Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Nonpoint Source			
				Nickel	304	41736	Acres	2019
				This listing was made by USE				
				non-(n.t.)	Source Unknown	44807	A	2007
				PCBs (Polychlorinated biphen	• /	41736		2006
				this listing covers non dioxin concentration data.	l-like PCBs.Interim health advisory for fish; unce	riainty regardi	ng water	соштп

Unknown Nonpoint Source

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

					JSEPA APPE	KUVAL I	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA' SIZE AFFE		PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated biphen	yls) (dioxin-like)	41736	Acres	2019
			The specific dioxin like compo (169), 2,3,3,4,4-PeCB (105), 2	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). The County of the County	1,4,5-PeCB (12	23), 2,3,3,	,4,4,5-HxCB (156),
			Selenium		41736	Acres	2019
			contributions from oil refineri species may have made food c	the food chain; most sensitive indicator is hatchai ies (control program in place) and agriculture (ca chain more susceptible to accumulation of seleniu lucks); low TMDL priority because Individual Con	ırried downstr m; health con	ream by ri sumption	ivers); exotic advisory in effect
				Industrial Point Sources			
				Agriculture			
				Natural Sources			
				Exotic Species			
2 B	San Francisco Bay, Central	20312010					
			Chlordane		70992	Acres	2008
			This listing was made by USE.				
				Nonpoint Source			•••
			DDT	TD A	70992	Acres	2008
			This listing was made by USE.	Nonpoint Source			
			Dieldrin	Tonpont Source	70992	Acres	2008
			This listing was made by USE.	PPA.	,0,,,	ricres	2000
			o ,	Nonpoint Source			
			Dioxin Compounds (including	2,3,7,8-TCDD)	70992	Acres	2019
				,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCl D, and OCDD. This listing was made by USEPA. Atmospheric Deposition	OD, 1,2,3,6,7,	8-HxCDE	0, 1,2,3,7,8,9-
			Exotic Species		70992	Acres	2019
			Disrupt natural benthos; chan	nge pollutant availability in food chain; disrupt fo Ballast Water	od availabilit	y to native	e species.
			Furan Compounds		70992	Acres	2019
				,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 _I			
				Atmospheric Deposition			

GION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TM COMPLETION
		WATERSHED		SOURCES		
			for multiple fish species incl	nsumption and wildlife consumption impauding striped bass and shark. Major source cant ongoing source is erosion and draing	ce is historic: gold mining sed	iments and local
			J	Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphe	nyls)	70992 Acres	2006
			· •	n-like PCBs.Interim health advisory for fis	sh; uncertainty regarding wate	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphe	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 (11 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 refine species may have made food	the food chain; most sensitive indicator i ries (control program in place) and agricu chain more susceptible to accumulation o ducks); low TMDL priority because Indivi	ulture (carried downstream by of selenium; health consumption	rivers); exotic n advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
2 B San Fi	rancisco Bay, Lower	20410010				
			Chlordane		92274 Acres	2008
			This listing was made by USA	EPA.		
				Nonpoint Source		
			DDT		92274 Acres	2008
			This listing was made by US	EPA.		
			· ·			
			C ,	Nonpoint Source		
			Dieldrin This listing was made by USA		92274 Acres	2008

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Dioxin Compounds (including	2,3,7,8-TCDD)	92274 Acres	2019
			1 0 1	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HD, and OCDD. This listing was made by USE. Atmospheric Deposition		DD, 1,2,3,7,8,9-
			Exotic Species	• •	92274 Acres	2019
			-	nge pollutant availability in food chain; disrup Ballast Water	ot food availability to nat	ive species.
			Furan Compounds		92274 Acres	2019
			The specific compounds are 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		1,2,3,6, 7,8,-
				Atmospheric Deposition		
			Mercury		92274 Acres	2006
			for multiple fish species include mercury mining; most significe	asumption and wildlife consumption impacted ding striped bass and shark. Major source is a transcription of the source is erosion and drainage fixter quality objective exceedances. Elevated sources Municipal Point Sources	historic: gold mining sed rom abandoned mines; m	iments and local oderate to low level
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphen	yls)	92274 Acres	2006
			This listing covers non dioxin- concentration data.	-like PCBs.Interim health advisory for fish; un	acertainty regarding wate	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (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-TCB (77), 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,	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
2 B San F	rancisco Bay, South	20510000				
			Chlordane This listing was made by USE	^T DA	9204 Acres	2008
			This listing was made by USE.	PA. Nonpoint Source		
			DDT	nonpoint Source	9204 Acres	2008
			DUI		7204 ACIES	2000
			This listing was made by USE.	TPA.		

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Dieldrin		9204 Acres	2008
			This listing was made by USE	EPA.		
				Nonpoint Source		
			Dioxin Compounds (including	(2,3,7,8-TCDD)	9204 Acres	2019
				2,3,7,8-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		9204 Acres	2019
			Disrupt natural benthos; char	nge pollutant availability in food chai Ballast Water	in; disrupt food availability to nati	ve species.
			Furan Compounds		9204 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2		
				Atmospheric Deposition		
			Mercury		9204 Acres	2006
			for multiple fish species inclumercury mining; most signific	nsumption and wildlife consumption i ding striped bass and shark. Major s cant ongoing source is erosion and dr ter quality objective exceedances. El	ource is historic: gold mining sedinage from abandoned mines; mo	ments and local oderate to low level
			• • •	Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphen	nyls)	9204 Acres	2006
			This listing covers non dioxin concentration data.	e-like PCBs.Interim health advisory fo	or fish; uncertainty regarding water	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	nyls) (dioxin-like)	9204 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	ounds are 3,4,4,5-TCB (81), 3,3,3,3-1 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCE 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	3 (118), 2,3,4,4,5-PeCB (123), 2,3,	3,4,4,5-HxCB (156),

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
					een issued by OEHHA for benthic-feeding duck at water contact recreation beneficial use (REC	s in South San		*
					Agriculture			
					Domestic Use of Ground Water			
2	R	San Francisquito Creek	20550040	Sedimentation/Siltation Impairment to steelhead habita		12	Miles	2008
					Nonpoint Source			
2	R	San Gregorio Creek	20230014	Coliform Bacteria		11	Miles	2019
				Sedimentation/Siltation Impairment to steelhead habita	Nonpoint Source	11	Miles	2019
				1	Nonpoint Source			
2	В	San Leandro Bay (part of SF Bay, Central)	20420040					
				Chlordane		588	Acres	2008
				This listing was made by USEP				
				D. II.	Nonpoint Source	# 00		2000
				Dieldrin This listing was made by USEP	24	588	Acres	2008
				This usting was made by USEF	Nonpoint Source			
				Dioxin Compounds (including 2	•	588	Acres	2019
					Atmospheric Deposition			
				Exotic Species		588	Acres	2019
				Disrupt natural benthos; chang	ge pollutant availability in food chain; disrupt f Ballast Water	food availabili	ty to nativ	ve species.
				Furan Compounds			Acres	2019
					3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCD 3-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			

Source Unknown

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		588 Acres	2006
			for multiple fish species incli	nsumption and wildlife consumption impo ding striped bass and shark. Major sour cant ongoing source is erosion and drain	ce is historic: gold mining sedi	ments and local
			j p	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 B San	ı Pablo Bay	20610010				
			Chlordane	5D4	68349 Acres	2008
			This listing was made by USI	Nonpoint Source		
			DDT	Nonpoint Source	68349 Acres	2008
			This listing was made by USI	EPA	00349 Acres	2000
			This issuing was made by CD2	Nonpoint Source		
			Dieldrin		68349 Acres	2008
			This listing was made by USA	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, D, and OCDD. This listing was made by		D, 1,2,3,7,8,9-
				Atmospheric Deposition		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTEI	PROPOSED TMD COMPLETION
			Exotic Species		68349 Acre	s 2019
			Disrupt natural benthos; char	nge pollutant availability in food ch Ballast Water	ain; disrupt food availability to no	ative species.
			Furan Compounds		68349 Acre	s 2019
			1 7 1	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		68349 Acre	2006
			for multiple fish species inclu	nsumption and wildlife consumption ding striped bass and shark. Major cant ongoing source is erosion and	source is historic: gold mining so	ediments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Nickel		68349 Acre	s 2019
			This listing was made by USE	EPA.		
				Source Unknown		
			PCBs (Polychlorinated biphen	nyls)	68349 Acres	s 2006
			This listing covers non dioxin concentration data.	a-like PCBs.Interim health advisory	for fish; uncertainty regarding wa	ter column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	nyls) (dioxin-like)	68349 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), .	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 1,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-H	CB (118), 2,3,4,4,5-PeCB (123), 2,	3,3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		68349 Acres	2019
			contributions from oil refiner species may have made food o	the food chain; most sensitive indicies (control program in place) and chain more susceptible to accumula ducks); low TMDL priority because	agriculture (carried downstream b tion of selenium; health consumpt	y rivers); exotic ion advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		

Exotic Species

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	San Pablo Reservoir	20660012	Chlordane		784 Acres	2019
				Dieldrin	Source Unknown	784 Acres	2019
				Heptachlor epoxide	Source Unknown	784 Acres	2019
				Mercury	Source Unknown	784 Acres	2019
				PCBs (Polychlorinated bipher	Atmospheric Deposition	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 Vicente Creek	20221012	Coliform Bacteria	Nonpoint Source	3.8 Miles	2019
2	L	Shadow Cliffs Reservoir	20430080	Mercury		90 Acres	2019
				PCBs (Polychlorinated bipher	Source Unknown nyls)	90 Acres	2019
					Source Unknown		

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						COLLITITIONAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Sonoma Creek	20640050				
				Nutrients		30 Miles	2008
				TMDL will be developed as poneeded.	art of ongoing watershed management effort.	Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		30 Miles	2006
				TMDL will be developed as poneeded.	art of ongoing watershed management effort.	Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		30 Miles	2008
				TMDL will be developed as poneeded.	art of ongoing watershed management effort.	Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
2	L	Soulajule Reservoir	20112012				
				Mercury		49 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated biphen	yls)	49 Acres	2019
					Source Unknown		
2	R	Stevens Creek	20550020				
2	K	Stevens Creek	20330020	Toxicity		20 Miles	2019
				•			
					Source Unknown		
2	L	Stevens Creek Reservoir	20550031				
				Chlordane		85 Acres	2019

Source Unknown

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					USEPA APPRO	JV AL L	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATI SIZE AFFEC		PROPOSED TMDL COMPLETION
			Dieldrin		85 A	cres	2019
				Source Unknown			
			Mercury		85 A	cres	2019
				Source Unknown			
			PCBs (Polychlorinated bipher	nyls)	85 A	cres	2019
				Source Unknown			
2 B	Suisun Bay	20710020					
			Chlordane		25335 A	cres	2008
			This listing was made by USI	EPA.			
				Nonpoint Source			
			DDT		25335 A	cres	2008
			This listing was made by USI	EPA.			
				Nonpoint Source			
			Dieldrin		25335 A	cres	2008
			This listing was made by USA				
				Nonpoint Source			
			Dioxin Compounds (including		25335 A		2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 DD, and OCDD. This listing was made		HxCDD), 1,2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		25335 A		2019
			Disrupt natural benthos; cha	nge pollutant availability in food chai Ballast Water	n; disrupt food availability t	to native	e species.
			Furan Compounds		25335 A	cres	2019
			The specific compounds are	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,	,7,8-PeCDF, 1,2,3,4,7,8-Hx	CDF, 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 TMDL COMPLETION
			Mercury		25335 Acres	2006
				onsumption and wildlife consumption important mining; most significant ongoing source from point sources. Industrial Point Sources Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Nickel		25335 Acres	2019
			This listing was made by US			
			DCD (D.1.11) to 4.111.1	Source Unknown	25225	2007
			PCBs (Polychlorinated biphe	nyis) n-like PCBs. Interim health advisory for	25335 Acres	2006
			concentration data.	n-uke FCBs. Interim neatin davisory for	jish, uncertainty regurating was	ter cotumn
				Unknown point source		
			PCBs (Polychlorinated biphe	nyls) (dioxin-like)	25335 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	oounds 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-HpCB	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 refine species may have made food	f the food chain; most sensitive indicator ries (control program in place) and agri- chain more susceptible to accumulation ducks); low TMDL priority because Indi Industrial Point Sources	culture (carried downstream by of selenium; health consumptio	rivers); exotic n advisory in effect
				Natural Sources		
				Exotic Species		
2 T Suis	sun Marsh Wetlands	20723000				
			Metals		66339 Acres	2019
			Additional monitoring and a			
				Agriculture		
				Urban Runoff/Storm Sewers		
				Flow Regulation/Modification		

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		POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
		Nutrients		66339 Acres	2019
		Additional monitoring and as			
			Agriculture		
			Urban Runoff/Storm Sewers		
			Flow Regulation/Modification		
		Organic Enrichment/Low Dis	• •	66339 Acres	2019
		Additional monitoring and a			
			Agriculture		
			Urban Runoff/Storm Sewers		
		a	Flow Regulation/Modification		
		Salinity/TDS/Chlorides	accompant panded	66339 Acres	2019
		Additional monitoring and a	Agriculture		
			Urban Runoff/Storm Sewers		
			Flow Regulation/Modification		
			110 W Regulation/1120anication		
2 B Tomales Bay	20114033	Mercury		8545 Acres	2010
		Current data indicate fish co for multiple fish species inclu	nsumption and wildlife consumption impacted ding striped bass and shark. Major source is cant ongoing source is erosion and drainage j	l uses: health consumption historic: gold mining sedu	advisory in effect iments and local
		1 0 1	Mine Tailings		
		Nutrients		8545 Acres	2019
			art of ongoing watershed management effort. ged first. Additional monitoring and assessma Agriculture		itas Creek and
		Sedimentation/Siltation		8545 Acres	2008
			art of ongoing watershed management effort. ged first. Additional monitoring and assessm		itas Creek and
			Agriculture		
			Upstream Impoundment		
2 R Walker Creek	20112013				
		Mercury		16 Miles	2006

Mine Tailings

Surface Mining

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nutrients		16 Miles	2019
				Tributary to Tomales Bay. T monitoring and assessment n	TMDLs will be developed as part of evolving wate needed.	ershed management effor	t. Additional
					Agriculture		
				Sedimentation/Siltation		16 Miles	2009
				Tributary to Tomales Bay. T monitoring and assessment n	MDLs will be developed as part of evolving wate needed.	ershed management effor	t. Additional
					Agriculture		
3	R	Alamo Creek	31230071				
				Fecal Coliform		7.8 Miles	2008
					Agriculture		
					Range Grazing-Riparian and/or Upland		
					Natural Sources		
3	R	Alisal Creek (Salinas)	30970093				
		impur ereen (eumus)	203.0032	Fecal Coliform		7.4 Miles	2007
					Agriculture		
					Urban Runoff/Storm Sewers		
					Natural Sources		
					Nonpoint Source		
				Nitrate		7.4 Miles	2007
					Source Unknown		
3	R	Aptos Creek	30413023	Dathogons		8.4 Miles	2019
				Pathogens Impaired length for pathogen	ns is below Bridge Creek to the mouth (approxim		2019
					Urban Runoff/Storm Sewers	,	
				Sedimentation/Siltation		8.4 Miles	2008
					Disturbed Sites (Land Develop.)		
					Channel Erosion		
3	R	Arroyo Burro Creek	31532010				
				Pathogens	V. D. 1995.	6.1 Miles	2015
					Urban Runoff/Storm Sewers		
					Nonpoint Source		

			G17 171 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Arroyo Paredon	31534010				
				Boron		5.2 Miles	2019
					Source Unknown		
				Nitrate as Nitrate (NO3)	Source Chimiowa	5.2 Miles	2019
				m • • •	Source Unknown	50.35	2010
				Toxicity		5.2 Miles	2019
					Source Unknown		
3	R	Atascadero Creek (San Luis Obispo County)	30981124				
				Fecal Coliform		5.4 Miles	2019
					Source Unknown	.	****
				Low Dissolved Oxygen	Source Unknown	5.4 Miles	2019
					Source Unknown		
3	R	Bean Creek	30412041	Sedimentation/Siltation		8.9 Miles	2019
					Road Construction		
					Disturbed Sites (Land Develop.)		
					Resource Extraction		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Bear Creek(Santa Cruz County)	30412030	Sedimentation/Siltation		6.3 Miles	2019
				Scumentation/Sittation	Silviculture	0.5 Miles	2017
					Road Construction		
					Disturbed Sites (Land Develop.)		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Bell Creek (Santa Barbara Co)	31510013	Nitara - Nitara (NO2)		1.1 3/9	2010
				Nitrate as Nitrate (NO3)		1.1 Miles	2019
					Source Unknown		

						COLLITIOTATIO	DATE: JUNE 26, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Blanco Drain	30911010				
				Pesticides		15 Miles	2008
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Agricultural Return Flows		
					Nonpoint Source		
3	R	Boulder Creek	30412020				
		2011101	00112020	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				
3	K	Brauley Canyon Creek	31210030	Ammonia (Unionized)		17 Miles	2019
				()			
					Source Unknown		
				Fecal Coliform		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		
					Source Chanown		
3	R	Bradley Channel	31210030	T 10 W		a.a. 3.e	•000
				Fecal Coliform		3.1 Miles	2008
					Source Unknown		

						COLITITIO	DATE: 3CINE 20, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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		
3	R	Canada De La Gaviota	31510031	Boron		7 Miles	2019
					C T. I		
					Source Unknown		
3	R	Carbonera Creek	30412050	Pathogens		10 Miles	2019
					U.L D \$\$154 C		
					Urban Runoff/Storm Sewers Nonpoint Source		
3	R	Carneros Creek	31531020	Ammonia (Unionized)		3.4 Miles	2019
				Ammonia (Unionizeu)		5.4 Willes	2019
					Source Unknown		
3	R	Carpinteria Creek	31534020	Pathogens		5.8 Miles	2015
				1 atmogens	Agriculture	3.6 Miles	2013
					Land Disposal		
					Septage Disposal		
3	E	Carpinteria Marsh (El Estero Marsh)	31534020	Nutrients		188 Acres	2019
				THE ICHES		100 Acres	2017
				0 17 15 17	Agriculture		•6.50
				Organic Enrichment/Low Dis	ssolved Oxygen	188 Acres	2019
					Agriculture		

						USEFA AFFRUVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Priority Organics		188 Acres	2019
					Urban Runoff/Storm Sewers		
3	R	Casmalia Canyon Creek	31300040				
				Sedimentation/Siltation		5 Miles	2019
					Source Unknown		
3	R	Cholame Creek	31700053				
				Boron		8.7 Miles	2019
					Source Unknown		
				Fecal Coliform		8.7 Miles	2019
					Agriculture		
					Pasture Grazing-Riparian and/or Upland		
					Natural Sources		
					Nonpoint Source		
3	R	Chorro Creek	31022012	N. 4 to 4		14 3/2	2005
				Nutrients		14 Miles	2005
					Municipal Point Sources		
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
				Oxygen, Dissolved		14 Miles	2019
					Source Unknown		
3	R	Chumash Creek	31022011				
				Fecal Coliform		2.1 Miles	2002
				For 2006, fecal coliform was and USEPA approval of a TM	moved by USEPA from the being addressed list b MDL. Source Unknown	pack to the 303(d) list p	ending completion
3	R	Corralitos Creek	30510010				
J	•	COLLEGE CLOCK	20210010	Fecal Coliform		13 Miles	2006
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Cuyama River	31210030	Boron		134 Miles	2019
					Source Unknown		
3	R	Dairy Creek	31022010	Fecal Coliform For 2006, fecal coliform was and USEPA approval of a TM		4.5 Miles I list back to the 303(d) list po	2004 ending completion
3	E	Elkhorn Slough	30600014	Pathogens	Natural Sources	2034 Acres	2015
				Pesticides	Nonpoint Source Agriculture Irrigated Crop Production	2034 Acres	2008
					Agriculture-storm runoff Agricultural Return Flows Erosion/Siltation Contaminated Sediments		
				Sedimentation/Siltation	Nonpoint Source Agriculture Irrigated Crop Production Agriculture-storm runoff Channel Erosion	2034 Acres	2015
3	R	Espinosa Slough	30911010	Pesticides	Nonpoint Source	1.5 Miles	2008
				Priority Organics	Agriculture Urban Runoff/Storm Sewers	1.5 Miles	2008
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Fall Creek	30412022	Sedimentation/Siltation		5.1 Miles	2019
					Road Construction		
					Habitat Modification		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Franklin Creek	31534020				
				Nitrate as Nitrate (NO3)		2.8 Miles	2019
					Source Unknown		
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
					Source Unknown		
3	E	Goleta Slough/Estuary	31531020				
				Pathogens		196 Acres	2015
					Urban Runoff/Storm Sewers		
				Priority Organics		196 Acres	2019
					Nonpoint Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Kings Creek	30412011				
				Sedimentation/Siltation		4.4 Miles	2019
					Silviculture		
					Road Construction		
					Disturbed Sites (Land Develop.)		
					Erosion/Siltation		
					Nonpoint Source		
3	R	Las Tablas Creek	30981293				
				Metals		5.7 Miles	2019
					Surface Mining		
3	R	Las Tablas Creek, North Fork	30981290				
J		Lus Tuoius Creen, North Fork	30701270	Metals		6.5 Miles	2019
					Surface Mining		
2	D	L. T. L. C. L. C. A. F. L	20001200				
3	R	Las Tablas Creek, South Fork	30981290	Metals		4.7 Miles	2019
				Tricuity	Surface Mining	iii ivilles	2015
					Surface Williams		
3	R	Llagas Creek	30530020	Chloride		16 Miles	2019
					s is located downstream of confluence with Mil		
				near Southside Drive).	is to cancer do mission of confidence missions	ier sieugn (uppremmate	ty I mate of all call
					Nonpoint Source		
					Point Source		
				Fecal Coliform		16 Miles	2011
				Impaired section for Fecal Co Pajaro River (approximately 9	liform is located between the confluence with C 9.5 miles of stream length).	Church Creek and the co	nfluence with
				. J (()	Pasture Grazing-Riparian and/or Upland		
					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		
					Habitat Modification		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			рН		16 Miles	2019
				Source Unknown		
			Sodium		16 Miles	2019
			Impaired section for Sodium near Southside Drive).	is located downstream of confluence with Miller	Slough (approximately	1 mile of stream
				Source Unknown		
				Nonpoint Source		
			Total Dissolved Solids		16 Miles	2019
				issolved Solids is located between the confluence ately 9.5 miles of stream length).	e with Church Creek and	l the confluence
				Nonpoint Source		
				Point Source		
3 R	Lompico Creek	30412040				
			Pathogens		4.5 Miles	2019
				Septage Disposal		
				Natural Sources		
				Nonpoint Source		
3 R	Los Osos Creek	31023012				
			Low Dissolved Oxygen	CD4	4.1 Miles	2015
			This listing was made by USI	Agriculture		
				Pasture Grazing-Riparian and/or Upland		
				Urban Runoff/Storm Sewers		
				Natural Sources		
		20112321		- invariat Dour Cop		
3 R	Love Creek	30412021	Sedimentation/Siltation		3.8 Miles	2019
			Scamenauon/Sitation	Agriculture	3.0 Miles	2017
				Agriculture Silviculture		
				Road Construction		
				Disturbed Sites (Land Develop.)		
				Erosion/Siltation		
				Nonpoint Source		
				ronpoint source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Main Street Canal	31210030		SOURCES	SELIMILOTED	COMILETION
				Ammonia (Unionized)		5.1 Miles	2019
					Source Unknown		
				Nitrate		5.1 Miles	2015
					Agriculture		
					Urban Runoff/Storm Sewers Nonpoint Source		
3	R	Mission Creek	31532011				
				Pathogens	Urban Runoff/Storm Sewers	8.6 Miles	2015
					Transient encampments		
				Unknown Toxicity	Urban Runoff/Storm Sewers	8.6 Miles	2019
3	В	Monterey Harbor	30950042		Of Ball Kulloli/Stof in Sewers		
-			200200-2	Metals		76 Acres	2007
				Unknown Toxicity	Railroad Slag Pile	76 Acres	2019
				·	Source Unknown		
3	E	Moro Cojo Slough	30913011	Ammonia (Unionized)		62 Acres	2019
				Animona (Chronized)		02 ACICS	2017
				Low Dissolved Oxygen	Source Unknown	62 Acres	2019
					Source Unknown		
				Pesticides	Source Chanown	62 Acres	2006
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff Agricultural Return Flows		
					Nonpoint Source		

REGION TYPE	E NAME	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 Harbor	30600014				
			Pathogens		79 Acres	2019
				Agriculture		
				Nonpoint Source		
				Boat Discharges/Vessel Wastes		
			Pesticides		79 Acres	2006
				Agriculture		
				Irrigated Crop Production		
				Specialty Crop Production		
			Sedimentation/Siltation		79 Acres	2019
				Agriculture		
				Irrigated Crop Production		
				Agriculture-storm runoff		
				Hydromodification		
				Dredging		
				Channel Erosion		
				Erosion/Siltation		
				Nonpoint Source		

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		
2	D	N.4.1.101	20011010				
3	R	Natividad Creek	30911010	Nitrate as Nitrate (NO3)		7 Miles	2019
				- 1 (- 1)			
					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	T 10 W		0.2.350	****
				Fecal Coliform		9.3 Miles	2008
					Agriculture		
					Urban Runoff/Storm Sewers Natural Sources		
					rvaturai Sources		
3	E	Old Salinas River Estuary	30911010	Ammonia (Unionized)		74 Acres	2019
				Ammonia (Umonizeu)		74 Acres	2019
					Source Unknown		

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 Orce	utt Creek	31210030	Ammonia (Unionized)		10 Miles	2019
			Boron This listing was made by USEI	Source Unknown PA. Natural Sources	10 Miles	2019
			Chlorpyrifos	Natural Sources	10 Miles	2019
			DDT	Source Unknown	10 Miles	2019
			Dieldrin	Source Unknown	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		
				Nitrate	Nonpoint Source	10 Miles	2015
				111111111111111111111111111111111111111		20 1121105	2010
					Source Unknown		
3	R	Oso Flaco Creek	31210030	Ammonia (Unionized)		6.3 Miles	2019
				Ammonia (Unionizeu)		0.5 Miles	2019
					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	31532010				
		(Santa Barbara 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 Capitola Beach (Santa Cruz County)	30413014	Indicator bacteria This listing was made by USI jetty, and west of jetty.	EPA for 2006. This listing includes the area of a Source Unknown	0.03 Miles Capitola Beach east of (2019 Capitola pier, east of
3	C	Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	31534020	E I G I'e		0.00 MI	2015
				Fecal Coliform	C II-I	0.06 Miles	2015
				Total Coliform	Source Unknown	0.06 Miles	2015
				Total Collidin	Source Unknown	v.ou ivilies	2013
3	С	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	31532011	P. 10 We		0.04 350	-0.1-
				Fecal Coliform	A	0.06 Miles	2015
					Agriculture Urban Runoff/Storm Sewers		
					Natural Sources		
					Nonpoint Source		
					Unknown Nonpoint Source		
				Total Coliform		0.06 Miles	2015
					Agriculture		
					Urban Runoff/Storm Sewers		
					Nonpoint Source Unknown Nonpoint Source		
	~	D. III. O	44865015		онкнови попроші зош се		
3	С	Pacific Ocean at East Beach (mouth of Sycamore Creek, Santa Barbara County)	31532012				
				Total Coliform		0.06 Miles	2015
					Source Unknown		
3	С	Pacific Ocean at Gaviota Beach (mouth of Canada de la Gaviota Creek, Santa Barbara County)	31510031				
		•		Total Coliform		0.06 Miles	2015
					Source Unknown		

						OSEI A AIT KOVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	С	Pacific Ocean at Goleta Beach (Santa Barbara County)	31531020	Indicator bacteria This listing was made by USEF	PA for 2006. Source Unknown	0.06 Miles	2019
3	C	Pacific Ocean at Hammonds Beach (Santa Barbara County)	31533010	Fecal Coliform	Source Unknown	0.06 Miles	2015
3	С	Pacific Ocean at Haskells Beach (Santa Barbara County)	31510012	Indicator bacteria This listing was made by USEF	PA for 2006. Source Unknown	0.06 Miles	2019
3	C	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 Total Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	0.06 Miles 0.06 Miles	2015 2015
3	С	Pacific Ocean at Leadbetter Beach (Santa Barbara County)	31532011	Indicator bacteria This listing was made by USEF	PA for 2006. Source Unknown	0.06 Miles	2019

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						USEI A AIT KO VAL	DATE: JUNE 26, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	C	Pacific Ocean at Ocean Beach (Santa	31410050				
		Barbara County)					
				Fecal Coliform		0.06 Miles	2015
					Source Unknown		
				Total Coliform		0.06 Miles	2015
					Source Unknown		
3	C	Pacific Ocean at Pismo Beach (San Luis	31026014				
		Obispo County)				0.02 350	2010
				Indicator bacteria This listing was made by USEI	24 for 2006	0.03 Miles	2019
				This listing was made by USEF	Source Unknown		
					Source Chillion II		
3	C	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	31534012				
		Rincon Ci, Santa Barbara County)		Fecal Coliform		0.06 Miles	2015
					Source Unknown		
				Total Coliform		0.06 Miles	2015
					Source Unknown		
	~		21510022		2011-00-00-00-00-00-00-00-00-00-00-00-00-		
3	C	Pacific Ocean at Refugio Beach (Santa Barbara County)	31510022				
		Zurouru county)		Total Coliform		0.06 Miles	2015
					Source Unknown		
2	C	P. 16" O AP' P. IM (C C.	20412022				
3	C	Pacific Ocean at Rio Del Mar (Santa Cruz County)	30413023				
		• /		Indicator bacteria		0.06 Miles	2019
				This listing was made by USEI	PA for 2006.		
					Source Unknown		
3	C	Pacific Ocean at Stillwater Cove Beach	30950042				
				Indicator bacteria		0.06 Miles	2019
				Č ,	PA for 2006. This listing includes the area of St	tillwater Cove Beach at	the Beach and
				Tennis Club.	Source Unknown		
					Source Chanown		
3	R	Pajaro River	30510030	_			•••
				Boron		32 Miles	2019

Source Unknown

REGION TYPE	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Fecal Coliform Impaired length is above Llag	eas Creek (approximately 4.5 miles). Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	32 Miles	2011
3 R	Pennington Creek	31022011	Fecal Coliform For 2006, fecal coliform was and USEPA approval of a TM	moved by USEPA from the being addressed list and the being addressed list and the Source Unknown	5.3 Miles back to the 303(d) list p	2004 ending completion
3 R	Prefumo Creek	31024012	Nitrate as Nitrate (NO3)	Source Unknown	7.7 Miles	2019
3 R	Quail Creek	30919000	Nitrate as Nitrate (NO3)	Source Unknown	4.2 Miles	2019
3 R	Rincon Creek	31534012	Boron	Source Unknown	10 Miles	2019
			Toxicity	Source Unknown	10 Miles	2019
3 R	Salinas Reclamation Canal	30911010	Ammonia (Unionized)		14 Miles	2019
			Fecal Coliform	Source Unknown	14 Miles	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
			Pesticides	Source Unknown	14 Miles	2008
				Minor Industrial Point Source Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows		
			Priority Organics	Nonpoint Source	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	Fecal Coliform		31 Miles	2007
			Nitrate as Nitrate (NO3)	Source Unknown	31 Miles	2019
			Nutrients	Source Unknown	31 Miles	2007
				Agriculture		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		31 Miles	2008
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Agricultural Return Flows		
					Nonpoint Source		
				Salinity/TDS/Chlorides		31 Miles	2019
					Agriculture		
					Natural Sources		
					Nonpoint Source		
				Toxaphene		31 Miles	2019
					Source Unknown		
3		Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	30917000				
	•	Mvci)		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	71 C.1 . 111 G.1. D.	72 Miles	2019
				Area affected is the lower 20	miles of the middle Salinas River. Agriculture		
					Natural Sources		
					Nonpoint Source		
					Nonpoint Bource		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	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		
					Urban Runoff/Storm Sewers		
				Sodium		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
					Nonpoint Source		
				Pesticides		197 Acres	2008
					Agriculture		
3	R	San Antonio Creek (San Antonio	31300050				
		Watershed, Rancho del las Flores Bridge at					
		Hwy 135 to downstream at Railroad Bridge)		Ammonia as Nitrogen		14 Miles	2019
				121111101111111111111111111111111111111		11 1/11/05	
					Source Unknown		
				Boron		14 Miles	2019
				This listing was made by USEF			
					Natural Sources		
				Nitrogen, Nitrite		14 Miles	2019
					Source Unknown		
3	R	San Benito River	30530020				
	••	Zome Miles	20220020	Fecal Coliform		86 Miles	2011
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	San Bernardo Creek	31022012	Fecal Coliform For 2006, fecal coliform was and USEPA approval of a TM		6.9 Miles st back to the 303(d) list p	2004 ending completion
					Source Unknown		
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	66 Acres	2019
					Natural Sources		
3	R	San Luis Obispo Creek	31024011	Nitrate as Nitrate (NO3)		1.6 Miles	2007
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	San Luisito Creek	31022011	Fecal Coliform For 2006, fecal coliform was and USEPA approval of a TM	moved by USEPA from the being addressed lis MDL. Source Unknown	6.7 Miles st back to the 303(d) list p	2004 ending completion
3	R	San Vicente Creek	30411023	Sedimentation/Siltation	an t	9.1 Miles	2019
					Silviculture		
3	R	Santa Maria River	31210030	Ammonia (Unionized)		51 Miles	2019
				Chlorpyrifos	Source Unknown	51 Miles	2015
				DDT	Source Unknown	51 Miles	2015
				Dieldrin	Source Unknown	51 Miles	2015
				Endrin	Source Unknown	51 Miles	2015
				Fecal Coliform	Source Unknown	51 Miles	2008
				Nitrate	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	51 Miles	2015
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers		=1-2-

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					COLLINITROVAL	DATE: JUNE 20, 2007
REGION TYI	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3 R	Santa Rita Creek (Monterey County)	30919000	Nitrate as Nitrate (NO3)	Source Unknown	11 Miles	2019
3 R	Santa Ynez River (below city of Lompoc to Ocean)	31410040	Nitrate as Nitrate (NO3)		3.8 Miles	2015
			Salinity/TDS/Chlorides	Source Unknown	3.8 Miles	2019
			Sedimentation/Siltation	Agriculture	3.8 Miles	2019
				Agriculture Urban Runoff/Storm Sewers Resource Extraction		
3 R	Santa Ynez River (Cachuma Lake to below city of Lompoc)	31440050	Salinity/TDS/Chlorides		43 Miles	2019
			Sedimentation/Siltation	Agriculture	43 Miles	2019
				Agriculture Urban Runoff/Storm Sewers Resource Extraction		
3 L	Schwan Lake	30412053	Nutrients	Nonpoint Source	23 Acres	2019
			Pathogens	Urban Runoff/Storm Sewers Natural Sources	23 Acres	2019
3 R	Shuman Canyon Creek	31300041	Sedimentation/Siltation		8.5 Miles	2019
				Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	S	Soda Lake	31100050	Ammonia (Unionized)	Samuel Halanana	2627 Acres	2019
3	E	Soquel Lagoon	30413014	Nutrients	Source Unknown	1.2 Acres	2019
				Pathogens	Septage Disposal Nonpoint Source Urban Runoff/Storm Sewers	1.2 Acres	2019
				Sedimentation/Siltation	Natural Sources Nonpoint Source	1.2 Acres	2011
				Scamena de la composição de la composiçã	Construction/Land Development	1.2 TREES	2011
3	R	Tembladero Slough	30911010	Ammonia (Unionized)		5 Miles	2019
				Fecal Coliform	Source Unknown	5 Miles	2007
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources		
				Nutrients		5 Miles	2006
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows		
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		5 Miles	2008
					Agriculture 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		6.2 Miles	2019
					Agriculture		
					Septage Disposal		
				Sedimentation/Siltation		6.2 Miles	2008
					Agriculture		
					Construction/Land Development		
3	R	Walters Creek	31022011	Fecal Coliform For 2006, fecal coliform was n and USEPA approval of a TM	noved by USEPA from the being addressed list b DL. Source Unknown	2.8 Miles ack to the 303(d) list p	2003 ending completion
3	R	Warden Creek	31023010	Low Dissolved Oxygen		6 Miles	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Watsonville Slough	30510030				
·		, also i i i i i i i i i i i i i i i i i i i	2022000	Pathogens		6.2 Miles	2006
				For 2006, pathogens was mov USEPA approval of a TMDL.	ved by USEPA from the being addressed list ba		ing completion and
				• • • • • • • • • • • • • • • • • • • •	Urban Runoff/Storm Sewers		
					Source Unknown		
					Nonpoint Source		
				Pesticides		6.2 Miles	2007
					Agriculture		
					Irrigated Crop Production		
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Nonpoint Source		
3	R	Zayante Creek	30412040				
				Sedimentation/Siltation		9.2 Miles	2019
					Agriculture		
					Silviculture		
					Road Construction		
					Disturbed Sites (Land Develop.)		
					Erosion/Siltation		
					Nonpoint Source		
4	C	Abalone Cove Beach	40511000				
				DDT (sediment)		1.1 Miles	2019
					Nonpoint Source		
				PCBs (Polychlorinated bipher		1.1 Miles	2019
				Fish Consumption Advisory for	Nonpoint Source		
	_		40740000		p v		
4	В	Alamitos Bay	40512000	Indicator bacteria		328 Acres	2019
					EPA for 2006. The listing includes the area of A		
				Bayshore, 2nd St. Bridge and	Bayshore, 56th Place - bayside.		
					Source Unknown		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Aliso Canyon Wash	40521000				
				Copper		10 Miles	2019
					Source Unknown		
				Fecal Coliform		10 Miles	2019
					Source Unknown		
4	C	Amarillo Beach	40431000				
				DDT		0.64 Miles	2019
				Fish Consumption Advisory fo			
					Nonpoint Source		
				PCBs (Polychlorinated biphen		0.64 Miles	2019
				Fish Consumption Advisory fo	Nonpoint Source		
	_		40545040		10240210		
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	2007
					Nonpoint Source		
4	D	Arroyo Seco Reach 2 (Figueroa St. to	40515010		·		
4	R	Riverside Dr.)	40515010				
				Coliform Bacteria		4.4 Miles	2009
					Nonpoint Source		
				Trash		4.4 Miles	2007
					Nonpoint Source		
4	С	Avalon Beach	40511000		•		
4	C	Avaion deach	40311000	Indicator bacteria		0.67 Miles	2019
					and BB restaurant (2/3), between Pier and BB re		
				Pier (1/3). and between BB re.	staurant and the Tuna Club.		
					Nonpoint/Point Source		

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REGION	TVDE	NAME	CALWATER	POLLUTANT/STRESSOR	POTENTIAL	ESTIMATED SIZE A FEE CTED	PROPOSED TMDL
REGION	TYPE		WATERSHED	PULLUTANT/STRESSUR	SOURCES	SIZE AFFECTED	COMPLETION
4	R	Ballona Creek	40513000	Cadmium (sediment)		6.5 Miles	2005
				Cyanide	Nonpoint/Point Source	6.5 Miles	2019
				Silver (sediment)	Source Unknown	6.5 Miles	2005
					Nonpoint Source		
4	R	Ballona Creek Estuary	40513000	Shellfish Harvesting Advisory		2.3 Miles	2006
					Nonpoint/Point Source		
4	Т	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	С	Big Rock Beach	40431000	DDT Fish Consumption Advisory fo	or DDT.	0.74 Miles	2019

Nonpoint Source

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for		0.74 Miles	2019
4	C	Bluff Cove Beach	40511000	DDT Fish Consumption Advisory for	r <i>DDT.</i> Nonpoint Source	0.55 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for	rls)	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	Source Unknown	13 Miles	2019
				Trash	Nonpoint/Point Source	13 Miles	2002
4	С	Cabrillo Beach (Outer)	40512000	DDT Fish consumption advisory for	DDT. Nonpoint Source	0.58 Miles	2019
				PCBs (Polychlorinated bipheny Fish consumption advisory for	rls)	0.58 Miles	2019
4	Е	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	40311000	Endosulfan (tissue) For 2006, endosulfan (tissue) v completion and USEPA approv	was moved by USEPA from the being addres: val of a TMDL. Nonpoint Source	344 Acres sed list back to the 303(d)	2005 list pending

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	40312000		BOUNCES	ODE NETECTED	COMPLETION
		una 2 on 1550 5050 list)		ChemA (tissue)		4.3 Miles	2005
				<i>V</i> 1	nd lubricants. For 2006, ChemA (tissue) was m ding completion and USEPA approval of a TMI		e being addressed
					Nonpoint Source		
				Endosulfan (tissue)		4.3 Miles	2005
				For 2006, endosulfan (tissue) completion and USEPA appro	•	d list back to the 303(d)	list pending
					Nonpoint Source		
				Fecal Coliform		4.3 Miles	2006
				Area affected is at the mouth of	·		
					Nonpoint/Point Source		
				Sedimentation/Siltation		4.3 Miles	2005
				For 2006, sedimentation/silta. completion and USEPA appro	tion was moved by USEPA from the being addre oval of a TMDL. Agriculture	essed list back to the 303	3(d) list pending
					Natural Sources		
					Naturai Sources		
4	R	Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	40312000				
		,		Chloride		3.5 Miles	2002
					Nonpoint/Point Source		
				Sedimentation/Siltation		3.5 Miles	2005
				For 2006, sedimentation/siltaccompletion and USEPA appro	tion was moved by USEPA from the being addra oval of a TMDL.	essed list back to the 303	B(d) list pending
					Agriculture		
					Natural Sources		
				Total Dissolved Solids		3.5 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to	40311000				
		Central Avenue on 1998 303d list)		Down		7.2 Miles	2019
				Boron This listing was made by USE	PPA	7.2 Willes	2019
				This usung was made by USE	Nonpoint Source		

DEGION TWO	NAME	CALWATER	DOLLA MELONING CONTROL	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
			ChemA (tissue)		7.2 Miles	2005
			J 1	and lubricants. For 2006, ChemA (tissue nding completion and USEPA approval o		e being addressed
				Nonpoint Source	, w	
			Endosulfan (tissue & sedimen	nt)	7.2 Miles	2005
			For 2006, endosulfan (tissue pending completion and USE	**	the being addressed list back to	the 303(d) list
			T 10 W	Nonpoint Source	- A 3.50	****
			Fecal Coliform		7.2 Miles	2006
				Nonpoint/Point Source		
			Sedimentation/Siltation		7.2 Miles	2005
			For 2006, sedimentation/silte completion and USEPA appr	ation was moved by USEPA from the beir oval of a TMDL.	ng addressed list back to the 303	(d) list pending
				Agriculture		
				Natural Sources		
			Sulfates	ED4	7.2 Miles	2019
			This listing was made by USI	Nonpoint Source		
			Total Dissolved Solids	Nonpoint Source	7.2 Miles	2019
			This listing was made by USA	EPA.	7.2 1,11105	2013
				Nonpoint Source		
			Trash		7.2 Miles	2019
				Nonpoint Source		
	Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	40311000				
			ChemA (tissue)		4.3 Miles	2005
			For 2006, ChemA was moved USEPA approval of a TMDL		t back to the 303(d) list pending	completion and
				Nonpoint Source		
			Dacthal (sediment)) II IIGEDA CI. I	4.3 Miles	2005
			For 2006, dacthal (sediment, completion and USEPA appr		iaressea list back to the 303(d) l	ist pending
			F. 1. 10. (** 0 **	Nonpoint Source	42.350	2005
			Endosulfan (tissue & sedimen	at) & sediment) was moved by USEPA from	4.3 Miles	2005 the 303(d) list
			pending completion and USE	EPA approval of a TMDL.	ine veing addressed list back to	ine 505(a) usi
				Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		4.3 Miles	2005
				For 2006, sedimentation/silta completion and USEPA appr	ition was moved by USEPA from the being addr oval of a TMDL.	essed list back to the 303	B(d) list pending
					Agriculture		
					Natural Sources		
				Trash		4.3 Miles	2019
					Nonpoint Source		
4	R	Calleguas Creek Reach 6 (was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	40362000				
		,		Chloride		15 Miles	2002
					Nonpoint/Point Source		
				Fecal Coliform		15 Miles	2006
					Nonpoint/Point Source		
				Sedimentation/Siltation		15 Miles	2005
				For 2006, sedimentation/silto completion and USEPA appr	ttion was moved by USEPA from the being addr oval of a TMDL.	essed list back to the 303	B(d) list pending
					Agriculture		
					Natural Sources		
				Sulfates		15 Miles	2019
					Nonpoint/Point Source		
				Total Dissolved Solids		15 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	40367000				
		Sim Reaches I and 2 on 1990 3030 list)		Boron		14 Miles	2019
					Nonpoint Source		
				Chloride	•	14 Miles	2002
					Nonpoint Source		
				Fecal Coliform	-	14 Miles	2006
					Nonpoint Source		
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${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

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REGION T	ГҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		14 Miles	2005
				For 2006, sedimentation/silta completion and USEPA appr	tion was moved by USEPA from the being oval of a TMDL.	addressed list back to the 303	B(d) list pending
					Agriculture		
					Natural Sources		
				Sulfates		14 Miles	2019
					Nonpoint Source		
				Total Dissolved Solids		14 Miles	2019
					Nonpoint Source		
4	R	Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	40366000				
		·		Boron		7.2 Miles	2019
					Nonpoint/Point Source		
				Chloride	Nonpoint one boarce	7.2 Miles	2002
				G 19 - 4 - 4 - 10 14 - 4	Nonpoint/Point Source	# 2 N/L	2005
				Sedimentation/Siltation For 2006 sedimentation/siltation	tion was moved by USEPA from the being o	7.2 Miles addressed list back to the 303	2005 S(d) list pending
				completion and USEPA appr			(a) that pertains
				Sulfates	•	7.2 Miles	2019
					Nonpoint/Point Source		
				Total Dissolved Solids		7.2 Miles	2019
					Nonpoint/Point Source		
4	R	Calleguas Creek Reach 9A (was lower part	40312000				
		of Conejo Creek Reach 1 on 1998 303d list)		ChemA (tissue)		1.7 Miles	2005
				For 2006, ChemA (tissue) wa and USEPA approval of a TM	s moved by USEPA from the being addresse IDL.	ed list back to the 303(d) list	pending completion

Nonpoint Source

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Endosulfan (tissue)		1.7 Miles	2005
			For 2006, endosulfan (tissue) completion and USEPA appr) was moved by USEPA from the being addres oval of a TMDL.	sed list back to the 303(d)	list pending
				Nonpoint Source		
			Fecal Coliform		1.7 Miles	2006
				Nonpoint/Point Source		
			Lindane/Hexachlorocyclohexa	· · ·	1.7 Miles	2005
				nd lubricants. For 2006, lindane/hexachloroc ssed list back to the 303(d) list pending compl		
			a	Nonpoint Source		
			Sulfates		1.7 Miles	2019
				Nonpoint/Point Source		
			Total Dissolved Solids		1.7 Miles	2019
				Nonpoint/Point Source		
4 R	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	40363000				
	,		ChemA (tissue)		6.2 Miles	2005
			For 2006, ChemA (tissue) wa and USEPA approval of a TM	s moved by USEPA from the being addressed ADL.	list back to the 303(d) list j	pending completion
				Nonpoint Source		
			Chloride		6.2 Miles	2002
				Nonpoint/Point Source		
			Endosulfan (tissue)		6.2 Miles	2005
			For 2006, endosulfan (tissue) completion and USEPA appr) was moved by USEPA from the being addres oval of a TMDL.	rsed list back to the 303(d)	list pending
				Nonpoint Source		•••
			Fecal Coliform		6.2 Miles	2006
				Nonpoint/Point Source		
			Sulfates		6.2 Miles	2019
				Nonpoint/Point Source		

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REGION TY	YPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		6.2 Miles	2019
					Nonpoint/Point Source		
4 I		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				
				ChemA (tissue)		3 Miles	2005
				For 2006, ChemA (tissue) was moved by USEPA from the being addressed list back to the 303(d) list pending comple and USEPA approval of a TMDL.			pending completion
					Nonpoint Source		
				Chloride		3 Miles	2019
					Nonpoint/Point Source		
				Endosulfan (tissue)		3 Miles	2005
				For 2006, endosulfan (tissue completion and USEPA appr	was moved by USEPA from the being addressed oval of a TMDL.	ed list back to the 303(d)	list pending
					Nonpoint Source		
				Fecal Coliform		3 Miles	2006
					Nonpoint Source		
				Sulfates		3 Miles	2019
					Nonpoint Source		
				Total Dissolved Solids		3 Miles	2019
					Nonpoint/Point Source		
4 I		Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	40365000				
				ChemA (tissue)		8.7 Miles	2005
				For 2006, ChemA (tissue) wo and USEPA approval of a Th	s moved by USEPA from the being addressed li	ist back to the 303(d) list	pending completion
				TI TI TI	Nonpoint Source		
				Endosulfan (tissue)	-	8.7 Miles	2005
				· · ·	was moved by USEPA from the being addresse		
				сотрыной ана обы и аррг	Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Fecal Coliform		8.7 Miles	2006
				Nonpoint/Point Source	8.7 Miles essed list back to the 303	2005 B(d) list pending
			completion and USEPA appr	oval of a TMDL. Agriculture Natural Sources		
			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
			Total Dissolved Solids	Nonpoint/Point Source	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				
			ChemA (tissue) For 2006, ChemA (tissue) wa and USEPA approval of a TM		17 Miles st back to the 303(d) list	2005 pending completion
			Chloride	Nonpoint Source	17 Miles	2002
				Nonpoint/Point Source		
			Endosulfan (tissue) For 2006, endosulfan (tissue) completion and USEPA appr) was moved by USEPA from the being addresse oval of a TMDL. Nonpoint Source	17 Miles d list back to the 303(d)	2005 list pending

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sulfates		17 Miles	2019
				Total Dissolved Solids	Nonpoint/Point Source	17 Miles	2019
					Nonpoint/Point Source		
4	R	Canada Larga (Ventura River Watershed)	40210010	Fecal Coliform Horse stables, land use, cattle,	and wildlife may be sources.	8 Miles	2019
				Low Dissolved Oxygen	Nonpoint Source	8 Miles	2019
4	С	Carbon Beach	40416000	DDT Fish Consumption Advisory for	r DDT.	1.5 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for		1.5 Miles	2019
4	C	Castlerock Beach	40513000	DDT Fish Consumption Advisory for		0.21 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for		0.21 Miles	2019
4	В	Channel Islands Harbor	40311000	Lead (sediment)		209 Acres	2019
				Zinc (sediment)	Nonpoint Source	209 Acres	2019
4	С	Channel Islands Harbor Beach	40311000	Indicator bacteria	Nonpoint/Point Source	0.08 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	T	Colorado Lagoon	40512000	Chlordane (tissue & sediment)		13 Acres	2019
				DDT (tissue)	Nonpoint Source	13 Acres	2019
				Dieldrin (tissue)	Nonpoint Source	13 Acres	2019
				Indicator bacteria	Nonpoint Source	13 Acres	2019
					PA for 2006. This listing includes the north Source Unknown		
				Lead (sediment)	Source Unknown	13 Acres	2019
				PAHs (Polycyclic Aromatic H	Nonpoint Source ydrocarbons) (sediment)	13 Acres	2019
				PCBs (Polychlorinated bipher	Nonpoint Source	13 Acres	2019
				Sediment Toxicity	Nonpoint Source	13 Acres	2019
				Zinc (sediment)	Nonpoint Source	13 Acres	2019
					Nonpoint Source		
4	R	Compton Creek	40515010	Coliform Bacteria		8.5 Miles	2009
				Trash	Nonpoint/Point Source	8.5 Miles	2019
					Source Unknown		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Coyote Creek	40515010	Coliform Bacteria		13 Miles	2019
				Copper, Dissolved	Nonpoint/Point Source	13 Miles	2006
				Diazinon	Nonpoint Source	13 Miles	2019
				Lead	Source Unknown	13 Miles	2007
				This listing was made by USE pH	PA for 2006. Source Unknown	13 Miles	2019
				Toxicity	Source Unknown	13 Miles	2008
				This listing was made by USE Zinc This listing was made by USE	Point Source	13 Miles	2007
				·	Source Unknown		
4	L	Crystal Lake	40543000	Organic Enrichment/Low Diss	solved Oxygen Nonpoint Source	3.7 Acres	2019
4	R	Dominguez Channel (lined portion above Vermont Ave)	40351000	Ammonia		6.7 Miles	2019
				Conner	Nonpoint/Point Source	67 Miles	2010
				Copper	N	6.7 Miles	2019
				Dieldrin (tissue)	Nonpoint/Point Source	6.7 Miles	2019
					Nonpoint/Point Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Indicator bacteria		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
			Chlordane (tissue)	Source Unknown	140 Acres	2019
			Chrysene (C1-C4)	Nonpoint/Point Source	140 Acres	2019
			Coliform Bacteria	Source Unknown	140 Acres	2007
				Nonpoint/Point Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			DDT (tissue & sediment)		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 Dry	y Canyon Creek	40521000	Fecal Coliform		3.9 Miles	2009
				Urban Runoff/Storm Sewers Natural Sources		
4 L Ech	ho Park Lake	40515010	Algae		13 Acres	2019
			Ammonia	Nonpoint Source	13 Acres	2019
			Copper	Nonpoint Source	13 Acres	2019
				Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Eutrophic		13 Acres	2019
			Lead	Nonpoint Source	13 Acres	2019
			Odor	Nonpoint Source	13 Acres	2019
			PCBs (Polychlorinated bipher	Nonpoint Source nyls) (tissue)	13 Acres	2019
			рН	Nonpoint Source	13 Acres	2019
			Trash	Nonpoint Source	13 Acres	2007
				Source Unknown		
4 L EID	orado Lakes	40515010	Algae		35 Acres	2019
			Ammonia	Nonpoint Source Nonpoint Source	35 Acres	2019
			Copper	Nonpoint Source	35 Acres	2019
			Eutrophic	Nonpoint Source	35 Acres	2019
			Lead	Nonpoint Source	35 Acres	2019
			Mercury (tissue)	Nonpoint Source	35 Acres	2019
			рН	Nonpoint Source	35 Acres	2019

REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR SOURCES SIZE 4 L Elizabeth Lake 40351000 Eutrophic Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Nonpoint Source pH Nonpoint Source Trash Nonpoint Source 4 C Escondido Beach 40434000	123 Acres 123 Acres 123 Acres 123 Acres 123 Acres	2019 2019 2019 2019 2019
Eutrophic Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Nonpoint Source pH Nonpoint Source Trash Nonpoint Source	123 Acres	2019 2019
Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Nonpoint Source pH Nonpoint Source Trash Nonpoint Source	123 Acres	2019 2019
Organic Enrichment/Low Dissolved Oxygen Nonpoint Source pH Nonpoint Source Trash Nonpoint Source	123 Acres	2019
Nonpoint Source pH Nonpoint Source Trash Nonpoint Source	123 Acres	2019
pH Nonpoint Source Trash Nonpoint Source		
Nonpoint Source Trash Nonpoint Source		
Trash Nonpoint Source	123 Acres	2019
Nonpoint Source	123 Acres	2019
4 C Escondido Beach 40434000		
· · · · · · · · · · · · · · · · · · ·		
DDT	1.2 Miles	2019
Fish Consumption Advisory for DDT.		
Nonpoint Source		
PCBs (Polychlorinated biphenyls)	1.2 Miles	2019
Fish Consumption Advisory for PCBs. Nonpoint Source		
4 C Flat Rock Point Beach Area 40511000 DDT	0.11 Miles	2019
Fish Consumption Advisory for DDT.	0.11 Milles	2019
Nonpoint Source		
PCBs (Polychlorinated biphenyls)	0.11 Miles	2019
Fish Consumption Advisory for PCBs.		
Nonpoint Source		
4 R Fox Barranca (tributary to Calleguas Creek 40362000		
Reach 6)		
Boron	6.7 Miles	2019
Nonpoint Source		
Sulfates	6.7 Miles	2019
Surveo		2017
Nonpoint Source		
Total Dissolved Solids	6.7 Miles	2019
Nonpoint Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	Hobie Beach (Channel Islands Harbor)	40311000				
				Indicator bacteria		0.06 Miles	2019
					Nonpoint/Point Source		
4	R	Hopper Creek	40341000				
-	K	Hopper Creek	40341000	Sulfates		13 Miles	2019
					Nonpoint/Point Source		
				Total Dissolved Solids		13 Miles	2019
				10M1 2 155011 0 15 01 M5	Nonpoint/Point Source	10 1/11/05	2022
					Tronpoint of our Source		
4	C	Inspiration Point Beach	40511000	DDT		0.14 Mil	2010
				DDT Fish Consumption Advisory for	r DDT	0.14 Miles	2019
				Fish Consumption Advisory Jos	Nonpoint Source		
				PCBs (Polychlorinated bipheny	-	0.14 Miles	2019
				Fish Consumption Advisroy for			
					Nonpoint Source		
4	C	La Costa Beach	40416000				
				DDT		0.74 Miles	2019
				Fish Consumption Advisory for	r DDT.		
					Nonpoint Source		
				PCBs (Polychlorinated bipheny		0.74 Miles	2019
				Fish Consumption Advisory for			
					Nonpoint Source		
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 Disso	olved Oxygen	18 Acres	2019
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				pН		18 Acres	2019
					Nonpoint Source		
4	L	Lake Hughes	40351000			•	****
				Algae	Nonpoint Source	21 Acres	2019
				Eutrophic		21 Acres	2019
					Nonpoint Source		
				Fish Kills	Nonpoint Source	21 Acres	2019
				Odor	Nonpoint Source	21 Acres	2019
					Nonpoint Source		
				Trash	Nonpoint Source	21 Acres	2019
4	L	Lake Lindero	40423000		Nonpoint Source		
•	L	Lake Linuero	40423000	Algae		15 Acres	2006
					Nonpoint Source		
				Chloride		15 Acres	2019
					Nonpoint Source		
				Eutrophic		15 Acres	2006
					Nonpoint Source		
				Odor		15 Acres	2006
					Nonpoint Source		
				Selenium		15 Acres	2019
					Source Unknown		
				Specific Conductivity		15 Acres	2019
					Nonpoint Source		
				Trash	* * * * * * * * * * * * * * * * * * * *	15 Acres	2019
					Nonpoint Source		
					. > <u>F</u>		

REGION T	YPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	Lake Sherwood	40426000				
				Algae		135 Acres	2006
					Nonpoint Source		
				Ammonia		135 Acres	2006
				- ·	Nonpoint Source	40= 1	•006
				Eutrophic	Nonpoint Source	135 Acres	2006
				Mercury (tissue)	Nonpoint Source	135 Acres	2019
				Mercury (ussue)	Nonpoint Source	100 Acres	201)
				Organic Enrichment/Low Dis	•	135 Acres	2006
					Nonpoint Source		
4	C	Las Flores Beach	40415000				
				DDT		1.1 Miles	2019
				Fish Consumption Advisory for	or DDT. Nonpoint Source		
				PCBs (Polychlorinated bipher	_	1.1 Miles	2019
				Fish Consumption Advisory for			
					Nonpoint Source		
4	C	Las Tunas Beach	40412000				
				DDT Fish Consumption Advisory for	or DDT	1.2 Miles	2019
				I ish Consumption Advisory j	Nonpoint Source		
				PCBs (Polychlorinated bipher	yls)	1.2 Miles	2019
				Fish Consumption Advisory for			
					Nonpoint Source		
4	R	Las Virgenes Creek	40422010	Nutrients (Algae)		12 Miles	2006
				rutitents (rigue)		12 Miles	2000
					Nonpoint Source		
				Organic Enrichment/Low Dis	solved Oxygen	12 Miles	2006
					Nonpoint Source		
				Scum/Foam-unnatural	*	12 Miles	2006
					Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		12 Miles	2019
			Selenium	Source Unknown	12 Miles	2019
			Trash	Nonpoint Source	12 Miles	2019
				Nonpoint Source		
4 L Le	egg Lake	40531000	Ammonia	Nonpoint Source	25 Acres	2019
			Copper	Nonpoint Source	25 Acres	2019
			Lead		25 Acres	2019
			Odor	Nonpoint Source	25 Acres	2019
			рН		25 Acres	2019
			Trash	Nonpoint Source	25 Acres	2019
4 L Liı	ncoln Park Lake	40515010	Ammonia	Nonpolitisource	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
				Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Diss	solved 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		
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	2019
					Nonpoint Source		
4	С	Long Beach City Beach	40512000		PA for 2006. This listing includes the beach are Coronado Ave., Granada Ave., Molina Ave., an Source Unknown		2019 h, 16th, 36th, 54th,

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	С	Long Point Beach	40511000	DDT Fish Consumption Advisory for	r DDT. Nonpoint Source	0.7 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for	vls)	0.7 Miles	2019
4	В	Los Angeles Harbor - Cabrillo Marina	40512000	DDT		77 Acres	2019
				PCBs (Polychlorinated bipheny	,	77 Acres	2019
					Source Unknown		
4	В	Los Angeles Harbor - Consolidated Slip	40512000	2-Methylnaphthalene This listing was made by USEI		36 Acres	2008
				Benthic Community Effects	Source Unknown	36 Acres	2019
				Benzo(a)pyrene (PAHs) This listing was made by USEI	Nonpoint Source PA for 2006. Source Unknown	36 Acres	2008
				Benzo[a]anthracene This listing was made by USEI		36 Acres	2008
				Cadmium (sediment) Historical use of pesticides and	l lubricants, stormwater runoff, aerial depositio Nonpoint Source	36 Acres on, and historical discharge	2019 arges for metals.
				Chlordane (tissue & sediment)	1. Onpoint Bource	36 Acres	2019
				Chromium (sediment)	Nonpoint Source	36 Acres	2019
					Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Chrysene (C1-C4)		36 Acres	2008
			This listing was made by USA	EPA for 2006.		
				Source Unknown		
			Copper (sediment)		36 Acres	2019
				Nonpoint Source		
			DDT (tissue & sediment)		36 Acres	2019
			Fish Consumption Advisory j	for DDT.		
				Nonpoint Source		
			Dieldrin		36 Acres	2008
				Nonpoint Source		
			Lead (sediment)		36 Acres	2019
				Nonpoint Source		
			Mercury (sediment)		36 Acres	2019
			Historical use of pesticides a	and lubricants, stormwater runoff, aer Nonpoint Source	ial deposition, and historical discha	urges for metals.
			PCBs (Polychlorinated bipher	=	36 Acres	2019
			Fish Consumption Advisory			
				Nonpoint Source		
			Phenanthrene		36 Acres	2008
			This listing was made by USA	EPA for 2006.		
				Source Unknown		
			Pyrene		36 Acres	2008
			This listing was made by USA	EPA for 2006.		
				Source Unknown		
			Sediment Toxicity		36 Acres	2019
				Nonpoint Source		
			Toxaphene (tissue)		36 Acres	2019
				Nonpoint Source		
			Zinc (sediment)		36 Acres	2019
			Historical use of pesticides a	and lubricants, stormwater runoff, aer Nonpoint Source	ial deposition, and historical discho	arges for metals.

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

			CALWATER		DOMENTOLAT		PROPOSED TMDL
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	COMPLETION
4	В	Los Angeles Harbor - Fish Harbor	40518000				
				Benzo(a)pyrene (PAHs)		91 Acres	2008
				This listing was made by USI	EPA for 2006. Source Unknown		
				Benzo[a]anthracene	Source Chanown	91 Acres	2019
				an i	Source Unknown	04 4	2010
				Chlordane		91 Acres	2019
					Source Unknown		
				Chrysene (C1-C4)		91 Acres	2019
					Source Unknown		
				Copper		91 Acres	2019
				DDT	Source Unknown	91 Acres	2019
				DD1		71 Acres	2017
					Nonpoint Source		
				Dibenz[a,h]anthracene		91 Acres	2019
					Source Unknown		
				Lead		91 Acres	2019
					Source Unknown		
				Mercury	Source Challown	91 Acres	2019
				DA II- (D-11: - A4: - II	Source Unknown	91 Acres	2010
				PAHs (Polycyclic Aromatic H	ydrocarbons)	91 Acres	2019
					Nonpoint Source		
				PCBs (Polychlorinated bipher	nyls)	91 Acres	2019
					Nonpoint Source		
				Phenanthrene	-	91 Acres	2019
					Course Universe		
					Source Unknown		

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

REGION T	YPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pyrene		91 Acres	2019
				Sediment Toxicity	Source Unknown	91 Acres	2019
				Zinc	Source Unknown	91 Acres	2019
					Source Unknown		
4		Los Angeles Harbor - Inner Cabrillo Beach Area	40512000				
				Copper		82 Acres	2019
				DDT	Source Unknown	82 Acres	2019
				Fish Consumption Advisory f	for DDT. Nonpoint Source		
				PCBs (Polychlorinated bipher Fish Consumption Advisory f	for PCBs.	82 Acres	2019
4	E	Los Angeles River Estuary (Queensway	40512000		Nonpoint Source		
.		Bay)	40312000	Chlordane (sediment) Historical use of pesticides a	nd lubricants.	207 Acres	2019
				DDT (sediment) Historical use of pesticides a		207 Acres	2019
				Lead (sediment) Historical use of pesticides a		207 Acres	2019
				PCBs (Polychlorinated bipher Historical use of pesticides a	nd lubricants.	207 Acres	2019
				Sediment Toxicity	Nonpoint Source	207 Acres	2019
					Source Unknown		

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

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Los Angeles River Reach 4 (Sepulveda Dr.	40521000				
		to Sepulveda Dam)		Coliform Bacteria		11 Miles	2009
				Comorni Bacteria		11 Miles	2007
					Nonpoint/Point Source		
				Trash		11 Miles	2007
					Source Unknown		
4	R	Los Angeles River Reach 5 (within Sepulveda Basin)	40521000				
		Sepurcua Basin)		Oil		1.9 Miles	2019
					Namaint/Daint Saures		
				Trash	Nonpoint/Point Source	1.9 Miles	2007
					Nonpoint/Point Source		
4	R	Los Angeles River Reach 6 (Above Sepulveda Flood Control Basin)	40521000				
		Separveur Frood Control Bushi		1,1-Dichloroethane (1,1-DCE)	/Vinylidene chloride	7 Miles	2019
					Nonpoint Source		
				Coliform Bacteria	Nonpoint Source	7 Miles	2009
				T-4	Nonpoint Source	7 Miles	2010
				Tetrachloroethylene/PCE		/ Willes	2019
					Nonpoint Source		
				Trichloroethylene/TCE		7 Miles	2019
					Nonpoint Source		
4	В	Los Angeles/Long Beach Inner Harbor	40518000				
				Beach Closures		3003 Acres	2004
					Nonpoint/Point Source		
				Benthic Community Effects		3003 Acres	2019
					Nonpoint Source		
					1 tomponie Dour ee		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Copper		3003 Acres	2008
			This listing was made by USE	· ·		
			DDT	Source Unknown	2002	2019
			ועע	Nonpoint/Point Source	3003 Acres	2019
			PCBs (Polychlorinated bipher	_	3003 Acres	2019
			1 ODS (1 OL) CIMOLINATE SIPILO	Nonpoint/Point Source	2002 110105	_022
			Sediment Toxicity	•	3003 Acres	2019
				Nonpoint/Point Source		
			Zinc		3003 Acres	2008
			This listing was made by USE			
				Source Unknown		
4 B	Los Angeles/Long Beach Outer Harbor (inside breakwater)	40512000				
	,		DDT		4042 Acres	2019
				N		
			PCBs (Polychlorinated bipher	Nonpoint Source	4042 Acres	2019
			1 CDs (1 orycmormated orpher	1915)	4042 Acres	2017
				Nonpoint Source		
			Sediment Toxicity		4042 Acres	2008
			This listing was made by USE	EPA for 2006. Source Unknown		
4 T	Los Cerritos Channel	40515010		Source chantown		
4 T	Los Cerritos Channel	40515010	Ammonia		31 Acres	2019
				Nonpoint Source	·	
			Bis(2ethylhexyl)phthalate/DE	НР	31 Acres	2019
				Source Unknown		
			Chlordane (sediment)		31 Acres	2019
			Coliform Bacteria	Source Unknown	31 Acres	2019
			сошоги вассета		31 Acres	2019
				Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Copper		31 Acres	2019
				Nonpoint Source		
			Lead	1 tonpoint Source	31 Acres	2019
				N		
			Trash	Nonpoint Source	31 Acres	2019
			114311		or meres	2017
				Source Unknown		
			Zinc		31 Acres	2019
				Nonpoint Source		
4 L M	lachado Lake (Harbor Park Lake)	40512000				
			Algae		45 Acres	2019
			Ammonia	Nonpoint Source	45 Acres	2019
			Ammonia	Nonpoint Source	45 Actes	2019
			ChemA (tissue)	•	45 Acres	2019
			Historical use of pesticides a			
			Chlordane (tissue)	Nonpoint Source	45 Acres	2019
			Fish Consumption Advisory.		45 IXICS	2017
				Nonpoint Source		
			DDT (tissue) Fish Consumption Advisory.		45 Acres	2019
			T ish Consumption Navisory.	Nonpoint Source		
			Dieldrin (tissue)		45 Acres	2019
				Nonpoint Source		
			Eutrophic	N	45 Acres	2019
			Odor	Nonpoint Source	45 Acres	2019
			Outi	Nonpoint Source	42 ACICS	2017
			PCBs (Polychlorinated bipher	_	45 Acres	2019
				Nonpoint Source		

REGION '	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trash		45 Acres	2019
					Nonpoint Source		
4	C	Malaga Cove Beach	40511000				
				DDT		0.39 Miles	2019
				Fish Consumption Advisory f			
				DCD- (D-1	Nonpoint Source	0.20 Mil	2010
				PCBs (Polychlorinated bipher Fish Consumption Advisory f		0.39 Miles	2019
				I ish Consumption Advisory	Nonpoint Source		
4	L	Malibou Lake	40424000		•		
4	L	Manbou Lake	40424000	Algae		40 Acres	2006
				8	Nonpoint Source		
				Eutrophic	- · · · - · · · · · · · · · · · · · · ·	40 Acres	2006
				•	Nonpoint Source		
				Organic Enrichment/Low Dis	_	40 Acres	2006
					Nonpoint Source		
4	С	Malibu Beach	40421000				
7	C	Mandu 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
					D o Contact		
				Natainata (Alaaa)	Dam Construction	11 M21	2007
				Nutrients (Algae)		11 Miles	2006
					Nonpoint/Point Source		
				Scum/Foam-unnatural		11 Miles	2006
					Nonpoint/Point Source		
				Sedimentation/Siltation		11 Miles	2019

		WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Selenium		11 Miles	2019
			Sulfates	Source Unknown	11 Miles	2019
			Trash	Source Unknown	11 Miles	2019
				Nonpoint Source		
4 E Malibu I	Lagoon	40421000	Benthic Community Effects		15 Acres	2019
			Eutrophic	Nonpoint/Point Source	15 Acres	2006
			pH Possible sources might be septi	Nonpoint/Point Source ic systems, storm drains, and birds.	15 Acres	2006
			Shellfish Harvesting Advisory	Source Unknown	15 Acres	2005
			Swimming Restrictions	Nonpoint/Point Source	15 Acres	2005
			Viruses (enteric)	Nonpoint/Point Source	15 Acres	2005
				Nonpoint/Point Source		
4 C Malibu I	Lagoon Beach (Surfrider)	40421000	DDT Fish Consumption Advisory for		1 Miles	2019
			PCBs (Polychlorinated bipheny Fish Consumption Advisory for		1 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	В	Marina del Rey Harbor - Back Basins	40517000				
				DDT (tissue)		391 Acres	2005
					noved by USEPA from the being addressed l	ist back to the 303(d) list pe	nding completion
				and USEPA approval of a TM	Nonpoint Source		
				Dieldrin (tissue)		391 Acres	2005
				` '	as moved by USEPA from the being addresse		pending
				completion and USEPA appro	· ·		
					Nonpoint Source		
4	R	Matilija Creek Reach 1 (Jct. With N. Fork	40220012				
		to Reservoir)		Fish Barriers (Fish Passage)		0.63 Miles	2019
				Tibli Bulliold (Tibli Tubbugo)	Dam Construction	0,000	
4	R	Matilija Creek Reach 2 (Above Reservoir)	40220010	Fish Barriers (Fish Passage)		15 Miles	2019
				rish Darriers (Fish Fassage)	Dam Construction	13 WHICS	2017
					Dani Construction		
4	L	Matilija Reservoir	40220012	Fish Barriers (Fish Passage)		121 Acres	2019
				rish Darriers (Fish 1 assage)	Dam Construction	121 Acres	2019
					Dani Constituction		
4	R	McCoy Canyon Creek	40521000	Fecal Coliform		4 3/01	2000
				recai Conform		4 Miles	2009
					Nonpoint Source		
				Nitrate	_	4 Miles	2019
					Nonpoint Source		
				Nitrogen, Nitrate		4 Miles	2019
					Urban Runoff/Storm Sewers		
					Natural Sources		
		Market	40344000				
4	L	McGrath Lake	40311000	Chlordane (sediment)		20 Acres	2019
				Smoraum (seument)	Nonpoint Source	20 Refes	2017
				DDT (sediment)	Tronponit Doutee	20 Acres	2019
				222 (Seament)	Nonpoint Source	20 110103	=012
					1 to a point bource		

REGION '	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Dieldrin (sediment)		20 Acres	2019
				Historical use of pesticides a	nd lubricants, storm water runoff/aerial deposit	tion from agricultural fiel	lds.
				E I C Pe	Nonpoint Source	20. 4	2010
				Fecal Coliform	A:14	20 Acres	2019
					Agriculture Landfills		
					Natural Sources		
				PCBs (Polychlorinated bipher		20 Acres	2019
					nd lubricants, storm water runoff/aerial deposit		
					Nonpoint Source		
				Sediment Toxicity		20 Acres	2019
					Nonpoint Source		
4		Medea Creek Reach 1 (Lake to Confl. with	40424000				
		Lindero)		Algae		2.6 Miles	2006
				Aigat		2.0 Miles	2000
					Nonpoint Source		
				Sedimentation/Siltation		2.6 Miles	2019
					Source Unknown		
				Selenium	Source Unknown	2.6 Miles	2019
				Scientini		2.0 Willes	2017
					Nonpoint Source		
				Trash		2.6 Miles	2019
					Nonnaint Course		
					Nonpoint Source		
4		Medea Creek Reach 2 (Abv Confl. with Lindero)	40423000				
				Algae		5.4 Miles	2006
					Nonpoint Source		
				Sedimentation/Siltation		5.4 Miles	2019
					Source Unknown		
				Selenium		5.4 Miles	2019
					Nonpoint Source		
				D 100 0000			

						USEFA APPROVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trash		5.4 Miles	2019
					Nonpoint Source		
4	R	Mint Canyon Creek Reach 1 (Confl to	40351000				
		Rowler Cyn)		Nitrate and Nitrite		8.1 Miles	2004
					Nonpoint Source		
4	L	Munz Lake	40351000				
				Eutrophic		6.6 Acres	2019
					Nonpoint Source		
				Trash		6.6 Acres	2019
					Nonpoint Source		
4	C	Nicholas Canyon Beach	40444000	DDT		17 372	2010
				DDT Fish Consumption Advisory	for DDT.	1.7 Miles	2019
				Tion Commingnon Larmony	Nonpoint Source		
				PCBs (Polychlorinated bipher	nyls)	1.7 Miles	2019
				Fish Consumption Advisory j			
					Nonpoint Source		
4	C	Ormond Beach	40311000	T. P. A. B. A. I		17. 369	2000
				Indicator bacteria This listing was made by USA	EPA for 2006. This listing includes the are	1.6 Miles	2008 Oxnard Drain, and
				Arnold Rd.	221170. 2000. 1.110 11311118 1110111110 1110 1110	a of ormona Beach are sun, o	ware Drawn, and
					Source Unknown		
4	C	Palo Verde Shoreline Park Beach	40511000				
				Pesticides		0.24 Miles	2019
					Source Unknown		
4	С	Paradise Cove Beach	40435000				
-	C	Taradise Cove Beach	40433000	DDT		1.7 Miles	2019
				Fish consumption advisory fo	or DDT.		
					Nonpoint Source		
				PCBs (Polychlorinated bipher		1.7 Miles	2019
				Fish consumption advisory fo	Nonpoint Source		
					P Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	Peck Road Park Lake	40531000	Chlordane (tissue)		103 Acres	2019
				DDT (tissue)	Nonpoint Source	103 Acres	2019
				Lead	Nonpoint Source	103 Acres	2019
				Odor	Nonpoint Source	103 Acres	2019
				Organic Enrichment/Low Diss	Nonpoint Source solved Oxygen	103 Acres	2019
				Trash	Nonpoint Source	103 Acres	2007
					Nonpoint Source		
4	С	Peninsula Beach	40311000	Indicator bacteria Area affected is beach area no	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				
		Santa Pencia Dain to neatwaters)		Chloride		67 Miles	2019
				pН	Source Unknown	67 Miles	2019
					Nonpoint Source Conservation Discharge Releases		
4	C	Point Dume Beach	40435000	DDT Fish consumption advisory for	r DDT. Nonpoint Source	2.5 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated biphen Fish consumtiion advisory for	• '	2.5 Miles	2019
4	C	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	• '	1.6 Miles	2019
4	R	Pole Creek (trib to Santa Clara River Reach 3)	40331000				
				Sulfates	Nonpoint Source	9 Miles	2019
				Total Dissolved Solids	Nonpoint Source	9 Miles	2019
4	В	Port Hueneme Harbor (Back Basins)	40311000	DDT (tissue)	Nonpoint Source	65 Acres	2019
				PCBs (Polychlorinated biphen	yls) (tissue) Nonpoint Source	65 Acres	2019
4	С	Port Hueneme Pier	40311000	PCBs (Polychlorinated biphen	yls)	0.33 Miles	2019
					Source Unknown		
4	С	Portuguese Bend Beach	40511000	DDT Fish Consumption Advisory for		1.4 Miles	2019
				PCBs (Polychlorinated biphen Fish Consumption Advisory for	• '	1.4 Miles	2019
4	L	Puddingstone Reservoir	40552000	Chlordane (tissue)	Nonpoint Source	243 Acres	2019

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			DDT (tissue)		243 Acres	2019
				Nonpoint Source		
			Mercury (tissue)		243 Acres	2019
				Nonpoint Source		
			Organic Enrichment/Low Disso	olved Oxygen	243 Acres	2019
				Nonpoint Source		
			PCBs (Polychlorinated bipheny		243 Acres	2019
				Nonpoint Source		
4 C	Puerco Beach	40431000				
			DDT Fish Consumption Advisory for	" DDT	0.5 Miles	2019
			Fish Consumption Advisory for	Nonpoint Source		
			PCBs (Polychlorinated bipheny	_	0.5 Miles	2019
			Fish Consumption Advisory for			
				Nonpoint Source		
4 C	Redondo Beach	40512000				
			DDT	" DDT	1.5 Miles	2019
			Fish Consumption Advisory for	Nonpoint Source		
			PCBs (Polychlorinated bipheny		1.5 Miles	2019
			Fish Consumption Advisory for			
				Nonpoint Source		
4 C	Rincon Beach	40100010				
			Indicator bacteria	rds south of mouth of Rincon Creek, and	0.09 Miles	2003
			Area affectea is 50 ana 150 ya	Nonpoint/Point Source	ai ine ena oj ine jooipain.	
4 R	Rio De Santa Clara/Oxnard Drain No. 3	40311000		•		
4 K	Mu De Santa Ciara/Oxhafu Dfani No. 3	40311000	ChemA (tissue)		1.9 Miles	2019
				Nonpoint Source		
			Chlordane (tissue)		1.9 Miles	2019
				Nonpoint Source		
			DDT (tissue)		1.9 Miles	2019
				Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrogen		1.9 Miles	2019
				PCBs (Polychlorinated bipheny	Nonpoint Source vls) (tissue) Nonpoint Source	1.9 Miles	2019
				Sediment Toxicity	Nonpoint Source	1.9 Miles	2019
				Toxaphene (tissue)	Nonpoint Source	1.9 Miles	2019
					Nonpoint Source		
4	R	Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	40515010	Coliform Bacteria		4.6 Miles	2009
				Trash	Nonpoint/Point Source	4.6 Miles	2007
					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
				DDT Fish Consumption Advisory for	Nonpoint Source r DDT. Nonpoint Source	1.2 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for	vls)	1.2 Miles	2019
4	C	Royal Palms Beach	40511000	DDT Fish consumption advisory for	DDT. Nonpoint Source	1.1 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipher	nyls)	1.1 Miles	2019
				Fish consumption advisory fo	r PCBs.		
					Nonpoint Source		
4	R	San Antonio Creek (Tributary to Ventura River Reach 4)	40220023				
		,		Nitrogen		9.8 Miles	2019
					Nonpoint Source		
4	C	S. D. J. D. J.	40210000		·		
4	С	San Buenaventura Beach	40210000	Indicator bacteria		1.8 Miles	2008
					EPA for 2006. This listing includes the area of		
				Jon Rd, Dover Lane, and Wey		gan Buchavehiara Beach	ai Kaiorama, 5an
					Source Unknown		
4	R	San Gabriel River Estuary	40516000				
-		,		Copper		3.4 Miles	2007
				This listing was made by USE	EPA for 2006.		
					Source Unknown		
4	R	San Gabriel River Reach 1 (Estuary to	40515010				
•		Firestone)	40515010				
				Coliform Bacteria		6.4 Miles	2019
					Nonpoint/Point Source		
				pН		6.4 Miles	2019
					Source Unknown		
4	R	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam	40515010				
				Coliform Bacteria		12 Miles	2019
					N		
					Nonpoint/Point Source		
				Lead		12 Miles	2019
					Namaint/Daint Sauras		
					Nonpoint/Point Source		
4	R	San Jose Creek Reach 1 (SG Confluence to	40531000				
		Temple St.)		Coliform Bacteria		2.7 Miles	2019
				сошогш расцегіа		2.7 Miles	2019
					Nonpoint/Point Source		
					1 tompoint a onit bource		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium This listing was made by USEF		2.7 Miles	2007
				Toxicity This listing was made by USEF	PA for 2006. Source Unknown	2.7 Miles	2007
4	R	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	40531000	Coliform Bacteria		17 Miles	2019
					Nonpoint/Point Source		
4	В	San Pedro Bay Near/Off Shore Zones	40512000	Chlordane		8173 Acres	2019
				Chromium (sediment)	Source Unknown	8173 Acres	2019
				Copper (sediment)	Nonpoint/Point Source	8173 Acres	2019
				DDT (tissue & sediment) Fish Consumption Advisory for		8173 Acres	2019
				PAHs (Polycyclic Aromatic Hyd	Nonpoint/Point Source drocarbons) (sediment)	8173 Acres	2019
				PCBs (Polychlorinated bipheny Fish consumption advisory for	PCBs.	8173 Acres	2019
				Sediment Toxicity	Nonpoint/Point Source	8173 Acres	2019
				Zinc (sediment)	Nonpoint/Point Source	8173 Acres	2019
					Nonpoint/Point Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	E	Santa Clara River Estuary	40311000	ChemA		49 Acres	2019
				Coliform Bacteria	Source Unknown	49 Acres	2019
				Toxaphene	Nonpoint Source Nonpoint Source	49 Acres	2019
4	R	Santa Clara River Reach 1 (Estuary to Hwy 101 Bridge)	40311000	Toxicity		10 Miles	2019
				Toachy	Source Unknown	To Miles	2017
4	R	Santa Clara River Reach 3 (Freeman Diversion to A Street)	40331000	Total Dissolved Solids		31 Miles	2019
					Nonpoint/Point Source		
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
				Coliform Bacteria	Source Unknown	5.2 Miles	2019
				Diazinon	Nonpoint/Point Source	5.2 Miles	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			WILLERSTED	Toxicity	BOCKELS	5.2 Miles	2019
					Source Unknown		
			402.540.00		Source Unknown		
4	R	Santa Clara River Reach 7 (Bouquet Canyon Rd to above Lang Gaging Station) (was named Santa Clara River Reach 9 on 2002 303(d) list)	40351000				
				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				
		Tenem Dum		Boron		6.2 Miles	2019
					Source Unknown		
				Sulfates		6.2 Miles	2019
					Source Unknown		
4	L	Santa Fe Dam Park Lake	40531000	a		••	****
				Copper	Nonpoint Source	20 Acres	2019
				Lead	1 tonpoint bource	20 Acres	2019
					Nonpoint Source		
				рН	Nonpoint Source	20 Acres	2019
4	В	Santa Monica Bay Offshore/Nearshore	40513000		Nonpoint Source		
4	Ь	Santa Monica day Offshore/Nearshore	40515000	DDT (tissue & sediment) Centered on Palos Verdes Sho	· ·	146645 Acres	2019
				Debris	Nonpoint/Point Source	146645 Acres	2019
				Fish Consumption Advisory	Nonpoint/Point Source	146645 Acres	2019
					Nonpoint/Point Source		

REGION T	ГҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
'				PCBs (Polychlorinated bipheny	ls) (tissue & sediment)	146645 Acres	2019
				Sediment Toxicity	Nonpoint/Point Source	146645 Acres	2019
					Nonpoint/Point Source		
4	R	Santa Monica Canyon	40513000	Lead		2.7 Miles	2019
					Nonpoint Source		
4	R	Sawpit Creek	40531000	Bis(2ethylhexyl)phthalate/DEH	P	3.9 Miles	2019
				Fecal Coliform	Source Unknown	3.9 Miles	2019
					Source Unknown		
4	С	Sea Level Beach	40441000	DDT Fish Consumption Advisory for	· DDT.	0.21 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for		0.21 Miles	2019
4	R	Sepulveda Canyon	405.13	Ammonia	-	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
				рН	Nonpoint Source	54 Miles	2019
					Nonpoint Source		

REGION TY	PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4 C	То	panga Beach	40413000	DDT Fish Consumption Advisory fo	r DDT.	2.5 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for		2.5 Miles	2019
4 R	То	panga Canyon Creek	40411000	Lead	Nonpoint Source	8.6 Miles	2019
4 R	То	rrance Carson Channel	40512000	Coliform Bacteria	N G	3.4 Miles	2007
				Copper	Nonpoint Source	3.4 Miles	2019
				Lead	Nonpoint Source	3.4 Miles	2019
4 C	Tra	ancas Beach (Broad Beach)	40437000	DDT Fish Consumption Advisory for	· <i>DDT.</i> Nonpoint Source	1.7 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory for	ls)	1.7 Miles	2019
4 R	Tri	iunfo Canyon Creek Reach 1	40424000	Lead		2.5 Miles	2019
				Mercury	Nonpoint Source	2.5 Miles	2019
				Sedimentation/Siltation	Source Unknown	2.5 Miles	2019
4 R	Tri	iunfo Canyon Creek Reach 2	40424000	Lead	Nonpoint Source	3.3 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Mercury		3.3 Miles	2019
					Nonpoint Source		
				Sedimentation/Siltation	Source Unknown	3.3 Miles	2019
		T. W. 1 (7 1 D.)	40521000		Source Unknown		
4	R	Tujunga Wash (LA River to Hansen Dam)	40521000	Coliform Bacteria		9.7 Miles	2009
					N 1.40		
				Trash	Nonpoint Source	9.7 Miles	2007
					Nonpoint Source		
4	В	Ventura Harbor: Ventura Keys	40311000	Coliform Bacteria		179 Acres	2019
				Comorm Bucceru	Nonpoint Source	177 Teres	2013
4	С	Ventura Marina Jetties	40311000				
				DDT		0.69 Miles	2019
					Source Unknown		
				PCBs (Polychlorinated bipher	yls)	0.69 Miles	2019
					Source Unknown		
4	R	Ventura River Estuary	40210011				
				Algae	Nonpoint/Point Source	0.2 Miles	2019
				Eutrophic	Nonpoint out bource	0.2 Miles	2019
					Nonpoint/Point Source		
				Total Coliform	1 4	0.2 Miles	2019
				Stables and horse property m	ay be the sources. Nonpoint Source		
				Trash		0.2 Miles	2019
					Nonpoint/Point Source		
4	R	Ventura River Reach 1 and 2 (Estuary to Weldon Canyon)	40210011				
		Tremon Canyon)		Algae		4.5 Miles	2019
					Nonpoint/Point Source		
				Page 134 of 230			

			CALWATER		DOWNALA		PROPOSED TANDI
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Ventura River Reach 3 (Weldon Canyon to	40210011				
4	K	Confl. w/ Coyote Cr)	40210011				
				Pumping		2.8 Miles	2019
				W. A. Di.	Nonpoint Source	20.35	2010
				Water Diversion	Nonpoint Source	2.8 Miles	2019
	D.	W. A. D. D. LAGO, A. G. LA	40220021		Nonpoint Source		
4	R	Ventura River Reach 4 (Coyote Creek to Camino Cielo Rd)	40220021				
				Pumping		19 Miles	2019
				w n	Nonpoint Source	40.350	****
				Water Diversion	Nonpoint Source	19 Miles	2019
	_		40.504.000		Nonpoint Source		
4	R	Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	40521000				
				Coliform Bacteria		2 Miles	2009
					Nonpoint Source		
				Trash		2 Miles	2007
					Nonpoint Source		
4	R	Verdugo Wash Reach 2 (Above Verdugo Road)	40524000				
		,		Coliform Bacteria		7.6 Miles	2009
					Nonpoint Source		
				Trash	Nonpoint Source	7.6 Miles	2007
					Nonpoint Source		
4	R	Walnut Creek Wash (Drains from Puddingstone Res)	40531000				
		1 uddingstolic Resj		pН		12 Miles	2007
					N		
				Toxicity	Nonpoint/Point Source	12 Miles	2007
				USEPA deferred action on this	s listing until 2008.	12 vines	2007
					Nonpoint/Point Source		

REGION	TVDF	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL
REGION	TIFE			FOLLUTANI/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
4	L	Westlake Lake	40425000			440	****
				Algae		119 Acres	2006
				A	Nonpoint Source	119 Acres	2007
				Ammonia	N G	119 Acres	2006
				T. 4 1.	Nonpoint Source	119 Acres	2007
				Eutrophic	N	119 Acres	2006
				Lead	Nonpoint Source	119 Acres	2019
				Leau	Nonpoint Source	119 Acres	2019
				Organic Enrichment/Low Dis	_	119 Acres	2006
				Organic Emilianien/Low Dis	Nonpoint Source	117 Acres	2000
					Nonpoint Source		
4	R	Wheeler Canyon/Todd Barranca	40321000	Sulfates		10 Miles	2019
				Sunates		TO WHIES	2019
					Nonpoint Source		
				Total Dissolved Solids		10 Miles	2019
					Nonpoint Source		
4	C	Whites Point Beach	40511000				
				DDT	on DDT	1.1 Miles	2019
				Fish Consumption Advisory f	Nonpoint Source		
				PCBs (Polychlorinated bipher	_	1.1 Miles	2019
				Fish Consumption Advisory f			
					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		

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 fo	or DDT.	1.6 Miles	2019
				PCBs (Polychlorinated bipheny Fish Consumption Advisory fo		1.6 Miles	2019
5	R	American River, Lower (Nimbus Dam to confluence with Sacramento River)	51921000				
				Mercury All resource extraction source	s are abandoned mines. Resource Extraction	27 Miles	2008
				Unknown Toxicity		27 Miles	2019
					Source Unknown		
5	R	American River, South Fork (below Slab Creek Reservoir to Folsom Lake)	51432060	Mercury		37 Miles	2019
					Source Unknown		
5	R	Arcade Creek	51921000	Copper		9.9 Miles	2020
					Urban Runoff/Storm Sewers		
5	R	Avena Drain	53140000	Ammonia	Agriculture	6.4 Miles	2020
				Pathogens	Dairies	6.4 Miles	2020
					Agriculture Dairies		
5	R	Bear River, Lower (below Camp Far West Reservoir)	51510000	Diazinon	Agriculture	21 Miles	2008

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

USEPA APPROVAL DATE: JUNE 28, 2007

					US	EPA APPI	KOVAL .	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES S	ESTIMA SIZE AFFE		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	Crop-Related Sources	8.9	Miles	2008
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	VIII D 40/G, G	5.8	Miles	2006
				Organic Enrichment/Low Diss		5.8	Miles	2008
				Pathogens	Urban Runoff/Storm Sewers Urban Runoff/Storm Sewers	5.8	Miles	2008
					Recreational and Tourism Activities (non-boat	ing)		
5	L	Camanche Reservoir	53120000	Copper		7389	Acres	2020

Resource Extraction

						USEI A AIT ROVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc		7389 Acres	2020
					D		
					Resource Extraction		
5	L	Camp Far West Reservoir	51631013	Mercury		1945 Acres	2011
				Mercury	Resource Extraction	1740 Meres	2011
5	R	Carson Creek (from WWTP to Deer Creek)	53222013				
3	K	Carson Creek (Iron www.Ir to beer Creek)	33222013	Aluminum		12 Miles	2019
				Manganese	Source Unknown	12 Miles	2019
				Manganese		12 Miles	2019
					Source Unknown		
5	L	Clear Lake	51352000				
				Nutrients		40070 Acres	2006
					Source Unknown		
5	R	Clover Creek	50732000				
		0.0102	20722000	Fecal Coliform		11 Miles	2012
					Agriculture-grazing		
					Other		
5	R	Colusa Basin Drain	52010000				
				Azinphos-methyl		49 Miles	2008
					Agriculture		
				Carbofuran		49 Miles	2008
					A		
				Diazinon	Agriculture	49 Miles	2008
				2 mainvii		is miles	2000
					Agriculture		
				Group A Pesticides		49 Miles	2011
					Agriculture		

USEPA APPROVAL DATE: JUNE 28, 2007

				USEPA	AFFKUVA	L DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR		FIMATED AFFECTE	PROPOSED TMDL COMPLETION
			Malathion		49 Miles	s 2008
			Methyl Parathion	Agriculture	49 Mile	s 2008
			Molinate/Ordram	Agriculture	49 Mile	s 2008
			Unknown Toxicity	Agriculture-irrigation tailwater	49 Miles	s 2019
				Agriculture		
5 L	Combie, Lake	51633011	Mercury All resource extraction source	es are abandoned mines. Resource Extraction	362 Acre	s 2011
5 R	Cosumnes River	53111000	Exotic Species This exotic species listing cove Cosumnes River.	ers the entire watershed, i.e., the mainstem and the North Source Unknown	53 Mile	
5 L	Davis Creek Reservoir	51332010	Mercury	Resource Extraction	163 Acre	s 2010
5 R	Deer Creek (Sacramento County)	53222012	Iron	Source Unknown	12 Miles	s 2019
				Dour C. Chritown		
5 R	Deer Creek (Yuba County)	51712014	рН	Internal Nutrient Cycling (primarily lakes)	4.3 Miles	s 2011
5 R	Del Puerto Creek	54110000	Chlorpyrifos		6.5 Miles	s 2008

Agriculture

USEPA APPROVAL DATE: JUNE 28, 2007

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Diazinon		6.5 Miles	2008
				Pyrethroids The pyrethroids of concern for	Agriculture or this listing are bifenthrin, lamdba cyhalothr Source Unknown	6.5 Miles in, efenvalerate/fedvalerat	2019 e, and permethrin.
5	Е	Delta Waterways (central portion)	54400000	Chlorpyrifos		11425 Acres	2019
				DDT	Agriculture Urban Runoff/Storm Sewers	11425 Acres	2011
				Diazinon	Agriculture	11425 Acres	2019
				Exotic Species	Agriculture Urban Runoff/Storm Sewers	11425 Acres	2019
				Group A Pesticides	Source Unknown	11425 Acres	2011
				Mercury All resource extraction source	Agriculture es are abandoned mines. Resource Extraction	11425 Acres	2006
				Unknown Toxicity	Source Unknown	11425 Acres	2019
5	E	Delta Waterways (eastern portion)	54400000	Chlorpyrifos	3-2-1-1 3 -11-1 -1-1-1	2972 Acres	2006
					Agriculture		

Urban Runoff/Storm Sewers

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			DDT		2972 Acres	2011
			Diazinon	Agriculture	2972 Acres	2006
			Exotic Species	Agriculture Urban Runoff/Storm Sewers	2972 Acres	2019
				Source Unknown		
			Group A Pesticides	Agriculture	2972 Acres	2011
			Mercury All resource extraction source		2972 Acres	2006
			Unknown Toxicity	Resource Extraction	2972 Acres	2019
				Source Unknown		
5 E D	elta Waterways (export area)	54400000	Chlorpyrifos		583 Acres	2019
				Agriculture Urban Runoff/Storm Sewers		
			DDT	Agriculture	583 Acres	2011
			Diazinon	Agriculture	583 Acres	2019
				Agriculture Urban Runoff/Storm Sewers		
			Electrical Conductivity	Agriculture	583 Acres	2019
			Exotic Species	geurure	583 Acres	2019
				Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Group A Pesticides		583 Acres	2011
				Mercury All resource extraction source.		583 Acres	2006
				Unknown Toxicity	Resource Extraction	583 Acres	2019
					Source Unknown		
5	E De	elta Waterways (northern portion)	51000000	Chlorpyrifos		6795 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				DDT		6795 Acres	2011
				Diazinon	Agriculture	6795 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				Exotic Species		6795 Acres	2019
				Group A Pesticides	Source Unknown	6795 Acres	2011
				Mercury All resource extraction source.	Agriculture s are abandoned mines.	6795 Acres	2006
				PCBs (Polychlorinated bipheny	Resource Extraction yls)	6795 Acres	2019
				Unknown Toxicity	Source Unknown	6795 Acres	2019
					Source Unknown		

	_					USEI A AITROVAL	211121 00112 20, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	E	Delta Waterways (northwestern portion)	51000000	Chlorpyrifos		2587 Acres	2019
					Agriculture		
				DDT	Urban Runoff/Storm Sewers	2587 Acres	2011
					Agriculture		
				Diazinon	Agriculture	2587 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers	2505	2010
				Electrical Conductivity		2587 Acres	2019
				Exotic Species	Agriculture	2587 Acres	2019
				-	Source Unknown		
				Group A Pesticides	Source Challown	2587 Acres	2011
					Agriculture		
				Mercury All resource extraction source.	s are abandoned mines.	2587 Acres	2006
					Resource Extraction	A=0= .	2010
				Unknown Toxicity		2587 Acres	2019
		Diam'r (d d d)	5440000		Source Unknown		
5	E	Delta Waterways (southern portion)	54400000	Chlorpyrifos		3125 Acres	2019
					Agriculture		
				DDT	Urban Runoff/Storm Sewers	3125 Acres	2011
				<i>DD</i> 1		3123 Acres	2011
					Agriculture		

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					COLITICATIO (III	Dille: 9011E 20, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Diazinon		3125 Acres	2019
				Agriculture Urban Runoff/Storm Sewers		
			Electrical Conductivity		3125 Acres	2019
			Exotic Species	Agriculture	3125 Acres	2019
			Group A Pesticides	Source Unknown	3125 Acres	2011
			Mercury All resource extraction source		3125 Acres	2006
			Unknown Toxicity	Resource Extraction	3125 Acres	2019
				Source Unknown		
5 E De	lta Waterways (Stockton Ship Channel)	54400000	Chlorpyrifos		1603 Acres	2006
				Agriculture Urban Runoff/Storm Sewers		
			DDT		1603 Acres	2011
			Diazinon	Agriculture	1603 Acres	2006
				Agriculture Urban Runoff/Storm Sewers		
			Dioxin		1603 Acres	2019

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

		CALWARE		DOWNEY			DATE: JUNE 28, 2003
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFEC		PROPOSED TMDL COMPLETION
			Exotic Species		1603 A	Acres	2019
				Source Unknown			
			Furan Compounds		1603 A	Acres	2019
			0 1	nder Stockton Turning Basin, upper (Port Ti or Stockton Turning Basin are now under the Contaminated Sediments	,		· ·
			Group A Pesticides		1603 A	Acres	2011
				Agriculture			
			Mercury		1603 A	Acres	2006
			All resource extraction source	ces are abandoned mines.			
				Resource Extraction			
			Pathogens		1603 A	Acres	2008
			0 1	nder Stockton Turning Basin, upper (Port Ti or Stockton Turning Basin are now under the	,		
				Urban Runoff/Storm Sewers			
				Recreational and Tourism Activities (n	non-boating)		
			PCBs (Polychlorinated biphe	nyls)	1603 A	Acres	2019
			Mormon Slough, McLeod La of Health Services 1998 war upper (Port Turning Basin) o	l impacted by PCB contamination in sportfiske, Turning Basin, Morrelli Boat Ramp, and ning). This listing was made by USEPA in I on previous lists. In order to consolidate list the Delta Waterways (Stockton Ship Chan	d Louis Park Boat Ran 1998 and was under th tings for same areas, c	np (Cali ie Stocki	fornia Department on Turning Basin,
			Unknown Toxicity	Point Source	1603 A	Acres	2019
			·	Source Unknown			
				Source Unknown			
5 E I	Delta Waterways (western portion)	54400000	C1.1 40		4.504		•004
			Chlorpyrifos		14524 A	Acres	2006
				Agriculture			
				Urban Runoff/Storm Sewers			
			DDT	2 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14524 A	Acres	2011
				Agriculture			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
		-		Diazinon		14524 Acres	2006
					Agriculture Urban Runoff/Storm Sewers		
				Electrical Conductivity		14524 Acres	2019
				Exotic Species	Agriculture	14524 Acres	2019
				Group A Pesticides	Source Unknown	14524 Acres	2011
				Group is a continues	Agriculture	14324 AUG	ωV11
				Mercury All resource extraction sources		14524 Acres	2006
				Unknown Toxicity	Resource Extraction	14524 Acres	2019
					Source Unknown		
5	R	Dolly Creek	51854030	Copper All resource extraction sources	s are abandoned mines.	1.5 Miles	2020
				Zinc All resource extraction sources	Resource Extraction s are abandoned mines. Resource Extraction	1.5 Miles	2020
5	L	Don Pedro Lake	53632010	Mercury		11056 Acres	2020
5	R	Dunn Creek (Mt Diablo Mine to Marsh	54300021		Resource Extraction		
		Creek)		Mercury All resource extraction sources		0.7 Miles	2013
				Metals All resource extraction sources	Resource Extraction s are abandoned mines.	0.7 Miles	2020
				Page 147 of 230	Resource Extraction		

						USEFA AFFROVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Englebright Lake	51714013	Mercury All resource extraction source	s are abandoned mines. Resource Extraction	754 Acres	2012
5	R	Fall River (Pit)	52641031		ated sand size sediment in the upper Fall River anelization, roads, and railroads. Historic Land Management Activities	8.6 Miles . The historic land mand	2016 agement activities
5	R	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	51540000	Chlorpyrifos	Source Unknown	42 Miles	2019
				Group A Pesticides Mercury All resource extraction source.		42 Miles 42 Miles	2011
				Unknown Toxicity	Resource Extraction Source Unknown	42 Miles	2019
5	R	Feather River, North Fork (below Lake Almanor)	51812000	Mercury	Source Unknown	49 Miles	2019
				Temperature, water	Hydromodification Flow Regulation/Modification	49 Miles	2019
5	R	Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	54400000	Chlorpyrifos	Urban Runoff/Storm Sewers	1.6 Miles	2006

REGION TYP	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Diazinon		1.6 Miles	2006
			The agricultural source of di	iazinon for this waterbody is from aerial depositio Agriculture	n.	
				Urban Runoff/Storm Sewers		
			Organic Enrichment/Low Dis	ssolved Oxygen	1.6 Miles	2008
				Urban Runoff/Storm Sewers		
			Pathogens		1.6 Miles	2008
				Other Urban Runoff		
				Recreational and Tourism Activities (non-bo	oating)	
5 R	French Ravine	51632011				
			Bacteria	Land Disposal	1.7 Miles	2019
5 W	Grasslands Marshes	54120000		Land Disposai		
3 W	Grassianus Marsnes	34120000	Electrical Conductivity		7962 Acres	2008
				Agriculture		
5 R	Grayson Drain (at outfall)	54110000		Agriculture		
3 K	Grayson Dram (at outlan)	34110000	Sediment Toxicity		0.03 Miles	2019
				Source Unknown		
5 R	Harding Drain (Turlock Irrigation District	53550000		Source Chimown		
	Lateral #5)		CILL		9.2 MH	2000
			Chlorpyrifos		8.3 Miles	2008
				Agriculture		
			Unknown Toxicity		8.3 Miles	2019
				Agriculture		
5 R	Horse Creek (Rising Star Mine to Shasta	50610000				
	Lake)		Cadmium		0.52 Miles	2020
			All resource extraction source			
			The resource extraction source	Resource Extraction		

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

					USEI A AIT KOVAL	DATE: JUNE 28, 2007
REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Copper All resource extraction source		0.52 Miles	2020
			Lead All resource extraction source		0.52 Miles	2020
			Zinc All resource extraction source		0.52 Miles	2020
				Resource Extraction		
5 R	Humbug Creek	51732030	Copper All resource extraction source		2.2 Miles	2020
			Mercury All resource extraction source	Resource Extraction es are abandoned mines. Resource Extraction	2.2 Miles	2012
			Sedimentation/Siltation All resource extraction source		2.2 Miles	2012
			Zinc All resource extraction source	es are abandoned mines. Resource Extraction	2.2 Miles	2020
5 R	Ingram Creek (from confluence with	54110000				
	Hospital Creek to Hwy 33 crossing)		Pyrethroids The pyrethroids of concern for	or this listing are bifenthrin, lamdba cyho Source Unknown	2.8 Miles alothrin, 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	2.1 Miles	2008
				Agricultural Return Flows		

REGION T	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pyrethroids The pyrethroids of concern for	or this listing are bifenthrin, lamdba cyhalothrin Source Unknown	2.1 Miles 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 of	are abandoned mines. Resource Extraction	6.3 Miles	2015
				Nickel Resource extraction sources of		6.3 Miles	2020
5	R	Kanaka Creek	51742022	Arsenic All resource extraction sourc	es are abandoned mines. Resource Extraction	9.7 Miles	2020
5	L	Kaweah Lake	55344010	Mercury	Source Unknown	1702 Acres	2019
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013				
		,		Cadmium	Resource Extraction	135 Acres	2020
				Copper		135 Acres	2020
				Zinc	Resource Extraction Resource Extraction	135 Acres	2020
5	R	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	55190000				
				Electrical Conductivity	Agriculture	36 Miles	2015
				Molybdenum	Agriculture	36 Miles	2015
				Page 151 of 230	8		

DECION	(DX/DF)	NAME	CALWATER	DOLL THE AMERICAN	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
				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			
				_	Resource Extraction		
				Copper		0.95 Miles	2020
				All resource extraction source	Resource Extraction		
				Zinc	Resource Lanacion	0.95 Miles	2020
				All resource extraction source	res are abandoned mines.	oise miles	2020
					Resource Extraction		
5	R	Little Cow Creek (downstream from Afterthought Mine)	50733023				
				Cadmium		1.1 Miles	2020
				Resource extraction sources			
					Resource Extraction		
				Copper	are abandoned mines	1.1 Miles	2020
				Resource extraction sources	Resource Extraction		
				Zinc	10000100 200000000	1.1 Miles	2020
				Resource extraction sources	are abandoned mines.		
					Resource Extraction		
5	R	Little Deer Creek	51720012				
				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		

			CALWATER		DOMENTAL		PROPOSED TMDL
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	COMPLETION
5	R	Lone Tree Creek	53140000				
				Ammonia		15 Miles	2020
					Dairies		
				BOD, Biochemical oxygen der	mand	15 Miles	2020
					Dairies		
				Electrical Conductivity		15 Miles	2020
					Dairies		
5	L	Lower Bear River Reservoir	53260043			505 A	2010
				Copper		725 Acres	2019
					Source Unknown		
5	R	Main Drainage Canal	52040000				
				Diazinon		9.2 Miles	2019
					Agriculture		
_					Agriculture		
5	R	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	54300023				
				Mercury		11 Miles	2019
				All resource extraction sourc	es are abandoned mines. Resource Extraction		
				Metals	Resource Extraction	11 Miles	2020
				All resource extraction source	es are abandoned mines.	II Willes	2020
					Resource Extraction		
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000				
		oan ovaquin Mvci /		Mercury		10 Miles	2013
				All resource extraction sourc			
					Resource Extraction		
5	L	Marsh Creek Reservoir	54300023				
				Mercury		278 Acres	2013
					Resource Extraction		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	W	Mendota Pool	55120000	Selenium For 2006, selenium was move	ed by USEPA from the being addressed list back	3045 Acres to the 303(d) list pendin	1996 g completion and
				USEPA approval of a TMDL.		*	
					Agricultural Return Flows		
					Groundwater Withdrawal Other		
5	R	Merced River, Lower (McSwain Reservoir	53550000				
		to San Joaquin River)		Chlorpyrifos		50 Miles	2008
				D	Agriculture	50. 350	2000
				Diazinon		50 Miles	2008
				Group A Pesticides	Agriculture	50 Miles	2011
					Agriculture		
				Mercury		50 Miles	2019
					Source Unknown		
5	R	Middle River	54400000	Low Dissolved Oxygen		9.7 Miles	2019
					Hydromodification		
5	R	Mokelumne River, Lower	54400000		Source Unknown		
3	N	AND THE PROPERTY OF THE PROPER	2770000	Copper		29 Miles	2020
					Resource Extraction		
				Zinc		29 Miles	2020
					Resource Extraction		

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						USEI A AIT KOVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Mormon Slough (Commerce Street to	54400000				
		Stockton Deep Water Channel)		Organic Enrichment/Low Dis	solved Orrigon	0.93 Miles	2008
				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-h	noating)	
-	D	Mannage Clausek (Charleton Dimentina Canal	52120000		Recreational and Tourism Recreates (non-s	outing)	
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-b	ooating)	
5	R	Mosher Slough (downstream of I-5)	54400000			3 /	
3	K	Wosher Slough (downstream of 1-3)	3440000	Chlorpyrifos		1.3 Miles	2006
				D	Urban Runoff/Storm Sewers	12.10	2007
				Diazinon The agricultural source of di	azinon for this waterbody is from aerial deposition	1.3 Miles	2006
				The agricultural source of an	Agriculture		
					Urban Runoff/Storm Sewers		
				Organic Enrichment/Low Dis	solved Oxygen	1.3 Miles	2008
					Urban Runoff/Storm Sewers		
				Pathogens	Croun Runon/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				
3	K	Muu Sivugii	34120000	Boron		13 Miles	2008

Agriculture

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Electrical Conductivity		13 Miles	2008
			Pesticides	Agriculture	13 Miles	2019
				Agriculture		***
			Selenium For 2006, selenium was move USEPA approval of a TMDL.	ed by USEPA from the being addressed list back	13 Miles to the 303(d) list pending	1996 ag completion and
			Unknown Toxicity	Agriculture	13 Miles	2019
				Agriculture		
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				
	Wall alloude Carolly		Diazinon		3.5 Miles	2008
			The agricultural source is fro	m aerial deposition. Agriculture Urban Runoff/Storm Sewers		
			PCBs (Polychlorinated bipher		3.5 Miles	2020
				Industrial Point Sources		
				Agriculture		
				Urban Runoff/Storm Sewers		
5 R	Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	51921000				
			PCBs (Polychlorinated bipher		12 Miles	2020
				Industrial Point Sources Agriculture		
				Urban Runoff/Storm Sewers		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Newman Wasteway	54120000	Chlorpyrifos	Agriculture	8.3 Miles	2008
				Diazinon	Agriculture	8.3 Miles	2008
5	R	Oak Run Creek	50733000	Fecal Coliform	Combined Sewer Overflow Agriculture Grazing-Related Sources Pasture Grazing-Upland Natural Sources	5.6 Miles	2012
5	R	Old River (San Joaquin River to Delta- Mendota Canal)	54400000	Low Dissolved Oxygen	Hydromodification Source Unknown	15 Miles	2019
5	R	Orestimba Creek (above Kilburn Road)	54110000	Azinphos-methyl		9.1 Miles	2008
				Chlorpyrifos	Agriculture	9.1 Miles	2008
				DDE <i>Historical agricultural use.</i>	Agriculture	9.1 Miles	2011
				Diazinon	Agriculture	9.1 Miles	2008
5	R	Orestimba Creek (below Kilburn Road)	54110000	Azinphos-methyl	Agriculture	2.7 Miles	2008
					Agriculture		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Chlorpyrifos		2.7 Miles	2008
			DDE	Agriculture	2.7 Miles	2011
			Diazinon	Agriculture	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 Avenue)	55112000	Mercury All resource extraction source.	s are abandoned mines. Resource Extraction	18 Miles	2020
			Sedimentation/Siltation		18 Miles	2007
			Selenium	Agriculture Agriculture-grazing Highway/Road/Bridge Construction	18 Miles	2007
				Agriculture Agriculture-grazing Highway/Road/Bridge Construction		
5 R	Pit River	52661080	Nutrients		123 Miles	2013
				Agriculture Agriculture-grazing		

							DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Diss	olved Oxygen	123 Miles	2013
				Temperature, water	Agriculture Agriculture-grazing	123 Miles	2013
					Agriculture Agriculture-grazing		
5	R	Putah Creek (Solano Lake to Putah Creek Sinks)	51120000	Mercury All resource extraction source	s are abandoned mines. Resource Extraction Source Unknown	27 Miles	2015
5	L	Rollins Reservoir	51634033	Mercury	Resource Extraction	774 Acres	2012
5	R	Sacramento River (Keswick Dam to Cottonwood Creek)	52440014	Unknown Toxicity	Source Unknown	15 Miles	2019
5	R	Sacramento River (Cottonwood Creek to Red Bluff)	50810000	Unknown Toxicity	Source Unknown	16 Miles	2019
5	R	Sacramento River (Red Bluff to Knights Landing)	50420070	Mercury This mercury listing only apple Unknown Toxicity	ies to the area from Hamilton City downstream Source Unknown	82 Miles to Knights Landing. 82 Miles	2019 2019
					Source Unknown		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
5	R	Sacramento River (Knights Landing to the	51000000				
		Delta)		M		16 Mil	2010
				Mercury All resource extraction source	es are ahandoned mines	16 Miles	2010
				The resource extraction source	Resource Extraction		
				Unknown Toxicity		16 Miles	2019
					Source Unknown		
5	R	Sacramento Slough	51922000				
				Mercury		1.7 Miles	2020
					Source Unknown		
5	D	C-14 Cl	54120000		~ · · · · · · · · · · · · · · · · · · ·		
3	R	Salt Slough (upstream from confluence with San Joaquin River)	54120000				
				Boron		17 Miles	2008
					Agriculture		
				Chlorpyrifos	Agriculture	17 Miles	2008
				Cinoi pyrnos		17 Miles	2000
					Agriculture		
				Diazinon		17 Miles	2008
					Agriculture		
				Electrical Conductivity	Agriculture	17 Miles	2008
				Electrical Conductivity		17 Miles	2000
					Agriculture		
				Unknown Toxicity		17 Miles	2019
					A		
					Agriculture		
5	R	San Carlos Creek (downstream of New Idria Mine)	55911085				
				Mercury		5.1 Miles	2020
				All resource extraction sourc	es are abandoned mines.		
					Resource Extraction		
					Acid Mine Drainage		

REGION	ТҮРЕ	NAME		CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	San Joaquin River (Mendot Creek)	a Pool to Bear	54110000				
		Creek)			Boron		88 Miles	2006
						Agriculture		
					DDT		88 Miles	2011
						Agriculture	00 3/21	2007
					Electrical Conductivity		88 Miles	2006
					Group A Pesticides	Agriculture	88 Miles	2011
						Agriculture		
					Unknown Toxicity		88 Miles	2019
						Source Unknown		
5	R	San Joaquin River (Bear Cro Slough)	eek to Mud	54120000				
		Sivugii)			Boron		14 Miles	2006
						Agriculture		
					DDT		14 Miles	2011
					Electrical Conductivity	Agriculture	14 Miles	2006
					Executed Conductivity	A of Nove	14 Miles	2000
					Group A Pesticides	Agriculture	14 Miles	2011
						Agriculture		
					Mercury		14 Miles	2020
						Resource Extraction		
					Unknown Toxicity		14 Miles	2019
						Source Unknown		

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
5	R	San Joaquin River (Mud Slough to Merced River)	54110000				
		River)		Boron		3 Miles	2006
					Agriculture		
				DDT	rigiteuture	3 Miles	2011
					A animaltum		
				Electrical Conductivity	Agriculture	3 Miles	2006
				·			
				Group A Pesticides	Agriculture	3 Miles	2011
				Mercury	Agriculture	3 Miles	2020
				nicitury		2 Miles	2020
				Selenium	Resource Extraction	3 Miles	1996
				Scientini		3 Miles	1550
				Unknown Toxicity	Agriculture	3 Miles	2019
				Unknown Toxicity		5 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Merced River to Tuolumne River)	54110000				
				DDT		29 Miles	2011
					Agriculture		
				Group A Pesticides	8 ·······	29 Miles	2011
					Agriculture		
				Mercury	Tigite at the control of the control	29 Miles	2020
					Resource Extraction		
				Unknown Toxicity	ACSOUTCE EAU ACHOII	29 Miles	2019
					Course Universe		
					Source Unknown		

DECION	TVDE	NAME	CALWATER	DOLLLITA NIT/OTDECCOD	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION		NAME Son Jacquin Biron (Tychymne Biron to	53530000	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
5	R	San Joaquin River (Tuolumne River to Stanislaus River)	53530000				
				DDT	A	8.4 Miles	2011
				Group A Pesticides	Agriculture	8.4 Miles	2011
				•	Agriculture		
				Mercury		8.4 Miles	2020
				Unknown Toxicity	Resource Extraction	8.4 Miles	2019
				Challown Toxicity	Agriculture	0.4 Miles	2017
5	R	San Joaquin River (Friant Dam to Mendota	54510000				
		Pool)		Exotic Species		70 Miles	2019
				LAURE SPECIES		70 Miles	2015
					Source Unknown		
5	R	San Joaquin River (Stanislaus River to Delta Boundary)	54400000				
				DDT		3 Miles	2011
					Agriculture		
				Group A Pesticides		3 Miles	2011
					Agriculture		
				Mercury		3 Miles	2020
					Resource Extraction		
				Toxaphene		3 Miles	2019
					Source Unknown		
				Unknown Toxicity	Source Chanown	3 Miles	2019
					Agriculture		
5	L	Scotts Flat Reservoir	51720011		Agriculture		
s	L	SCOUS FIAL RESCI VOII	31/20011	Mercury		660 Acres	2012
					Resource Extraction		

	_				0	SEFA AFFKUVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Shasta Lake (area where West Squaw Creek enters)	50620010				
		,		Cadmium		20 Acres	2020
					Resource Extraction		
				Copper		20 Acres	2020
					Resource Extraction		
				Zinc		20 Acres	2020
					Resource Extraction		
5	R	Smith Canal	54400000				
				Organic Enrichment/Low Diss	olved Oxygen	2.4 Miles	2008
					TIL D REIGH C		
				Ougananhaanhausa Bastiaidas	Urban Runoff/Storm Sewers	2.4 Miles	2006
				Organophosphorus Pesticides		2.4 Willes	2000
					Urban Runoff/Storm Sewers		
				Pathogens		2.4 Miles	2008
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boa	iting)	
5	R	South Cow Creek	50731000			5 0 350	2012
				Fecal Coliform		7.9 Miles	2012
					Agriculture		
					Grazing-Related Sources Other		
					Oute		
5	R	Spring Creek, Lower (Iron Mountain Mine to Keswick Reservoir)	52440010				
		0 1103 11011 110301 (011)		Acid Mine Drainage		2.6 Miles	2020
				All resource extraction source			
					Resource Extraction		
				Cadmium		2.6 Miles	2020
				All resource extraction source	s are abandoned mines. Resource Extraction		
				Copper		2.6 Miles	2020
				All resource extraction source	es are abandoned mines.		
					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	2.6 Miles	2020
5	R	Stanislaus River, Lower	53530000	Diazinon	Agriculture	59 Miles	2008
				Group A Pesticides	Agriculture	59 Miles	2011
				Mercury	Resource Extraction	59 Miles	2020
				Unknown Toxicity	Source Unknown	59 Miles	2019
5	R	Sulphur Creek (Colusa County)	51320024	Mercury All resource extraction source	es are abandoned mines. Resource Extraction	14 Miles	2005
5	R	Temple Creek	53140000	Ammonia		10 Miles	2020
				Electrical Conductivity	Dairies	10 Miles	2020
					Dairies		
5	R	Town Creek	50620010	Cadmium All resource extraction source	es are abandoned mines. Resource Extraction	0.98 Miles	2020
				Copper All resource extraction source		0.98 Miles	2020
				Lead All resource extraction source		0.98 Miles	2020

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc		0.98 Miles	2020
				All resource extraction source			
					Resource Extraction		
5	R	Tuolumne River, Lower (Don Pedro Reservoir to San Joaquin River)	53550000				
				Diazinon		60 Miles	2008
					Agriculture		
				Group A Pesticides	Agriculture	60 Miles	2011
				TI I m . t.t.	Agriculture	(0. 3/1)	2010
				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-boa	ting)	
5	R	West Squaw Creek (below Balaklala Mine)	50620010				
				Cadmium		2 Miles	2020
				All resource extraction source	es are abandoned mines. Resource Extraction		
				Copper		2 Miles	2020
				All resource extraction source			
				Lead	Resource Extraction	2 Miles	2020
				All resource extraction source	es are abandoned mines.	2 Willes	2020
					Resource Extraction		
				Zinc	os ano abandonod minos	2 Miles	2020
				All resource extraction sourc	Resource Extraction		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR		ESTIMATED ZE AFFECTED	PROPOSED TMDL COMPLETION
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		6.2 Miles	2019
					Source Unknown		
5	R	Willow Creek (Shasta County, below Greenhorn Mine to Clear Creek)	52463010				
				Acid Mine Drainage All resource extraction sources		4 Miles	2020
				Copper	Resource Extraction	4 Miles	2020
				All resource extraction sources	Resource Extraction		
				Zinc All resource extraction sources	are abandoned mines.	4 Miles	2020
					Resource Extraction		
5	R	Wolf Creek	51632010	Fecal Coliform		23 Miles	2019
					Agriculture		
					Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)	g)	
6	R	Big Meadow Creek	63410011			4.4.350	2010
				Pathogens	Range Grazing-Riparian and/or Upland	1.4 Miles	2019
					Natural Sources		
					Recreational and Tourism Activities (non-boating	g)	
6	R	Blackwood Creek	63420021	Iron		5.9 Miles	2015
					Erosion/Siltation Natural Sources		
					Nonpoint Source		

		CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
			Nitrogen		5.9 Miles	2008
			Nitrogen loading from creek be needed for Blackwood Cı	to be addressed during development of Lake reek.	Tahoe TMDL, but a more s	pecific TMDL may
				Silviculture		
				Resource Extraction		
				Hydromodification		
				Streambank Modification/Destabilization	n	
				Erosion/Siltation		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Phosphorus		5.9 Miles	2008
			Phosphorus loading from cr creek may be needed.	eek to be addressed during development of La	ke Tahoe TMDL, but a mor	e specific TMDL for
				Grazing-Related Sources		
				Silviculture		
				Resource Extraction		
				Hydromodification		
				Streambank Modification/Destabilization	n	
				Erosion/Siltation		
				Natural Sources		
				Nonpoint Source		
			Sedimentation/Siltation		5.9 Miles	2008
			Creek affected by past grave	el quarry operations and other watershed distu Range Grazing-Riparian and/or Upland		and timber harvest.
				Silviculture		
				Construction/Land Development		
				Surface Runoff		
				Resource Extraction		
				Hydromodification		
				Streambank Modification/Destabilization	n	
				Erosion/Siltation		
				Atmospheric Deposition		
				Natural Sources		
				Recreational and Tourism Activities (no	on-boating)	
				Nonpoint Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Bodie Creek	63020031				
U	K	Doule Creek	03020031	Mercury		11 Miles	2019
				•			
					Source Unknown		
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-b	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-be	G,	
			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	turally 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-b	oating)	
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014				
		woodforus)		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-b	oating)	
				Phosphorus	2002 00000000 0000 00000000000000000000	18 Miles	2019
				Revision of standard may be	considered.		
					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-b	oating)	
					Activational and Tourism Activities (Holl-D	ouulig <i>j</i>	

REGION T	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sodium		18 Miles	2019
					Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources		
					Recreational and Tourism Activities (non-bo	ating)	
6	R	Carson River, West Fork (Paynesville to State Line)	63310013	Pathogens		3.3 Miles	2019
					Pasture Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-irrigation tailwater		
6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012				
		raynesvine)		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-bo	ating)	

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Pathogens		3.6 Miles	2019
				Pasture Grazing-Riparian and/or Upland		
				Agricultural Return Flows		
				Natural Sources		
				Recreational and Tourism Activities (non-boat	ting)	
			Sodium	`	3.6 Miles	2019
				A 66		
				Agriculture invigation to live to		
				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-board	ting)	
6 R	Clearwater Creek	63040051				
			Sedimentation/Siltation		12 Miles	2006
			Listed on basis of limited infor	mation; additional monitoring may support delisti Range Grazing-Riparian and/or Upland	ng.	
				Construction/Land Development		
				Highway Maintenance and Runoff		
6 L	Crowley Lake	60310090				
0 L	Clowley Lake	00310090	Ammonia		4861 Acres	2019
				Source Unknown		
			Oxygen, Dissolved		4861 Acres	2019
				Source Unknown		
6 L	Donner Lake	63520021				
			Priority Organics		819 Acres	2019
			OEHHA is studying the lake to period for TMDL development.	determine whether a fish consumption advisory is	needed. There may	be a 6 to 13 year
			period for Thibb development.	Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL 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	oating)	
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	East Walker River, above Bridgeport Reservoir	63030050	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 Reservoir	63030050	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	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Upstream Impoundment Flow Regulation/Modification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources	8 Miles	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		8 Miles	2019
					Grazing-Related Sources Highway/Road/Bridge Runoff Urban 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		lgicide used to prevent taste/odor problems in dr of whether or not this water body is a water of to rol Board. Other		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES S	ESTIMATED ZE 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-boati	ng)	
6	R	Heavenly Valley Creek (USES havedowy to	63410031				
U	K	Heavenly Valley Creek (USFS boundary to Trout Creek)	03410031				
				Chloride		1.4 Miles	2019
					Highway/Road/Bridge Runoff		
					Atmospheric Deposition		
					Natural Sources		
				Sedimentation/Siltation	Source Unknown	1.4 Miles	2019
				Sedimentation/Siltation		1.4 Miles	2019
					Construction/Land Development		
					Land Development		
					Hydromodification		
					Habitat Modification		
					Recreational and Tourism Activities (non-boati	ng)	
					Nonpoint Source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
6	S	Honey Lake	63710060	Arsenic Arsenic is ultimately from nat determine need for TMDL.	ural sources, but lake is affected by geothermal di Geothermal Development Flow Regulation/Modification		Acres	2019 dy needed to
				Salinity/TDS/Chlorides	Natural Sources Nonpoint Source	57756	Acres	2019
				Further study needed to deter	mine 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 Additional monitoring needea	to determine extent of impairment and need for T Agriculture Geothermal Development Natural Sources Nonpoint Source		Acres	2019
6	S	Honey Lake Wildfowl Management Ponds	63720095	Metals Further monitoring needed to	determine extent of impairment and need for TMA Agriculture Geothermal Development Natural Sources		Acres	2019
				Salinity/TDS/Chlorides Further monitoring needed to	determine extent of impairment and need for TMA Agriculture Geothermal Development Natural Sources		Acres	2019

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

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Iron		4 Miles	2019
			TMDL to be coordinated wit	th CERCLA remediation.		
				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		99 Acres	2019
					Flow Regulation/Modification		
					Nonpoint Source		
6	R	Robinson Creek (Hwy 395 to Bridgeport Res)	63030050				
				Pathogens		1.8 Miles	2019
					Pasture Grazing-Riparian and/or Upland		
					Agricultural Return Flows		
					Onsite Wastewater Systems (Septic Tanks)		
					Natural Sources		
					Recreational and Tourism Activities (non-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	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Squaw Creek	63520011				
		-		Sedimentation/Siltation		5.8 Miles	2006
					Construction/Land Development		
					Other Urban Runoff		
					Hydromodification		
					Drainage/Filling Of Wetlands		
					Highway Maintenance and Runoff		
					Natural Sources		
					Recreational and Tourism Activities (non-boa	ting)	
					Nonpoint Source		
6	R	Susan River	63720095				
				Mercury		58 Miles	2019
					C II.1		
				TT 1	Source Unknown	50 M.	2007
				Unknown Toxicity		58 Miles	2007
					Source Unknown		
	- n	g	(20.400.12				
6	R	Swauger Creek	63040012	Pathogens		14 Miles	2019
				rumogens		14 Whies	201)
					Pasture Grazing-Riparian and/or Upland		
					Range Grazing-Riparian and/or Upland		
					Onsite Wastewater Systems (Septic Tanks)		
					Natural Sources		
					Recreational and Tourism Activities (non-boa	ting)	

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

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

USEPA APPROVAL DATE: JUNE 28, 2007

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYP	PE 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	l	
				Hydromodification		
				Habitat Modification		
				Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
				Drainage/Filling Of Wetlands		
				Channel Erosion		
				Erosion/Siltation		
				Marinas and Recreational Boating		
				Atmospheric Deposition		
				Highway Maintenance and Runoff		
				Internal Nutrient Cycling (primarily lakes))	
				Natural Sources		
				Recreational and Tourism Activities (non-	boating)	
				Golf course activities		
				a		

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	oating)	
				Nonpoint Source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		85364 Acres	2007
				Grazing-Related Sources		
				Silviculture		
				Highway/Road/Bridge Construction		
				Land Development		
				Urban Runoff/Storm Sewers		
				Other Urban Runoff		
				Highway/Road/Bridge Runoff		
				Urban 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-bo	oating)	
				Nonpoint Source		
6 R	Tallac Creek (below Hwy 89)	63410041				
			Pathogens		1.3 Miles	2019
				Grazing-Related Sources		
				Pasture Grazing-Riparian		
6 R	Trout Creek (above Hwy 50)	63410020				
			Iron		10 Miles	2019
			Standards revision to be cons			
				Urban RunoffNon-industrial Permitted		
				Erosion/Siltation		
				Natural Sources		

Nitrogen Nitrogen loading from creek to be addressed during development of Lake Tahoe be needed for Trout Creek. Pasture Grazing-Riparian and/or Upland Urban RunoffNon-industrial Permitted Erosion/Siltation Atmospheric Deposition Pathogens Source Unknown Phosphorus Phosphorus loading from creek to be considered during development of Lake Tamay be needed for Trout Creek. Pasture Grazing-Riparian and/or Upland	10 Miles	2019 2019
be needed for Trout Creek. Pasture Grazing-Riparian and/or Upland Urban RunoffNon-industrial Permitted Erosion/Siltation Atmospheric Deposition Pathogens Source Unknown Phosphorus Phosphorus loading from creek to be considered during development of Lake Tamay be needed for Trout Creek.	10 Miles	2019 2019
Urban RunoffNon-industrial Permitted Erosion/Siltation Atmospheric Deposition Pathogens Source Unknown Phosphorus Phosphorus Phosphorus loading from creek to be considered during development of Lake Tamay be needed for Trout Creek.	10 Miles	2019
Erosion/Siltation Atmospheric Deposition Pathogens Source Unknown Phosphorus Phosphorus loading from creek to be considered during development of Lake Tamay be needed for Trout Creek.	10 Miles	2019
Atmospheric Deposition Pathogens Source Unknown Phosphorus Phosphorus loading from creek to be considered during development of Lake Talmay be needed for Trout Creek.	10 Miles	2019
Pathogens Source Unknown Phosphorus Phosphorus loading from creek to be considered during development of Lake Ta may be needed for Trout Creek.	10 Miles	2019
Source Unknown Phosphorus Phosphorus loading from creek to be considered during development of Lake Ta may be needed for Trout Creek.	10 Miles	2019
Phosphorus Phosphorus loading from creek to be considered during development of Lake Ta may be needed for Trout Creek.		
Phosphorus loading from creek to be considered during development of Lake Ta may be needed for Trout Creek.		
may be needed for Trout Creek.	Cahoe TMDL, but a mo	re specific TMDL
Pasture Grazing-Riparian and/or Upland		
Urban RunoffNon-industrial Permitted		
Erosion/Siltation		
Atmospheric Deposition		
6 R Trout 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 addressed during development of Lake Tahoe be needed for Trout Creek.	oe TMDL, but a more s	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-boa	oating)	
Transient encampments		

REGION TY	/PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus Phosphorus loading from cree may be needed for Trout Cree	ek to be addressed during development of Lake T k.	0.78 Miles Tahoe TMDL, but a more	2019 e specific TMDL
					Urban RunoffNon-industrial Permitted Erosion/Siltation		
					Atmospheric Deposition		
6 R	R Tri	uckee River	63510010	Sedimentation/Siltation		39 Miles	2006
					ling ski resorts, silvicultural activities, urban de ubwatersheds.		
					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-b	ooating)	
					Snow skiing activities	C,	
					Nonpoint Source		
6 R		uckee River, Upper (above Christmas	63410010				
	Val	illey)		Iron		4.5 Miles	2019
					Natural Sources		
				Pathogens		4.5 Miles	2019
					Grazing-Related Sources		
					Natural Sources		
					Recreational and Tourism Activities (non-b	ooating)	

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 mor	e specific TMDL
					Grazing-Related Sources		
					Silviculture		
					Natural Sources		
6	R	Truckee River, Upper (below Christmas Valley)	63410042				
				Iron		11 Miles	2019
					Erosion/Siltation		
					Natural Sources		
					Unknown Nonpoint Source		
				Phosphorus		11 Miles	2019
				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 spe	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		
6	L	Twin Lakes (Owens HU)	60310051				
				Nitrogen		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		
					Atmospheric Deposition		
				D 100 4440	•		

Phosphoru	REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
Agriculture Grazing-Related Sources Construction/Land Development Land Development Other Urban Runoff 8 N Ward Creek 63420020 Iron 5.7 Miles 2015 Sliviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion/Siltation Natural Sources Nitrogen 5.7 Miles 2008 Nitrogen 5.7 Miles 2008 Nitrogen 6.5 Nitrogen 5.7 Miles 2008 Nitrogen 6.5 Nitrogen 6				Phosphorus		26 Acres	2019
Grazing-Related Sources Construction/Land Development Land Development Other Urban Runoff 8 R Ward Creek 63420020 Iron 5.7 Miles 2015 Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Natural Sources Nitrogen Nitrogen ionading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Forsion/Siltation Highway/Road/Bridge Runoff Channel Erosion Forsion/Siltation Atmospheric Deposition				Monitoring needed to confirm			
Construction/Land Development Land Development Other Urban Runoff R Ward Creek 63420020 Iron Silviculture Other Urban Runoff Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion/Siltation Natural Sources Nitrogen S.7 Miles 2008 Nitrogen S.7 Miles 2008 Nitrogen Isaack during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Natural Sources Nitrogen S.7 Miles 2008 Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					o a constant of the constant o		
Land Development Other Urban Runoff					Grazing-Related Sources		
Content Cont					Construction/Land Development		
6 R Ward Creek 63420020 Iron 5.7 Miles 2015 Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources Nitrogen Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					Land Development		
Silviculture Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Silviculture Silviculture Channel Erosion Silviculture Silviculture Silviculture Silviculture Silviculture Silviculture Silviculture Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Erosion/Siltation Erosion/Siltation Atmospheric Deposition Silviculture Channel Erosion Erosion/Siltation Erosion/Siltati					Other Urban Runoff		
Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion/Siltation Frosion/Siltation Natural Sources Nitrogen Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition	6 R	Ward Creek	63420020				
Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources Nitrogen Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition				Iron		5.7 Miles	2015
Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources Nitrogen Nitrogen Nitrogen to addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					Silviculture		
Channel Erosion Erosion/Siltation Natural Sources Nitrogen Nitrogen Nitrogen 5.7 Miles 2008 Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					Other Urban Runoff		
Channel Erosion Erosion/Siltation Natural Sources Nitrogen Nitrogen Nitrogen 5.7 Miles 2008 Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					Highway/Road/Bridge Runoff		
Nitrogen Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition							
Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					Erosion/Siltation		
Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					Natural Sources		
be needed for Ward Creek. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition				Nitrogen		5.7 Miles	2008
Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					to be addressed during development of Lake To	uhoe TMDL, but a more sp	pecific TMDL may
Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition					Silviculture		
Channel Erosion Erosion/Siltation Atmospheric Deposition					Other Urban Runoff		
Erosion/Siltation Atmospheric Deposition					Highway/Road/Bridge Runoff		
Atmospheric Deposition					Channel Erosion		
					Erosion/Siltation		
					Atmospheric Deposition		
Natural Sources					Natural Sources		

REGION TY	PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
					ek to be addressed during development of Lake T	5.7 Miles <i>Tahoe TMDL, but a more</i>	2008 e specific TMDL
				may be needed for Ward Cree.	Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Urban RunoffErosion and Sedimentation Channel Erosion Erosion/Siltation Atmospheric Deposition Natural Sources Silviculture	5.7 Miles	2008
					Land Development Urban Runoff/Storm Sewers Highway/Road/Bridge Runoff Channel Erosion Nonpoint Source		
6 R	Wolf C	reek (Alpine County)	63210031	Sedimentation/Siltation	Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source	12 Miles	2019
7 R	Alamo l	River	72310000	Chlorpyrifos		57 Miles	2019
				DDT	Source Unknown	57 Miles	2019
				Dieldrin	Source Unknown	57 Miles	2019
					Source Unknown		

REGION TY	YPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipher	nyls)	57 Miles	2019
					Source Unknown		
				Selenium		57 Miles	2003
					per Basin Portion of Colorado River. Elevated sing addressed list back to the 303(d) list pendin	*	
					Agricultural Return Flows		
				Toxaphene		57 Miles	2019
					Source Unknown		
7 F	R Co	oachella Valley Storm Water Channel	71947000				
				Pathogens		24 Miles	2006
				This listing for pathogens only to the Salton Sea.	ly applies to a 17 mile area of the Coachella Va	ılley Storm Water Channe	l from Dillion Road
					Source Unknown		
				Toxaphene This listing for toxaphana and	ly applies to a 2 mile area of the Coachella Val	24 Miles	2019
				to the Salton Sea.	y applies to a 2 mile area of the Coachella val.	iey Storm water Channet	jrom Lincoin Street
					Source Unknown		
7 I		olorado River (Imperial Reservoir to alifornia-Mexico Border)	72700000				
				Selenium		11 Miles	2019
					Source Unknown		
7 F	R Im	perial Valley Drains	72310000				
				DDT		1225 Miles	2019
				The listing for DDT only app drains.	lies to the Barbara Worth Drain, Peach Drain,	and Rice Drain areas of	the Imperial Valley
					Source Unknown		
				Dieldrin		1225 Miles	2019
				The listing for dieldrin only a	applies to the Barbara Worth Drain and Fig Dra Source Unknown	ain areas of the Imperial	Valley drains.
				Endosulfan		1225 Miles	2019
				The listing for endosulfan on	ly applies to the Peach Drain area of the Imper Source Unknown	ial Valley drains.	

EGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			PCBs (Polychlorinated biphen	yls)	1225 Miles	2019
			The listing for PCBs only app outlet into the Alamo River.	lies to the Central Drain area of the Imperio	al Valley drains, from Melolo	and Road to the
				Source Unknown		
			Selenium		1225 Miles	2019
			Selenium originates from Upp	per Basin Portion of Colorado River. Eleva Agricultural Return Flows	ted fish tissue levels.	
			Toxaphene		1225 Miles	2019
			This listing for toxaphene only drains.	y applies to the Barbara Worth Drain, Peac	h Drain, and Rice Drain of t	the Imperial Valley
				Source Unknown		
7 R New	v River (Imperial County)	72800000	1,2,4-Trimethylbenzene		66 Miles	2006
			1,2,4- i rimethymenzene		00 Miles	2000
				Industrial Point Sources		
				Out-of-state source		
			Chlordane		66 Miles	2019
				Source Unknown		
			Chloroform		66 Miles	2006
				Industrial Point Sources		
				Out-of-state source		
			Chlorpyrifos		66 Miles	2019
				Source Unknown		
			Copper		66 Miles	2019
			This listing was made by USE	· ·		
			DD#	Source Unknown		2010
			DDT		66 Miles	2019
				Source Unknown		
			Diazinon		66 Miles	2019
				Source Unknown		
			Dieldrin		66 Miles	2019

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		66 Miles	2019
				Source Unknown		
			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 U.S. I	EPA and Mexico.	
				Major Municipal Point Source-dry ar weather discharge	nd/or wet	
				Agricultural Return Flows		
				Out-of-state source		
			Organic Enrichment/Low Dis	ssolved Oxygen	66 Miles	2006
				Wastewater		
				Inappropriate Waste Disposal/Wildca	nt 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		66 Miles	2006
				Industrial Point Sources		
				Out-of-state source		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Pesticides		66 Miles	2019
				Agricultural Return Flows		
				Out-of-state source		
			Selenium		66 Miles	2019
				Source Unknown		
			Toluene		66 Miles	2006
				Industrial Point Sources		
				Out-of-state source		
			Toxaphene		66 Miles	2019
				Source Unknown		
			Toxicity		66 Miles	2019
				Source Unknown		
			Trash		66 Miles	2006
				Out-of-state source		
7 R	Palo Verde Outfall Drain and Lagoon	71540000	DDT		19 Miles	2019
				Source Unknown		
			Pathogens		19 Miles	2019
			This listing was made by USE			
				Source Unknown		
7 S	Salton Sea	72800000	.		222.10	****
			Nutrients		233340 Acres	2006
				Major Industrial Point Source		
				Agricultural Return Flows		
				Out-of-state source		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Salinity TMDL development will not h	pe effective in addressing this problem, w	233340 Acres	2019
			federal, local, and state coop		mien min require un engineering	S southon with
				Agricultural Return Flows		
				Out-of-state source		
				Point Source		
			Selenium		233340 Acres	2019
				Agricultural Return Flows		
8 B	Anaheim Bay	80111000				
			Dieldrin (tissue)		402 Acres	2019
			This listing was made by USE	CPA. Source Unknown		
			Nickel	Source Chanown	402 Acres	2019
			This listing was made by USE	EPA.	402 Acres	2017
			g	Source Unknown		
			PCBs (Polychlorinated bipher	nyls) (tissue)	402 Acres	2019
			This listing was made by USE			
				Source Unknown		
			Sediment Toxicity		402 Acres	2019
				Source Unknown		
8 C	Balboa Beach	80114000				
			DDT		1.8 Miles	2019
				C U-l		
			Dieldrin	Source Unknown	1.8 Miles	2019
			Dieiarin		1.5 Miles	2019
				Source Unknown		
			PCBs (Polychlorinated bipher	yls)	1.8 Miles	2019
				Source Unknown		
8 L	Big Bear Lake	80171000				
			Copper		2865 Acres	2007

REGION TYI	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		2865 Acres	2007
				Resource Extraction		
			Metals	Resource Dataction	2865 Acres	2007
				Resource Extraction		
			Noxious aquatic plants	Resource Extraction	2865 Acres	2006
				Control of the ID along the		
				Construction/Land Development Unknown point source		
			Nutrients		2865 Acres	2006
				Construction/Land Development		
				Snow skiing activities		
			PCBs (Polychlorinated bipher	nyls)	2865 Acres	2019
				Source Unknown		
			Sedimentation/Siltation		2865 Acres	2006
				Construction/Land Development		
				Snow skiing activities		
				Unknown Nonpoint Source		
8 C	Bolsa Chica State Beach	80111000	Copper		2.6 Miles	2019
			This listing was made by USE	EPA.	2.0 Willes	2019
				Source Unknown		
			Nickel This listing was made by USE	EPA.	2.6 Miles	2019
			,	Source Unknown		
8 R	Buck Gully Creek	80111000	E I C Pe		0.2 350	2010
			Fecal Coliform Listing is downstream of Pac	ific Coast Highway.	0.3 Miles	2019
				Source Unknown		
			Total Coliform Listing is downstream of Pac	ific Coast Highway.	0.3 Miles	2019
				Source Unknown		

REGION Type							CSETA ATTROVAL	DATE: JUNE 28, 2007
Pathogens	REGION	ТҮРЕ	NAME		POLLUTANT/STRESSOR			PROPOSED TMDL COMPLETION
Source Pathogens Pathoge	8	L	Canyon Lake (Railroad Canyon Reservoir)	80211000	Pathogens	Nonpoint Source	453 Acres	2006
Source Unknown Nonpoint Source Source Unknown Source U	8	R	Chino Creek Reach 1	80121000	Nutrients		7.8 Miles	2019
PCBs (Polychlorinated biphenyls) 2431 Acres 2015								
Unknown Toxicity	8	L	Elsinore, Lake	80231000	PCBs (Polychlorinated biphen	yls)	2431 Acres	2019
8 L Fulmor, Lake 80221000 Pathogens 4.2 Acres 2019 Unknown Nonpoint Source 8 R Grout Creek 80171000 Metals 3.5 Miles 2009 Unknown Nonpoint Source Nutrients 3.5 Miles 2009 Unknown Nonpoint Source Nutrients 5.8 Miles 2009 Unknown Nonpoint Source 8 C Huntington Beach State Park 80111000 Enterococcus Impaired 50 yards around drain at Magnolia St. Source Unknown Indicator bacteria 5.8 Miles 2019 This listing was made by USEPA for 2006. This listing for indicator bacteria applies to the area of the beach at Brookhurst St. Source Unknown PCBs (Polychlorinated biphenyls) 5.8 Miles 2019					Unknown Toxicity	Source Unknown	2431 Acres	2007
Pathogens Unknown Nonpoint Source 8 R Grout Creek 80171000 Metals 3.5 Miles 2007 Unknown Nonpoint Source Nutrients 3.5 Miles 2007 Unknown Nonpoint Source Nutrients 5.8 Miles 2007 Unknown Nonpoint Source 8 C Huntington Beach State Park 80111000 Enterococcus 5.8 Miles 2019 Impaired 50 yards around drain at Magnolia St. Source Unknown Indicator bacteria 5.8 Miles 2019 This listing was made by USEPA for 2006. This listing for indicator bacteria applies to the area of the beach at Brookhurst St. Source Unknown PCBs (Polychlorinated biphenyls) 5.8 Miles 2019						Unknown Nonpoint Source		
Metals Unknown Nonpoint Source Unknown Nonpoint Source Nutrients Unknown Nonpoint Source Unknown Nonpoint Source 8 C Huntington Beach State Park 80111000 Enterococcus Impaired 50 yards around drain at Magnolia St. Source Unknown Indicator bacteria This listing was made by USEPA for 2006. This listing for indicator bacteria applies to the area of the beach at Brookhurst St. Source Unknown PCBs (Polychlorinated biphenyls) 5.8 Miles 2009 PCBs (Polychlorinated biphenyls) 5.8 Miles 2019 Miles 2019 PCBs (Polychlorinated biphenyls) 5.8 Miles 2019	8	L	Fulmor, Lake	80221000	Pathogens	Unknown Nonpoint Source	4.2 Acres	2019
Nutrients Unknown Nonpoint Source 8 C Huntington Beach State Park 80111000 Enterococcus Impaired 50 yards around drain at Magnolia St. Source Unknown Indicator bacteria This listing was made by USEPA for 2006. This listing for indicator bacteria applies to the area of the beach at Brookhurst St. Source Unknown PCBs (Polychlorinated biphenyls) 5.8 Miles 2009 Source Unknown PCBs (Polychlorinated biphenyls) 5.8 Miles 2019	8	R	Grout Creek	80171000	Metals		3.5 Miles	2007
8 C Huntington Beach State Park Enterococcus Impaired 50 yards around drain at Magnolia St. Source Unknown Indicator bacteria This listing was made by USEPA for 2006. This listing for indicator bacteria applies to the area of the beach at Brookhurst St. Source Unknown PCBs (Polychlorinated biphenyls) 5.8 Miles 2019 5.8 Miles 2019 5.8 Miles 2019					Nutrients	•	3.5 Miles	2008
Indicator bacteria This listing was made by USEPA for 2006. This listing for indicator bacteria applies to the area of the beach at Brookhurst St. Source Unknown PCBs (Polychlorinated biphenyls) 5.8 Miles 2019	8	С	Huntington Beach State Park	80111000		iin at Magnolia St.	5.8 Miles	2019
PCBs (Polychlorinated biphenyls) 5.8 Miles 2019					This listing was made by USE	PA for 2006. This listing for indicator bacteric		2019 ne beach at
					PCBs (Polychlorinated biphen		5.8 Miles	2019
Source Unknown						Source Unknown		

						USEI A AIT KOVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	В	Huntington Harbour	80111000	Chlordane		221 Acres	2019
				Copper This listing was made by USE	Source Unknown PA.	221 Acres	2019
				Lead	Source Unknown	221 Acres	2019
				Nickel This listing was made by USE	Source Unknown PA.	221 Acres	2019
				Pathogens	Source Unknown	221 Acres	2019
				PCBs (Polychlorinated biphen This listing was made by USE		221 Acres	2019
				Sediment Toxicity	Source Unknown	221 Acres	2019
					Source Unknown		
8	R	Knickerbocker Creek	80171000	Metals		2 Miles	2007
				Pathogens For 2006, pathogens was mov USEPA approval of a TMDL.	Unknown Nonpoint Source red by USEPA from the being addressed list bac Unknown Nonpoint Source	2 Miles ck to the 303(d) list pend	2005 ling completion and
8	R	Los Trancos Creek (Crystal Cove Creek)	80111000	Fecal Coliform Listing is downstream of Paci	fic Coast Highway. Source Unknown	0.19 Miles	2019
				Total Coliform Listing is downstream of Paci		0.19 Miles	2019

	STIMATED E AFFECTED	PROPOSED TMDL COMPLETION
		COMPLETION
Pathogens		
	41 Miles	2019
Unknown Nonpoint Source		
8 R Mill Creek (Prado Area) 80121000 Nutrients	1.6 Miles	2019
	110 IVIIICS	2013
Agriculture		
Dairies Total Suspended Solids (TSS)	1.6 Miles	2019
Total Suspended Solids (188)	1.0 Miles	2017
Dairies		
8 R Mill Creek Reach 1 80156000	40.350	2040
Pathogens	12 Miles	2019
Unknown Nonpoint Source		
8 R Mill Creek Reach 2 80158000		
Pathogens	12 Miles	2019
Unknown Nonpoint Source		
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
Unknown Nonpoint Source		
8 B Newport Bay, Lower 80114000 Chlordane	767 Acres	2019
Cinordane	707 Acres	2017
Source Unknown		
Copper	767 Acres	2007
Source Unknown		
DDT	767 Acres	2019
Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipher	yls)	767 Acres	2019
				Sediment Toxicity	Source Unknown	767 Acres	2019
					Source Unknown		
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 bipher	Urban Runoff/Storm Sewers	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		90 Acres	2019
					Nonpoint Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	R	Rathbone (Rathbun) Creek	80171000	Nutrients	Snow skiing activities	4.7 Miles	2008
				Sedimentation/Siltation	Unknown Nonpoint Source Snow skiing activities	4.7 Miles	2006
					Unknown Nonpoint Source		
8	В	Rhine Channel	80114000	Copper		20 Acres	2019
				Lead	Source Unknown	20 Acres	2019
				Mercury	Source Unknown	20 Acres	2019
				PCBs (Polychlorinated bipher	Source Unknown nyls)	20 Acres	2019
				Sediment Toxicity	Source Unknown	20 Acres	2019
				Zinc	Source Unknown	20 Acres	2019
					Source Unknown		
8	R	San Diego Creek Reach 1	80111000	Fecal Coliform		7.8 Miles	2019
				Selenium	Urban Runoff/Storm Sewers Other Urban Runoff Source Unknown	7.8 Miles	2007

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Toxaphene		7.8 Miles	2019
					Source Unknown		
8	R	San Diego Creek Reach 2	80111000	Metals		6.3 Miles	2007
				. Treats	Urban Runoff/Storm Sewers	VIC MILES	2007
8	R	Santa Ana River, Reach 4	80127000	n d		44.350	2010
				Pathogens		14 Miles	2019
					Nonpoint Source		
8	R	Santiago Creek, Reach 4	80112000	Colimity/TDC/Chloridge		9.8 Miles	2019
				Salinity/TDS/Chlorides	Source Unknown	9.8 Willes	2019
8	C	Seal Beach	80111000				
				Enterococcus		0.53 Miles	2019
				Impaired 50 yards around dr	ain at 1st Street. Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	0.53 Miles	2019
					Source Unknown		
8	R	Silverado Creek	80112000	Pod a cons		11 3/0	2010
				Pathogens	Unknown Nonpoint Source	11 Miles	2019
				Salinity/TDS/Chlorides		11 Miles	2019
					Unknown Nonpoint Source		
8	R	Summit Creek	80171000	N. A. S. A.		15 350	2000
				Nutrients	Construction/Land Development	1.5 Miles	2008
9	R	Agua Hedionda Creek	90431000		Construction/Dana Development		
9	K	Agua Heulvilua Cleek	70431000	Manganese		7 Miles	2019

Source Unknown

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		7 Miles	2019
					Source Unknown		
				Sulfates	Source Unknown	7 Miles	2019
				Surates		, marcs	2019
					Source Unknown		
				Total Dissolved Solids		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 This listing for indicator bact	eria applies to the Aliso Creek mainstem and al	19 Miles I the major tributaries of	2005 Aliso Creek which
					iyon, Âliso Hills Canyon, Dairy Fork, and Engl		Timbo Creek willen
					Urban Runoff/Storm Sewers		
					Unknown point source Nonpoint/Point Source		
				Phosphorus	1 tonpomer one source	19 Miles	2019
					pplies to the Aliso Creek mainstem and all the m , Aliso Hills Canyon, Dairy Fork, and English (v v	Creek which are
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
				m	Unknown point source	10. 3.60	2010
					s to the Aliso Creek mainstem and all the major s, Aliso Hills Canyon, Dairy Fork, and English v		2019 k which are
				Sulphul Creek, Wood Canyon	Urban Runoff/Storm Sewers	Canyon.	
					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	Nonpoint/Point Source	0.29 Acres	2005
9	L	Barrett Lake	91130000	Color		125 Acres	2019
				Manganese	Source Unknown	125 Acres	2019
				рН	Source Unknown	125 Acres	2019
					Source Unknown		
9	R	Buena Creek	90432000	DDT		4.8 Miles	2019
				Nitrate and Nitrite	Source Unknown	4.8 Miles	2019
				Phosphate	Source Unknown	4.8 Miles	2019
					Source Unknown		
9	R	Buena Vista Creek	90421000	Sediment Toxicity		11 Miles	2019
					Source Unknown		
9	E	Buena Vista Lagoon	90421000	Indicator bacteria	Nonpoint/Point Source	202 Acres	2008
				Nutrients Estimated size of impairment i.	s 150 acres located in upper portion of lagoon.	202 Acres	2019
				Sedimentation/Siltation	Nonpoint/Point Source Nonpoint/Point Source	202 Acres	2019

			CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
9	R	Chollas Creek	90822000				
				Copper		3.5 Miles	2004
					Nonpoint/Point Source		
				Indicator bacteria		3.5 Miles	2005
					Nonpoint/Point Source		
				Lead		3.5 Miles	2004
					Nonpoint/Point Source		
				Zinc	•	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
					Source Unknown		
				Phosphorus		1.9 Miles	2019
					Source Unknown		
				Sediment Toxicity		1.9 Miles	2019
					Source Unknown		
					Dource Chanown		

REGION	TVDE	NAME	CALWATER	POLLUTANT/STRESSOR	POTENTIAL	ESTIMATED SIZE A FEECTED	PROPOSED TMDL
			WATERSHED	FOLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
9	В	Dana Point Harbor	90114000	Indicator bacteria Impairment located at Baby	Beach. Urban Runoff/Storm Sewers Marinas and Recreational Boating Unknown Nonpoint Source	119 Acres	2006
					Unknown point source		
9	R	De Luz Creek	90221000	Iron		14 Miles	2019
				Manganese	Source Unknown	14 Miles	2019
					Source Unknown		
9	L	El Capitan Lake	90731000	Color		1454 Acres	2019
				Manganese	Source Unknown	1454 Acres	2019
				рН	Source Unknown	1454 Acres	2019
					Source Unknown		
9	R	Encinitas Creek	90451000	Phosphorus		3 Miles	2019
					Source Unknown		
9	R	English Canyon	90113000	Benzo[b]fluoranthene		3.6 Miles	2019
				Dieldrin	Source Unknown	3.6 Miles	2019
					Source Unknown		

REGION	ТУРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
REGIOIT	1112	TARTER	WATERSHED	Sediment Toxicity	SOURCES	3.6 Miles	2019
					Source Unknown		
9	R	Escondido Creek	90462000				
				DDT		26 Miles	2019
					Source Unknown		
				Manganese		26 Miles	2019
				.	Source Unknown	24.350	2010
				Phosphate		26 Miles	2019
				Selenium	Source Unknown	26 Miles	2019
				Seeman		20 Miles	2017
				Sulfates	Source Unknown	26 Miles	2019
					Source Unknown		
				Total Dissolved Solids	Source Chillown	26 Miles	2019
					Source Unknown		
9	E	Famosa Slough and Channel	90711000				
				Eutrophic		32 Acres	2019
					Nonpoint Source		
9	R	Felicita Creek	90523000	Aluminum		0.92 Miles	2019
					Source Unknown		
					Dource Challown		

REGION TYPE	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 I	Forester Creek	90712000				
			Fecal Coliform	1 1	6.4 Miles	2005
			Impairment Located at lower	Urban Runoff/Storm Sewers		
				Spills		
				Unknown Nonpoint Source		
				Unknown point source		
			Oxygen, Dissolved	Chknown point source	6.4 Miles	2019
			Oxygen, Dissolved		0.4 Miles	2019
				Source Unknown		
			pН		6.4 Miles	2019
			Impairment Located at upper			
				Industrial Point Sources		
				Habitat Modification		
				Spills		
				Unknown Nonpoint Source		
				Unknown point source		
			Phosphorus		6.4 Miles	2019
				Source Unknown		
			Total Dissolved Solids		6.4 Miles	2019
			Impairment Located at lower	r 1 mile.		
				Agricultural Return Flows		
				Urban Runoff/Storm Sewers		
				Flow Regulation/Modification		
				Unknown Nonpoint Source		
				Unknown point source		

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REGION TY	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9 R	Green Valley Creek	90521000	Chloride		0.98 Miles	2019
			Manganese	Source Unknown	0.98 Miles	2019
			Pentachlorophenol (PCP)	Source Unknown	0.98 Miles	2019
			Sulfates	Source Unknown	0.98 Miles	2019
				Urban Runoff/Storm Sewers Natural Sources Unknown Nonpoint Source Unknown point source		
9 L	Guajome Lake	90311000		Chkhown point source		
, L	Guajonie Lake	70311000	Eutrophic	Nonpoint/Point Source	33 Acres	2019
9 L	Hodges, Lake	90521000	Color		1104 Acres	2019
				Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source		
			Manganese	Chillown point source	1104 Acres	2019
			Nitrogen	Source Unknown	1104 Acres	2019
			The ogen	Agriculture Dairies Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	TIVE ACTO	2017

					USEI A AIT KOVAL	DATE: JUNE 26, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			рН		1104 Acres	2019
				Source Unknown		
			Phosphorus	Source Chanowi	1104 Acres	2019
			-			
				Agriculture		
				Dairies Urban Runoff/Storm Sewers		
				Unknown Nonpoint Source		
				Unknown point source		
			Turbidity		1104 Acres	2019
				Source Unknown		
9 R	E'' C	00531000		Source Chanown		
9 R	Kit Carson Creek	90521000	Pentachlorophenol (PCP)		0.99 Miles	2019
			-			
			T-4 1 D' 1 - 1 C-1' 1	Source Unknown	0.00 3/21	2010
			Total Dissolved Solids		0.99 Miles	2019
				Agricultural Return Flows		
				Urban Runoff/Storm Sewers		
				Flow Regulation/Modification		
				Unknown Nonpoint Source Unknown point source		
0 5	Y C Cl I	00112000		Chanown point soutce		
9 R	Laguna Canyon Channel	90112000	Sediment Toxicity		1.6 Miles	2019
			·			
				Source Unknown		
9 E	Loma Alta Slough	90410000			0.2	2010
			Eutrophic	Nonpoint Source	8.2 Acres	2019
			Indicator bacteria	Nonpoint Source	8.2 Acres	2008
				Nonpoint Source	31 <u>2</u> 112105	_000
				-		

						USEI A AIT KOVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Long Canyon Creek	90283000	Total Dissolved Solids	Source Unknown	8.3 Miles	2019
9	R	Los Penasquitos Creek	90610000	Phosphate		12 Miles	2019
				Total Dissolved Solids	Source Unknown	12 Miles	2019
					Source Unknown		
9	E	Los Penasquitos Lagoon	90610000	Sedimentation/Siltation	Nonpoint/Point Source	469 Acres	2019
9	L	Loveland Reservoir	90931000	Aluminum		420 Acres	2019
				Manganese	Source Unknown	420 Acres	2019
				Oxygen, Dissolved	Source Unknown	420 Acres	2019
				pH This listing was made by USEI	Source Unknown PA for 2006. Source Unknown	420 Acres	2019
	D.	N D. (00<4000		50 11 00 011111 0 1111		
9	В	Mission Bay (area at mouth of Rose Creek only)	90640000	Eutrophic		9.2 Acres	2019
				Lead	Nonpoint/Point Source Nonpoint/Point Source	9.2 Acres	2019
					11011point/1 Oilt Doutee		

						USEI A AFFROVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	В	Mission Bay (area at mouth of Tecolote Creek only)	90650000				
		, , , , , , , , , , , , , , , , , , ,		Eutrophic		3.1 Acres	2019
					Nonpoint/Point Source		
				Lead		3.1 Acres	2019
					Nonpoint/Point Source		
9	C	Mission Bay Shoreline	90630000				
				Indicator bacteria This listing was made by USA	EBA for 2006	28 Miles	2019
				This tisting was made by USI	Source Unknown		
9	L	Morena Reservoir	91150000				
	-	Moreila Reservoir	71120000	Color		104 Acres	2019
				M	Source Unknown	104 A	2010
				Manganese		104 Acres	2019
					Source Unknown		
				рH		104 Acres	2019
					Source Unknown		
9		M. P	00711000		Source Challown		
9	L	Murray Reservoir	90711000	рН		119 Acres	2019
				•			
					Source Unknown		
9	R	Murrieta Creek	90252000				
				Iron		12 Miles	2019
					Source Unknown		
				Manganese		12 Miles	2019
				Nitrogon	Source Unknown	12 Miles	2019
				Nitrogen		12 Willes	2019
					Source Unknown		

						SEI II III I RO VII	L DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTEI	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	Chloride		1 Miles	2019
				Sulfates	Source Unknown	1 Miles	2019
				Total Dissolved Solids	Source Unknown	1 Miles	2019
					Source Unknown		
9	L	Otay Reservoir, Lower	91031000	Color		1050 Acres	s 2019
				Iron	Source Unknown	1050 Acres	2019
				Manganese	Source Unknown	1050 Acres	s 2019
				Nitrogen, ammonia (Total Am	Source Unknown monia)	1050 Acres	2019
				pH (high)	Source Unknown	1050 Acres	2019
					Source Unknown		
9	С	Pacific Ocean Shoreline, Aliso HSA	90113000	Indicator bacteria Impairment located at Lagun	a Beach at Lagunita Place / Blue Lagoon Place, Al Nonpoint/Point Source	0.65 Miles	2005

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	С	Pacific Ocean Shoreline, Buena Vista Creek HA	90421000	Indicator bacteria Impairment located at Buena Avenue.	Vista Creek, Carlsbad City Beach at Car	1.2 Miles rlsbad Village Drive, Carlsbad	2008 State Beach at Pine
					Nonpoint/Point Source		
9	C	Pacific Ocean Shoreline, Dana Point HSA	90114000				
					Nonpoint/Point Source		
9	С	Pacific Ocean Shoreline, Escondido Creek HA	90461000				
				Indicator bacteria Impairment located at San El	ijo Lagoon outlet. Nonpoint/Point Source	0.44 Miles	2008
9	С	Pacific Ocean Shoreline, Imperial Beach Pier	91010000	PCBs (Polychlorinated biphen	ıyls)	0.42 Miles	2019
					Source Unknown		
9	С	Pacific Ocean Shoreline, Laguna Beach HSA	90112000				
				*	aguna Beach, Laguna Beach at Ocean A ove at Bluebird Canyon Road, Laguna Be Nonpoint/Point Source	. 0	2005 a Avenue, Laguna
9	С	Pacific Ocean Shoreline, Loma Alta HA	90410000	Indicator bacteria Impairment located at Loma I	Alta Creek Mouth. Nonpoint/Point Source	1.1 Miles	2008
9	C	Pacific Ocean Shoreline, Lower San Juan HSA	90120000				
				Indicator bacteria Impairment located at North . Beach Road.	Beach Creek, San Juan Creek (large outl Nonpoint/Point Source	1.2 Miles let), Capistrano Beach, South C	2008 apistrano Beach at

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	С	Pacific Ocean Shoreline, San Clemente HA	90130000	Beach at El Portal St. Stairs, S Clemente City Beach at South	Beach (large outlet), Ole Hanson Beach Club I San Clemente City Beach at Mariposa St., San Linda Lane, San Clemente City Beach at Lifeg City Beach at Trafalgar Canyon (Trafalgar L ach at Cypress Shores. Nonpoint/Point Source	Clemente City Beach at quard Headquarters, Und	Linda Lane, San der San Clemente
9	С	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 Impairment located at San Die	eguito Lagoon Mouth, Solana Beach. Nonpoint/Point Source	0.86 Miles	2005
9	С	Pacific Ocean Shoreline, San Joaquin Hills HSA	90111000	Indicator bacteria Impairment located at Cameo	Cove at Irvine Cove Dr./Riviera Way, Heisler Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	0.63 Miles Park-North	2005
9	С	Pacific Ocean Shoreline, San Luis Rey HU	90311000	Indicator bacteria Impairment located at San Lui	is Rey River Mouth. Nonpoint/Point Source	0.49 Miles	2005
9	C	Pacific Ocean Shoreline, San Marcos HA	90451000	Indicator bacteria Impairment located at Moonli	ght State Beach. Nonpoint/Point Source	0.5 Miles	2005
9	С	Pacific Ocean Shoreline, Scripps HA	90630000	Indicator bacteria This listing for indicator bacte	eria onliy applies to the Childrens Pool Beach Nonpoint/Point Source	3.9 Miles area of this ocean shore	2019 line segment.

${\bf 2006~CWA~SECTION~303(d)~LIST~OF~WATER~QUALITY~LIMITED~SEGMENTS~REQUIRING~TMDLS}$

REGION TY	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9 C	Pacific Ocean Shoreline, Tijuana H	U 91111000	Indicator bacteria Impairment located from the	border, extending north along the shore. Nonpoint/Point Source	3 Miles	2010
9 R	R Pine Valley Creek (Upper)	91141000	Enterococcus		2.9 Miles	2010
				Grazing-Related Sources Concentrated Animal Feeding Operations (permitted, point source)		
			Phosphorus	Transient encampments	2.9 Miles	2019
			Turbidity	Source Unknown	2.9 Miles	2019
				Source Unknown		
9 R	R Pogi Canyon Creek	91020000	DDT		7.8 Miles	2019
				Source Unknown		
9 R	R Prima Deshecha Creek	90130000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source	1.2 Miles	2019
			Turbidity	Unknown point source Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	1.2 Miles	2019
9 R	Rainbow Creek	90222000	Iron		5 Miles	2019
				Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sulfates		5 Miles	2019
				Total Dissolved Solids	Source Unknown	5 Miles	2019
					Source Unknown		
9	R	Reidy Canyon Creek	90462000	Phosphorus		3.9 Miles	2019
					Source Unknown		
9	В	San Diego Bay	91010000	PCBs (Polychlorinated bipher	yls)	10783 Acres	2019
					Source Unknown		
9	В	San Diego Bay Shoreline, 32nd St San Diego Naval Station	90822000	Benthic Community Effects		103 Acres	2019
				Sediment Toxicity	Nonpoint/Point Source Nonpoint/Point Source	103 Acres	2019
9	В	San Diego Bay Shoreline, at Americas Cup Harbor	90810000	Copper	Source Unknown	88 Acres	2019
9	В	San Diego Bay Shoreline, at Bayside Park (J Street)	90911000	Indicator bacteria This listing was made by USE	PA for 2006. Source Unknown	50 Acres	2019
9	В	San Diego Bay Shoreline, at Coronado Cays	91010000	Соррег		47 Acres	2019
					Source Unknown		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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
				Source Unknown			
9	В	San Diego Bay Shoreline, at Harbor Island (West Basin)	90810000				
		(((((((((((((((((((((((((((((((((((((((Copper		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
					Nonpoint/Point Source		****
				Mercury		53 Acres	2006
				PAHs (Polycyclic Aromatic H	Nonpoint/Point Source ydrocarbons)	53 Acres	2006
				PCBs (Polychlorinated bipher	Nonpoint/Point Source	53 Acres	2019
				Zinc	Nonpoint/Point Source	53 Acres	2019
					Nonpoint/Point Source		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	C	San Diego Bay Shoreline, Chula Vista	90912000				
		Marina		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	N	7.4 Acres	2019
					Nonpoint/Point Source		
9	С	San Diego Bay Shoreline, G Street Pier	90821000	Indicator bacteria		0.42 Miles	2006
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
9	В	San Diego Bay Shoreline, near Chollas Creek	90822000				
		Creek		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		
				Sediment Toxicity Includes Croshy Street/Cesar	Chavez Park area, that will receive additional mor	37 Acres	2019
				Themaes Crosby Street Cesar	Nonpoint/Point Source	mornig.	
9	В	San Diego Bay Shoreline, near sub base	90810000				
				Benthic Community Effects		16 Acres	2019
				Sediment Toxicity	Nonpoint/Point Source	16 Acres	2019
				scument Toxicity	Nonpoint/Point Source	10 Acres	2019
					- componies one bource		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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		5.5 Acres	2019
					Urban Runoff/Storm Sewers		
					Other		
					Boatyards		
				DATE (D. L	Nonpoint/Point Source	5.5.	2010
				PAHs (Polycyclic Aromatic H		5.5 Acres	2019
					Urban Runoff/Storm Sewers Other		
					Boatyards		
					Nonpoint/Point Source		
9	n	G. D. D. GL. P. N. d. CA41	00022000				
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	В	San Diego Bay Shoreline, Seventh Street	90831000				
		Channel					
				Benthic Community Effects		9 Acres	2008
				G 11	Nonpoint/Point Source	0. 4	2000
				Sediment Toxicity	N	9 Acres	2008
					Nonpoint/Point Source		
9	С	San Diego Bay Shoreline, Shelter Island Shoreline Park	90810000				
				Indicator bacteria		0.42 Miles	2006
					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	В	San Diego Bay Shoreline, Vicinity of B St and Broadway Piers	90821000				
				Benthic Community Effects		9.9 Acres	2019
					Nonpoint/Point Source		
				Indicator bacteria		9.9 Acres	2006
				Estimated size of impairment is	s 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		
0		a p: p: a	00511000		•		
9	R	San Diego River (Lower)	90711000	Fecal Coliform		16 Miles	2005
				Lower 6 miles.		10 Miles	2003
					Urban Runoff/Storm Sewers		
					Wastewater		
					Nonpoint/Point Source		
				Low Dissolved Oxygen		16 Miles	2019
				Impairment transcends adjace	nt Calwater wtareshed 90712.		
					Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
				Phosphorus		16 Miles	2019
				Impairment transcends adjace	nt Calwater watershed 90712. Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		
				Total Dissolved Solids	-	16 Miles	2019
				Impairment transcends adjace	nt Calwater watershed 90712.		
					Urban Runoff/Storm Sewers		
					Flow Regulation/Modification		
					Natural Sources		
					Unknown Nonpoint Source		
					Unknown point source		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	E	San Elijo Lagoon	90461000				
		2.11		Eutrophic		566 Acres	2019
				Estimated size of impairment is	s 330 acres.		
					Nonpoint/Point Source		
				Indicator bacteria	•	566 Acres	2008
				Estimated size of impairment is	s 150 acres.		
					Nonpoint/Point Source		
				Sedimentation/Siltation	•	566 Acres	2019
				Estimated size of impairment is	s 150 acres	200 110105	
				Estimated size of impairment is	Nonpoint/Point Source		
9	R	San Juan Creek	90120000				****
				DDE		1 Miles	2019
					Source Unknown		
					Source Unknown	4 3 500	•••
				Indicator bacteria		1 Miles	2005
					N		
					Nonpoint/Point Source		
9	E	San Juan Creek (mouth)	90120000				
				Indicator bacteria		6.3 Acres	2008
					Nonpoint/Point Source		
0	n	C. I 'D D'	00211000				
9	R	San Luis Rey River	90311000	Chloride		19 Miles	2019
					2 milas	19 Willes	2019
				Impairment located at lower 1.	Urban Runoff/Storm Sewers		
					Unknown Nonpoint Source		
					Unknown point source		

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REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			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		19 Miles	2019
				Source Unknown		
			Sediment Toxicity	***************************************	19 Miles	2019
				Source Unknown		
9 L	San Marcos Lake	90452000	Ammonia as Nitrogen		17 Acres	2019
					17 110105	2029
				Source Unknown		
			Nutrients		17 Acres	2019
				Source Unknown		
			Phosphorus		17 Acres	2019
				Source Unknown		
9 L	San Vicente Reservoir	90721000		Source Changen		
9 L	San vicenie Reservon	30721000	Chloride		1058 Acres	2019
				Source Unknown		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Color		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
				Total Dissolved Solids	Source Unknown	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	Nonpoint/Point Source	28 Acres	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Santa Margarita River (Upper)	90222000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	18 Miles	2019
9	R	Segunda Deshecha Creek	90130000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	0.92 Miles	2019
				Turbidity	Construction/Land Development Urban Runoff/Storm Sewers Channelization Flow Regulation/Modification Unknown Nonpoint Source Unknown point source	0.92 Miles	2019
9	R	Soledad Canyon	90610000	Sediment Toxicity	Source Unknown	1.7 Miles	2019
9	L	Sutherland Reservoir	90553000	Color	Urban Runoff/Storm Sewers Unknown Nonpoint Source	561 Acres	2019
				Manganese	Unknown point source Source Unknown	561 Acres	2019
				рН	Source Unknown	561 Acres	2019

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	L	Sweetwater Reservoir	90921000	Oxygen, Dissolved		925 Acres	2019
					Source Unknown		
9	R	Tecolote Creek	90650000	Cadmium		6.6 Miles	2019
				Copper	Nonpoint/Point Source	6.6 Miles	2019
				Indicator bacteria	Nonpoint/Point Source	6.6 Miles	2006
				Lead	Nonpoint/Point Source	6.6 Miles	2019
				Phosphorus	Nonpoint/Point Source	6.6 Miles	2019
				i nospitorus	Source Unknown	olo mies	2017
				Toxicity	Source Chanown	6.6 Miles	2019
				Turbidity	Nonpoint/Point Source	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
					Source Unknown		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		44 Miles	2019
					Source Unknown		
9	R	Tijuana River	91111000				
				Eutrophic		6 Miles	2019
					Nonpoint/Point Source		
				Indicator bacteria	•	6 Miles	2010
					Nonpoint/Point Source		
				Low Dissolved Oxygen	Nonpoint/1 oint Source	6 Miles	2019
					N		
				Pesticides	Nonpoint/Point Source	6 Miles	2019
				Solids	Nonpoint/Point Source	6 Miles	2019
				Solius		0 Miles	2019
					Nonpoint/Point Source	. 	2010
				Synthetic Organics		6 Miles	2019
					Nonpoint/Point Source		
				Trace Elements		6 Miles	2019
					Nonpoint/Point Source		
				Trash		6 Miles	2019
					Nonpoint/Point Source		
9	E	Tijuana River Estuary	91111000				
				Estimated size of impairment	is Lacra	1319 Acres	2019
				Estimated size of impairment	Nonpoint/Point Source		
				Indicator bacteria		1319 Acres	2010
				Estimated size of impairment	is 150 acres. Nonpoint/Point Source		
					-		

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			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			
				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			
				Nonpoint/Point Source		
			Turbidity		1319 Acres	2019
				Source Unknown		

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

	<u>ABBREVIATIONS</u>							
REC	GIONAL 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	$\mathbf{W} =$	Wetlands, Freshwater					
9	San Diego							

GROUP A PESTICIDES OR CHEM A

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

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