SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATEI SIZE AFFECT	
2	R	Alamitos Creek	20540041	Mercury TMDL will be developed as parassessment is needed.	rt of the Santa Clara Basin Watershed Managem	7.1 Mi lent Initiative. Ad	
2	L	Anderson Reservoir	20530050	Mercury		1013 Acr	res 2019
				PCBs (Polychlorinated bipheny	Source Unknown lls)	1013 Acr	res 2019
					Source Unknown		
2	C	Aquatic Park Beach	20340010	Indicator bacteria This listing was made by USEF	PA for 2006. Source Unknown	0.18 Mil	es 2019
2	L	Bon Tempe Reservoir	20113020	Mercury		120 Acı	res 2019
					Source Unknown		
2	R	Butano Creek	20240031	Sedimentation/Siltation Impairment to steelhead habita	_{ut.} Nonpoint Source	3.6 Mil	es 2019
2	L	Calero Reservoir	20540031	Mercury TMDL will be developed as parassessment is needed.	rt of the Santa Clara Basin Watershed Managem Surface Mining Mine Tailings	334 Ac nent Initiative. Ad	
2	С	Candlestick Point	20440011	Indicator bacteria This listing was made by USEF Windsurfer Circle, and Sunnyd	PA for 2006. This listing includes the area of Ca. lale Cove. Source Unknown	1.6 Mi l ndlestick Point at	

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USEPA APPROVAL DATE: JUNE 28, 2007

						USEPA APPI	ROVAL	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
2	Е	Carquinez Strait	20710020					
_	_			Chlordane		5657	Acres	2008
				This listing was made by USE	EPA.			
					Nonpoint Source			
				DDT		5657	Acres	2008
					N 4 G			
				D. 11.	Nonpoint Source			2000
				Dieldrin	ZDA	5657	Acres	2008
				This listing was made by USE	Nonpoint Source			
				Diarin Campaunda (includina	•	5457	Acres	2019
				Dioxin Compounds (including	2,3,7,8-TCDD) 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 USE.		0-11 <i>x</i> C <i>D</i> 1), 1,2,3,7,0,9-
				•	Atmospheric Deposition			
				Exotic Species		5657	Acres	2019
				Disrupt natural benthos; char	nge pollutant availability in food chain; disrup Ballast Water	ot food availabilit	y to nativ	e species.
				Furan Compounds		5657	Acres	2019
				The specific compounds are 2	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeC 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2			
					Atmospheric Deposition			
				Mercury		5657	Acres	2006
					nsumption and wildlife consumption impacted mining; most significant ongoing source is ere from point sources. Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs (Polychlorinated bipher	nyls)	5657	Acres	2006
					ı-like PCBs.Interim health advisory for fish; ur	acertainty regardi	ng water	column

Unknown Nonpoint Source

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipheny	yls) (dioxin-like)	5657 Acres	2019
				(169), 2,3,3,4,4-PeCB (105), 2	unds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (3,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (1	3), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
					Unknown Nonpoint Source		
				Selenium		5657 Acres	2019
				contributions from oil refinerie species may have made food cl	he food chain; most sensitive indicator is es (control program in place) and agricul hain more susceptible to accumulation of ucks); low TMDL priority because Individ Industrial Point Sources	ture (carried downstream by i selenium; health consumption	ivers); exotic advisory in effect
					Agriculture		
2	E	Castro Cove, Richmond (San Pablo Basin)	20660014				
				Dieldrin (sediment)		71 Acres	2008
					Urban Runoff/Storm Sewers		
					Point Source		
				Mercury (sediment)		71 Acres	2006
					Urban Runoff/Storm Sewers		
					Point Source		
				PAHs (Polycyclic Aromatic Hy	drocarbons) (sediment)	71 Acres	2019
					Urban Runoff/Storm Sewers		
					Point Source		
				Selenium (sediment)		71 Acres	2019
					Urban Runoff/Storm Sewers		
					Point Source		
2	В	Central Basin, San Francisco (part of SF Bay, Central)	20440010				
				Chlordane		40 Acres	2008
				This listing was made by USEI	PA.		
					Nonpoint Source		
				DDT		40 Acres	2008
				This listing was made by USEI			
				Dioldwin	Nonpoint Source	40 A = · · ·	2010
				Dieldrin This listing was made by USEI	PA	40 Acres	2019
				This using was made by OSEI	Nonpoint Source		

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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
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	40 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 D, and OCDD. This listing was made		D, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		40 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chai Ballast Water	n; disrupt food availability to nativ	ve species.
			Furan Compounds		40 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
				Atmospheric Deposition		
			Mercury		40 Acres	2006
			for multiple fish species incli	nsumption and wildlife consumption in iding striped bass and shark. Major so cant ongoing source is erosion and dr	ource is historic: gold mining sedi	ments and local
				Industrial Point Sources		
				Minor Industrial Point Source		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Mercury (sediment)		40 Acres	2006
				Urban Runoff/Storm Sewers		
				Point Source		
			PAHs (Polycyclic Aromatic H	(ydrocarbons) (sediment)	40 Acres	2019
				Urban Runoff/Storm Sewers		
				Point Source		
			PCBs (Polychlorinated bipher	nyls)	40 Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory fo	r fish; uncertainty regarding water	column

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipheny	yls) (dioxin-like)	40 Acres	2019
				(169), 2,3,3,4,4-PeCB (105), 2	unds 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 4,5,5,-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),
				Selenium	Unknown Nonpoint Source	40 Acres	2019
				Affected use is one branch of to contributions from oil refinerie species may have made food co	he food chain; most sensitive indicato es (control program in place) and agn hain more susceptible to accumulatio ucks); low TMDL priority because Ind	or is hatchability in nesting diving riculture (carried downstream by i n of selenium; health consumption	birds, significant rivers); exotic advisory in effect
					Industrial Point Sources		
					Agriculture		
					Natural Sources		
					Exotic Species		
2	С	Chicken Ranch Beach	20114033	Indicator bacteria		0.17 Miles	2008
				This listing was made by USEI	PA for 2006.		
					Source Unknown		
2	C	China Camp Beach	20610010				
				Indicator bacteria		0.08 Miles	2019
				This listing was made by USEI	•		
					Source Unknown		
2	C	Crissy Field Beach	20340010	T. P 4 1 4 1.		0.0 3/21	2010
				Indicator bacteria This listing was made by USEI	PA for 2006. This listing includes the Source Unknown	0.8 Miles e east and west areas of Crissy Fid	2019 eld.
2	L	Del Valle Reservoir	20430024				
				Mercury		1022 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipheny		1022 Acres	2019
				1 CDs (1 orycmor mateu orpneny	y 15 <i>)</i>	1022 Acres	2019
					Source Unknown		
2	C	Golden Hinde Beach	20114033				
				Indicator bacteria		0.11 Miles	2008
				This listing was made by USEI	*		
					Source Unknown		

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION 7	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
2	R	Guadalupe Creek	20540050				
				Mercury		8.1 Miles	2006
				TMDL will be developed as passessment is needed.	part of the Santa Clara Basin Watershed	Management Initiative. Additi	onal monitoring and
					Mine Tailings		
2	L	Guadalupe Reservoir	20540040				
					part of the Santa Clara Basin Watershed .	63 Acres Management Initiative. Additi	2006 ional monitoring and
				assessment is needed.	Surface Mining		
					Mine Tailings		
2	R	Guadalupe River	20540050				
				Mercury		18 Miles	2006
				TMDL will be developed as passessment is needed.	part of the Santa Clara Basin Watershed I	Management Initiative. Additi	ional monitoring and
					Mine Tailings		
2	C	Hearts Desire Beach	20114033				
				Indicator bacteria	EDA (2006	0.38 Miles	2008
				This listing was made by USA	Source Unknown		
	_	****	**********		Source Onknown		
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		
				D (-f 21			

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REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	46 Acres	2019
				Industrial Point Sources		
				Combined Sewer Overflow		
			Sediment Toxicity		46 Acres	2019
				Source Unknown		
2 L	Lafayette Reservoir	20732010				
			Mercury		114 Acres	2019
				Source Unknown		
			PCBs (Polychlorinated bipher	nyls)	114 Acres	2019
				Source Unknown		
2 R	Lagunitas Creek	20113020			45.340	****
			Nutrients Tributary to Tomales Bay. T.	MDLs will be developed as part of evolving	17 Miles watershed management effo.	2019 rt. Additional
			monitoring and assessment n	eeded. Agriculture		
				Urban Runoff/Storm Sewers		
			Sedimentation/Siltation		17 Miles	2009
			Tributary to Tomales Bay. Tomonitoring and assessment n	MDLs will be developed as part of evolving eeded.	watershed management effor	rt. Additional
				Agriculture		
				Urban Runoff/Storm Sewers		
2 L	Lake Chabot (Alameda Co)	20420030	Chlordane		312 Acres	2019
			Cinordane		312 Acres	2019
				Source Unknown		
			DDT		312 Acres	2019
				Source Unknown		
			Dieldrin		312 Acres	2019
				Source Unknown		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Mercury		312 Acres	2019
				PCBs (Polychlorinated bipheny		312 Acres	2019
					Source Unknown		
2	L	Lake Herman	20721030	Mercury Additional monitoring and asse	essment needed. Problem due to historical minin Surface Mining	108 Acres	2019
2	L	Lake Merced	20210010	Low Dissolved Oxygen This listing was made by USEP		299 Acres	2019
				pH This listing was made by USEP	Source Unknown A. Source Unknown	299 Acres	2019
2	L	Lake Merritt	20420040	Organic Enrichment/Low Disso This listing was made by USEP		142 Acres	2019
				Trash	Urban Runoff/Storm Sewers	142 Acres	2019
2	C	Lawsons Landing	20112030	Indicator bacteria This listing was made by USEP	A for 2006. Source Unknown	3.2 Miles	2008
2	Е	Marina Lagoon (San Mateo County)	20440040	Coliform Bacteria	Urban Runoff/Storm Sewers Nonpoint Source	169 Acres	2019
2	С	McNears Beach	20610010	Indicator bacteria This listing was made by USEP	A for 2006. Source Unknown	0.18 Miles	2019

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	C	Millerton Point	20112032				
				Indicator bacteria		0.25 Miles	2008
				This listing was made by US.	EPA for 2006.		
					Source Unknown		
2	E	Mission Creek	20440010				
				Ammonia		8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Chlordane (sediment)		8.5 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Dieldrin (sediment)		8.5 Acres	2008
				` ,	Industrial Point Sources		
					Combined Sewer Overflow		
				Hydrogen Sulfide	5055 5 V 615 W	8.5 Acres	2019
				njurogen guntue	Industrial Point Sources	old Tieres	2019
					Combined Sewer Overflow		
				Lead (sediment)	Combined Sewer Overriow	8.5 Acres	2019
				Leau (seument)	Industrial Daint Comme	o.s Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow	0.7	•010
				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		
					•		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc (sediment)		8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
2	R	Napa River	20650010				
				Nutrients		65 Miles	2008
				TMDL will be developed as pa needed.	art of ongoing watershed management effort. A	Additional monitoring an	ad assessment
					Agriculture		
				Pathogens		65 Miles	2006
				TMDL will be developed as paneeded.	art of ongoing watershed management effort. A	Additional monitoring an	ed assessment
					Agriculture		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		65 Miles	2006
				TMDL will be developed as paneeded.	art of ongoing watershed management effort. A	Additional monitoring an	ed assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
2	L	Nicasio Reservoir	20113012				
				Mercury		829 Acres	2019
					Source Unknown		
2	В	Oakland Inner Harbor (Fruitvale Site, part	20420040				
		of SF Bay, Central)					
				Chlordane		0.93 Acres	2008
				This listing was made by USEI			
				CIL L. L. L. (P A)	Nonpoint Source	0.02	2000
				Chlordane (sediment)		0.93 Acres	2008
					Source Unknown		
				DDT		0.93 Acres	2008
				This listing was made by USEI	PA.		
					Nonpoint Source		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Dieldrin		0.93 Acres	2008
			This listing was made by USE.	PA.		
				Nonpoint Source		
			Dioxin Compounds (including	2,3,7,8-TCDD)	0.93 Acres	2019
				3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 D, and OCDD. This listing was mad		DD, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		0.93 Acres	2019
			Disrupt natural benthos; chan	ge pollutant availability in food cha Ballast Water	in; disrupt food availability to nati	ive species.
			Furan Compounds		0.93 Acres	2019
			The specific compounds are 2,	.3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3, 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2		
			,	Atmospheric Deposition		
			Mercury		0.93 Acres	2006
			for multiple fish species includ	sumption and wildlife consumption ling striped bass and shark. Major ant ongoing source is erosion and d	source is historic: gold mining sedi	iments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphen	yls)	0.93 Acres	2006
			This listing covers non dioxin- concentration data.	like PCBs.Interim health advisory fo	or fish; uncertainty regarding wate	er column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (dioxin-like)	0.93 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	ounds are 3,4,4,5-TCB (81), 3,3,3,3-1 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeC 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-H _I	B (118), 2,3,4,4,5-PeCB (123), 2,3,	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (sediment)	0.93 Acres	2006
			This listing covers non dioxin-	like PCBs. Interim health advisory	for fish; uncertainty regarding wat	ter

Source Unknown

columnconcentration data.

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sediment Toxicity		0.93 Acres	2019
				Source Unknown		
			Selenium		0.93 Acres	2019
			significantcontributions from exotic speciesmay have made	the food chain; most sensitive indicator is hatch to oil refineries (control program in place) and as to food chain more susceptible to accumulation of tiving ducks); low TMDL priority because Individ Industrial Point Sources	griculture (carried down f selenium; health const	nstream by rivers); umption advisory in
				Agriculture		
				Natural Sources		
				Exotic Species		
2 B	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 USI			
			Chlordane (sediment)	Nonpoint Source	1.8 Acres	2008
			Cinordane (sediment)	Source Unknown	1.0 Acres	2008
			Copper (sediment)	Source Chikhown	1.8 Acres	2019
			copper (seament)	Source Unknown	110 Heres	2013
			DDT	Source Camaron a	1.8 Acres	2008
			This listing was made by USI	EPA.		
				Nonpoint Source		
			Dieldrin		1.8 Acres	2008
			This listing was made by USI	EPA. Nonpoint Source		
			Dieldrin (sediment)	Nonpoint Source	1.8 Acres	2008
			Dictar in (seament)	Source Unknown	110 Heres	2000
			Dioxin Compounds (including		1.8 Acres	2019
			The specific compounds are 2	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxD, and OCDD. This listing was made by USEP. Atmospheric Deposition	CDD, 1,2,3,6,7,8-HxCI	
			Exotic Species	remospheric Deposition	1.8 Acres	2019
			•	nge pollutant availability in food chain; disrupt Ballast Water		

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			Furan Compounds		1.8	Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3, 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2			
				Atmospheric Deposition			
			Lead (sediment)		1.8	Acres	2019
				Source Unknown			
			Mercury		1.8	Acres	2006
			for multiple fish species incli	nsumption and wildlife consumption uding striped bass and shark. Major cant ongoing source is erosion and d	source is historic: gold min	ing sedi	ments and local
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Mercury (sediment)		1.8	Acres	2006
				Source Unknown			
			PAHs (Polycyclic Aromatic H	(sediment)	1.8	Acres	2019
				Source Unknown			
			PCBs (Polychlorinated bipher	nyls)	1.8	Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory fo	or fish; uncertainty regardin	ig water	column
				Unknown Nonpoint Source			
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	1.8	Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-2,2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeC. 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-H ₂	B (118), 2,3,4,4,5-PeCB (12	3), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source			
			PCBs (Polychlorinated bipher	nyls) (sediment)	1.8	Acres	2006
				Source Unknown			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				contributions from oil refinerions species may have made food co	he food chain; most sensitive indicator es (control program in place) and agric hain more susceptible to accumulation ucks); low TMDL priority because Indiv Industrial Point Sources Agriculture Natural Sources	culture (carried downstream by r of selenium; health consumption	ivers); exotic advisory in effect
				Zinc (sediment)	Exotic Species Source Unknown	1.8 Acres	2019
2	С	Pacific Ocean at Baker Beach	20340010	Indicator bacteria This listing was made by USEI Cove NW and NE.	PA for 2006. This listing includes the o	0.45 Miles area of Baker Beach at Lobos Cr	2019 reek, Horseshoe
2	С	Pacific Ocean at Bolinas Beach	20130011	Indicator bacteria This listing was made by USEI	PA for 2006. Source Unknown	0.39 Miles	2019
2	С	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 USEI	PA for 2006. Source Unknown	0.2 Miles	2019
2	С	Pacific Ocean at Pacifica State/Linda Mar Beach	20221011	Coliform Bacteria Linda Mar and San Pedro bea	oches are the areas affected. Urban Runoff/Storm Sewers Nonpoint Source	0.87 Miles	2019

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	С	Pacific Ocean at Pillar Point	20221012				
				Mercury		0.62 Miles	2019
					Source Unknown		
2	C	Pacific Ocean at Pillar Point Beach	20221012				
				Coliform Bacteria		1.1 Miles	2019
					Nonpoint Source		
2	C	Pacific Ocean at Rockaway Beach	20221011				
				Coliform Bacteria		0.29 Miles	2019
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
2	С	Pacific Ocean at Venice Beach	20222011	Coliform Bacteria		0.38 Miles	2019
					Nonpoint Source	vico mines	2029
2	R	Pescadero Creek	20240013				
_		2 5504402 5 52022	20210010	Sedimentation/Siltation		26 Miles	2019
				0 0 1	Fish and Game and the National Marine Fish l, the State Water Board supports removing t Nonpoint Source	v v	2 0
2	R	Petaluma River	20630020				
				Diazinon		22 Miles	2005
				Data source: Abelli-Amen, P	etaluma Tree Planters, 1999. Urban Runoff/Storm Sewers		
				Nutrients	Croan Kanon/Storm Sewers	22 Miles	2019
				TMDL will be developed as p	part of ongoing watershed management effor	t. Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens TMDL will be developed as r	part of ongoing watershed management effor	22 Miles	2019
				needed.	ari oj ongoing waiersnea management ejjor	i. Additional monitoring an	и иззезатет
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		22 Miles	2019
				Agriculture		
				Construction/Land Development		
				Urban Runoff/Storm Sewers		
2 R	Petaluma River (tidal portion)	20630040				
- 1	remain river (train portion)	20020010	Diazinon		1.1 Miles	2005
			Data source: Abelli-Amen, Peto	aluma Tree Planters, 1999. Urban Runoff/Storm Sewers		
			Nickel		1.1 Miles	2019
			Exceedance of California Toxio sediment tissue levels.	c Rule dissolved criteria and National Toxic Ri	ule total criteria; elevate	ed water and
				Municipal Point Sources		
				Urban Runoff/Storm Sewers		
				Atmospheric Deposition		
			Nutrients TMDL will be developed as parneeded.	rt of ongoing watershed management effort. A	1.1 Miles dditional monitoring an	2019 d assessment
			пеецец.	Agriculture		
				Construction/Land Development		
				Urban Runoff/Storm Sewers		
			Pathogens		1.1 Miles	2019
			-	rt of ongoing watershed management effort. A	dditional monitoring an	d assessment
				Agriculture		
				Construction/Land Development		
				Urban Runoff/Storm Sewers		
2 R	Pomponio Creek	20240020				
			Coliform Bacteria		7.1 Miles	2019
				Nonpoint Source		
2 B	Richardson Bay	20312010				
			Chlordane		2439 Acres	2008
			This listing was made by USEP			
				Nonpoint Source		

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

2006

					USEPA APPROVAL	DATE: JUNE 28, 20
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
				larbor, is less than 10% of embayment eboat areas; extensive local control pr		
			•	Urban Runoff/Storm Sewers		
				Septage Disposal		
				Boat Discharges/Vessel Wastes		
			DDT		2439 Acres	2008
			This listing was made by USE	EPA. Nonpoint Source		
			Dieldrin	•	2439 Acres	2008
			This listing was made by USE	EPA.		
				Unknown Nonpoint Source		
			Dioxin Compounds (including	(2,3,7,8-TCDD)	2439 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 D, and OCDD. This listing was made		DD, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		2439 Acres	2019
			Disrupt natural benthos; char	nge pollutant availability in food chair Ballast Water	n; disrupt food availability to nati	ive species.
			Furan Compounds		2439 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpC		
			•	Atmospheric Deposition		
			Mercury		2439 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption in ding striped bass and shark. Major se cant ongoing source is erosion and dra	ource is historic: gold mining sed	iments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		

PCBs (Polychlorinated biphenyls) 2439 Acres
This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column

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

Unknown Nonpoint Source

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA' SIZE AFFE		PROPOSED TMDI COMPLETION
			PCBs (Polychlorinated biphen	yls) (dioxin-like)	2439	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-PeCI 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp Unknown Nonpoint Source	B (118), 2,3,4,4,5-PeCB (12	23), 2,3,3	3,4,4,5-HxCB (156),
2 E Sac	cramento San Joaquin Delta	20710010					
			Chlordane		41736	Acres	2008
			This listing was made by USE.	PA.			
				Nonpoint Source			
			DDT		41736	Acres	2008
			This listing was made by USE.	PA.			
				Nonpoint Source			
			Dieldrin		41736	Acres	2008
			This listing was made by USE.	PA.			
			•	Nonpoint Source			
			Dioxin Compounds (including	2,3,7,8-TCDD)	41736	Acres	2019
			The specific compounds are 2,	,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2, D, and OCDD. This listing was made		8-HxCDi	D, 1,2,3,7,8,9-
			•	Atmospheric Deposition			
			Exotic Species		41736	Acres	2019
			Disrupt natural benthos; chan	nge pollutant availability in food cha	in; disrupt food availabilit	y to nativ	ve species.
				Ballast Water			
			Furan Compounds		41736	Acres	2019
				,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-Hp			
				Atmospheric Deposition			
			Mercury		41736	Acres	2006
				sumption and wildlife consumption in mining; most significant ongoing sout from point sources.			0
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Nonpoint Source			

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Nickel		41736 Acres	2019
			This listing was made by USE	EPA.		
				Source Unknown		
			PCBs (Polychlorinated bipher	nyls)	41736 Acres	2006
			This listing covers non dioxin concentration data.	a-like PCBs.Interim health advisory for fish;	uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	41736 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (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		
			Selenium		41736 Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicator is he ies (control program in place) and agricultu chain more susceptible to accumulation of se ducks); low TMDL priority because Individue	re (carried downstream by r elenium; health consumption	ivers); exotic advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
2 B S	an Francisco Bay, Central	20312010				
			Chlordane		70992 Acres	2008
			This listing was made by USI	EPA.		
				Nonpoint Source		
			DDT		70992 Acres	2008
			This listing was made by USE	EPA.		
				Nonpoint Source		
			Dieldrin		70992 Acres	2008
			This listing was made by USE			
				Nonpoint Source		
			Dioxin Compounds (including	(2,3,7,8-TCDD)	70992 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8- D, and OCDD. This listing was made by US		0, 1,2,3,7,8,9-
			7 4 9	Atmospheric Deposition	-022	•0.50
			Exotic Species	H	70992 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; disr. Ballast Water	upt food availability to nativ	e species.

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Furan Compounds		70992 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4 ,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,		
				Atmospheric Deposition		
			Mercury		70992 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption in ding striped bass and shark. Major s cant ongoing source is erosion and dr	ource is historic: gold mining sedin	ments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls)	70992 Acres	2006
			This listing covers non dioxin concentration data.	a-like PCBs.Interim health advisory fo	r fish; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	70992 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-T 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	8 (118), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		70992 Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicaties (control program in place) and ag chain more susceptible to accumulation ducks); low TMDL priority because In Industrial Point Sources Agriculture	riculture (carried downstream by ron of selenium; health consumption	ivers); exotic
				8		
				Natural Sources		
				Exotic Species		
2 B Sa	an Francisco Bay, Lower	20410010				
			Chlordane		92274 Acres	2008

This listing was made by USEPA.

Nonpoint Source

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			DDT		92274 Acres	2008
			This listing was made by USI	EPA.		
				Nonpoint Source		
			Dieldrin		92274 Acres	2008
			This listing was made by USI	EPA.		
				Nonpoint Source		
			Dioxin Compounds (including	(2,3,7,8-TCDD)	92274 Acres	2019
			1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 D, and OCDD. This listing was mad Atmospheric Deposition	2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDL le by USEPA.), 1,2,3,7,8,9-
			Exotic Species		92274 Acres	2019
			•	nge pollutant availability in food ch	ain; disrupt food availability to nativ	
			,	Ballast Water	, 1 3	1
			Furan Compounds		92274 Acres	2019
					,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1 pCDF, 1,2,3,4,7,8,9-HpCDF, and OC	
				Atmospheric Deposition		
			Mercury		92274 Acres	2006
			for multiple fish species inclu mercury mining; most signific	ding striped bass and shark. Major cant ongoing source is erosion and a	impacted uses: health consumption source is historic: gold mining sedit rainage from abandoned mines; mod Elevated sediment levels and elevated	nents and local lerate to low level
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipher	-	92274 Acres	2006
			This listing covers non dioxing concentration data.	n-like PCBs.Interim health advisory	for fish; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	92274 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeC	TCB (77), 3,3,4,4,5-PeCB (126), 3,3, B (118), 2,3,4,4,5-PeCB (123), 2,3,3 pCB (189). This listing was made by	4,4,5-HxCB (156),

Unknown Nonpoint Source

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						USEPA APPR	OVAL I	DATE: JUNE 28, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE(PROPOSED TMDL COMPLETION
2	В	San Francisco Bay, South	20510000					
		•		Chlordane		9204 A	Acres	2008
				This listing was made by USE	PA.			
					Nonpoint Source			
				DDT		9204 A	Acres	2008
				This listing was made by USE	PA.			
					Nonpoint Source			
				Dieldrin		9204 A	Acres	2008
				This listing was made by USE				
					Nonpoint Source			
				Dioxin Compounds (including		9204		2019
				1 0 1	,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8 D, and OCDD. This listing was made by U		-HxCDI	D, 1,2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		9204	Acres	2019
				Disrupt natural benthos; char	nge pollutant availability in food chain; dis Ballast Water	rupt food availability	to nativ	e species.
				Furan Compounds		9204 A	Acres	2019
					,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-F 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,			
					Atmospheric Deposition			
				Mercury		9204	Acres	2006
				for multiple fish species inclumercury mining; most signific	asumption and wildlife consumption impact ding striped bass and shark. Major source cant ongoing source is erosion and drainag er quality objective exceedances. Elevated Industrial Point Sources	is historic: gold mini e from abandoned mi	ng sedin nes; mod	nents and local derate to low level
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs (Polychlorinated biphen	•	9204	Acres	2006
				· •	-like PCBs.Interim health advisory for fish;	uncertainty regardin	g water	column

Unknown Nonpoint Source

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			(169), 2,3,3,4,4-PeCB (105), 2	yls) (dioxin-like) 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) Unknown Nonpoint Source	2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
			Selenium	•	9204 Acres	2019
				been issued by OEHHA for benthic-feeding di aat water contact recreation beneficial use (R		*
				Agriculture		
				Domestic Use of Ground Water		
2 R	San Francisquito Creek	20550040	Sedimentation/Siltation Impairment to steelhead habit	at.	12 Miles	2008
				Nonpoint Source		
2 R	San Gregorio Creek	20230014	Coliform Bacteria		11 Miles	2019
				Nonpoint Source		
			Sedimentation/Siltation		11 Miles	2019
			Impairment to steelhead habit	at. Nonpoint Source		
2 B	San Leandro Bay (part of SF Bay, Central)	20420040	Chlordane		588 Acres	2008
			This listing was made by USE	PA. Nonpoint Source		
			Dieldrin	•	588 Acres	2008
			This listing was made by USE.	PA. Nonpoint Source		
			Dioxin Compounds (including	-	588 Acres	2019
				Atmospheric Deposition		
			Exotic Species		588 Acres	2019
			Disrupt natural benthos; chan	ge pollutant availability in food chain; disru Ballast Water	ot food availability to nativ	ve species.

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

					USEPA APPROVAL	DATE: JUNE 28, 2007
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Furan Compounds		588 Acres	2019
			1 0 1	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-Pe 3-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8		
				Atmospheric Deposition		
			Lead (sediment)		588 Acres	2019
				Source Unknown		
			Mercury		588 Acres	2006
			for multiple fish species includ	sumption and wildlife consumption impacte ing striped bass and shark. Major source i unt ongoing source is erosion and drainage	is historic: gold mining sedi	ments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Mercury (sediment)		588 Acres	2006
				Source Unknown		
			PAHs (Polycyclic Aromatic Hyd	drocarbons) (sediment)	588 Acres	2019
				Source Unknown		
			Pesticides (sediment)		588 Acres	2019
				Source Unknown		
			Zinc (sediment)	Source Chanown	588 Acres	2019
			Zine (sediment)		500 Meres	2017
				Source Unknown		
2 B San	n Pablo Bay	20610010				
			Chlordane		68349 Acres	2008
			This listing was made by USEF			
				Nonpoint Source		
			DDT	24	68349 Acres	2008
			This listing was made by USEF			
				Nonpoint Source		

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

-					USEPA APPR	ROVAL 1	DATE: JUNE 28, 200°
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMDL COMPLETION
			Dieldrin		68349	Acres	2008
			This listing was made by USI	EPA.			
				Nonpoint Source			
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	68349	Acres	2019
			1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 DD, and OCDD. This listing was mad		8-HxCDI	D, 1,2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		68349	Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food cha	in; disrupt food availability	y to nativ	re species.
				Ballast Water			
			Furan Compounds		68349	Acres	2019
			1 0 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 _I			
				Atmospheric Deposition			
			Mercury		68349	Acres	2006
			for multiple fish species incli	nsumption and wildlife consumption uding striped bass and shark. Major cant ongoing source is erosion and d	source is historic: gold min	iing sedii	ments and local
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Nickel		68349	Acres	2019
			This listing was made by USI	EPA.			
				Source Unknown			
			PCBs (Polychlorinated bipher	nyls)	68349	Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory f	or fish; uncertainty regardi	ng water	column
				Unknown Nonpoint Source			
			PCBs (Polychlorinated bipher	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 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-H _I	B (118), 2,3,4,4,5-PeCB (12	23), 2,3,3	3,4,4,5-HxCB (156),

Unknown Nonpoint Source

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			contributions from oil refiner species may have made food	the food chain; most sensitive indicator is hate ies (control program in place) and agriculture chain more susceptible to accumulation of sele ducks); low TMDL priority because Individual Industrial Point Sources Agriculture Natural Sources Exotic Species	(carried downstream by r nium; health consumption	rivers); exotic advisory in effect
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		784 Acres	2019
			Toxaphene	Source Unknown	784 Acres	2019
2 R	San Pedro Creek	20221011	Coliform Bacteria	Urban Runoff/Storm Sewers	2.4 Miles	2019
2 R	San Vicente Creek	20221012	Coliform Bacteria	Nonpoint Source	3.8 Miles	2019

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Shadow Cliffs Reservoir	20430080				
				Mercury		90 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	90 Acres	2019
					Source Unknown		
2	R	Sonoma Creek	20640050				
				Nutrients		30 Miles	2008
				TMDL will be developed as p needed.	art of ongoing watershed management effo	ort. Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		30 Miles	2006
				TMDL will be developed as p needed.	art of ongoing watershed management effo	ort. 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 p needed.	art of ongoing watershed management effo	ort. 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 bipher	nyls)	49 Acres	2019
					Source Unknown		

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

						CSETATITACTAE	DATE: SCINE 20, 2007
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Stevens Creek	20550020				
				Toxicity		20 Miles	2019
					Source Unknown		
2	L	Stevens Creek Reservoir	20550031				
				Chlordane		85 Acres	2019
					Source Unknown		
				Dieldrin		85 Acres	2019
					G II I		
					Source Unknown	07. 4	2010
				Mercury		85 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher		85 Acres	2019
				1 025 (1 oij emormatea sipile	-5	36 110105	
					Source Unknown		
2	В	Suisun Bay	20710020				
				Chlordane		25335 Acres	2008
				This listing was made by USI			
					Nonpoint Source		
				DDT	304	25335 Acres	2008
				This listing was made by USI	Nonpoint Source		
				Dieldrin	Nonpoint Source	25335 Acres	2008
				This listing was made by USI	EPA	25555 Acres	2006
				This tisting was made by OSI	Nonpoint Source		
				Dioxin Compounds (including	-	25335 Acres	2019
				The specific compounds are 2	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 D, and OCDD. This listing was made	,4,7,8-HxCDD, 1,2,3,6,7,8-HxCL	
					Atmospheric Deposition	•	
				Exotic Species		25335 Acres	2019
				Disrupt natural benthos; cha	nge pollutant availability in food chair	ı; disrupt food availability to nat	ive species.

Ballast Water

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

					USEPA APPRO)VAL I	DATE: JUNE 28, 200'
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATI SIZE AFFEC		PROPOSED TMDL COMPLETION
			Furan Compounds		25335 A	cres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF,			
				Atmospheric Deposition			
			Mercury		25335 A	cres	2006
			· ·	nsumption and wildlife consumpti mining; most significant ongoing from point sources.	1 0		0
				Industrial Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Nickel		25335 A	cres	2019
			This listing was made by USI	EPA.			
				Source Unknown			
			PCBs (Polychlorinated bipher	nyls)	25335 A	cres	2006
			This listing covers non-dioxin concentration data.	n-like PCBs. Interim health adviso	ory for fish; uncertainty regardin	ng wate	er column
				Unknown point source			
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	25335 A	cres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3 2,3,4,4,5-PeCB (114), 2,3,4,4,5-P 4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-	eCB (118), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source			
			Selenium		25335 A	cres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive ind ries (control program in place) an- chain more susceptible to accumu ducks); low TMDL priority becaus Industrial Point Sources	d agriculture (carried downstred lation of selenium; health consu	am by ri mption	ivers); exotic
				Natural Sources			

Exotic Species

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

REGION T	ГҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA' SIZE AFFE		PROPOSED TMDL COMPLETION
2	T	Suisun Marsh Wetlands	20723000					
				Metals		66339	Acres	2019
				Additional monitoring and as.				
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Nutrients		66339	Acres	2019
				Additional monitoring and as.				
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Organic Enrichment/Low Diss	• •	66339	Acres	2019
				Additional monitoring and as.	sessment needed. Agriculture			
					ŭ			
					Urban Runoff/Storm Sewers			
				a ii ii /mpa/aii ii	Flow Regulation/Modification	((220		2010
				Salinity/TDS/Chlorides Additional monitoring and as.	accoment peeded	66339	Acres	2019
				Additional monitoring and as.	Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					2.2011 2.100 2.120			
2	В	Tomales Bay	20114033	M		0545	Acres	2010
				Mercury Current data indicate fish cor	nsumption and wildlife consumption impacted use			
				for multiple fish species inclu	ding striped bass and shark. Major source is hist cant ongoing source is erosion and drainage from	oric: gold mi	ıing sedi	ments and local
					Mine Tailings			
				Nutrients		8545	Acres	2019
					art of ongoing watershed management effort. Tri ged first. Additional monitoring and assessment n		s, Laguni	itas Creek and
				Sedimentation/Siltation	Agriculture	0545	Acres	2008
					art of ongoing watershed management effort. Tri			
					ged first. Additional monitoring and assessment n		, Lugan	C. con ana
					Agriculture			
					Upstream Impoundment			

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Walker Creek	20112013				
				Mercury		16 Miles	2006
				Tributary to Tomales Bay. Tomonitoring and assessment	TMDLs will be developed as part of evol needed.	ving watershed management effo	rt. Additional
					Surface Mining		
					Mine Tailings		
				Nutrients		16 Miles	2019
				Tributary to Tomales Bay. Tomonitoring and assessment	TMDLs will be developed as part of evol needed.	ving watershed management effo	rt. Additional
					Agriculture		
				Sedimentation/Siltation		16 Miles	2009
				Tributary to Tomales Bay. Tomonitoring and assessment	TMDLs will be developed as part of evol needed.	ving watershed management effo	rt. Additional
					Agriculture		

ABB	REVL	ATIONS
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REGIONAL 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				

CALWATER WATERSHED

"Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.

GROUP A PESTICIDES OR CHEM A

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