SAN FRANCISCO BAY REGIONAL BOARD

REGION			CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Alameda Creek	20430051	Diazinon This listing was made by USEP.	A. Urban Runoff/Storm Sewers	51 Miles	2005
2	R	Alamitos Creek	20540041	assessment is needed.	t of the Santa Clara Basin Watershed Manage. Mine Tailings	7.1 Miles ment Initiative. Addition	2006 nal monitoring and
2	L	Anderson Reservoir	20530050	Mercury	Source Unknown	1013 Acres	2019
				PCBs (Polychlorinated bipheny		1013 Acres	2019
2	R	Arroyo Corte Madera Del Presidio	20320020	Diazinon This listing was made by USEP.	A. Urban Runoff/Storm Sewers	4 Miles	2005
2	R	Arroyo De La Laguna	20430084	Diazinon This listing was made by USEP.	A. Urban Runoff/Storm Sewers	7.4 Miles	2005
2	R	Arroyo Del Valle	20430023	Diazinon This listing was made by USEP.	A. Urban Runoff/Storm Sewers	31 Miles	2005
2	R	Arroyo Las Positas	20430080	Diazinon	Urban Runoff/Storm Sewers	14 Miles	2005

SAN FRANCISCO BAY REGIONAL BOARD

REGION	ТҮРЕ		CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
2	R	Arroyo Mocho	20430080	Diazinon		21	Miles	2005
				Diazinon		34	wines	2005
					Urban Runoff/Storm Sewers			
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 habita	n. Nonpoint Source			
2	R	Calabazas Creek	20640012					
_				Diazinon		4.7	Miles	2005
				This listing was made by USEF				
					Urban Runoff/Storm Sewers			
2	L	Calero Reservoir	20540031	Mercury		334	Acres	2006
				•	rt of the Santa Clara Basin Watershed Managem			nal monitoring and
					Surface Mining			
					Mine Tailings			
2	E	Carquinez Strait	20710020					
				Chlordane This listing was made by USEF	24	5657	Acres	2008
				This tisting was made by OSLI	Nonpoint Source			
				DDT		5657	Acres	2008
					Nonpoint Source			
				Dieldrin		5657	Acres	2008
				This listing was made by USEF	PA. Nonpoint Source			
				Dioxin Compounds (including 2	•	5657	Acres	2019
				The specific compounds are 2,3	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCl			
				HxCDD, 1,2,3,4,6,7,8-HpCDD	, and OCDD. This listing was made by USEPA. Atmospheric Deposition			

SAN FRANCISCO BAY REGIONAL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TM COMPLETION
			Exotic Species		5657 Acres	2019
			Disrupt natural benthos; char	nge pollutant availability in food chain; di Ballast Water	isrupt food availability to na	tive species.
			Furan Compounds		5657 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8- 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF		
				Atmospheric Deposition		
			Mercury		5657 Acres	2006
			v	nsumption and wildlife consumption impac mining; most significant ongoing source is from point sources.	v	0 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.	-like PCBs.Interim health advisory for fish	h; uncertainty regarding wat	er 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 (114,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (8), 2,3,4,4,5-PeCB (123), 2,3	,3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		5657 Acres	2019
			contributions from oil refiner species may have made food o	the food chain; most sensitive indicator is ies (control program in place) and agricul chain more susceptible to accumulation of lucks); low TMDL priority because Indivic	lture (carried downstream by f selenium; health consumption	rivers); exotic on advisory in effect
				Industrial Point Sources	· 1	
				Agriculture		
2 E Cast	ro Cove, Richmond (San Pablo Basin)	20660014				
			Dieldrin (sediment)		71 Acres	2008
				Urban Runoff/Storm Sewers		
				Point Source		

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

					5112			E: OCTOBER 23, 2000
REGION T	гүре	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
				Mercury (sediment)		71	Acres	2006
					Urban Runoff/Storm Sewers			
					Point Source			
				PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	71	Acres	2019
					Urban Runoff/Storm Sewers			
					Point Source			
				Selenium (sediment)		71	Acres	2019
					Urban Runoff/Storm Sewers			
					Point Source			
2		Central Basin, San Francisco (part of SF Bay, Central)	20440010					
				Chlordane		40	Acres	2008
				This listing was made by USE				
					Nonpoint Source			
				DDT		40	Acres	2008
				This listing was made by USE	PA. Nonpoint Source			
				Dieldrin	Nonpoint Source	40	Acres	2019
				This listing was made by USE	PPA	40	Acres	2019
				This tisting was made by OSE	Nonpoint Source			
				Dioxin Compounds (including	2,3,7,8-TCDD)	40	Acres	2019
					2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxQ D, and OCDD. This listing was made by USEPA		8-HxCDI	0, 1,2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species			Acres	2019
				Disrupt natural benthos; char	nge pollutant availability in food chain; disrupt j Ballast Water	food availabilit _y	y to nativ	e species.
				Furan Compounds			Acres	2019
					,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCD 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-F			

Atmospheric Deposition

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMD COMPLETION
			Mercury		40	Acres	2006
			for multiple fish species incl	nsumption and wildlife consumption imp uding striped bass and shark. Major sou cant ongoing source is erosion and drain	rce is historic: gold mi	ning sedir	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	lydrocarbons) (sediment)	40	Acres	2019
				Urban Runoff/Storm Sewers			
				Point Source			
			PCBs (Polychlorinated biphe	nyls)	40	Acres	2006
			This listing covers non dioxing concentration data.	n-like PCBs.Interim health advisory for f	ish; uncertainty regardi	ng water	column
				Unknown Nonpoint Source			
			PCBs (Polychlorinated biphe	nyls) (dioxin-like)	40	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 (144,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB Unknown Nonpoint Source	118), 2,3,4,4,5-PeCB (1	23), 2,3,3	,4,4,5-HxCB (156),
			Selenium		40	Acres	2019
			contributions from oil refined species may have made food	f the food chain; most sensitive indicator ries (control program in place) and agric chain more susceptible to accumulation ducks); low TMDL priority because Indi Industrial Point Sources	culture (carried downstr of selenium; health con	eam by rasumption	ivers); exotic

Agriculture Natural Sources Exotic Species

SAN FRANCISCO BAY REGIONAL BOARD

								E: OCTOBER 25, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
2	R	Corte Madera Creek	20320011	Diazinon This listing was made by USEF	A. Urban Runoff/Storm Sewers	4.1	Miles	2005
2	R	Coyote Creek (Marin County)	20320020	Diazinon This listing was made by USEF	^r A. Urban Runoff/Storm Sewers	2.6	Miles	2005
2	R	Coyote Creek (Santa Clara Co.)	20530021	Diazinon This listing was made by USEF	A. Urban Runoff/Storm Sewers	55	Miles	2005
2	L	Del Valle Reservoir	20430024	Mercury		1022	Acres	2019
				PCBs (Polychlorinated bipheny	Source Unknown Source Unknown	1022	Acres	2019
2	R	Gallinas Creek	20620013	Diazinon This listing was made by USEF	^P A. Urban Runoff/Storm Sewers	2.1	Miles	2005
2	R	Guadalupe Creek	20540050	Mercury TMDL will be developed as parassessment is needed.	rt of the Santa Clara Basin Watershed Managen Mine Tailings		Miles Addition	2006 nal monitoring and
2	L	Guadalupe Reservoir	20540040	Mercury TMDL will be developed as parassessment is needed.	rt of the Santa Clara Basin Watershed Managen Surface Mining Mine Tailings		Acres Addition	2006 nal monitoring and

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION TY	PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA' SIZE AFFE		PROPOSED TMDL COMPLETION
2 R		dupe River	20540050		BOCKELS	SIZE III I	CILD	COMILETION
				Diazinon		18	Miles	2005
				This listing was made by USE				
					Urban Runoff/Storm Sewers			
				Mercury			Miles	2006
				TMDL will be developed as pa assessment is needed.	art of the Santa Clara Basin Watershed Managem	ent Initiative.	Addition	nal monitoring and
					Mine Tailings			
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	rdrocarbons) (sediment)	46	Acres	2019
					Industrial Point Sources			
					Combined Sewer Overflow			
				Sediment Toxicity		46	Acres	2019
					Source Unknown			
2 L	Lafay	ette Reservoir	20732010	Mercury		114	Acres	2019

Source Unknown

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REGION TYI	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD
			PCBs (Polychlorinated bipher	nyls)	114 Acres	2019
				Source Unknown		
2 R	Lagunitas Creek	20113020				
			Nutrients		17 Miles	2019
			Tributary to Tomales Bay. Tomonitoring and assessment n	MDLs will be developed as part of evolving waters eeded.	shed management effort	t. Additional
				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 waters eeded.	shed management effort	t. Additional
				Agriculture		
				Urban Runoff/Storm Sewers		
2 L	Lake Chabot (Alameda Co)	20420030				
			Chlordane		312 Acres	2019
				Source Unknown		-0.40
			DDT		312 Acres	2019
				Source Unknown		
			Dieldrin	Source Chimiown	312 Acres	2019
			Diciarin		312 Acres	2017
				Source Unknown		
			Mercury		312 Acres	2019
				Source Unknown		
			PCBs (Polychlorinated bipher	nyls)	312 Acres	2019
				Source Unknown		
2 L	Lake Herman	20721030				
			Mercury		108 Acres	2019
			Additional monitoring and as	ssessment needed. Problem due to historical minir	ıg.	
				Surface Mining		

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							E. OCTOBER 23, 2000
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 USEF	PA.	299 Acres	2019
				pH This listing was made by USEF	Source Unknown	299 Acres	2019
2	L	Lake Merritt	20420040	Organic Enrichment/Low Disso This listing was made by USEF	• •	142 Acres	2019
				Trash	Source Unknown Urban Runoff/Storm Sewers	142 Acres	2019
2	R	Laurel Creek (Solano Co)	20440040	Diazinon This listing was made by USEF	PA. Urban Runoff/Storm Sewers	3 Miles	2005
2	R	Ledgewood Creek	20723010	Diazinon This listing was made by USEF	PA. Urban Runoff/Storm Sewers	12 Miles	2005
2	R	Los Gatos Creek (R2)	20540011	Diazinon This listing was made by USEF	PA. Urban Runoff/Storm Sewers	19 Miles	2005
2	E	Marina Lagoon (San Mateo County)	20440040	Coliform Bacteria	Urban Runoff/Storm Sewers Nonpoint Source	169 Acres	2019
2	R	Matadero Creek	20550040	Diazinon This listing was made by USEF	PA. Urban Runoff/Storm Sewers	7.3 Miles	2005

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Miller Creek	20620012			0.350	•••
				Diazinon	EDA	9 Miles	2005
				This listing was made by USA	Urban Runoff/Storm Sewers		
2	E	Mission Creek	20440010				
				Ammonia		8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Chlordane (sediment)		8.5 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Dieldrin (sediment)		8.5 Acres	2008
					Industrial Point Sources		
					Combined Sewer Overflow		
				Hydrogen Sulfide		8.5 Acres	2019
					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	(ydrocarbons)	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	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
REGION	1111	NAME	WATERSHED	Zinc (sediment)	SOURCES	8.5 Acres	2019
				, , , ,	Industrial Point Sources	6.5 Acres	2017
					Combined Sewer Overflow		
					Combined Sewer Overflow		
2	R	Mt. Diablo Creek	20731040				
				Diazinon This distinct was a large MEED.	4	13 Miles	2005
				This listing was made by USEP.	A. Urban Runoff/Storm Sewers		
					CIDAN KUNON/SKOTIN SEWEIS		
2	R	Napa River	20650010	Nytuionta		65 M21	2000
				Nutrients TMDL will be developed as par	rt of ongoing watershed management effort	65 Miles	2008
				needed.	t of ongoing watersnea management effort	лашиона топионну инс	і изэсэзтені
					Agriculture		
				Pathogens		65 Miles	2006
				TMDL will be developed as par needed.	rt of ongoing watershed management effort	t. Additional monitoring and	l assessment
					Agriculture		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		65 Miles	2006
				TMDL will be developed as par needed.	rt of ongoing watershed management effort	t. Additional monitoring and	d assessment
					Agriculture		
					Construction/Land Development		
					Land Development		
					Urban Runoff/Storm Sewers		
2	L	Nicasio Reservoir	20113012				
				Mercury		829 Acres	2019
					Source Unknown		
2	R	Novato Creek	20620010				
				Diazinon		17 Miles	2005
				This listing was made by USEP.			
					Urban Runoff/Storm Sewers		

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					S	WRCB APPROV.	AL DAT	E: OCTOBER 25, 2006
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
2	В	Oakland Inner Harbor (Fruitvale Site, part	20420040					
		of SF Bay, Central)		Chlordane		0.02	Acres	2008
				This listing was made by USA	EDA	0.93	Acres	2008
				This tisting was made by OSI	Nonpoint Source			
				Chlordane (sediment)		0.93	Acres	2008
					Source Unknown			
				DDT		0.93	Acres	2008
				This listing was made by USI	EPA.			
					Nonpoint Source			
				Dieldrin		0.93	Acres	2008
				This listing was made by USI	EPA.			
					Nonpoint Source			
				Dioxin Compounds (including	g 2,3,7,8-TCDD)	0.93	Acres	2019
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-PD, and OCDD. This listing was made by USE Atmospheric Deposition		8-HxCDI	D, 1,2,3,7,8,9-
				Exotic Species	remospheric Deposition	0.93	Acres	2019
				-	nge pollutant availability in food chain; disru			
				····, ····	Ballast Water		,	
				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-PeC,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,	CDF, 1,2,3,4,7,8-F	HxCDF, I	
					Atmospheric Deposition			
				Mercury		0.93	Acres	2006
				for multiple fish species inclu	nsumption and wildlife consumption impacted uding striped bass and shark. Major source is cant ongoing source is erosion and drainage f	historic: gold min	ing sedin	nents and local
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated biphen	yls)	0.93 Acres	2006
			This listing covers non dioxin- concentration data.	-like PCBs.Interim health advisory for fish; un	certainty regarding water	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-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	,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
			DCD- (D-la-blania -4-d binb	•	0.02 4	2007
			PCBs (Polychlorinated biphen	• / `	0.93 Acres	2006
			columnconcentration data.	-like PCBs. Interim health advisory for fish; u	ncertainty regaraing wate	er
				Source Unknown		
			Sediment Toxicity		0.93 Acres	2019
				Source Unknown		
			Selenium		0.93 Acres	2019
			exotic speciesmay have made	oil refineries (control program in place) and a food chain more susceptible to accumulation o ving ducks); low TMDL priority because Indivi Industrial Point Sources Agriculture Natural Sources Exotic Species	of selenium; health consum	nption advisory in
	kland Inner Harbor (Pacific Dry-dock rd 1 Site, part of SF Bay, Central)	20420040				
			Chlordane		1.8 Acres	2008
			This listing was made by USE	PPA.		
				Nonpoint Source		
			Chlordane (sediment)		1.8 Acres	2008
				Source Unknown		
			Copper (sediment)		1.8 Acres	2019
				Source Unknown		
			DDT		1.8 Acres	2008
			This listing was made by USE	PA.		
				Nonpoint Source		

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DECION TYPE	NAME	CALWATER	DOLL UT ANT/CTDECCOD	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	
			Dieldrin This listing was made by USE	°PA	1.8 Acres	2008
			This usting was made by OSE	Nonpoint Source		
			Dieldrin (sediment)	•	1.8 Acres	2008
			, ,	Source Unknown		
			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 D, and OCDD. This listing was mad		DD, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		1.8 Acres	2019
			Disrupt natural benthos; char	nge pollutant availability in food ch Ballast Water	ain; disrupt food availability to na	tive species.
			Furan Compounds		1.8 Acres	2019
			1 0 1	,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3 ,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,		
				Atmospheric Deposition		
			Lead (sediment)		1.8 Acres	2019
				Source Unknown		
			Mercury		1.8 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption ding striped bass and shark. Major cant ongoing source is erosion and d	source is historic: gold mining see	diments and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Mercury (sediment)		1.8 Acres	2006
				Source Unknown		
			PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	1.8 Acres	2019
				Source Unknown		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated biphen	yls)	1.8 Acres	2006
			This listing covers non dioxin concentration data.	-like PCBs.Interim health advisory for fish;	uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (dioxin-like)	1.8 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 1	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (7 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (18)), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	yls) (sediment)	1.8 Acres	2006
				Source Unknown		
			Selenium		1.8 Acres	2019
			contributions from oil refiner species may have made food o	the food chain; most sensitive indicator is h ies (control program in place) and agricultt hain more susceptible to accumulation of s lucks); low TMDL priority because Individu	ure (carried downstream by r relenium; health consumption	ivers); exotic
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
			Zinc (sediment)		1.8 Acres	2019
				Source Unknown		
2 C Pac	cific Ocean at Fitzgerald Marine Reserve	20221012				
	Ü		Coliform Bacteria		0.46 Miles	2019
				Nonpoint Source		
2 C Pac	cific Ocean at Pacifica State Beach	20221011				
2 C Tuc	and Octain at Lacinca State Beach	20221011	Coliform Bacteria		0.87 Miles	2019
			Linda Mar and San Pedro bed	aches are the areas affected.		
				Urban Runoff/Storm Sewers		
				Nonpoint Source		
2 C Pac	rific Ocean at Pillar Point	20221012				
_			Mercury		0.62 Miles	2019
			•			
				Source Unknown		

SAN FRANCISCO BAY REGIONAL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	С	Pacific Ocean at Pillar Point Beach	20221012	Coliform Bacteria		1.1 Miles	2019
					Nonpoint Source		
2	С	Pacific Ocean at Rockaway Beach	20221011	Coliform Bacteria	Urban Runoff/Storm Sewers Nonpoint Source	0.29 Miles	2019
					Troupoint Source		
2	С	Pacific Ocean at Venice Beach	20222011	Coliform Bacteria	Nonpoint Source	0.38 Miles	2019
2	R	Permanente Creek	20550021	Diazinon This listing was made by USE	EPA.	13 Miles	2005
					Urban Runoff/Storm Sewers		
2	R	Pescadero Creek	20240013				
-		1 escadero ereck	20240013	Sedimentation/Siltation		26 Miles	2019
				If California Department of I	Fish and Game and the National Marine Fisheri I, the State Water Board supports removing this Nonpoint Source	es Service find that for th	is water body fish
2	R	Petaluma River	20630020				
				Diazinon		22 Miles	2005
				Data source: Abelli-Amen, Po	etaluma Tree Planters, 1999. Urban Runoff/Storm Sewers		
					art of ongoing watershed management effort. A	22 Miles	2019 d assessment
				needed.	Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		

SAN FRANCISCO BAY REGIONAL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pathogens		22 Miles	2019
				TMDL will be developed as p needed.	part of ongoing watershed management effor	rt. Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		22 Miles	2019
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
2	R	Petaluma River (tidal portion)	20630040				
				Diazinon		1.1 Miles	2005
				Data source: Abelli-Amen, P			
					Urban Runoff/Storm Sewers		
				Nickel		1.1 Miles	2019
				Exceedance of California To. sediment tissue levels.	xic Rule dissolved criteria and National Tox	ic Rule total criteria; elevate	ed water and
					Municipal Point Sources		
					Urban Runoff/Storm Sewers		
					Atmospheric Deposition		
				Nutrients		1.1 Miles	2019
				TMDL will be developed as pneeded.	part of ongoing watershed management effor	rt. Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		1.1 Miles	2019
				TMDL will be developed as pneeded.	part of ongoing watershed management effor	rt. Additional monitoring an	d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Pine Creek (Contra Costa Co)	20731011	Diazinon This listing was made by USE	EPA. Urban Runoff/Storm Sewers	13 Miles	2005
					Urban Kunoli/Storm Sewers		
2	R	Pinole Creek	20660020	Diazinon This listing was made by USE	EPA. Urban Runoff/Storm Sewers	9.2 Miles	2005
2	R	Pomponio Creek	20240020				
		_		Coliform Bacteria		7.1 Miles	2019
					Nonpoint Source		
2	В	Richardson Bay	20312010				
		•		Chlordane		2439 Acres	2008
				This listing was made by USE			
					Nonpoint Source		
				Coliform Bacteria		2439 Acres	2019
					larbor, is less than 10% of embayment; sou eboat areas; extensive local control progra		
				improvements.	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			
				D	Unknown Nonpoint Source	• 400	2010
					. 2,3,7,8-TCDD) 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7 D, and OCDD. This listing was made by <i>V</i>		2019 DD, 1,2,3,7,8,9-
				, , ,,,,,,,, = ====================	Atmospheric Deposition		
				Exotic Species		2439 Acres	2019
				Disrupt natural benthos; char	nge pollutant availability in food chain; di	isrupt food availability to nat	ive species.

Ballast Water

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

EGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			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-Hp		
				Atmospheric Deposition		
			Mercury		2439 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption i ding striped bass and shark. Major s cant ongoing source is erosion and dr	ource is historic: gold mining sedi	ments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls)	2439 Acres	2006
			This listing covers non dioxin concentration data.	a-like PCBs. Interim health advisory j	for fish; uncertainty regarding wate	r column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	2439 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-1 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	3 (118), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
2 R Rod	eo Creek	20660022				
			Diazinon		8 Miles	2005
			This listing was made by USI	EPA.		
				Urban Runoff/Storm Sewers		
2 E Sacr	ramento San Joaquin Delta	20710010				
			Chlordane		41736 Acres	2008
			This listing was made by USI	EPA.		
				Nonpoint Source		
			DDT		41736 Acres	2008
			This listing was made by USI			
				Nonpoint Source		
			Dieldrin		41736 Acres	2008
			Dieldrin This listing was made by USI	EPA. Nonpoint Source	41736 Acres	2008

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SAN FRANCISCO BAY REGIONAL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Dioxin Compounds (including	2,3,7,8-TCDD)	41736 Acres	2019
				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		41736 Acres	2019
			•	ge pollutant availability in food cha Ballast Water		
			Furan Compounds		41736 Acres	2019
			1 0 1	.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 nining; most significant ongoing sout rom point sources.		
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Nonpoint Source		
			Nickel		41736 Acres	2019
			This listing was made by USE.	PA.		
				Source Unknown		
			PCBs (Polychlorinated bipheny	yls)	41736 Acres	2006
					C: -1	
			This listing covers non dioxin- concentration data.	-like PCBs.Interim health advisory fo	or fisn; uncertainty regaraing water	column
				like PCBs.Interim health advisory for Unknown Nonpoint Source	r Jisn; uncertainty regaraing water	column

(169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.

Unknown Nonpoint Source

SAN FRANCISCO BAY REGIONAL BOARD

REGION	TYPE	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATI SIZE AFFEC		POSED TMDL MPLETION
				Selenium		41736 A	cres	2019
				contributions from oil refiner species may have made food o	the food chain; most sensitive indicator is hatcl ies (control program in place) and agriculture (chain more susceptible to accumulation of selen ducks); low TMDL priority because Individual ((carried downstrea nium; health consu	am by rivers); o amption adviso	exotic ry in effect
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	R	San Antonio Creek (Marin/Sonoma Co)	20630031					
				Diazinon		18 M	I iles	2005
				This listing was made by USE				
					Urban Runoff/Storm Sewers			
2	R	San Felipe Creek	20530041					
				Diazinon		15 M	Ailes	2005
				This listing was made by USE				
					Urban Runoff/Storm Sewers			
2	В	San Francisco Bay, Central	20312010	CILL 2		#000±		2000
				Chlordane This listing was made by USE	PA	70992 A	acres	2008
				1 ms using was made by USE	Nonpoint Source			
				DDT	•	70992 A	cres	2008
				This listing was made by USE	'PA.		-	
				,	Nonpoint Source			
				Dieldrin		70992 A	cres	2008
				This listing was made by USE				
					Nonpoint Source			
				Dioxin Compounds (including		70992 A		2019
					2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-Hx D, and OCDD. This listing was made by USEP.		·HxCDD, 1,2,3	i,/,8,9-
				.	Atmospheric Deposition			****
				Exotic Species	and additional accordability of the transfer	70992 A		2019
				Disrupt natural benthos; chai	nge pollutant availability in food chain; disrupt Ballast Water	t jood availability i	to native speci	es.
					banast water			

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Furan Compounds		70992 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7, 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,-		
				Atmospheric Deposition		
			Mercury		70992 Acres	2006
			for multiple fish species incl	ensumption and wildlife consumption impuding striped bass and shark. Major sout icant ongoing source is erosion and drain	rce is historic: gold mining sedin	ents and local
				Industrial Point Sources		
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphe	nyls)	70992 Acres	2006
			This listing covers non dioxide concentration data.	n-like PCBs.Interim health advisory for fi	ish; uncertainty regarding water o	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-TCE 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (1 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB	(18), 2,3,4,4,5-PeCB (123), 2,3,3,	4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		70992 Acres	2019
			contributions from oil refine species may have made food	f the food chain; most sensitive indicator ries (control program in place) and agric chain more susceptible to accumulation ducks); low TMDL priority because Indiv Industrial Point Sources	culture (carried downstream by ri of selenium; health consumption o	vers); exotic
				Agriculture		
				Natural Sources		
				Exotic Species		
2 B San	Francisco Bay, Lower	20410010				
= 5	··· · · · · · · · · · · · · · · · · ·		Chlordane		92274 Acres	2008

This listing was made by USEPA.

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

					SWRCB APPROVAL DATI	E: OCTOBER 25, 2000
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			DDT		92274 Acres	2008
			This listing was made by USA	EPA.		
				Nonpoint Source		
			Dieldrin		92274 Acres	2008
			This listing was made by USA	EPA.		
				Nonpoint Source		
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	92274 Acres	2019
			1 0 1	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 U.		0, 1,2,3,7,8,9-
				Atmospheric Deposition		
			Exotic Species		92274 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; dis	rupt food availability to native	e species.
				Ballast Water		
			Furan Compounds		92274 Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-F 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF,		
				Atmospheric Deposition		
			Mercury		92274 Acres	2006
			for multiple fish species inclumercury mining; most signifi	nsumption and wildlife consumption impact uding striped bass and shark. Major source cant ongoing source is erosion and drainag eater quality objective exceedances. Elevate Industrial Point Sources	is historic: gold mining sedin e from abandoned mines; mod	nents and local lerate to low level
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphe	•	92274 Acres	2006
				n-like PCBs.Interim health advisory for fish;		
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphe	nyls) (dioxin-like)	92274 Acres	2019
			The specific dioxin like comp (169), 2,3,3,4,4-PeCB (105),	oounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (7 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 (167), 2,3,4,4,5,5-HpCB (167), 2,4,4,5,5-HpCB (167), 2,4,4,5-HpCB (167), 2,4,4,4,5-HpCB (167), 2,4,4,4,5,5-HpCB (167), 2,4,4,4,5,5-HpCB (167), 2,4,4,4,5,5-HpCB (167), 2,4,4,5,5-HpCB (167), 2,4,4,5,5-HpCB (167), 2,4,4,5,5-HpCB (167), 2,4,4,5,5-HpCB (167), 2,4,4,5,5-HpCB (167), 2,4,4,5,5-HpCB (167), 2,3,4,4,5-PeCB (123), 2,3,3,	,4,4,5-HxCB (156),

Unknown Nonpoint Source

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

						SWRCB APPROVAL DAT	E: OCTOBER 25, 2006	
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION	
2	В	San Francisco Bay, South	20510000					
				Chlordane		9204 Acres	2008	
				This listing was made by USE	EPA.			
					Nonpoint Source			
				DDT		9204 Acres	2008	
				This listing was made by USE				
					Nonpoint Source			
				Dieldrin		9204 Acres	2008	
				This listing was made by USE				
					Nonpoint Source		****	
				Dioxin Compounds (including		9204 Acres	2019	
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2, D, and OCDD. This listing was made		D, 1,2,3,7,8,9-	
				11x055, 1,2,5,1,6,1,6 11p05	Atmospheric Deposition	t by OBEIT.		
				Exotic Species	•	9204 Acres	2019	
				•	nge pollutant availability in food cha		ve species.	
				•	Ballast Water		•	
				Furan Compounds		9204 Acres	2019	
				1 3 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 inclu mercury 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 Industrial Point Sources	source is historic: gold mining sedin rainage from abandoned mines; mod	nents and local derate to low level	
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs (Polychlorinated bipher	-	9204 Acres	2006	
				•	-like PCBs.Interim health advisory fo			

concentration data.

SAN FRANCISCO BAY REGIONAL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipheny	ls) (dioxin-like)	9204 Acres	2019
				(169), 2,3,3,4,4-PeCB (105), 2,	ands are 3,4,4,5-TCB (81), 3,3,3,3-TCB (3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (116 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (Unknown Nonpoint Source	8), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Selenium	-	9204 Acres	2019
					een issued by OEHHA for benthic-feedin at water contact recreation beneficial use Agriculture		
					Domestic Use of Ground Water		
2	R	San Francisquito Creek	20550040	Diazinon This listing was made by USEP	² A. Urban Runoff/Storm Sewers	12 Miles	2005
				Sedimentation/Siltation	Orban Runoll/Storm Sewers	12 Miles	2008
				Impairment to steelhead habita	ıt.	12 Willes	2008
				4	Nonpoint Source		
2	R	San Gregorio Creek	20230014	Coliform Bacteria	Nonpoint Source	11 Miles	2019
				Sedimentation/Siltation	Nonpoint Source	11 Miles	2019
				Impairment to steelhead habita	tt. Nonpoint Source		2025
2	В	San Leandro Bay (part of SF Bay, Central)	20420040	Chlordane This listing was made by USEP		588 Acres	2008
				Di-Id-i-	Nonpoint Source	500 A	2000
				Dieldrin This listing was made by USEP	PA.	588 Acres	2008
					Nonpoint Source		
				Dioxin Compounds (including 2	2,3,7,8-TCDD)	588 Acres	2019
					Atmospheric Deposition		

SAN FRANCISCO BAY REGIONAL BOARD

					SWKCD AFFKUV	AL DAT	E: OCTOBER 25, 2006
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
			Exotic Species		588	Acres	2019
			Disrupt natural benthos; char	nge pollutant availability in food chain,	; disrupt food availabilit	y to nativ	e species.
				Ballast Water			
			Furan Compounds		588	Acres	2019
				,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3			
				Atmospheric Deposition			
			Lead (sediment)		588	Acres	2019
				Source Unknown			
			Mercury		588	Acres	2006
			for multiple fish species inclu	asumption and wildlife consumption im ding striped bass and shark. Major sot ant ongoing source is erosion and drai	urce is historic: gold mit	ıing sedir	nents 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 Hy	ydrocarbons) (sediment)	588	Acres	2019
				a			
				Source Unknown			****
			Pesticides (sediment)		588	Acres	2019
				Source Unknown			
			Zinc (sediment)		588	Acres	2019
				Source Unknown			

SAN FRANCISCO BAY REGIONAL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	San Leandro Creek, Lower	20420012	Diazinon This listing was made by USEI	PA. Urban Runoff/Storm Sewers	9.3 Miles	2005
2	R	San Lorenzo Creek	20420023	Diazinon This listing was made by USEI	PA. Urban Runoff/Storm Sewers	11 Miles	2005
2	R	San Mateo Creek	20440032	Diazinon This listing was made by USEI	PA. Urban Runoff/Storm Sewers	11 Miles	2005
2	В	San Pablo Bay	20610010	Chlordane This listing was made by USEI		68349 Acres	2008
				DDT This listing was made by USEI	Nonpoint Source PA. Nonpoint Source	68349 Acres	2008
				Dieldrin This listing was made by USEA	PA.	68349 Acres	2008
				1 0 1	Nonpoint Source 2,3,7,8-TCDD) 3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,0, and OCDD. This listing was made by Atmospheric Deposition		2019 D., 1,2,3,7,8,9-
				Exotic Species Disrupt natural benthos; change	ge pollutant availability in food chain; Ballast Water	68349 Acres disrupt food availability to nati	2019 ve species.
				1 0 1	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		

SAN FRANCISCO BAY REGIONAL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Mercury		68349 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption im ding striped bass and shark. Major soi cant ongoing source is erosion and drai	urce is historic: gold mining sedi	ments and local
				Municipal Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Nickel		68349 Acres	2019
			This listing was made by USE	ZPA.		
				Source Unknown		
			PCBs (Polychlorinated biphen	• /	68349 Acres	2006
			This listing covers non dioxin concentration data.	l-like PCBs.Interim health advisory for	fish; uncertainty regarding water	column
				Unknown Nonpoint Source		
			PCBs (Polychlorinated biphen	• • • • • • • • • • • • • • • • • • • •	68349 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), .	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TC 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (1,4,5,5,-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		68349 Acres	2019
			contributions from oil refiner species may have made food o	the food chain; most sensitive indicator ies (control program in place) and agri chain more susceptible to accumulation ducks); low TMDL priority because Ind Industrial Point Sources	iculture (carried downstream by rate of selenium; health consumption	rivers); exotic advisory in effect
				Agriculture		
				Agriculture Natural Sources		
				Exotic Species		
				Exour species		
2 R San	Pablo Creek	20660014	Diaging		0.0 349	2005
			Diazinon This listing was made by USE	$\mathcal{F}DA$	9.9 Miles	2005
			This listing was made by USE	Urban Runoff/Storm Sewers		

SAN FRANCISCO BAY REGIONAL BOARD

						SWKCD APPROVAL DAT	
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 bipheny	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 Nonpoint Source	2.4 Miles	2019
2	R	San Rafael Creek	20320012	Diazinon This listing was made by USEF	PA. Urban Runoff/Storm Sewers	3.6 Miles	2005
2	R	San Vicente Creek	20221012	Coliform Bacteria	Nonpoint Source	3.8 Miles	2019
2	R	Saratoga Creek	20550040	Diazinon This listing was made by USEF	^P A. Urban Runoff/Storm Sewers	18 Miles	2005

SAN FRANCISCO BAY REGIONAL BOARD

					, i	SWRCB APPROVAL DAT	E. GCTOBER 23, 2000
REGION	TYPE	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	yls)	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 effor	t. Additional monitoring and	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 effor	t. Additional monitoring and	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 effor	t. Additional monitoring and	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	yls)	49 Acres	2019
					Source Unknown		

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Stevens Creek	20550020			_	
				Diazinon		20 Miles	2005
				This listing was made by USE	PA. Urban Runoff/Storm Sewers		
				Toxicity	Orban Kunon/Storm Sewers	20 Miles	2019
				Toxicity		20 Willes	2019
					Source Unknown		
2	L	Stevens Creek Reservoir	20550031				
				Chlordane		85 Acres	2019
					G II I		
				Dieldrin	Source Unknown	95 A	2010
				Dieidrin		85 Acres	2019
					Source Unknown		
				Mercury		85 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated biphen	yls)	85 Acres	2019
					Source Unknown		
2	В	Suisun Bay	20710020				
				Chlordane		25335 Acres	2008
				This listing was made by USE			
				DD	Nonpoint Source		****
				DDT	DA.	25335 Acres	2008
				This listing was made by USE	Nonpoint Source		
				Dieldrin	ronpoint Source	25335 Acres	2008
				This listing was made by USE	PA.	2000 Heres	2000
				0	Nonpoint Source		
				Dioxin Compounds (including	2,3,7,8-TCDD)	25335 Acres	2019
					,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4, D, and OCDD. This listing was made by		D, 1,2,3,7,8,9-
					, and OCDD. This tisting was made by	~~~···	

Atmospheric Deposition

SAN FRANCISCO BAY REGIONAL BOARD

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTE	PROPOSED TMD COMPLETION
			Exotic Species		25335 Acre	0 01111 11111
			Disrupt natural benthos; char	nge pollutant availability in food ch	ain; disrupt food availability to n	ative species.
			-	Ballast Water		-
			Furan Compounds		25335 Acre	es 2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3 ,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1		
				Atmospheric Deposition		
			Mercury		25335 Acre	es 2006
			· ·	nsumption and wildlife consumption mining; most significant ongoing so from point sources.	*	
				Industrial Point Sources		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Nickel		25335 Acre	es 2019
			This listing was made by USE	EPA.		
				Source Unknown		
			PCBs (Polychlorinated biphen	nyls)	25335 Acre	es 2006
			This listing covers non-dioxin concentration data.	n-like PCBs. Interim health advisor	y for fish; uncertainty regarding w	vater column
				Unknown point source		
			PCBs (Polychlorinated biphen	nyls) (dioxin-like)	25335 Acre	es 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	CB (118), 2,3,4,4,5-PeCB (123), 2,	,3,3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		25335 Acre	es 2019
			contributions from oil refiner species may have made food o	the food chain; most sensitive indicies (control program in place) and a chain more susceptible to accumula ducks); low TMDL priority because Industrial Point Sources	agriculture (carried downstream l tion of selenium; health consumpt	by rivers); exotic tion advisory in effect

Natural Sources Exotic Species

SAN FRANCISCO BAY REGIONAL BOARD

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
2	T	Suisun Marsh Wetlands	20723000					
				Metals		66339	Acres	2019
				Additional monitoring and as	sessment needed. Agriculture			
					8			
					Urban Runoff/Storm Sewers			
				N T 4 * 4	Flow Regulation/Modification	((220		2010
				Nutrients Additional monitoring and as	sassment needed	66339	Acres	2019
				Additional monitoring and as	Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Organic Enrichment/Low Dis	9	66339	Acres	2019
				Additional monitoring and as		00339	110103	2017
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Salinity/TDS/Chlorides		66339	Acres	2019
				Additional monitoring and as	sessment needed.			
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
2	E	Suisun Slough	20723000					
				Diazinon		1124	Acres	2005
				This listing was made by USE				
					Urban Runoff/Storm Sewers			
2	В	Tomales Bay	20114033					
				Mercury			Acres	2010
				for multiple fish species inclu	nsumption and wildlife consumption impacted u ding striped bass and shark. Major source is h cant ongoing source is erosion and drainage fro	istoric: gold mi	ning sedi	ments and local
					Mine Tailings			
				Nutrients		8545	Acres	2019
					art of ongoing watershed management effort. To ged first. Additional monitoring and assessmen		s, Laguni	itas Creek and
					Agriculture			

SAN FRANCISCO BAY REGIONAL BOARD

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		8545 Acres	2008
					art of ongoing watershed management and first. Additional monitoring and a Agriculture		tas Creek and
					Upstream Impoundment		
2	R	Walker Creek	20112013				
-		vvaluer creek	20112010	Mercury		16 Miles	2006
				•	MDLs will be developed as part of evo eeded.	olving watershed management effor	t. Additional
					Surface Mining		
					Mine Tailings		
				Nutrients		16 Miles	2019
				Tributary to Tomales Bay. The monitoring and assessment ne	MDLs will be developed as part of eve eeded.	olving watershed management effor	t. Additional
				·	Agriculture		
				Sedimentation/Siltation		16 Miles	2009
				Tributary to Tomales Bay. The monitoring and assessment ne	MDLs will be developed as part of ever eeded.	olving watershed management effor	t. Additional
					Agriculture		
2	R	Walnut Creek	20731040				
				Diazinon		9 Miles	2005
				This listing was made by USE	PA.		
					Urban Runoff/Storm Sewers		
2	R	Wildcat Creek	20660013				
				Diazinon		12 Miles	2005
				This listing was made by USE	PA.		
					Urban Runoff/Storm Sewers		

SAN FRANCISCO BAY REGIONAL BOARD

SWRCB APPROVAL DATE: OCTOBER 25, 2006

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

ABBREVIATIONS REGIONAL WATER QUALITY CONTROL BOARDS WATER BODY TYPE 1 North Coast B = Bays and Harbors 2 San Francisco Bay C = Coastal Shorelines/Beaches **Central Coast** Estuaries Los Angeles L = Lakes/ReserviorsR = Rivers and Streams Central Valley Saline Lakes Lahontan Wetlands, Tidal Colorado River Basin Wetlands, Freshwater Santa Ana

CALWATER WATERSHED

San Diego

GROUP A PESTICIDES OR CHEM A

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

[&]quot;Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.