## SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

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	<b>Mercury</b> TMDL will be developed as parassessment is needed.	t of the Santa Clara Basin Watershed Manage Mine Tailings	<b>7.1 Miles</b> ement Initiative. Addition	<b>2006</b> 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	<b>Diazinon</b> 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

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DEGICN	(DX/DY)	NAME	CALWATER	DOLLA ME A ME GEORGEO	POTENTIAL	ESTIMAT	ED	PROPOSED TMDL
REGION	TYPE		WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFE	TED	COMPLETION
2	R	Arroyo Mocho	20430080	Diazinon	Urban Runoff/Storm Sewers	34 N	Miles	2005
2	L	Bon Tempe Reservoir	20113020	Mercury		120 A	Acres	2019
					Source Unknown			
2	R	Butano Creek	20240031	Sedimentation/Siltation Impairment to steelhead habite	<i>at.</i> Nonpoint Source	3.6 M	Miles	2019
2	R	Calabazas Creek	20640012	Diazinon  This listing was made by USEI	PA.	4.7 N	Miles	2005
					<b>Urban Runoff/Storm Sewers</b>			
2	L	Calero Reservoir	20540031	<b>Mercury</b> TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin Watershed Manaş Surface Mining Mine Tailings	<b>334</b> A gement Initiative. 1		<b>2006</b> nal monitoring and
2	Е	Carquinez Strait	20710020	Chlordane This listing was made by USEI	PA.  Nonpoint Source	5657 A		2008
				ועע		303/ A	ACI ES	2000
				Dieldrin  This listing was made by USEI	Nonpoint Source	5657 A	Acres	2008
					Nonpoint Source			

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### SAN FRANCISCO BAY REGIONAL BOARD

		CALWATER		POTENTIAL	T 303(d) LIST RELEASE DATE:  ESTIMATED	PROPOSED TMD
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
			Dioxin Compounds (including	2,3,7,8-TCDD)	5657 Acres	2019
				3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 , and OCDD. This listing was mad	2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCD de by USEPA.	D, 1,2,3,7,8,9-
				<b>Atmospheric Deposition</b>		
			<b>Exotic Species</b>		5657 Acres	2019
			Disrupt natural benthos; chan	ge pollutant availability in food ch	ain; disrupt food availability to nati	ve species.
				Ballast Water		
			Furan Compounds		5657 Acres	2019
					,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, pCDF, 1,2,3,4,7,8,9-HpCDF, and O	
			•	<b>Atmospheric Deposition</b>		
			Mercury		5657 Acres	2006
			· ·	nining; most significant ongoing so	impacted uses. Major source is hist urce is erosion and drainage from a	0
				<b>Industrial Point Sources</b>		
				<b>Municipal Point Sources</b>		
				Resource Extraction		
				<b>Atmospheric Deposition</b>		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipheny	vls)	5657 Acres	2006
			This listing covers non dioxin- concentration data.	like PCBs.Interim health advisory f	for fish; uncertainty regarding water	r column
				<b>Unknown Nonpoint Source</b>		
			PCBs (Polychlorinated bipheny	vls) (dioxin-like)	5657 Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 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	TCB (77), 3,3,4,4,5-PeCB (126), 3,3 CB (118), 2,3,4,4,5-PeCB (123), 2,3, cpCB (189). This listing was made b	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
			Selenium		5657 Acres	2019
			contributions from oil refinerions species may have made food c	es (control program in place) and a hain more susceptible to accumulat	ator is hatchability in nesting diving agriculture (carried downstream by a tion of selenium; health consumption Individual Control Strategy in place	rivers); exotic n advisory in effect
				<b>Industrial Point Sources</b>		

Agriculture

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DECICN	(DX/DF)	NAME	CALWATER	DOLL THE LATE CORDERS OF	POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION			WATERSHED	POLLUTANT/STRESSOR	SOURCES	SIZE AFFECTED	COMPLETION
2	E	Castro Cove, Richmond (San Pablo Basin)	20660014	Dieldrin (sediment)		71 Acres	2008
				Diciui iii (Scuillelit)	IIl	/1 Acres	2000
					Urban Runoff/Storm Sewers		
					Point Source		•00<
				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	В	Central Basin, San Francisco (part of SF Bay, Central)	20440010				
				Chlordane		40 Acres	2008
				This listing was made by USE	CPA.		
					Nonpoint Source		
				DDT		40 Acres	2008
				This listing was made by USE			
					Nonpoint Source		
				Dieldrin		40 Acres	2019
				This listing was made by USE			
				D': 1: G: 1 (1 1 "	Nonpoint Source	40. 4	4010
				Dioxin Compounds (including		40 Acres	<b>2019</b>
					2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCD, and OCDD. This listing was made by USEPA.  Atmospheric Deposition		JD, 1,2,3,7,8,9-
				Exotic Species	runospicite Deposition	40 Acres	2019
				_	nge pollutant availability in food chain; disrupt fo		
				z isi api natarat venittos, enar	Ballast Water	.oa aranaonny 10 mai	re species.
				Furan Compounds		40 Acres	2019
				The specific compounds are 2	,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-H	F, 1,2,3,4,7,8-HxCDF,	1,2,3,6,7,8-HxCDF,
				•	Atmographic Denosition		

**Atmospheric Deposition** 

## SAN FRANCISCO BAY REGIONAL BOARD

				SWRCB DRAFT :	303(d) LIST RELEASE DATE:	SEPTEMBER 15, 200
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		40 Acres	2006
			for multiple fish species incl	onsumption and wildlife consumption im, uding striped bass and shark. Major soi icant ongoing source is erosion and dra	urce is historic: gold mining sedi	ments and local
				<b>Industrial Point Sources</b>		
				<b>Minor Industrial Point Source</b>		
				<b>Municipal Point Sources</b>		
				Resource Extraction		
				<b>Atmospheric Deposition</b>		
				<b>Natural Sources</b>		
				Nonpoint Source		
			Mercury (sediment)		40 Acres	2006
				Urban Runoff/Storm Sewers		
				Point Source		
			PAHs (Polycyclic Aromatic H	Hydrocarbons) (sediment)	40 Acres	2019
				Urban Runoff/Storm Sewers		
				Point Source		
			PCBs (Polychlorinated biphe	enyls)	40 Acres	2006
			This listing covers non dioxiconcentration data.	n-like PCBs.Interim health advisory for	fish; uncertainty regarding water	column
				<b>Unknown Nonpoint Source</b>		
			PCBs (Polychlorinated biphe	enyls) (dioxin-like)	40 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	pounds are 3,4,4,5-TCB (81), 3,3,3,3-TC , 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpC. Unknown Nonpoint Source	118), 2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
			Selenium	0	40 Acres	2019
			Affected use is one branch of contributions from oil refine species may have made food	f the food chain; most sensitive indicatories (control program in place) and agrical chain more susceptible to accumulation ducks); low TMDL priority because Ind	r is hatchability in nesting diving iculture (carried downstream by 1 of selenium; health consumption	birds, significant ivers); exotic advisory in effect
				<b>Industrial Point Sources</b>		
				Agriculture		
				Natural Sources		

**Exotic Species** 

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATE SIZE AFFEC		
2	R	Corte Madera Creek	20320011	<b>Diazinon</b> This listing was made by USEF	A. Urban Runoff/Storm Sewers	4.1 M	iles 2005	;
2	R	Coyote Creek (Marin County)	20320020	Diazinon  This listing was made by USEF	<sup>r</sup> A. Urban Runoff/Storm Sewers	2.6 M	iles 2005	;
2	R	Coyote Creek (Santa Clara Co.)	20530021	<b>Diazinon</b> This listing was made by USEF	A. Urban Runoff/Storm Sewers	55 M	iles 2005	;
2	L	Del Valle Reservoir	20430024	Mercury	Source Unknown	1022 A	cres 2019	ı
				PCBs (Polychlorinated bipheny		1022 A	cres 2019	1
2	R	Gallinas Creek	20620013	Diazinon  This listing was made by USEF	<sup>P</sup> A. Urban Runoff/Storm Sewers	2.1 M	iles 2005	:
2	R	Guadalupe Creek	20540050	<b>Mercury</b> TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin Watershed Managen Mine Tailings	<b>8.1 M</b> nent Initiative. A		
2	L	Guadalupe Reservoir	20540040	<b>Mercury</b> TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin Watershed Managen Surface Mining Mine Tailings	<b>63 A</b> deent Initiative. Ad		

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Guadalupe River	20540050				
				Diazinon		18 Miles	2005
				This listing was made by USI	EPA. Urban Runoff/Storm Sewers		
				Mercury	Orban Kunon/Storm Sewers	18 Miles	2006
				·	oart of the Santa Clara Basin Watershed Mar		
					Mine Tailings		
2	E	Islais Creek	20440010				
				Ammonia		46 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				Chlordane (sediment)	Complica Sewer Overnow	46 Acres	2008
				canor dance (searment)		10 110105	
					<b>Industrial Point Sources</b>		
					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 H	(ydrocarbons) (sediment)	46 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				<b>Sediment Toxicity</b>		46 Acres	2019
					Source Unknown		
2	L	Lafayette Reservoir	20732010				
				Mercury		114 Acres	2019

Source Unknown

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				PCBs (Polychlorinated bipher	nyls)	114 Acres	2019
					Source Unknown		
2	R	Lagunitas Creek	20113020				
					MDLs will be developed as part of evolving water	17 Miles ershed management effort	<b>2019</b> . Additional
				monitoring and assessment n	Agriculture		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		17 Miles	2009
				Tributary to Tomales Bay. Tomonitoring and assessment no	MDLs will be developed as part of evolving wate eeded.	ershed management effort	. Additional
					Agriculture		
					Urban Runoff/Storm Sewers		
2	L	Lake Chabot (Alameda Co)	20420030	Chlordane		312 Acres	2019
				Cmordane		312 Acres	2019
					Source Unknown		
				DDT		312 Acres	2019
					Source Unknown		
				Dieldrin		312 Acres	2019
					Source Unknown		
				Mercury	Source Unknown	312 Acres	2019
				J			
					Source Unknown		
				PCBs (Polychlorinated bipher	nyls)	312 Acres	2019
					Source Unknown		
2	L	Lake Herman	20721030				
				Mercury  Additional monitoring and as	sessment needed. Problem due to historical mir	108 Acres	2019
				monnoring and as	sessment necucu. I robtem une to mistorical mil		

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REGION	ТҮРЕ		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
				<b>pH</b> This listing was made by USEF	Source Unknown  A.  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	<b>Diazinon</b> This listing was made by USEF	PA. Urban Runoff/Storm Sewers	12 Miles	2005
2	R	Los Gatos Creek (R2)	20540011	<b>Diazinon</b> 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	<b>Diazinon</b> 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	<b>.</b>		0.350	•••
				Diazinon  This disciplana are also be U.S.	ED4	9 Miles	2005
				This listing was made by US	Urban Runoff/Storm Sewers		
		M. 1 G 1	20440010				
2	E	Mission Creek	20440010	Ammonia		8.5 Acres	2019
				7 XIIIII OII II	Industrial Point Sources	0.0 /10/03	2019
					Combined Sewer Overflow		
				Chlordane (sediment)	Combined Sewer Gyernow	8.5 Acres	2008
				chiordane (seament)	Industrial Point Sources	0.0 /10/03	2000
					Combined Sewer Overflow		
				Dieldrin (sediment)	Combined Sewer Gyernow	8.5 Acres	2008
				Dictar in (Scanneile)	Industrial Point Sources	one ricres	2000
					Combined Sewer Overflow		
				Hydrogen Sulfide	combined Sevier Overriow	8.5 Acres	2019
				njurogen sumue	Industrial Point Sources	one ricres	2019
					Combined Sewer Overflow		
				Lead (sediment)	combined Sevier Overriow	8.5 Acres	2019
				Zeau (Seament)	Industrial Point Sources	010 110105	
					Combined Sewer Overflow		
				Mercury (sediment)	combined Sevier Overriow	8.5 Acres	2019
					Industrial Point Sources		
					Combined Sewer Overflow		
				PAHs (Polycyclic Aromatic H		8.5 Acres	2019
					Industrial Point Sources	2.2 2.22	
					Combined Sewer Overflow		
				PCBs (Polychlorinated bipher		8.5 Acres	2006
				, , , , , , , , , , , , , , , , , , ,	Industrial Point Sources		
					Combined Sewer Overflow		
				Silver (sediment)		8.5 Acres	2019
					Industrial Point Sources	2.2 -20.00	
					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
					<b>Industrial Point Sources</b>		
					<b>Combined Sewer Overflow</b>		
2	R	Mt. Diablo Creek	20731040				
				Diazinon		13 Miles	2005
				This listing was made by USEI	PA.		
					Urban Runoff/Storm Sewers		
2	R	Napa River	20650010				
				Nutrients		65 Miles	2008
				TMDL will be developed as pa needed.	rt of ongoing watershed management effo	ort. Additional monitoring an	d assessment
					Agriculture		
				Pathogens		65 Miles	2006
				TMDL will be developed as pa needed.	rt of ongoing watershed management effo	ort. Additional monitoring an	d assessment
					Agriculture		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		65 Miles	2006
				TMDL will be developed as paneeded.	rt of ongoing watershed management effo	ort. Additional monitoring an	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 USEI			
					Urban Runoff/Storm Sewers		

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					SWRCB DRAFT 303(d) LI	ST RELEASE	DATE:	<b>SEPTEMBER 15, 2006</b>
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
2	В	Oakland Inner Harbor (Fruitvale Site, part	20420040					
		of SF Bay, Central)		CLL		0.02	<b>A</b>	2000
				Chlordane	EDA	0.93	Acres	2008
				This listing was made by USI	Nonpoint Source			
				Chld(d4)	Nonpoint Source	0.02	<b>A</b>	2000
				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				
					Nonpoint Source			
				Dioxin Compounds (including			Acres	2019
					2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxC DD, and OCDD. This listing was made by USEPA Atmospheric Deposition		8-HxCDL	), 1,2,3,7,8,9-
				Exotic Species		0.93	Acres	2019
				•	nge pollutant availability in food chain; disrupt f			
				•	Ballast Water			•
				Furan Compounds		0.93	Acres	2019
					2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCD 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-H			
					Atmospheric Deposition			
				Mercury			Acres	2006
				for multiple fish species incli	nsumption and wildlife consumption impacted use uding striped bass and shark. Major source is his cant ongoing source is erosion and drainage fron	toric: gold min	ing sedin	ents and local
					<b>Industrial Point Sources</b>			
					<b>Municipal Point Sources</b>			
					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; u	ncertainty regarding water	column
				<b>Unknown Nonpoint Source</b>		
			PCBs (Polychlorinated biphen	yls) (dioxin-like)	0.93 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77) 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,4,5,5,-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),
			PCBs (Polychlorinated biphen	vls) (sediment)	0.93 Acres	2006
			•	-like PCBs. Interim health advisory for fish;		
				Source Unknown		
			<b>Sediment Toxicity</b>		0.93 Acres	2019
				Source Unknown		
			Selenium		0.93 Acres	2019
			exotic speciesmay have made	oil refineries (control program in place) and food chain more susceptible to accumulation ving ducks); low TMDL priority because Indi Industrial Point Sources Agriculture Natural Sources Exotic Species	of selenium; health consum	nption advisory in
	ıkland Inner Harbor (Pacific Dry-dock ırd 1 Site, part of SF Bay, Central)	20420040				
			Chlordane		1.8 Acres	2008
			This listing was made by USE	TPA.		
				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	EPA.		
				Nonpoint Source		
				1 tompoint bouree		

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### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Dieldrin		1.8 Acres	2008
			This listing was made by USE			
				Nonpoint Source		
			Dieldrin (sediment)		1.8 Acres	2008
				Source Unknown		
			Dioxin Compounds (including	• • • • • • • • • • • • • • • • • • • •	1.8 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4 DD, and OCDD. This listing was made by		D, 1,2,3,7,8,9-
				<b>Atmospheric Deposition</b>		
			<b>Exotic Species</b>		1.8 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain; Ballast Water	disrupt food availability to nativ	ve species.
			Furan Compounds		1.8 Acres	2019
				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,		
				<b>Atmospheric Deposition</b>		
			Lead (sediment)		1.8 Acres	2019
				Source Unknown		
			Mercury		1.8 Acres	2006
			for multiple fish species inclu	nsumption and wildlife consumption imp uding striped bass and shark. Major sou. cant ongoing source is erosion and drain	rce is historic: gold mining sedi	ments and local
				<b>Industrial Point Sources</b>		
				<b>Municipal Point Sources</b>		
				Resource Extraction		
				<b>Atmospheric Deposition</b>		
				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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SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			PCBs (Polychlorinated bipher	nyls)	1.8 Acres	2006
			This listing covers non dioxin concentration data.	l-like PCBs.Interim health advisory for fish; u	incertainty regarding water	column
				<b>Unknown Nonpoint Source</b>		
			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-TCB (77, 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 1,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189,	2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				<b>Unknown Nonpoint Source</b>		
			PCBs (Polychlorinated bipher	nyls) (sediment)	1.8 Acres	2006
				Source Unknown		
			Selenium		1.8 Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicator is ha ies (control program in place) and agricultur chain more susceptible to accumulation of sed lucks); low TMDL priority because Individua	re (carried downstream by r lenium; health consumption	ivers); exotic advisory in effect
				Industrial Point Sources		
				Agriculture		
				Natural Sources		
				Exotic Species		
			Zinc (sediment)		1.8 Acres	2019
				Source Unknown		
2 C P	acific Ocean at Fitzgerald Marine Reserve	20221012				
	_		Coliform Bacteria		<b>0.46</b> Miles	2019
				Nonpoint Source		
2 C P	acific Ocean at Pacifica State Beach	20221011				
2 0 1	acine Ocean at 1 acinea state beach	20221011	Coliform Bacteria		<b>0.87</b> Miles	2019
			Linda Mar and San Pedro be	aches are the areas affected.		
				Urban Runoff/Storm Sewers		
				Nonpoint Source		
2 C P	acific Ocean at Pillar Point	20221012				
			Mercury		<b>0.62</b> Miles	2019
				Source Unknown		

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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	C	Pacific Ocean at Rockaway Beach	20221011	Coliform Bacteria		0.29 Miles	2019
					Urban Runoff/Storm Sewers		
					Nonpoint Source		
2	C	Pacific Ocean at Venice Beach	20222011	a.w		0.20. 250	****
				Coliform Bacteria	N	0.38 Miles	2019
					Nonpoint Source		
2	R	Permanente Creek	20550021	Diazinon		13 Miles	2005
				This listing was made by USEP	?A.	13 Willes	2003
				,	<b>Urban Runoff/Storm Sewers</b>		
2	R	Pescadero Creek	20240013				
				Sedimentation/Siltation		26 Miles	2019
				Impairment to steelhead habita	Nonpoint Source		
2	R	Petaluma River	20630020		•		
2	K	Tetatuma Kivei	20030020	Diazinon		22 Miles	2005
				Data source: Abelli-Amen, Pete			
					Urban Runoff/Storm Sewers		
				Nutrients  TMDL will be developed as par  needed.	rt of ongoing watershed management effort.	22 Miles Additional monitoring and	2019 d assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
				Pathogens		22 Miles	2019
				TMDL will be developed as pai needed.	rt of ongoing watershed management effort.	Additional monitoring and	a assessment
					Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		

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REGION	ТҮРЕ	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				
				Diazinon	. J. T. N 1000	1.1 Miles	2005
				Data source: Abelli-Amen, Pet	Urban Runoff/Storm Sewers		
				Nickel	Orban Kunon/Storm Sewers	1.1 Miles	2019
				Exceedance of California Toxi	c Rule dissolved criteria and National Tox		
				sediment tissue levels.	Municipal Point Sources		
					Urban Runoff/Storm Sewers		
				N-4-*4-	<b>Atmospheric Deposition</b>	1.1 M2	2010
					ert of ongoing watershed management effor	1.1 Miles rt. Additional monitoring and	<b>2019</b> d assessment
				needed.	A amigulture		
					Agriculture		
					Construction/Land Development		
				D-4b	Urban Runoff/Storm Sewers	1.1 M2	2010
					rt of ongoing watershed management effor	1.1 Miles rt. Additional monitoring and	<b>2019</b> d assessment
				needed.	Agriculture		
					Construction/Land Development		
					Urban Runoff/Storm Sewers		
					Orban Kunon/Storm Sewers		
2	R	Pine Creek (Contra Costa Co)	20731011				
				Diazinon	0.4	13 Miles	2005
				This listing was made by USEI	Urban Runoff/Storm Sewers		
					Ordan Kundii/Swi iii Seweis		
2	R	Pinole Creek	20660020	Dt. t		0.2.359	2005
				Diazinon This listing was made by USE	DA.	9.2 Miles	2005
				This listing was made by USEI	Urban Runoff/Storm Sewers		

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SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

					SWRCB DRAFT 303(d) LI	SI KELEASE	DAIL:	SEFTENIDER 15, 2000
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
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 US.				
					Nonpoint Source			
				Coliform Bacteria		2439	Acres	2019
					Harbor, is less than 10% of embayment; source ho seboat areas; extensive local control program in p			
					<b>Urban Runoff/Storm Sewers</b>			
					Septage Disposal			
					<b>Boat Discharges/Vessel Wastes</b>			
				DDT	•	2439	Acres	2008
				This listing was made by US.	EPA.			
				,	Nonpoint Source			
				Dieldrin		2439	Acres	2008
				This listing was made by US.	EPA.			
					<b>Unknown Nonpoint Source</b>			
				Dioxin Compounds (including	g 2,3,7,8-TCDD)	2439	Acres	2019
				1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxOD, and OCDD. This listing was made by USEPA		,8-HxCDI	D, 1,2,3,7,8,9-
					Atmospheric Deposition			
				<b>Exotic Species</b>		2439	Acres	2019
				Disrupt natural benthos; cha	inge pollutant availability in food chain; disrupt f	ood availabili	ty to nativ	e species.
					Ballast Water			
				<b>Furan Compounds</b>		2439	Acres	2019
				1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCD, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,			

**Atmospheric Deposition** 

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### SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Mercury		2439 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 mining sedi	ments and local
				<b>Municipal Point Sources</b>		
				Resource Extraction		
				<b>Atmospheric Deposition</b>		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated bipher	nyls)	<b>2439</b> Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs. Interim health advisory for fish;	uncertainty regarding wate	er column
				<b>Unknown Nonpoint Source</b>		
			PCBs (Polychlorinated bipher	nyls) (dioxin-like)	<b>2439</b> Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77) 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189	2,3,4,4,5-PeCB (123), 2,3,3	3,4,4,5-HxCB (156),
				Unknown Nonpoint Source		
2 R Rod	leo Creek	20660022				
			Diazinon		8 Miles	2005
			This listing was made by USI			
				Urban Runoff/Storm Sewers		
2 E Sacr	ramento San Joaquin Delta	20710010	au .		44=0 < 4	••••
			Chlordane	EDA	41736 Acres	2008
			This listing was made by USI	Nonpoint Source		
			DDT	1 (Outpoint Source	41736 Acres	2008
			This listing was made by USI	EPA.	11700 fictor	2000
				Nonpoint Source		
			Dieldrin		41736 Acres	2008
			This listing was made by USI	EPA.		
				Nonpoint Source		
			Dioxin Compounds (including	g 2,3,7,8-TCDD)	41736 Acres	2019
			1 0 1	2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-ID, and OCDD. This listing was made by USE		D, 1,2,3,7,8,9-
				Atmospheric Deposition		

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(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** 

Exotic Species  Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.  Ballast Water  Furan Compounds  Furan Compounds  The specific compounds are 2,3,7,8-TCDF, 1,2,3,4,7,8-PeCDF, 2,3,4,7,8-HxCDF, 1,2,3,6, 7,8-HxCDF, 1,2,3,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2	REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
Ballast Water  Furan Compounds  Furan Compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,6,7,8-HxCDF, 1,2,3,4,6,1,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4				Exotic Species		41736 Acres	2019
Furan Compounds  The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,4,6,7,8-HyCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,4,7,8-HyCDF, 1,2,3,4,7,8-PCDF, 1,2,3,4,7,8-PCDF, 1,2,3,4,7,8-PCDF, 1,2,3,4,7,8-PCDF, 1,2,3,4,7,8-PCDF, 1,2,3,4,7,8-PCDF, 1,2,3,4,7,8,9-HyCDF, 1,2,3,4,4,1,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4				Disrupt natural benthos; cha	nge pollutant availability in food chair	n; disrupt food availability to nativ	ve species.
The specific compounds are 2,3,7,8-TCDF, 1,2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8,9-HxCDF, 1,2,3,4,6,7,8-HxCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.  Atmospheric Deposition  Mercury  Atmospheric Deposition  Mercury  Atmospheric Deposition  Mercury  Atmospheric Deposition  Mercury  Atmospheric Deposition  Mercury mining: most significant ongoing source is was a made wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining: most significant ongoing source is erosion and drainage from abandoned mines: moderate to low level inputs from point sources.  Industrial Point Sources  Municipal Point Sources  Resource Extraction  Atmospheric Deposition  Nonpoint Source  Nickel  Atmospheric Deposition  Nonpoint Source  PCBs (Polychlorinated biphenyls)  Atmospheric Deposition water column concentration data.  Unknown Nonpoint Source					Ballast Water		
HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.  Atmospheric Deposition  Mercury  Atmospheric Deposition  Mercury  Atmospheric Deposition and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.  Industrial Point Sources  Municipal Point Sources  Resource Extraction  Atmospheric Deposition  Nonpoint Source  Nickel  Atmospheric Deposition  Nonpoint Source  Nickel  This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls)  41736 Acres  2006  This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source				Furan Compounds		41736 Acres	2019
Mercury 41736 Acres 2006 Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.  Industrial Point Sources  Municipal Point Sources  Resource Extraction  Atmospheric Deposition Nonpoint Source  Nickel  Nickel  This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls)  This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source				HxCDF, 1,2,3,7,8,9-HxCDF,			
Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.  Industrial Point Sources  Municipal Point Sources  Resource Extraction  Atmospheric Deposition  Nonpoint Source  Nickel  This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls)  41736 Acres 2006  This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source					<b>Atmospheric Deposition</b>		
sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.  Industrial Point Sources  Municipal Point Sources  Resource Extraction  Atmospheric Deposition  Nonpoint Source  Nickel  This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls)  41736   Acres   2006  This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source				Mercury		41736 Acres	2006
Resource Extraction Atmospheric Deposition Nonpoint Source  Nickel 41736 Acres 2019 This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls) 41736 Acres 2006 This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source				sediments and local mercury	mining; most significant ongoing sour from point sources.		0
Atmospheric Deposition Nonpoint Source  Nickel 41736 Acres 2019 This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls) 41736 Acres 2006 This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source					<b>Municipal Point Sources</b>		
Nonpoint Source  Nickel This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls) This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source					Resource Extraction		
Nickel  This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls)  This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source					<b>Atmospheric Deposition</b>		
This listing was made by USEPA.  Source Unknown  PCBs (Polychlorinated biphenyls)  41736 Acres  2006  This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source					Nonpoint Source		
Source Unknown  PCBs (Polychlorinated biphenyls)  This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source				Nickel		41736 Acres	2019
PCBs (Polychlorinated biphenyls)  This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source				This listing was made by USE	EPA.		
This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.  Unknown Nonpoint Source					Source Unknown		
concentration data.  Unknown Nonpoint Source				PCBs (Polychlorinated bipher	nyls)	41736 Acres	2006
·				o contract of the contract of	a-like PCBs.Interim health advisory for	r fish; uncertainty regarding water	column
PCBs (Polychlorinated biphenyls) (dioxin-like) 41736 Acres 2019					<b>Unknown Nonpoint Source</b>		
				PCBs (Polychlorinated bipher	nyls) (dioxin-like)	41736 Acres	2019

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REGION	ТҮРЕ	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		41736 Acres	2019
				contributions from oil refiner species may have made food o	the food chain; most sensitive indicator is hatcies (control program in place) and agriculture chain more susceptible to accumulation of seleducks); low TMDL priority because Individual	(carried downstream by nium; health consumption	y rivers); exotic on advisory in effect
					<b>Industrial Point Sources</b>		
					Agriculture		
					Natural Sources		
					Exotic Species		
2	R	San Antonio Creek (Marin/Sonoma Co)	20630031				
				Diazinon		18 Miles	2005
				This listing was made by USE			
					Urban Runoff/Storm Sewers		
2	R	San Felipe Creek	20530041				
				Diazinon	7.	15 Miles	2005
				This listing was made by USE	EPA. Urban Runoff/Storm Sewers		
	_				O1 Dan Kunon/Storm Sewers		
2	В	San Francisco Bay, Central	20312010	Chloudou -		70003	2000
				Chlordane This listing was made by USE	PA	70992 Acres	2008
				11111 usung was made by OSE	Nonpoint Source		
				DDT	•	70992 Acres	2008
				This listing was made by USE	'PA.		
				•	Nonpoint Source		
				Dieldrin		70992 Acres	2008
				This listing was made by USE			
					Nonpoint Source		
				Dioxin Compounds (including		70992 Acres	
					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 USEF		DD, 1,2,3,7,8,9-
					Atmospheric Deposition		
				Exotic Species	and Harmer and Address of the Control of the Contro	70992 Acres	
				Disrupt natural benthos; chai	nge pollutant availability in food chain; disrup	t food availability to na	tive species.
					Ballast Water		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMD
			Furan Compounds		70992 Acres	2019
				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, 1,2,3,4		
				<b>Atmospheric Deposition</b>		
			Mercury		70992 Acres	2006
			for multiple fish species incl	nsumption and wildlife consumption impo uding striped bass and shark. Major sour cant ongoing source is erosion and drain	ce is historic: gold mining sedir	nents and local
				<b>Industrial Point Sources</b>		
				<b>Municipal Point Sources</b>		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			PCBs (Polychlorinated biphe	nyls)	70992 Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory for fi.	sh; uncertainty regarding water	column
				<b>Unknown Nonpoint Source</b>		
			PCBs (Polychlorinated biphe	nyls) (dioxin-like)	70992 Acres	2019
			(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (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),
				<b>Unknown Nonpoint Source</b>		
			Selenium		70992 Acres	2019
			contributions from oil refine species may have made food	the food chain; most sensitive indicator tries (control program in place) and agriculation more susceptible to accumulation aducks); low TMDL priority because Indiv Industrial Point Sources Agriculture Natural Sources Exotic Species	ulture (carried downstream by ru of selenium; health consumption	ivers); exotic
				Exoue openes		
2 B San	Francisco Bay, Lower	20410010				****
			Chlordane		92274 Acres	2008

This listing was made by USEPA.

Nonpoint Source

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### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

					505(u) LIST RELEASE DATE:	
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			DDT		92274 Acres	2008
			This listing was made by USI			
				Nonpoint Source		
			Dieldrin		92274 Acres	2008
			This listing was made by USI			
				Nonpoint Source		****
			Dioxin Compounds (including		92274 Acres	2019
				2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3, DD, and OCDD. This listing was made b		), 1,2,3,7,8,9-
				<b>Atmospheric Deposition</b>		
			Exotic Species		92274 Acres	2019
			Disrupt natural benthos; cha	nge pollutant availability in food chain	; disrupt food availability to native	e species.
				Ballast Water		
			Furan Compounds		92274 Acres	2019
			1 0 1	2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpC		
				Atmospheric Deposition		
			Mercury		92274 Acres	2006
			for multiple fish species inclumercury mining; most signifi	nsumption and wildlife consumption im uding striped bass and shark. Major sow cant ongoing source is erosion and dra vater quality objective exceedances. Ele	irce is historic: gold mining sedim inage from abandoned mines; mod	nents and local lerate to low level
				Industrial Point Sources		
				<b>Municipal Point Sources</b>		
				Resource Extraction		
				<b>Atmospheric Deposition</b>		
				Natural Sources		
				Nonpoint Source		
			Nickel	-	92274 Acres	2019
			This listing was made by USI	EPA.		
				Source Unknown		
			PCBs (Polychlorinated bipher	nyls)	92274 Acres	2006
			This listing covers non dioxin concentration data.	n-like PCBs.Interim health advisory for	fish; uncertainty regarding water	column

**Unknown Nonpoint Source** 

### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMAT SIZE AFFE		PROPOSED TMD: COMPLETION
			PCBs (Polychlorinated bipheny	yls) (dioxin-like)	92274	Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2	unds are 3,4,4,5-TCB (81), 3,3,3,3-T ,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp0 Unknown Nonpoint Source	3 (118), 2,3,4,4,5-PeCB (12.	3), 2,3,3,	4,4,5-HxCB (156),
2 B San	Francisco Bay, South	20510000					
			Chlordane		9204	Acres	2008
			This listing was made by USEI	PA.			
				Nonpoint Source			
			DDT		9204	Acres	2008
			This listing was made by USEI	PA.			
			Ç ,	Nonpoint Source			
			Dieldrin		9204	Acres	2008
			This listing was made by USEI	PA.			
			Ç ,	Nonpoint Source			
			Dioxin Compounds (including 2	2.3.7.8-TCDD)	9204	Acres	2019
			The specific compounds are 2,	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,0, and OCDD. This listing was made		3-HxCDL	), 1,2,3,7,8,9-
			· ·	Atmospheric Deposition			
			<b>Exotic Species</b>		9204	Acres	2019
			Disrupt natural benthos; chan	ge pollutant availability in food chai	n; disrupt food availability	to nativ	e species.
				Ballast Water			
			Furan Compounds		9204	Acres	2019
			The specific compounds are 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 includ mercury mining; most significa	sumption and wildlife consumption in ling striped bass and shark. Major st ant ongoing source is erosion and dr er quality objective exceedances. Ele Industrial Point Sources	ource is historic: gold mini ainage from abandoned mi	ing sedim ines; mod	ents and local lerate to low level
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			

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### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION 1	ГҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (Polychlorinated bipheny	vls)	9204 Acres	2006
				This listing covers non dioxin-liconcentration data.	like PCBs.Interim health advisory for fish; u.	ncertainty regarding water	column
					Unknown Nonpoint Source		
				PCBs (Polychlorinated bipheny		9204 Acres	2019
				(169), 2,3,3,4,4-PeCB (105), 2,	unds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77) ,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189	2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
					Unknown Nonpoint Source		
				Selenium		9204 Acres	2019
					een issued by OEHHA for benthic-feeding dat at water contact recreation beneficial use (R		•
					Agriculture		
					<b>Domestic Use of Ground Water</b>		
2	R	San Francisquito Creek	20550040				
		•		Diazinon		12 Miles	2005
				This listing was made by USEF	PA.		
					Urban Runoff/Storm Sewers		
				Sedimentation/Siltation		12 Miles	2008
				Impairment to steelhead habita			
					Nonpoint Source		
2	R	San Gregorio Creek	20230014				
				Coliform Bacteria		11 Miles	2019
					Nonpoint Source		
				Sedimentation/Siltation		11 Miles	2019
				Impairment to steelhead habita	ıt.		
					Nonpoint Source		
2	В	San Leandro Bay (part of SF Bay, Central)	20420040				
				Chlordane		588 Acres	2008
				This listing was made by USEF			
					Nonpoint Source		
				Dieldrin		588 Acres	2008
				This listing was made by USEF			
					Nonpoint Source		

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### SAN FRANCISCO BAY REGIONAL BOARD

### SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA' SIZE AFFE		PROPOSED TMI COMPLETION
			Dioxin Compounds (including	(2,3,7,8-TCDD)	588	Acres	2019
				Atmospheric Deposition			
			<b>Exotic Species</b>		588	Acres	2019
			Disrupt natural benthos; char	nge pollutant availability in food chai	in; disrupt food availability	y to nativ	e species.
				Ballast Water			
			Furan Compounds		588	Acres	2019
				2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,6,4,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,			
				<b>Atmospheric Deposition</b>			
			Lead (sediment)		588	Acres	2019
				Source Unknown			
			Mercury		588	Acres	2006
			inputs from point sources.	cant ongoing source is erosion and dra Industrial Point Sources	•		
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Mercury (sediment)	-	588	Acres	2006
				Source Unknown			
			PAHs (Polycyclic Aromatic H	ydrocarbons) (sediment)	588	Acres	2019
				Source Unknown			
			Pesticides (sediment)		588	Acres	2019
				Source Unknown			
			Zinc (sediment)		588	Acres	2019
				Source Unknown			

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### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

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

## SAN FRANCISCO BAY REGIONAL BOARD

### SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		68349 Acres	2006
			for multiple fish species incli	nsumption and wildlife consumption im, ding striped bass and shark. Major sot cant ongoing source is erosion and drai	urce is historic: gold mining sedin	ments and local
			1 7 1	<b>Municipal Point Sources</b>		
				Resource Extraction		
				Atmospheric Deposition		
				Natural Sources		
				Nonpoint Source		
			Nickel		68349 Acres	2019
			This listing was made by USI	EPA.		
				Source Unknown		
			PCBs (Polychlorinated bipher	yls)	68349 Acres	2006
			This listing covers non dioxin concentration data.	-like PCBs.Interim health advisory for	fish; uncertainty regarding water	column
				<b>Unknown Nonpoint Source</b>		
			PCBs (Polychlorinated bipher	yls) (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-TC 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB ( 4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpC.	(118), 2,3,4,4,5-PeCB (123), 2,3,3	,4,4,5-HxCB (156),
				<b>Unknown Nonpoint Source</b>		
			Selenium		68349 Acres	2019
			contributions from oil refiner species may have made food	the food chain; most sensitive indicator ies (control program in place) and agri chain more susceptible to accumulation lucks); low TMDL priority because Ind Industrial Point Sources	iculture (carried downstream by r a of selenium; health consumption	ivers); exotic
				Agriculture		
				Natural Sources		
				Exotic Species		
2 R San	Pablo Creek	20660014		•		
2 K Saii	I and Citta	20000014	Diazinon		9.9 Miles	2005
			This listing was made by USI	EPA.		
			, ,	Urban Runoff/Storm Sewers		

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## SAN FRANCISCO BAY REGIONAL BOARD

### SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

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	<b>Diazinon</b> This listing was made by USEI	<sup>P</sup> A. Urban Runoff/Storm Sewers	18 Miles	2005

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### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

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	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		
					<b>Urban Runoff/Storm Sewers</b>		
				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		
					<b>Urban Runoff/Storm Sewers</b>		
				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	nyls)	49 Acres	2019

Source Unknown

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## SAN FRANCISCO BAY REGIONAL BOARD

### SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 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			
					Urban Runoff/Storm Sewers		
				Toxicity		20 Miles	2019
					Source Unknown		
2	L	Stevens Creek Reservoir	20550031				
				Chlordane		85 Acres	2019
					Source Unknown		
				Dieldrin		85 Acres	2019
					Source Unknown		
				Mercury		85 Acres	2019
					Source Unknown		
				PCBs (Polychlorinated bipher		85 Acres	2019
				r CDs (r oryclinor mateu bipner	yis)	os Acies	2019
					Source Unknown		
2	В	Suisun Bay	20710020				
				Chlordane		25335 Acres	2008
				This listing was made by USE	PA.		
					Nonpoint Source		
				DDT		<b>25335 Acres</b>	2008
				This listing was made by USE			
					Nonpoint Source		
				Dieldrin		25335 Acres	2008
				This listing was made by USE			
					Nonpoint Source		
				Dioxin Compounds (including		25335 Acres	2019
					,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		DD, 1,2,3,7,8,9-
					Atmospheric Deposition		

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### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFE		PROPOSED TMI COMPLETION
			Exotic Species		25335	Acres	2019
			Disrupt natural benthos; chang	ge pollutant availability in food cha	in; disrupt food availabilit	y to native	e species.
				Ballast Water			
			Furan Compounds		25335	Acres	2019
				3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3, 8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2			
				<b>Atmospheric Deposition</b>			
			Mercury		25335	Acres	2006
				sumption and wildlife consumption nining; most significant ongoing sou com point sources.  Industrial Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Nickel	-	25335	Acres	2019
			This listing was made by USEI	PA.			
				Source Unknown			
			PCBs (Polychlorinated bipheny	vls)	25335	Acres	2006
			This listing covers non-dioxin-concentration data.	like PCBs. Interim health advisory	for fish; uncertainty regard	ling wate	r column
				Unknown point source			
			PCBs (Polychlorinated bipheny	yls) (dioxin-like)	25335	Acres	2019
			(169), 2,3,3,4,4-PeCB (105), 2,	unds are 3,4,4,5-TCB (81), 3,3,3,3,3,4,4,5-PeCB (114), 2,3,4,4,5-PeC. 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,	,4,4,5-HxCB (156),
			Selenium	_	25335	Acres	2019
			contributions from oil refinerie species may have made food cl	he food chain; most sensitive indica es (control program in place) and a hain more susceptible to accumulat ucks); low TMDL priority because I Industrial Point Sources	griculture (carried downstrion of selenium; health con.	eam by ri sumption	ivers); exotic
				Natural Sources			

**Exotic Species** 

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### SAN FRANCISCO BAY REGIONAL BOARD

### SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMA SIZE AFFI		PROPOSED TMDL COMPLETION
2	Т	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	sessment needed.  Agriculture			
					Urban Runoff/Storm Sewers Flow Population/Modification			
				Organia Engishment/I e Di-	Flow Regulation/Modification	66339	Aores	2019
				Organic Enrichment/Low Dis  Additional monitoring and as	• •	00339	Acres	2019
				Additional monitoring and as	Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Salinity/TDS/Chlorides		66339	Acres	2019
				Additional monitoring and as	sessment needed.	0000	110105	2022
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
2	E	Suisun Slough	20723000					
				Diazinon		1124	Acres	2005
				This listing was made by USI				
					Urban Runoff/Storm Sewers			
2	В	Tomales Bay	20114033					
				Mercury		8545	Acres	2010
				for multiple fish species inclu	nsumption and wildlife consumption impacted use ding striped bass and shark. Major source is hist cant ongoing source is erosion and drainage fron	toric: gold mi	ning sedi	ments and local
					Mine Tailings			
				Nutrients		8545	Acres	2019
				1 1	art of ongoing watershed management effort. Tra ged first. Additional monitoring and assessment t	•	s, Lagun	itas Creek and
					Agriculture			

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## SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		8545 Acres	2008
					art of ongoing watershed manageme ted first. Additional monitoring and Agriculture		itas Creek and
					Upstream Impoundment		
2	D	W. B C I	20112012		· · · · · · · · · · · · · · · · · · ·		
2	R	Walker Creek	20112013	Mercury		16 Miles	2006
				•	MDLs will be developed as part of ev		
					Surface Mining		
					Mine Tailings		
				Nutrients	-	16 Miles	2019
				Tributary to Tomales Bay. TM monitoring and assessment ne	MDLs will be developed as part of eveled.	volving watershed management effor	t. Additional
				O	Agriculture		
				Sedimentation/Siltation		16 Miles	2009
				Tributary to Tomales Bay. The monitoring and assessment ne	MDLs will be developed as part of eveled.	volving watershed management effor	rt. Additional
					Agriculture		
2	R	Walnut Creek	20731040				
				Diazinon		9 Miles	2005
				This listing was made by USE			
					Urban Runoff/Storm Sewers		
2	R	Wildcat Creek	20660013				
				Diazinon		12 Miles	2005
				This listing was made by USE			
					Urban Runoff/Storm Sewers		

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### SAN FRANCISCO BAY REGIONAL BOARD

SWRCB DRAFT 303(d) LIST RELEASE DATE: SEPTEMBER 15, 2006

		CALWATER		POTENTIAL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR	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/Reserviors 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

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<sup>&</sup>quot;Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.