Approved by USEPA: July 2003

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Alameda Creek	20430051	<b>Diazinon</b> This listing was made by USEPA	Urban Runoff/Storm Sewers	High	51 Miles	2004
2	R	Alamitos Creek	20540041	<b>Mercury</b> TMDL will be developed as part assessment is needed.	of the Santa Clara Basin Watershe Mine Tailings	<b>Medium</b> d Management 1	<b>7.1 Miles</b> Initiative. Additional m	onitoring and
2	R	Arroyo Corte Madera Del Presidio	20320020	<b>Diazinon</b> This listing was made by USEPA		High	4 Miles	2004
2	R	Arroyo De La Laguna	20430084	<b>Diazinon</b> This listing was made by USEPA	Urban Runoff/Storm Sewers	High	7.4 Miles	2004
2	R	Arroyo Del Valle	20430023	<b>Diazinon</b> This listing was made by USEPA	Urban Runoff/Storm Sewers	High	31 Miles	2004
2	R	Arroyo Las Positas	20430080	Diazinon	Urban Runoff/Storm Sewers	High	14 Miles	2004
2	R	Arroyo Mocho	20430080	Diazinon	Urban Runoff/Storm Sewers	High	34 Miles	2004
2	R	Butano Creek	20240031	Sedimentation/Siltation Impairment to steelhead habitat.	Nonpoint Source	Medium	3.6 Miles	
2	R	Calabazas Creek	20640012	<b>Diazinon</b> This listing was made by USEPA	Urban Runoff/Storm Sewers	High	4.7 Miles	2004

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
2	L	Calero Reservoir	20540031					
				Mercury		Medium	334 Acres	
				TMDL will be developed as pa assessment is needed.	rt of the Santa Clara Basin W	atershed Management I	nitiative. Additional m	onitoring and
					Surface Mining			
					Mine Tailings			
2	Е	Carquinez Strait	20710020					
				Chlordane		Low	5657 Acres	
				This listing was made by USEF	PA.			
					Nonpoint Source			
				DDT		Low	5657 Acres	
					Nonpoint Source			
				Diazinon		Low	5657 Acres	
				Diazinon levels cause water co application in late winter and f summer. Chlorpyrifos may als	oulse from residential land us	e areas linked to homeo	wner pesticide use in la	
					Nonpoint Source			
				Dieldrin		Low	5657 Acres	
				This listing was made by USEF				
					Nonpoint Source			
				Dioxin Compounds		Low	5657 Acres	
				<i>The specific compounds are 2,.</i> <i>HxCDD, 1,2,3,4,6,7,8-HpCDD</i>			1,2,3,6,7,8-HxCDD, 1,2	2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		Medium	5657 Acres	
				Disrupt natural benthos; chang		od chain; disrupt food av	vailability to native spe	cies.
					Ballast Water			
				Furan Compounds		Low	5657 Acres	
				<i>The specific compounds are 2,.</i> <i>1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8</i> <i>USEPA</i> .				
					<b>Atmospheric Deposition</b>			

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<b>REGION TYPE</b>	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		High	5657 Acres	2003
			6	umption and wildlife consumption ining; most significant ongoing so om point sources.	1	5	0 0
				<b>Industrial Point Sources</b>			
				Municipal Point Sources			
				Resource Extraction Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			PCBs		High	5657 Acres	2004
			This listing covers non dioxin-le concentration data.	ike PCBs.Interim health advisory j	for fish; uncertain	ty regarding water colu.	mn
				Unknown Nonpoint Source	_		
			PCBs (dioxin-like)		Low	5657 Acres	
			2,3,3,4,4-PeCB (105), 2,3,4,4,5	unds are 3,4,4,5-TCB (81), 3,3,3,3- i-PeCB (114), 2,3,4,4,5-PeCB (118 i,5,5,-HxCB (167), 2,3,3,4,4,5,5-H	8), 2,3,4,4,5-PeCB	(123), 2,3,3,4,4,5-HxCl	B (156),
				<b>Unknown Nonpoint Source</b>			
			Selenium		Low	5657 Acres	
			contributions from oil refinerie may have made food chain mor	ee food chain; most sensitive indica s (control program in place) and a ee susceptible to accumulation of s TMDL priority because Individual	griculture (carrie elenium; health co	d downstream by rivers	); exotic species
				<b>Industrial Point Sources</b>			
				Agriculture			
2 E Cast	ro Cove, Richmond (San Pablo Basin)	20660014	Dieldrin (sediment)		Low	71 Acres	
				Urban Runoff/Storm Sewers Point Source			
			Mercury (sediment)		Low	71 Acres	
				Urban Runoff/Storm Sewers Point Source			
			PAHs (sediment)		Low	71 Acres	
				Urban Runoff/Storm Sewers Point Source			
			Selenium (sediment)		Low	71 Acres	
				Urban Runoff/Storm Sewers Point Source			

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SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

REGION	TYPE	2 NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
2	В	Central Basin, San Francisco (part of SF Bay, Central)	20440010					
		•		Chlordane		Low	40 Acres	
				This listing was made by USEF	РА.			
					Nonpoint Source			
				DDT		Low	40 Acres	
				This listing was made by USEF	РА.			
				Nonpoint Source				
				Diazinon		Low	40 Acres	
				application in late winter and p	lumn toxicity. Two patterns: pulse pulse from residential land use are o be the cause of toxicity; more da	eas linked to homed	wner pesticide use in la	
					Nonpoint Source			
				Dieldrin		Low	40 Acres	
				This listing was made by USEF	РА.			
				Nonpoint Source				
				Dioxin Compounds		Low	40 Acres	
					3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 , and OCDD. This listing was ma		1,2,3,6,7,8-HxCDD, 1,2	2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		Medium	40 Acres	
				Disrupt natural benthos; chang	ge pollutant availability in food ch	ain; disrupt food a	wailability to native spe	cies.
					Ballast Water			
				Furan Compounds		Low	40 Acres	
					3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3 P-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,			
					Atmospheric Deposition			
				Mercury		High	40 Acres	2003
				multiple fish species including	umption and wildlife consumption striped bass and shark. Major sou ng source is erosion and drainage	urce is historic: go	old mining sediments an	d local mercury
					<b>Industrial Point Sources</b>			
					Minor Industrial Point Source	ce		
					<b>Municipal Point Sources</b>			
					<b>Resource Extraction</b>			
					<b>Atmospheric Deposition</b>			
					Natural Sources			
					N C			

Nonpoint Source

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### 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENT

EGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TME COMPLETION
			Mercury (sediment)		Low	40 Acres	
				Urban Runoff/Storm Sewers			
				Point Source			
			PAHs (sediment)		Low	40 Acres	
				Urban Runoff/Storm Sewers			
				Point Source			
			PCBs		High	40 Acres	2004
			This listing covers non dioxin-l concentration data.	ike PCBs.Interim health advisory	for fish; uncertaint	ty regarding water colu	mn
				Unknown Nonpoint Source	_		
			PCBs (dioxin-like)		Low	40 Acres	
			2,3,3,4,4-PeCB (105), 2,3,4,4,5	unds are 3,4,4,5-TCB (81), 3,3,3,3 -PeCB (114), 2,3,4,4,5-PeCB (116 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-H	8), 2,3,4,4,5-PeCB	(123), 2,3,3,4,4,5-HxC	B (156),
				<b>Unknown Nonpoint Source</b>			
			contributions from oil refinerie	e food chain; most sensitive indic s (control program in place) and	agriculture (carried	d downstream by rivers	; exotic species
			Affected use is one branch of th contributions from oil refinerie may have made food chain mor	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources	ator is hatchability Igriculture (carried elenium; health co	v in nesting diving birds d downstream by rivers nsumption advisory in	; exotic species
			Affected use is one branch of th contributions from oil refinerie may have made food chain mor	s (control program in place) and a re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture	ator is hatchability Igriculture (carried elenium; health co	v in nesting diving birds d downstream by rivers nsumption advisory in	; exotic species
2 R Co	orte Madera Creek	20320011	Affected use is one branch of th contributions from oil refinerie may have made food chain mor and scoter (diving ducks); low	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources	ator is hatchability agriculture (carried elenium; health co l Control Strategy	<ul> <li>in nesting diving birds d downstream by rivers insumption advisory in in place.</li> </ul>	); exotic species effect for scaup
2 R Co	orte Madera Creek	20320011	Affected use is one branch of th contributions from oil refinerie may have made food chain mor and scoter (diving ducks); low Diazinon	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species	ator is hatchability Igriculture (carried elenium; health co	v in nesting diving birds d downstream by rivers nsumption advisory in	; exotic species
2 R Co	orte Madera Creek	20320011	Affected use is one branch of th contributions from oil refinerie may have made food chain mor and scoter (diving ducks); low	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species	ator is hatchability agriculture (carried elenium; health co l Control Strategy	<ul> <li>in nesting diving birds d downstream by rivers insumption advisory in in place.</li> </ul>	); exotic species effect for scaup
			Affected use is one branch of th contributions from oil refinerie may have made food chain mor and scoter (diving ducks); low Diazinon	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species	ator is hatchability agriculture (carried elenium; health co l Control Strategy	<ul> <li>in nesting diving birds d downstream by rivers insumption advisory in in place.</li> </ul>	); exotic species effect for scaup
	orte Madera Creek oyote Creek (Marin County)	20320011 20320020	Affected use is one branch of th contributions from oil refinerie may have made food chain mon and scoter (diving ducks); low <b>Diazinon</b> This listing was made by USEF	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species	ator is hatchability agriculture (carried elenium; health co Control Strategy High	p in nesting diving birds d downstream by rivers nsumption advisory in in place. <b>4.1 Miles</b>	y; exotic species effect for scaup 2004
			Affected use is one branch of th contributions from oil refinerie may have made food chain mon and scoter (diving ducks); low <b>Diazinon</b> This listing was made by USEF <b>Diazinon</b>	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species	ator is hatchability agriculture (carried elenium; health co l Control Strategy	<ul> <li>in nesting diving birds d downstream by rivers insumption advisory in in place.</li> </ul>	); exotic species effect for scaup
			Affected use is one branch of th contributions from oil refinerie may have made food chain mon and scoter (diving ducks); low <b>Diazinon</b> This listing was made by USEF	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species A. Urban Runoff/Storm Sewers	ator is hatchability agriculture (carried elenium; health co Control Strategy High	p in nesting diving birds d downstream by rivers nsumption advisory in in place. <b>4.1 Miles</b>	y; exotic species effect for scaup 2004
2 R Co	oyote Creek (Marin County)	20320020	Affected use is one branch of th contributions from oil refinerie may have made food chain mon and scoter (diving ducks); low <b>Diazinon</b> This listing was made by USEF <b>Diazinon</b>	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species	ator is hatchability agriculture (carried elenium; health co Control Strategy High	p in nesting diving birds d downstream by rivers nsumption advisory in in place. <b>4.1 Miles</b>	y; exotic species effect for scaup 2004
2 R Co			Affected use is one branch of th contributions from oil refinerie may have made food chain mon and scoter (diving ducks); low Diazinon This listing was made by USEF Diazinon This listing was made by USEF	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species A. Urban Runoff/Storm Sewers	ator is hatchability agriculture (carried elenium; health co Control Strategy High	<ul> <li>in nesting diving birds d downstream by rivers nsumption advisory in in place.</li> <li>4.1 Miles</li> <li>2.6 Miles</li> </ul>	y; exotic species effect for scaup 2004 2004
2 R Co	oyote Creek (Marin County)	20320020	Affected use is one branch of th contributions from oil refinerie may have made food chain mon and scoter (diving ducks); low <b>Diazinon</b> This listing was made by USEF <b>Diazinon</b>	s (control program in place) and o re susceptible to accumulation of s TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species A. Urban Runoff/Storm Sewers A.	ator is hatchability agriculture (carried elenium; health co Control Strategy High	p in nesting diving birds d downstream by rivers nsumption advisory in in place. <b>4.1 Miles</b>	y; exotic species effect for scaup 2004

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Gallinas Creek	20620013	<b>Diazinon</b> This listing was made by USEPA	í. Urban Runoff/Storm Sewers	High	2.1 Miles	2004
2	R	Guadalupe Creek	20540050	<b>Mercury</b> TMDL will be developed as part assessment is needed.	of the Santa Clara Basin Watershe Mine Tailings	<b>Medium</b> d Management I	<b>8.1 Miles</b> initiative. Additional m	onitoring and
2	L	Guadalupe Reservoir	20540040	<b>Mercury</b> TMDL will be developed as part assessment is needed.	of the Santa Clara Basin Watershe Surface Mining Mine Tailings	<b>Medium</b> d Management I	<b>63 Acres</b> initiative. Additional m	onitoring and
2	R	Guadalupe River	20540050	<b>Diazinon</b> This listing was made by USEPA <b>Mercury</b> TMDL will be developed as part assessment is needed.	1. Urban Runoff/Storm Sewers of the Santa Clara Basin Watershe Mine Tailings	High Medium d Management I	18 Miles 18 Miles initiative. Additional m	2004 onitoring and
2	Е	Islais Creek	20440010	Ammonia Chlordane (sediment)	Industrial Point Sources Combined Sewer Overflow	Low Low	46 Acres 46 Acres	
				Dieldrin (sediment) Endosulfan sulfate (sediment)	Industrial Point Sources Combined Sewer Overflow Industrial Point Sources Combined Sewer Overflow	Low Low	46 Acres 46 Acres	
				(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Industrial Point Sources Combined Sewer Overflow			

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### 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENT

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Hydrogen Sulfide		Low	46 Acres	
					Industrial Point Sources			
				PAHs (sediment)	Combined Sewer Overflow	Low	46 Acres	
				i mis (seument)	Industrial Point Sources	100	io neres	
					Combined Sewer Overflow			
				PCBs (sediment)		Low	46 Acres	
					Industrial Point Sources Combined Sewer Overflow			
2	R	Lagunitas Creek	20113020					
				Nutrients		Low	17 Miles	11.,. 1
				Tributary to Tomales Bay. The monitoring and assessment new	1DLs will be developed as part of e eded.	volving watershed	management effort. Ad	lattional
					Agriculture Urban Runoff/Storm Sewers			
				Pathogens	Urban Kunon/Storm Sewers	Low	17 Miles	
				0	1DLs will be developed as part of e eded.	volving watershed	management effort. Ac	lditional
					Agriculture			
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation Tributary to Tomales Bay, TN	IDLs will be developed as part of e	Medium	17 Miles management effort. Ad	lditional
				monitoring and assessment ne		iorning materialea		
					Agriculture Urban Runoff/Storm Sewers			
2	L	Lake Herman	20721030					
				Mercury		Low	108 Acres	
				Additional monitoring and ass	essment needed. Problem due to h. Surface Mining	istorical mining.		
2	L	Lake Merced	20210010					
				Low Dissolved Oxygen	~ /	Low	299 Acres	
				This listing was made by USE	PA. Source Unknown			
				рН	Source Unknown	Low	299 Acres	
				This listing was made by USE	PA.			
					Source Unknown			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Lake Merritt	20420040	<b>Organic Enrichment/Low Dissol</b> This listing was made by USEPA	••	Low	142 Acres	
				Trash	Source Unknown Urban Runoff/Storm Sewers	Low	142 Acres	
2	R	Laurel Creek (Solano Co)	20440040	<b>Diazinon</b> This listing was made by USEPA		High	3 Miles	2004
2	R	Ledgewood Creek	20723010	<b>Diazinon</b> This listing was made by USEPA		High	12 Miles	2004
2	R	Los Gatos Creek (R2)	20540011	<b>Diazinon</b> This listing was made by USEPA	Urban Runoff/Storm Sewers	High	19 Miles	2004
2	Е	Marina Lagoon (San Mateo County)	20440040	High Coliform Count	Urban Runoff/Storm Sewers Nonpoint Source	Low	169 Acres	
2	R	Matadero Creek	20550040	<b>Diazinon</b> This listing was made by USEPA	Urban Runoff/Storm Sewers	High	7.3 Miles	2004
2	R	Miller Creek	20620012	<b>Diazinon</b> This listing was made by USEPA	Urban Runoff/Storm Sewers	High	9 Miles	2004
2	Е	Mission Creek	20440010	Ammonia	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Chlordane (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Chlorpyrifos (sediment)		Low	8.5 Acres	
				<b>Industrial Point Sources</b>			
				Combined Sewer Overflow	Ţ	0.5	
			Chromium (sediment)		Low	8.5 Acres	
				Industrial Point Sources Combined Sewer Overflow			
			Copper (sediment)	Combined Sever Overnow	Low	8.5 Acres	
				<b>Industrial Point Sources</b>			
				<b>Combined Sewer Overflow</b>			
			Dieldrin (sediment)		Low	8.5 Acres	
				Industrial Point Sources			
			Hydrogen Sulfide	Combined Sewer Overflow	Low	8.5 Acres	
			; •g ~	<b>Industrial Point Sources</b>			
				Combined Sewer Overflow			
			Lead (sediment)		Low	8.5 Acres	
				<b>Industrial Point Sources</b>			
			Mercury (sediment)	Combined Sewer Overflow	Low	8.5 Acres	
			Wercury (seument)	<b>Industrial Point Sources</b>	LUW	0.5 Acres	
				Combined Sewer Overflow			
			Mirex (sediment)		Low	8.5 Acres	
				<b>Industrial Point Sources</b>			
				Combined Sewer Overflow			
			PAHs		Low	8.5 Acres	
				Industrial Point Sources Combined Sewer Overflow			
			PCBs (sediment)	Combined Sewer Overnow	Low	8.5 Acres	
			· · ·	<b>Industrial Point Sources</b>			
				<b>Combined Sewer Overflow</b>			
			Silver (sediment)		Low	8.5 Acres	
				Industrial Point Sources			
			Zinc (sediment)	Combined Sewer Overflow	Low	8.5 Acres	
			Zine (scunnent)	Industrial Point Sources	LUW	0.5 Acres	
				Combined Sewer Overflow			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMI COMPLETION
2	R	Mt. Diablo Creek	20731040	<b>Diazinon</b> This listing was made by USEP.		High	13 Miles	2004
					Urban Runoff/Storm Sewers			
2	R	Napa River	20650010					
				Nutrients		Medium	65 Miles	
				TMDL will be developed as part	t of ongoing watershed management	nt effort. Additio	nal monitoring and asse	essment needed.
				D-4	Agriculture	Low	(5 Miles	
				Pathogens	t of ongoing watershed managemen		65 Miles	assmant naadad
				TMDL will be developed as part	Agriculture	u ejjon. Addillo	nai monitoring ana asse	essment needed.
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation		Medium	65 Miles	
					t of ongoing watershed managemen	nt effort. Additio	nal monitoring and asse	essment needed.
					Agriculture		0	
					Construction/Land Developme	ent		
					Land Development			
					Urban Runoff/Storm Sewers			
2	R	Novato Creek	20620010					
				Diazinon		High	17 Miles	2004
				This listing was made by USEP.	4.			
					Und an Dame ff/64 and 6 and an			
					Urban Runoff/Storm Sewers			
2	В	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	20420040		Urban Kunon/Storm Sewers			
2	В		20420040	Chlordane	Urban Runon/Storm Sewers	Low	0.93 Acres	
2	В		20420040	<b>Chlordane</b> This listing was made by USEP.		Low	0.93 Acres	
2	В		20420040	This listing was made by USEP.		Low		
2	В		20420040		4.	Low Low	0.93 Acres 0.93 Acres	
2	В		20420040	This listing was made by USEP. Chlordane (sediment)	4.			
2	В		20420040	This listing was made by USEP. Chlordane (sediment) DDT	1. Nonpoint Source Source Unknown			
2	В		20420040	This listing was made by USEP. Chlordane (sediment)	4. Nonpoint Source Source Unknown 4.	Low	0.93 Acres	
2	В		20420040	This listing was made by USEP. Chlordane (sediment) DDT This listing was made by USEP.	1. Nonpoint Source Source Unknown	Low Low	0.93 Acres 0.93 Acres	
2	В		20420040	This listing was made by USEP. Chlordane (sediment) DDT This listing was made by USEP. Diazinon	4. Nonpoint Source Source Unknown 4. Nonpoint Source	Low Low Low	0.93 Acres 0.93 Acres 0.93 Acres	
2	В		20420040	This listing was made by USEP. <b>Chlordane (sediment)</b> <b>DDT</b> This listing was made by USEP. <b>Diazinon</b> Diazinon levels cause water colla application in late winter and pu	4. Nonpoint Source Source Unknown 4.	Low Low Low through riverine s linked to homed	0.93 Acres 0.93 Acres 0.93 Acres e systems linked to agric owner pesticide use in la	ultural ite spring, early

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED T COMPLETIC
			Dieldrin		Low	0.93 Acres	
			This listing was made by USEF	PA.			
			- *	Nonpoint Source			
			Dioxin Compounds		Low	0.93 Acres	
			<i>The specific compounds are 2,.</i> <i>HxCDD, 1,2,3,4,6,7,8-HpCDD</i>			1,2,3,6,7,8-HxCDD, 1,.	2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		Medium	0.93 Acres	
			Disrupt natural benthos; chang	ge pollutant availability in food	chain; disrupt food a	vailability to native spe	cies.
				Ballast Water			
			Furan Compounds		Low	0.93 Acres	
			<i>The specific compounds are 2,:</i> 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8 USEPA.				
				Atmospheric Deposition			
			Mercury		High	0.93 Acres	2003
			Current data indicate fish cons multiple fish species including	striped bass and shark. Major	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons	striped bass and shark. Major ng source is erosion and draind	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons multiple fish species including mining; most significant ongoia	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons multiple fish species including mining; most significant ongoia	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons multiple fish species including mining; most significant ongoia	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons multiple fish species including mining; most significant ongoia	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons multiple fish species including mining; most significant ongoia	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons multiple fish species including mining; most significant ongoia	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources	source is historic: go	ealth consumption advi old mining sediments an	sory in effect for ad local mercury
			Current data indicate fish cons multiple fish species including mining; most significant ongoin point sources.	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source	source is historic: ga ge from abandoned n High	ealth consumption advi. old mining sediments an nines; moderate to low <b>0.93 Acres</b>	sory in effect for d local mercury level inputs from 2004
			Current data indicate fish cons multiple fish species including mining; most significant ongoin point sources. PCBs This listing covers non dioxin-l	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source	source is historic: ga ige from abandoned n <b>High</b> ry for fish; uncertaint	ealth consumption advi. old mining sediments an nines; moderate to low <b>0.93 Acres</b>	sory in effect for d local mercury level inputs from 2004
			Current data indicate fish cons multiple fish species including mining; most significant ongoin point sources. PCBs This listing covers non dioxin-l	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source	source is historic: ga ige from abandoned n <b>High</b> ry for fish; uncertaint	ealth consumption advi. old mining sediments an nines; moderate to low <b>0.93 Acres</b>	sory in effect for d local mercury level inputs from 2004
			Current data indicate fish cons multiple fish species including mining; most significant ongoin point sources. PCBs This listing covers non dioxin-li concentration data.	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source like PCBs.Interim health adviso Unknown Nonpoint Source ands are 3,4,4,5-TCB (81), 3,3, 5-PeCB (114), 2,3,4,4,5-PeCB (	source is historic: ga ige from abandoned n High ry for fish; uncertaint e Low 3,3-TCB (77), 3,3,4,4 118), 2,3,4,4,5-PeCB	0.93 Acres by regarding water colu 0.93 Acres 0.93 Acres 5-PeCB (126), 3,3,4,4,- (123), 2,3,3,4,4,5-HxC	sory in effect for d local mercury level inputs from 2004 mn 1,4-HxCB (169), B (156),
			Current data indicate fish cons multiple fish species including mining; most significant ongoin point sources. PCBs This listing covers non dioxin-li concentration data. PCBs (dioxin-like) The specific dioxin like compor 2,3,3,4,4-PeCB (105), 2,3,4,4,5	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source like PCBs.Interim health adviso Unknown Nonpoint Source ands are 3,4,4,5-TCB (81), 3,3, 5-PeCB (114), 2,3,4,4,5-PeCB (	source is historic: ga ige from abandoned n High ry for fish; uncertaint e 13,3-TCB (77), 3,3,4,4 118), 2,3,4,4,5-PeCB 5-HpCB (189). This li	0.93 Acres by regarding water colu 0.93 Acres 0.93 Acres 5-PeCB (126), 3,3,4,4,- (123), 2,3,3,4,4,5-HxC	sory in effect for d local mercury level inputs from 2004 mn 1,4-HxCB (169), B (156),
			Current data indicate fish cons multiple fish species including mining; most significant ongoin point sources. PCBs This listing covers non dioxin-li concentration data. PCBs (dioxin-like) The specific dioxin like compor 2,3,3,4,4-PeCB (105), 2,3,4,4,5	striped bass and shark. Major ng source is erosion and draind Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source like PCBs.Interim health adviso Unknown Nonpoint Source unds are 3,4,4,5-TCB (81), 3,3, 5-PeCB (114), 2,3,4,4,5-PeCB ( 4,5,5,-HxCB (167), 2,3,3,4,4,5,.	source is historic: ga ige from abandoned n High ry for fish; uncertaint e 13,3-TCB (77), 3,3,4,4 118), 2,3,4,4,5-PeCB 5-HpCB (189). This li	0.93 Acres by regarding water colu 0.93 Acres 0.93 Acres 5-PeCB (126), 3,3,4,4,- (123), 2,3,3,4,4,5-HxC	sory in effect for d local mercury level inputs from 2004 mn 1,4-HxCB (169), B (156),

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Selenium		Low	0.93 Acres	
					d agriculture (carried of selenium; health coi	downstream by rivers	); exotic species
2 B	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	20420040					
			Chlordane		Low	1.8 Acres	
			This listing was made by USEF	PA.			
				Nonpoint Source			
			Chlordane (sediment)		Low	1.8 Acres	
				Source Unknown			
			Chlorpyrifos (sediment)		Low	1.8 Acres	
				Source Unknown			
			Copper (sediment)	~~~~~	Low	1.8 Acres	
				Source Unknown			
			DDT	Source Onknown	Low	1.8 Acres	
			This listing was made by USEF	24	Low	1.0 Attes	
			This listing was made by OSEI	Nonpoint Source			
			Diazinon	Nonpoint Source	Low	1.8 Acres	
			Diazinon levels cause water co	lumn toxicity Two patterns: m			nltural
			application in late winter and p summer. Chlorpyrifos may als	pulse from residential land use of	areas linked to homeo	wner pesticide use in la	
				Nonpoint Source			
			Dieldrin		Low	1.8 Acres	
			This listing was made by USEF	PA.			
				Nonpoint Source			
			Dieldrin (sediment)		Low	1.8 Acres	
				Source Unknown			
			Dioxin Compounds		Low	1.8 Acres	
			The specific compounds are 2,. HxCDD, 1,2,3,4,6,7,8-HpCDD	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 9, and OCDD. This listing was 1		1,2,3,6,7,8-HxCDD, 1,2	2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		Medium	1.8 Acres	
			Disrupt natural benthos; chang	ge pollutant availability in food	chain; disrupt food av	vailability to native spe	cies.
				Ballast Water			

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TN COMPLETIO
			Furan Compounds		Low	1.8 Acres	
				3,7,8-TCDF, 1,2,3,7,8-PeCDF, 3-HxCDF, 1,2,3,4,6,7,8-HpCDF			
				<b>Atmospheric Deposition</b>			
			Lead (sediment)		Low	1.8 Acres	
				Source Unknown			
			Mercury		High	1.8 Acres	2003
			multiple fish species including	sumption and wildlife consumpt striped bass and shark. Major ng source is erosion and draina	source is historic: go	ld mining sediments an	d local mercury
				<b>Industrial Point Sources</b>			
				<b>Municipal Point Sources</b>			
				<b>Resource Extraction</b>			
				Atmospheric Deposition			
				Natural Sources			
			Mercury (sediment)	Nonpoint Source	Low	1.8 Acres	
			Mercury (seument)		Low	1.0 Acres	
			Minor (adiment)	Source Unknown	Low	19 4 94 95	
			Mirex (sediment)		Low	1.8 Acres	
				Source Unknown	<b>T</b>	10 4	
			PAHs (sediment)		Low	1.8 Acres	
			DOD	Source Unknown			••••
			PCBs		High	1.8 Acres	2004
			This listing covers non dioxin- concentration data.	like PCBs.Interim health adviso		y regarding water colui	mn
				Unknown Nonpoint Sourc			
			PCBs (dioxin-like)		Low	1.8 Acres	
			2,3,3,4,4-PeCB (105), 2,3,4,4,5	unds are 3,4,4,5-TCB (81), 3,3,2 5-PeCB (114), 2,3,4,4,5-PeCB ( 4,5,5,-HxCB (167), 2,3,3,4,4,5,5 Unknown Nonpoint Sourc	118), 2,3,4,4,5-PeCB 5-HpCB (189). This li	(123), 2,3,3,4,4,5-HxCl	B (156),
			PCBs (sediment)		Low	1.8 Acres	
				Source Unknown			
			ppDDE (sediment)	Source Unknown	Low	1.8 Acres	
			rr · (~~~~~)	Source Unknown	200		
				Source Unknown			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		Low	1.8 Acres	
				may have made food chain more	food chain; most sensitive indica (control program in place) and a susceptible to accumulation of se MDL priority because Individual	griculture (carrie elenium; health co	d downstream by rivers	); exotic species
					<b>Industrial Point Sources</b>			
					Agriculture			
					Natural Sources			
				Tribetakin (andimant)	Exotic Species	T	10 4	
				Tributyltin (sediment)		Low	1.8 Acres	
					Source Unknown	_		
				Zinc (sediment)		Low	1.8 Acres	
					Source Unknown			
2	С	Pacific Ocean at Fitzgerald Marine Reserve	20221012					
				High Coliform Count		Low	0.46 Miles	
					Nonpoint Source			
2	С	Pacific Ocean at Pacifica State Beach	20221011		•			
-	C	racine occan at racinea State Deach	20221011	High Coliform Count		Low	0.87 Miles	
				Linda Mar and San Pedro beach	es are the areas affected	2011	0.07 1.1105	
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
2	С	Pacific Ocean at Pillar Point Beach	20221012					
-	C	racine occan at i mar i ome beach	20221012	High Coliform Count		Low	1.1 Miles	
					Nonpoint Source			
					Nonpoint Source			
2	С	Pacific Ocean at Rockaway Beach	20221011					
				High Coliform Count		Low	0.29 Miles	
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
2	С	Pacific Ocean at Venice Beach	20222011					
				High Coliform Count		Low	0.38 Miles	
					Nonpoint Source			
2	R	Permanente Creek	20550021					
-			20000001	Diazinon		High	13 Miles	2004
				This listing was made by USEPA	l.	-8		
					Urban Runoff/Storm Sewers			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
2	R	Pescadero Creek	20240013					
				Sedimentation/Siltation		Medium	26 Miles	
				Impairment to steelhead habita	<i>t</i> .			
					Nonpoint Source			
2	R	Petaluma River	20630020					
				Diazinon		Low	22 Miles	
				Data source: Abelli-Amen, Pete	uluma Tree Planters, 1999.			
					<b>Urban Runoff/Storm Sewers</b>			
				Nutrients		Medium	22 Miles	
				TMDL will be developed as par	t of ongoing watershed managemen	t effort. Addition	nal monitoring and asse	essment needed.
					Agriculture			
					Construction/Land Developme	nt		
				D (1	Urban Runoff/Storm Sewers	<b>N</b> 11	22 141	
				Pathogens		Medium	22 Miles	
				IMDL will be developed as par	t of ongoing watershed managemen Agriculture	t effort. Addition	nai monitoring ana asse	ssment needed.
					Construction/Land Developme	nt		
					Urban Runoff/Storm Sewers	Πt		
				Sedimentation/Siltation		Medium	22 Miles	
					Agriculture			
					Construction/Land Developme	nt		
					Urban Runoff/Storm Sewers			
2	R	Petaluma River (tidal portion)	20630040					
				Diazinon		Low	1.1 Miles	
				Data source: Abelli-Amen, Pete	uluma Tree Planters, 1999.			
					<b>Urban Runoff/Storm Sewers</b>			
				Nickel		Low	1.1 Miles	
				Exceedance of California Toxic tissue levels.	Rule dissolved criteria and Nation	al Toxic Rule toto	al criteria; elevated wat	er and sediment
					<b>Municipal Point Sources</b>			
					<b>Urban Runoff/Storm Sewers</b>			
					Atmospheric Deposition			
				Nutrients		Medium	1.1 Miles	
				TMDL will be developed as par	t of ongoing watershed managemen Agriculture	t effort. Addition	nal monitoring and asse	essment needed.
					Construction/Land Developme	nt		
					Urban Runoff/Storm Sewers			

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REGION (	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				Pathogens		Medium	1.1 Miles	
				TMDL will be developed as part		nent effort. Addition	nal monitoring and asse	essment needed.
					Agriculture	mont		
					Construction/Land Develop Urban Runoff/Storm Sewer			
2	R	Pine Creek (Contra Costa Co)	20731011					
				Diazinon		High	13 Miles	2004
				This listing was made by USEP				
					Urban Runoff/Storm Sewer	S		
2	R	Pinole Creek	20660020					
				Diazinon		High	9.2 Miles	2004
				This listing was made by USEP				
					Urban Runoff/Storm Sewer	S		
2	R	Pomponio Creek	20240020			_		
				High Coliform Count		Low	7.1 Miles	
					Nonpoint Source			
2	В	Richardson Bay	20312010					
				Chlordane		Low	2439 Acres	
				This listing was made by USEP				
				DDT	Nonpoint Source	T	2420 4	
				<b>DDT</b> This listing was made by USEP.	1	Low	2439 Acres	
				This listing was made by USET	Nonpoint Source			
				Dieldrin	Tompoint Source	Low	2439 Acres	
				This listing was made by USEP	1.			
					Unknown Nonpoint Source			
				Dioxin Compounds		Low	2439 Acres	
				<i>The specific compounds are 2,3,</i> <i>HxCDD, 1,2,3,4,6,7,8-HpCDD,</i>			1,2,3,6,7,8-HxCDD, 1,2	2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		Medium	2439 Acres	
				Disrupt natural benthos; change	e pollutant availability in food c Ballast Water	hain; disrupt food a	wailability to native spe	cies.
				Furan Compounds		Low	2439 Acres	
				<i>The specific compounds are 2,3,</i> <i>1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-</i> <i>USEPA</i> .	7,8-TCDF, 1,2,3,7,8-PeCDF, 2, HxCDF, 1,2,3,4,6,7,8-HpCDF,	3,4,7,8-PeCDF, 1,2 1,2,3,4,7,8,9-HpCD	2,3,4,7,8-HxCDF, 1,2,3, F, and OCDF. This list	6, 7,8,-HxCDF, ing was made by
					Atmospheric Deposition			

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GION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMI COMPLETION
			High Coliform Count		Low	2439 Acres	
				rbor, is less than 10% of embayn boat areas; extensive local contro			
				Urban Runoff/Storm Sewer Septage Disposal Boat Discharges/Vessel Wa			
			Mercury	Dout Discharges/ (esser () a	High	2439 Acres	2003
			multiple fish species including	umption and wildlife consumptio striped bass and shark. Major so ng source is erosion and drainag	ource is historic: go	ld mining sediments an	d local mercury
			1	<b>Municipal Point Sources</b>			
				<b>Resource Extraction</b>			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			PCBs		High	2439 Acres	2004
			This listing covers non dioxin-l concentration data.	like PCBs. Interim health advisor		ty regarding water colu	ımn
				Unknown Nonpoint Source			
			PCBs (dioxin-like)		Low	2439 Acres	
			2,3,3,4,4-PeCB (105), 2,3,4,4,5	unds are 3,4,4,5-TCB (81), 3,3,3, 5-PeCB (114), 2,3,4,4,5-PeCB (1 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-	18), 2,3,4,4,5-PeCB	(123), 2,3,3,4,4,5-HxCl	B (156),
				<b>Unknown Nonpoint Source</b>			
2 R	Rodeo Creek	20660022					
			Diazinon		High	8 Miles	2004
			This listing was made by USEF	PA.			
				Urban Runoff/Storm Sewer	'S		
2 E	Sacramento San Joaquin Delta	20710010					
			Chlordane		Low	41736 Acres	
			This listing was made by USEF				
				Nonpoint Source	_		
			DDT		Low	41736 Acres	
			This listing was made by USEF				
				Nonpoint Source			

July 2003

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Diazinon		Low	41736 Acres	
			application in late winter and p	umn toxicity. Two patterns: puls ulse from residential land use ard be the cause of toxicity; more do Nonpoint Source	eas linked to homeo	wner pesticide use in la	
			Dieldrin	-	Low	41736 Acres	
			This listing was made by USEP.	4.			
				Nonpoint Source			
			Dioxin Compounds		Low	41736 Acres	
				7,8-TCDD, 1,2,3,7,8-PeCDD, 1, and OCDD. This listing was made		1,2,3,6,7,8-HxCDD, 1,2	9,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		Medium	41736 Acres	
			Disrupt natural benthos; chang	e pollutant availability in food ch Ballast Water	hain; disrupt food av	vailability to native spec	cies.
			Furan Compounds		Low	41736 Acres	
			<i>The specific compounds are 2,3</i> <i>1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-</i> <i>USEPA</i> .	7,8-TCDF, 1,2,3,7,8-PeCDF, 2,. HxCDF, 1,2,3,4,6,7,8-HpCDF, 1			
				Atmospheric Deposition			
			Mercury		High	41736 Acres	2003
			Current data indicate fish consu sediments and local mercury mi moderate to low level inputs fro	ning; most significant ongoing se			
				<b>Industrial Point Sources</b>			
				<b>Municipal Point Sources</b>			
				<b>Resource Extraction</b>			
				Atmospheric Deposition			
			NT: 1 1	Nonpoint Source	•	41526	
			Nickel	4	Low	41736 Acres	
			This listing was made by USEP.	4. Source Unknown			
			PCBs	Source Unknown	High	41736 Acres	2004
				ke PCBs.Interim health advisory	0		
				<b>Unknown Nonpoint Source</b>			
			PCBs (dioxin-like)		Low	41736 Acres	
				nds are 3,4,4,5-TCB (81), 3,3,3,3 PeCB (114), 2,3,4,4,5-PeCB (11 5,5,-HxCB (167), 2,3,3,4,4,5,5-F	8), 2,3,4,4,5-PeCB	(123), 2,3,3,4,4,5-HxCE	B (156),
				<b>Unknown Nonpoint Source</b>		-	

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<b>REGION</b> 1	түре	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				Selenium		Low	41736 Acres	
				contributions from oil refinerie may have made food chain mo	ne food chain; most sensitive indic s (control program in place) and re susceptible to accumulation of TMDL priority because Individua	agriculture (carried selenium; health co	d downstream by rivers	); exotic species effect for scaup
					<b>Industrial Point Sources</b>			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	R	San Antonio Creek (Marin/Sonoma Co)	20630031	D'		11:_h	10 M:L	2004
				<b>Diazinon</b> This listing was made by USEF	D A	High	18 Miles	2004
				This listing was made by USEI	Urban Runoff/Storm Sewers			
2	R	San Felipe Creek	20530041					
2	ĸ	San renpe Creek	20550041	Diazinon		High	15 Miles	2004
				This listing was made by USEF	РА.	g.i	it white	2001
				0 ,	Urban Runoff/Storm Sewers			
2	В	San Francisco Bay, Central	20312010					
-	2		20012010	Chlordane		Low	70992 Acres	
				This listing was made by USEF	PA.			
					Nonpoint Source			
				DDT		Low	70992 Acres	
				This listing was made by USEF				
				Diazinon	Nonpoint Source	Low	70992 Acres	
					lumn toxicity. Two patterns: puls			rultural
				application in late winter and p	oulse from residential land use are o be the cause of toxicity; more de	eas linked to homeo	wner pesticide use in la	
					Nonpoint Source			
				Dieldrin		Low	70992 Acres	
				This listing was made by USEF	A. Nonpoint Source			
				Dioxin Compounds	Nonpoint Source	Low	70992 Acres	
				The specific compounds are 2,	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1, , and OCDD. This listing was ma	2,3,4,7,8-HxCDD,		2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		Medium	70992 Acres	
				Disrupt natural benthos; chang	ge pollutant availability in food ch Ballast Water	ain; disrupt food a	wailability to native spe	cies.
				P 10 C22	Ballast Water		-	

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Furan Compounds		Low	70992 Acres	
				8,7,8-TCDF, 1,2,3,7,8-PeCDF, 2, -HxCDF, 1,2,3,4,6,7,8-HpCDF,			
				Atmospheric Deposition			
			Mercury		High	70992 Acres	2003
			multiple fish species including	umption and wildlife consumptio striped bass and shark. Major so ng source is erosion and drainag	ource is historic: go	old mining sediments an	d local mercury
			-	<b>Industrial Point Sources</b>			
				<b>Municipal Point Sources</b>			
				<b>Resource Extraction</b>			
				Atmospheric Deposition			
				Natural Sources			
			DCD	Nonpoint Source		50002	2004
			PCBs This listing covers non dioxin-l concentration data.	ike PCBs.Interim health advisory	<b>High</b> for fish; uncertaint	<b>70992</b> Acres ty regarding water colu	<b>2004</b> mn
				<b>Unknown Nonpoint Source</b>			
			PCBs (dioxin-like)		Low	70992 Acres	
			2,3,3,4,4-PeCB (105), 2,3,4,4,5	unds are 3,4,4,5-TCB (81), 3,3,3,. -PeCB (114), 2,3,4,4,5-PeCB (11 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-1	18), 2,3,4,4,5-PeCB	(123), 2,3,3,4,4,5-HxCl	B (156),
				<b>Unknown Nonpoint Source</b>			
			Selenium		Low	70992 Acres	
			contributions from oil refinerie may have made food chain mor	e food chain; most sensitive indi s (control program in place) and e susceptible to accumulation of TMDL priority because Individua Industrial Point Sources Agriculture Natural Sources Exotic Species	agriculture (carried selenium; health co	d downstream by rivers	); exotic species
2 B Sa	an Francisco Bay, Lower	20410010					
			Chlordane		Low	79293 Acres	
			This listing was made by USEP				
			DDT	Nonpoint Source	Ŧ	70202	
			DDT	1	Low	79293 Acres	
			This listing was made by USEP				
				Nonpoint Source			

July 2003

<b>REGION TYPE</b>	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Diazinon		Low	79293 Acres	
			Diazinon levels cause water con application in late winter and p summer. Chlorpyrifos may also	ulse from residential land use a	reas linked to homeov	vner pesticide use in	
				Nonpoint Source			
			Dieldrin		Low	79293 Acres	
			This listing was made by USEP	А.			
				Nonpoint Source			
			Dioxin Compounds		Low	79293 Acres	
			The specific compounds are 2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD,			,2,3,6,7,8-HxCDD, 1	,2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		Medium	79293 Acres	
			Disrupt natural benthos; chang	e pollutant availability in food c	chain; disrupt food av	ailability to native sp	pecies.
				Ballast Water			
			Furan Compounds		Low	79293 Acres	
			<i>The specific compounds are 2,3</i> <i>1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8</i> <i>USEPA.</i>				
				Atmospheric Deposition			
			Mercury		High	79293 Acres	2003
			Current data indicate fish consi multiple fish species including s mining; most significant ongoin point sources: water quality ob	triped bass and shark. Major s g source is erosion and drainag	ource is historic: go from abandoned m	ld mining sediments ines; moderate to lov	and local mercury
				Industrial Point Sources			
				<b>Municipal Point Sources</b>			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Nickel		Low	79293 Acres	
			This listing was made by USEP.	4.			
				Source Unknown			
			PCBs		High	79293 Acres	2004
			This listing covers non dioxin-la concentration data.	ke PCBs.Interim health advisor	y for fish; uncertainty	regarding water col	lumn
				Unknown Nonpoint Source			

July 2003

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMA SIZE AFFF		PROPOSED TMDL COMPLETION
				PCBs (dioxin-like) The specific dioxin like compo 2,3,3,4,4-PeCB (105), 2,3,4,4 2,3,3,4,4,5-HxCB (157), 2,3,4	,5-PeCB (114), 2,3,4,4,5-PeC	B (118), 2,3,4,4,5-PeCB ( 5,5-HpCB (189). This lis	123), 2,3,3,4,4	3,3,4,4,4,4 4,5-HxCB (.	156),
2	В	San Francisco Bay, South	20510000	<b>Chlordane</b> This listing was made by USE	SPA.	Low	21669	Acres	
				<b>DDT</b> This listing was made by USE	Nonpoint Source	Low	21669	Acres	
				This listing was made by OSE	Nonpoint Source				
				Diazinon	•	Low	21669	Acres	
				Diazinon levels cause water c application in late winter and summer. Chlorpyrifos may al	pulse from residential land u	se areas linked to homeov	vner pesticide		
					Nonpoint Source				
				Dieldrin		Low	21669	Acres	
				This listing was made by USE					
					Nonpoint Source	_			
				Dioxin Compounds		Low	21669		
				<i>The specific compounds are 2</i> <i>HxCDD, 1,2,3,4,6,7,8-HpCD</i>	D, and OCDD. This listing we	as made by USEPA.	,2,3,6,7,8-Hx	CDD, 1,2,3,	,7,8,9-
				<b>F</b> (* G *	Atmospheric Deposition		21//0		
				Exotic Species	11	Medium	21669		
				Disrupt natural benthos; char	nge pollutant availability in fo Ballast Water	od chain; disrupt food av	ailability to n	ative specie	<i>S</i> .
				Furan Compounds		Low	21669	Acres	
				The specific compounds are 2 1,2,3,7,8,9-HxCDF, 2,3,4,6,7, USEPA.					
					Atmospheric Deposition	1			
					-				

July 2003

EGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TM COMPLETION
			Mercury		High	21669 Acres	2003
			multiple fish species including st mining; most significant ongoing	mption and wildlife consumption riped bass and shark. Major sou. 3 source is erosion and drainage J ective exceedances. Elevated sedi	rce is historic: go from abandoned n	old mining sediments an nines; moderate to low l	d local mercury
				<b>Industrial Point Sources</b>			
				<b>Municipal Point Sources</b>			
				<b>Resource Extraction</b>			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			PCBs		High	21669 Acres	2004
			This listing covers non dioxin-lil concentration data.	e PCBs.Interim health advisory f	or fish; uncertaint	ty regarding water colu	mn
				<b>Unknown Nonpoint Source</b>			
			PCBs (dioxin-like)		Low	21669 Acres	
			2,3,3,4,4-PeCB (105), 2,3,4,4,5-	ads are 3,4,4,5-TCB (81), 3,3,3,3- PeCB (114), 2,3,4,4,5-PeCB (118) 5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	), 2,3,4,4,5-PeCB	(123), 2,3,3,4,4,5-HxCl	B (156),
				<b>Unknown Nonpoint Source</b>			
			Selenium		Low	21669 Acres	
				en issued by OEHHA for benthic-j water contact recreation benefici			
			noi juliy mei.			5 5 11	standar as ar c
			noi juity met.	Agriculture		5 5 11	standar as ar c
			noi juliy met.	Agriculture Domestic Use of Ground Wate	5 <b>r</b>	5 7 11	Standar as ar c
2 R San	Francisquito Creek	20550040	not july met.	8	er		siandar as ar c
2 R San	Francisquito Creek	20550040	Diazinon	8	er High	12 Miles	2004
2 R San	Francisquito Creek	20550040		Domestic Use of Ground Wate			
2 R San	Francisquito Creek	20550040	Diazinon	Domestic Use of Ground Wate			
2 R San	Francisquito Creek	20550040	Diazinon	Domestic Use of Ground Wate			
2 R San	Francisquito Creek	20550040	<b>Diazinon</b> This listing was made by USEPA	Domestic Use of Ground Wate Urban Runoff/Storm Sewers	High	12 Miles	
2 R San	Francisquito Creek	20550040	Diazinon This listing was made by USEP. Sedimentation/Siltation	Domestic Use of Ground Wate Urban Runoff/Storm Sewers	High	12 Miles	
		20550040 20230014	Diazinon This listing was made by USEP. Sedimentation/Siltation	Domestic Use of Ground Wate	High	12 Miles	
	Francisquito Creek Gregorio Creek		Diazinon This listing was made by USEP. Sedimentation/Siltation	Domestic Use of Ground Wate	High	12 Miles	
			Diazinon This listing was made by USEP Sedimentation/Siltation Impairment to steelhead habitat.	Domestic Use of Ground Wate Urban Runoff/Storm Sewers Nonpoint Source	High Medium	12 Miles 12 Miles	
			Diazinon This listing was made by USEP Sedimentation/Siltation Impairment to steelhead habitat. High Coliform Count	Domestic Use of Ground Wate	High Medium Low	12 Miles 12 Miles 11 Miles	
			Diazinon This listing was made by USEPA Sedimentation/Siltation Impairment to steelhead habitat. High Coliform Count Sedimentation/Siltation	Domestic Use of Ground Wate Urban Runoff/Storm Sewers Nonpoint Source	High Medium	12 Miles 12 Miles	
			Diazinon This listing was made by USEP Sedimentation/Siltation Impairment to steelhead habitat. High Coliform Count	Domestic Use of Ground Wate Urban Runoff/Storm Sewers Nonpoint Source	High Medium Low	12 Miles 12 Miles 11 Miles	

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMA SIZE AFF		PROPOSED TMD COMPLETION
2	В	San Leandro Bay (part of SF Bay, Central)	20420040						
				Chlordane		Low	588	Acres	
				This listing was made by USEF	РА.				
					Nonpoint Source				
				DDT		Low	588	Acres	
				This listing was made by USEF	PA.				
					Nonpoint Source				
				DDT (sediment)		Low	588	Acres	
					Source Unknown				
				Diazinon		Low	588	Acres	
				application in late winter and p	lumn toxicity. Two patterns: puls pulse from residential land use ard o be the cause of toxicity; more do Nonpoint Source	eas linked to homed	wner pesticid		
				Dieldrin	•	Low	588	Acres	
				This listing was made by USEF	PA.				
					Nonpoint Source				
			Dioxin Compounds		Low	588	Acres		
				Atmospheric Deposition					
				Exotic Species		Medium	588	Acres	
				Disrupt natural benthos; chang	ge pollutant availability in food ch	ain; disrupt food a	vailability to r	native spe	cies.
					Ballast Water				
				Furan Compounds		Low	588	Acres	
				<i>The specific compounds are 2,.</i> <i>1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8</i> <i>USEPA</i> .	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,. -HxCDF, 1,2,3,4,6,7,8-HpCDF, 1	3,4,7,8-PeCDF, 1,2 1,2,3,4,7,8,9-HpCD	2,3,4,7,8-HxCL F, and OCDF	DF, 1,2,3, . This list	6,7,8-HxCDF, ting was made by
					Atmospheric Deposition				
				Lead (sediment)		Low	588	Acres	
					Source Unknown				
				Mercury		High	588	Acres	2003
				multiple fish species including	umption and wildlife consumption striped bass and shark. Major so ng source is erosion and drainage	urce is historic: go	old mining sed	iments an	d local mercury
					<b>Industrial Point Sources</b>				
					<b>Municipal Point Sources</b>				
					<b>Resource Extraction</b>				
					Atmospheric Deposition				
					Natural Sources				
					Nonpoint Source				

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury (sediment)		Low	588 Acres	
				Source Unknown			
			PAHs (sediment)		Low	588 Acres	
				Source Unknown			
			Pesticides (sediment)		Low	588 Acres	
				Source Unknown			
			Selenium		Low	588 Acres	
			contributions from oil refineries may have made food chain more	e food chain; most sensitive indica (control program in place) and a e susceptible to accumulation of se MDL priority because Individual	griculture (carrie elenium; health co	d downstream by rivers, onsumption advisory in e	); exotic species
				<b>Industrial Point Sources</b>			
				Agriculture			
				Natural Sources			
			Selenium (sediment)	Exotic Species	Low	588 Acres	
			Setemani (Seannene)	Source Unknown	200	500 Heres	
			Zinc (sediment)	Source Onknown	Low	588 Acres	
				Source Unknown			
2 R San	Leandro Creek, Lower	20420012					
	Ecanuro Creek, Eower	20420012	Diazinon		High	9.3 Miles	2004
			This listing was made by USEPA	1.	8		
				Urban Runoff/Storm Sewers			
2 R San	Lorenzo Creek	20420023					
			Diazinon		High	11 Miles	2004
			This listing was made by USEPA	1.			
				Urban Runoff/Storm Sewers			
2 R San	Mateo Creek	20440032					
			Diazinon		High	11 Miles	2004
			This listing was made by USEPA				
				Urban Runoff/Storm Sewers			
2 B San	Pablo Bay	20610010	~		_		
			Chlordane	1	Low	68349 Acres	
			This listing was made by USEPA	<sup>1.</sup> Nonpoint Source			
			DDT		Low	68349 Acres	
			This listing was made by USEPA	1.			
			- ·	Nonpoint Source			

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTI	
			Diazinon		Low	68349 Acr	es
			application in late winter and p	lumn toxicity. Two patterns: pul oulse from residential land use a o be the cause of toxicity; more o Nonpoint Source	reas linked to homeo	wner pesticide use	0
			Dieldrin	Ţ.	Low	68349 Acr	es
			This listing was made by USEP	PA.			
				Nonpoint Source			
			Dioxin Compounds		Low	68349 Acr	es
			1 0 1	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1, and OCDD. This listing was m		1,2,3,6,7,8-HxCDL	9, 1,2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		Medium	68349 Acr	
			Disrupt natural benthos; chang	ge pollutant availability in food c	chain; disrupt food a	vailability to native	species.
				Ballast Water	_		
			Furan Compounds		Low	68349 Acr	
				3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2 -HxCDF, 1,2,3,4,6,7,8-HpCDF,			
				<b>Atmospheric Deposition</b>			
			Mercury		High	68349 Acr	es 2003
			multiple fish species including	umption and wildlife consumptio striped bass and shark. Major s ng source is erosion and drainag	ource is historic: go	ld mining sediment	s and local mercury
				<b>Municipal Point Sources</b>			
				<b>Resource Extraction</b>			
				<b>Atmospheric Deposition</b>			
				Natural Sources			
				Nonpoint Source			
			Nickel		Low	68349 Acr	es
			This listing was made by USEP				
				Source Unknown			
			PCBs		High	68349 Acr	
			This listing covers non dioxin-l concentration data.	ike PCBs.Interim health advisor		v regarding water o	column
				Unknown Nonpoint Source		60 <b>0</b> 40	
			PCBs (dioxin-like)		Low	68349 Acr	
			2,3,3,4,4-PeCB (105), 2,3,4,4,5	unds are 3,4,4,5-TCB (81), 3,3,3, 5-PeCB (114), 2,3,4,4,5-PeCB (1 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-	18), 2,3,4,4,5-PeCB	(123), 2,3,3,4,4,5-H	IxCB (156),
				Unknown Nonpoint Source			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				Selenium		Low	68349 Acres	
				contributions from oil refineries may have made food chain more	food chain; most sensitive indicat (control program in place) and ag susceptible to accumulation of set MDL priority because Individual o Industrial Point Sources Agriculture Natural Sources	riculture (carrie lenium; health co	d downstream by rivers, onsumption advisory in e	; exotic species
					Exotic Species			
2	R	San Pablo Creek	20660014	<b>Diazinon</b> This listing was made by USEPA		High	9.9 Miles	2004
					Urban Runoff/Storm Sewers			
2	L	San Pablo Reservoir	20660012	Mercury		Low	784 Acres	
					Atmospheric Deposition			
2	R	San Pedro Creek	20221011	High Coliform Count		Low	2.4 Miles	
					Urban Runoff/Storm Sewers Nonpoint Source			
2	R	San Rafael Creek	20320012	<b>Diazinon</b> This listing was made by USEPA		High	3.6 Miles	2004
					Urban Runoff/Storm Sewers			
2	R	San Vicente Creek	20221012	High Coliform Count		Low	3.8 Miles	
					Nonpoint Source			
2	R	Saratoga Creek	20550040	<b>Diazinon</b> This listing was made by USEPA		High	18 Miles	2004
				This usung was made by 0521 I	Urban Runoff/Storm Sewers			
2	R	Sonoma Creek	20640050	Nutrients		Medium	30 Miles	
				TMDL will be developed as part Page 27 of 32	of ongoing watershed managemen Agriculture Construction/Land Developmen Land Development Urban Runoff/Storm Sewers		nal monitoring and asse	essment needed.

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				Pathogens		Low	30 Miles	
				TMDL will be developed as pa	1 0 0	gement effort. Addition	al monitoring and asse	essment needed.
					Agriculture			
					Construction/Land Deve	lopment		
					Land Development Urban Runoff/Storm Sev	vors		
				Sedimentation/Siltation	Orban Kunon/Storm Sev	Medium	30 Miles	
				TMDL will be developed as pa	rt of ongoing watershed mana			essment needed.
				TINDE will be developed as pa	Agriculture	gement egyerti. Huuttioi	an monto ng ana asse	Somer needed.
					Construction/Land Deve	lopment		
					Land Development	-		
					Urban Runoff/Storm Sev	vers		
2	R	Stevens Creek	20550020					
				Diazinon		High	20 Miles	2004
				This listing was made by USEP	РА.			
					Urban Runoff/Storm Sev	vers		
2	В	Suisun Bay	20710020					
				Chlordane		Low	27498 Acres	
				This listing was made by USEF	РА.			
					Nonpoint Source			
				DDT		Low	27498 Acres	
				This listing was made by USEF				
				Diazinon	Nonpoint Source	Low	27498 Acres	
				Diazinon levels cause water co	lumn toxicity. Two natterns: r			ultural
				application in late winter and p summer. Chlorpyrifos may also	oulse from residential land use	e areas linked to homeo	wner pesticide use in la	
					Nonpoint Source			
				Dieldrin		Low	27498 Acres	
				This listing was made by USEP				
					Nonpoint Source	Ţ	25400	
				Dioxin Compounds	TO TOD 12270 D OD		27498 Acres	2 7 9 0
				<i>The specific compounds are 2,.</i> <i>HxCDD, 1,2,3,4,6,7,8-HpCDD</i>	, and OCDD. This listing was		1,2,3,0,7,8-HXCDD, 1,2	\$,3,/,8,9-
				Exotic Species	Atmospheric Deposition	Medium	27498 Acres	
				Disrupt natural benthos; change	ge pollutant availability in foo			cies.
				r	Ballast Water	.,		

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		1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8- USEPA. Mercury Current data indicate fish const	7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2, <b>Atmospheric Deposition</b> umption and wildlife consumption in ining; most significant ongoing source m point sources. <b>Industrial Point Sources</b> <b>Resource Extraction</b> <b>Atmospheric Deposition</b> <b>Natural Sources</b> <b>Nonpoint Source</b>	3,4,7,8,9-HpCDF High 1pacted uses. Maj	r, and OCDF. <b>27498</b> ior source is h	OF, 1,2,3,6 This listi <b>Acres</b> historic: g m abando	ing was made by 2003 rold mining
		1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8- USEPA. Mercury Current data indicate fish const sediments and local mercury mi moderate to low level inputs fro	<ul> <li>HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,.</li> <li>Atmospheric Deposition</li> <li>umption and wildlife consumption in ining; most significant ongoing sources m point sources.</li> <li>Industrial Point Sources</li> <li>Resource Extraction</li> <li>Atmospheric Deposition</li> <li>Natural Sources</li> </ul>	3,4,7,8,9-HpCDF High npacted uses. Maj ce is erosion and	7, and OCDF. <b>27498</b> ior source is l drainage fron	This listi Acres historic: g m abando	ing was made by 2003 rold mining
		Current data indicate fish consu sediments and local mercury mi moderate to low level inputs fro	umption and wildlife consumption in ining; most significant ongoing source m point sources. Industrial Point Sources Resource Extraction Atmospheric Deposition Natural Sources	npacted uses. Maj ce is erosion and	ior source is I drainage fron	historic: g m abando	old mining
		Current data indicate fish consu sediments and local mercury mi moderate to low level inputs fro	ining; most significant ongoing sources on point sources. Industrial Point Sources Resource Extraction Atmospheric Deposition Natural Sources	npacted uses. Maj ce is erosion and	ior source is I drainage fron	historic: g m abando	old mining
		sediments and local mercury mi moderate to low level inputs fro	ining; most significant ongoing sources on point sources. Industrial Point Sources Resource Extraction Atmospheric Deposition Natural Sources	ce is erosion and	drainage froi	m abando	0
		Nickel	Natural Sources	Low	27498		
		Nickel		Low	27498		
		Nickel		Low	27498		
				LOW		Acres	
		This listing was made by USEP.	A.	2011	27.070	i ici co	
			Source Unknown				
		PCBs		High	27498	Acres	2004
		This listing covers non-dioxin-li concentration data.	ike PCBs. Interim health advisory fo	r fish; uncertainty	y regarding w	vater colu	mn
			Unknown point source				
		PCBs (dioxin-like)		Low	27498	Acres	
		2,3,3,4,4-PeCB (105), 2,3,4,4,5-	unds are 3,4,4,5-TCB (81), 3,3,3,3-T( -PeCB (114), 2,3,4,4,5-PeCB (118), ',5,5-HxCB (167), 2,3,3,4,4,5,5-HpC	2,3,4,4,5-PeCB (	123), 2,3,3,4,4	4,5-HxCB	e (156),
			<b>Unknown Nonpoint Source</b>				
		Selenium		Low			
		contributions from oil refineries may have made food chain more	s (control program in place) and agr e susceptible to accumulation of sele TMDL priority because Individual C Industrial Point Sources Natural Sources	riculture (carried enium; health con	downstream a	by rivers)	; exotic species
<b>л 1 XX</b> 7 д 1	20722000		Exour openes				
aarsn wetlands	20/23000	<b>Metals</b> Additional monitoring and asse	ssment needed. Agriculture Urban Runoff/Storm Sewers	Low	66339	Acres	
1	arsh Wetlands	larsh Wetlands 20723000	Selenium         Affected use is one branch of th         contributions from oil refineries         may have made food chain mor         and scoter (diving ducks); low 1         tarsh Wetlands       20723000         Metals	Unknown Nonpoint Source Selenium Affected use is one branch of the food chain; most sensitive indicator contributions from oil refineries (control program in place) and ager may have made food chain more susceptible to accumulation of sele and scoter (diving ducks); low TMDL priority because Individual C Industrial Point Sources Natural Sources Exotic Species larsh Wetlands 20723000 Metals Additional monitoring and assessment needed. Agriculture	Unknown Nonpoint Source         Selenium       Low         Affected use is one branch of the food chain; most sensitive indicator is hatchability contributions from oil refineries (control program in place) and agriculture (carried may have made food chain more susceptible to accumulation of selenium; health com and scoter (diving ducks); low TMDL priority because Individual Control Strategy in Industrial Point Sources         Natural Sources       Natural Sources         Exotic Species       Exotic Species         Metals       20723000         Metals       Low         Additional monitoring and assessment needed.         Agriculture         Urban Runoff/Storm Sewers	Unknown Nonpoint Source         Selenium       Low       27498         Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting div contributions from oil refineries (control program in place) and agriculture (carried downstream may have made food chain more susceptible to accumulation of selenium; health consumption adv and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place. Industrial Point Sources Natural Sources Exotic Species         Iarsh Wetlands       20723000         Metals       Low       66339         Additional monitoring and assessment needed. Agriculture Urban Runoff/Storm Sewers       Additional monitoring Sewers	Selenium       Low       27498       Acres         Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); may have made food chain more susceptible to accumulation of selenium; health consumption advisory in egand scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.         Industrial Point Sources       Natural Sources       Natural Sources         Exotic Species       Low       66339       Acres         Additional monitoring and assessment needed.       Agriculture       Low       66339       Acres

Approved by USEPA: July 2003

### 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENT

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Nutrients		Low	66339 Acres	
			Additional monitoring and asso	essment needed.			
				Agriculture			
				Urban Runoff/Storm Sewers			
			O	Flow Regulation/Modification	T	66339 Acres	
			Organic Enrichment/Low Diss Additional monitoring and asso	••	Low	00559 Acres	
			Additional monitoring and asse	Agriculture			
				Urban Runoff/Storm Sewers			
				Flow Regulation/Modification			
			Salinity/TDS/Chlorides	U	Low	66339 Acres	
			Additional monitoring and ass	essment needed.			
				Agriculture			
				<b>Urban Runoff/Storm Sewers</b>			
				Flow Regulation/Modification			
2 E	Suisun Slough	20723000					
			Diazinon		High	1124 Acres	2004
			This listing was made by USEF				
				Urban Runoff/Storm Sewers			
2 B	Tomales Bay	20114033					
			Mercury		Medium	8545 Acres	
			multiple fish species including	umption and wildlife consumption in striped bass and shark. Major sourd 1g source is erosion and drainage fr	ce is historic: go	old mining sediments an	d local mercury
				Mine Tailings			
			Nutrients		Medium	8545 Acres	
			1 1	rt of ongoing watershed managemen Additional monitoring and assessme	00	ry streams, Lagunitas (	Creek and Walker
				Agriculture			
			Pathogens		High	8545 Acres	2004
			1 1	rt of ongoing watershed managemen Additional monitoring and assessme	00	ry streams, Lagunitas C	Creek and Walker
				Intensive Animal Feeding Oper	rations		
				Septage Disposal			
			Sedimentation/Siltation		Medium	8545 Acres	
			1 1	rt of ongoing watershed managemen Additional monitoring and assessme	00	ry streams, Lagunitas C	reek and Walker
				Agriculture			
				Upstream Impoundment			

July 2003

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Walker Creek	20112013					
				Mercury		Medium	16 Miles	
				Tributary to Tomales Bay. The monitoring and assessment networks.	MDLs will be developed as part eeded.	of evolving watershed n	nanagement effort. Ad	lditional
					Surface Mining			
					Mine Tailings			
				Nutrients		Medium	16 Miles	
				Tributary to Tomales Bay. The monitoring and assessment networks.	MDLs will be developed as part eeded.	of evolving watershed n	nanagement effort. Ad	lditional
					Agriculture			
				Sedimentation/Siltation		Medium	16 Miles	
				Tributary to Tomales Bay. The monitoring and assessment networks	MDLs will be developed as part eeded.	of evolving watershed n	nanagement effort. Ad	lditional
					Agriculture			
2	R	Walnut Creek	20731040					
				Diazinon		High	9 Miles	2004
				This listing was made by USE	EPA.	-		
					Urban Runoff/Storm Sew	vers		
2	R	Wildcat Creek	20660013					
				Diazinon		High	12 Miles	2004
				This listing was made by USE	EPA.	0		
				- · ·	Urban Runoff/Storm Sew	ers		

Approved by USEPA: July 2003

#### SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

		CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
<b>REGION TYPE</b>	NAME	WATERSHED	POLLUTANT/STRESSOR	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION

ABBREVIA	<u>TIONS</u>
REGIONAL WATER QUALITY CONTROL BOARDS	WATER BODY TYPE
1 North Coast	<b>B</b> = <b>Bays and Harbors</b>
2 San Francisco Bay	C = Coastal Shorelines/Beaches
3 Central Coast	E = Estuaries
4 Los Angeles	L = Lakes/Reserviors
5 Central Valley	<b>R</b> = <b>Rivers and Streams</b>
6 Lahontan	S = Saline Lakes
7 Colorado River Basin	T = Wetlands, Tidal
8 Santa Ana	W= Wetlands, Freshwater
9 San Diego	

#### CALWATER WATERSHED

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

#### **GROUP A PESTICIDES OR CHEM A**

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