STATE WATER RESOURCES CONTROL BOARD WORKSHOP SESSION--DIVISION OF WATER QUALITY NOVEMBER 6, 2002

ITEM 3

SUBJECT

CONSIDERATION OF A RESOLUTION TO APPROVE THE 2002 FEDERAL CLEAN WATER ACT SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

DISCUSSION

Section 303(d) of the federal Clean Water Act (CWA) requires the states to identify waters that do not meet applicable water quality standards with certain technology-based controls. Applicable standards include the designated beneficial uses, the adopted water quality objectives, and antidegradation requirements. The list must include a description of the pollutants and a priority ranking of the waters for purposes of development of Total Maximum Daily Loads (TMDLs) (40 CFR 130.7(b)(4)). A TMDL is the maximum load of a pollutant that can be discharged from point and nonpoint sources without exceeding water quality standards in the water body. The states are required to review the CWA section 303(d) list, make changes as necessary, and submit the list to U.S. Environmental Protection Agency (USEPA) for approval every two years. This proposed list would address the 2002 listing process.

The proposed 2002 CWA section 303(d) list is attached. The State Water Resources Control Board (SWRCB) staff recommends a number of additions, deletions, and changes to the CWA section 303(d) list. These recommendations are based upon all existing and readily available data and information. In developing the recommendations, SWRCB staff has used the recommendations and analysis of the Regional Water Quality Control Boards (RWQCBs) as a basis of its analysis. Each recommendation to SWRCB is an independent assessment of each water body and pollutant. SWRCB staff took into account both general considerations (e.g., what factors SWRCB should consider) and facts relating to individual water bodies and pollutants (e.g., how RWQCBs looked at certain data or the significance of a particular water in the Region).

In developing SWRCB staff recommendations, it was assumed that:

- 1. The 1998 CWA section 303(d) list forms the basis for the 2002 list submittal.
- 2. Changes to existing 1998 listings would be considered by SWRCB if a RWQCB recommended changes, if new data or information was available, or if existing data were reevaluated.
- 3. SWRCB would use portions of the USEPA 2002 Integrated Water Quality Monitoring and Assessment Report Guidance as follows:

- a. If there is insufficient available data and information to list, water bodies would be placed on a "Monitoring List."
- b. If water quality standards are not met but the problem will be addressed by another enforceable program, water bodies would be placed on a "Enforceable Programs List."
- c. If water quality standards are not met but a TMDL has been developed for the water body-pollutant combination, the water body-pollutant combination would be placed on the "TMDLs Completed List."

Beginning March 14, 2001, RWQCBs solicited other state agencies, federal agencies, and the public for all readily available data and information to support the update of the CWA section 303(d) list. The solicitation was first closed on May 15, 2001. On May 15, 2002, SWRCB extended the solicitation of data and information until June 15, 2002.

SWRCB staff reviewed RWQCB recommendations and either concurred with the recommendation or identified the reasons for not concurring. SWRCB staff developed fact sheets for each proposal to add water bodies, delete water bodies, and change the CWA section 303(d) list. Even though fact sheets were not prepared for the waters recommended by RWQCBs to be placed on the Monitoring List, the reasons for inclusion of the water on the list is presented. The data and information used to support the placement of these waters on the Monitoring List are described in RWQCB staff reports and the administrative record.

The administrative record and fact sheets contain the rationale for decisions to use or not to use any existing and readily available data and information. SWRCB staff also identified and set priorities for the listed water quality limited segments still requiring TMDLs.

SWRCB staff reviewed each RWQCB proposal on a case-by-case basis. Staff identified and/or assessed the following factors for each water body-pollutant combination: (1) water body name, (2) stressor (pollutant)/medium/beneficial use, (3) assessment of data quality, (4) utility of measure for judging if standards or uses are not attained, (5) water body-specific information, (6) data used to assess water quality, (7) spatial representation, (8) temporal representation, (9) data type, (10) use of standard methods, (11) potential source of pollutant, and (12) availability of an alternative enforceable program.

For each of these factors, SWRCB staff prepared a written description of how RWQCBs addressed the water body. Each recommendation to SWRCB was developed based on the quality of all the data and information available.

SWRCB held a public hearing to receive comments on the proposed 2002 CWA section 303(d) list. The first part of the hearing was held in northern California (on May 23 and 24, 2002), and the second part was held in southern California (May 30, 2002).

organizations. SWRCB staff has responded in writing to all comments received. Many of the comments resulted in changes to the staff report and list recommendations.

POLICY ISSUE

Should SWRCB:

- 1. Approves the 2002 CWA section 303(d) list of water quality limited segments?
- 2. Authorize the Executive Director to transmit the 2002 CWA section 303(d) list of water quality limited segments and other supporting information to USEPA for approval?

FISCAL IMPACT

None.

RWQCB IMPACT

Yes. All RWQCBs.

STAFF RECOMMENDATION

That SWRCB:

- 1. Approves the 2002 CWA section 303(d) list of water quality limited segments.
- 2. Authorize the Executive Director to transmit the 2002 CWA section 303(d) list of water quality limited segments and other supporting information to USEPA for approval.

Policy Review:

Fiscal Review:

Legal Review:

STATE WATER RESOURCES CONTROL BOARD RESOLUTION NO. 2002-

APPROVAL OF THE 2002 FEDERAL CLEAN WATER ACT SECTION 303(D) LIST OF WATER QUALITY LIMITED SEGMENTS

WHEREAS:

- 1. Section 303(d) of the federal Clean Water Act (CWA) requires the State to identify surface waters that do not meet applicable water quality standards with certain technology-based controls.
- 2. The list of waters identified under CWA section 303(d) must also include a description of the pollutants causing impairment and a priority ranking of the waters for purposes of development of Total Maximum Daily Loads (TMDLs).
- 3. The Regional Water Quality Control Boards (RWQCBs) have made recommendations to add, remove, and change the list of water body pollutant combinations on the 1998 CWA section 303(d) list.
- 4. The State Water Resources Control Board (SWRCB) held three days of hearings on the proposed changes.
- SWRCB has received many comments on the proposed 2002 CWA section 303(d) list, responded to all comments received, and has made several changes in response to the comments.
- 6. In developing the 2002 CWA section 303(d) list, SWRCB has considered all readily available data and information.

THEREFORE BE IT RESOLVED THAT:

SWRCB:

- 1. Approves the 2002 CWA section 303(d) list of water quality limited segments.
- 2. Authorizes the Executive Director to transmit the 2002 CWA section 303(d) list of water quality limited segments and other supporting information to the U.S. Environmental Protection Agency for approval.

CERTIFICATION

The undersigned, Clerk to the Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on November 19, 2002.

Maureen Marché Clerk to the Board

DRAFT ESTIMATED PROPOSED TMDI CALWATER POTENTIAL. PRIORITY SIZE AFFECTED COMPLETION REGION TYPE SOURCES WATERSHED R Albion River, Mendocino Coast HU, Albion 11340013 River HA Sedimentation/Siltation High 77 Miles 2003 Silviculture Logging Road Construction/Maintenance Nonpoint Source Americano Creek, Bodega HU, Estero 11530012 Americano HA Nutrients Low 38 Miles Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian Range Grazing-Upland Intensive Animal Feeding Operations Manure Lagoons Dairies Big River, Mendocino Coast HU, Big River 11330043 HA Sedimentation/Siltation High 225 Miles 2003 Silviculture Logging Road Construction/Maintenance Road Construction Disturbed Sites (Land Develop.) Nonpoint Source 225 Miles Temperature Low **Habitat Modification** Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Erosion/Siltation Nonpoint Source R Eel River Delta, Eel River HU, Lower Eel 11111032 River HA Sedimentation/Siltation Medium 426 Miles Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source Temperature Medium 426 Miles Removal of Riparian Vegetation Nonpoint Source

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1	r R	Eel River, Middle Fork, Eel River HU,	11171045	POLLUTANT/STRESSOR*	SOURCES	PRIORITY S	IZE AFFECTED COM	PLETIO
		Middle Fork HA		Sedimentation/Siltation		Medium	1071 Miles	
					Erosion/Siltation			
				Temperature	2.00.0	Medium	1071 Miles	
				•	Removal of Riparian Vegetation	n		
				•	Nonpoint Source			
1	R	Eel River, Middle Main Fork, Eel River HU, Middle Main HA	11141061		· ·			
				Sedimentation/Siltation		Medium	674 Miles	
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Silviculture	Ma		
					Harvesting, Restoration, Residu Logging Road Construction/Ma	=		
					Construction/Land Developmen			
		•			Land Development			
					Hydromodification			
					Habitat Modification			
					Removal of Riparian Vegetatio			
					Streambank Modification/Desta Erosion/Siltation	abilization		
				Temperature		Medium	674 Miles	
		•			Upstream Impoundment			
					Habitat Modification			
					Removal of Riparian Vegetatio			
					Streambank Modification/Desta	ibilization		
					Drainage/Filling Of Wetlands Channel Erosion			
					Erosion/Siltation			
					Upstream Impoundment			
1	R	Eel River, North Fork, Eel River HU, North Fork HA	11150065					
			•	Sedimentation/Siltation		Medium	382 Miles	
					Silviculture			
		•		•	Logging Road Construction/Ma	intenance		
					Erosion/Siltation			
					Nonpoint Source			

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REGIO	N TYPE	NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE ARRECTED.	PROPOSED TMDL COMPLETION
				Temperature		Medium	382 Miles	
					Habitat Modification			
					Removal of Riparian Vegetation	1		
					Streambank Modification/Desta			
					Nonpoint Source			
1	R	Eel River, South Fork, Eel River HU, South Fork HA	11131030					
				Sedimentation/Siltation		Medium	943 Miles	
					Range Grazing-Riparian and/or	r Upland		
		•			Silviculture	•		
					Logging Road Construction/Ma	intenance		
					Resource Extraction			
					Hydromodification			
		·			Flow Regulation/Modification			
					Removal of Riparian Vegetation	n		
		•			Erosion/Siltation			
					Nonpoint Source			
				Temperature		Medium	943 Miles	
					Hydromodification			
					Flow Regulation/Modification			
					Removal of Riparian Vegetation	n		
					Erosion/Siltation			
					Nonpoint Source			
1	R	Eel River, Upper Main HA (Includes Tomki Creek)	11163050					
				Sedimentation/Siltation		Medium	1141 Miles	
					Agriculture-grazing			
					Silviculture			
					Harvesting, Restoration, Residu	ie Management	t	
		•			Logging Road Construction/Ma	intenance		
					Silvicultural Point Sources			
					Construction/Land Developmen			
					Highway/Road/Bridge Construc			
					Removal of Riparian Vegetation			
					Streambank Modification/Desta	bilization	•	
					Erosion/Siltation			

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REG	ION	TYPI	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*		ESTIMATED IZE AFFECTED	PROPOSED TMDL COMPLETION
					Temperature	Medium	1141 Miles	
						Channelization		
						Habitat Modification		
						Removal of Riparian Vegetation		
						Streambank Modification/Destabilization		
						Drainage/Filling Of Wetlands		
						Nonpoint Source		
ESC ALL		R	Elk River, Eureka Plain HU	11000042				# 19 # 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	ı	K	ER River, Eureka Fram 110	11000042	Sedimentation/Siltation	Low	88 Miles	
					Sedimentation/Sutation		00 1411162	
						Silviculture		
						Harvesting, Restoration, Residue Management	•	
						Logging Road Construction/Maintenance		
						Removal of Riparian Vegetation		
						Streambank Modification/Destabilization Erosion/Siltation		
						Natural Sources		
						Nonpoint Source		
GELEVIE						Available of the state of the s		
1	l	E	Estero Americano, Bodega HU, Estero Americano HA	11530012				
					Nutrients	Medium	199 Acres	
						Pasture Grazing-Riparian and/or Upland	·	
					•	Manure Lagoons		
					Sedimentation/Siltation	Low	199 Acres	
			·			Range Grazing-Riparian		
					•	Hydromodification		
						Removal of Riparian Vegetation		
						Streambank Modification/Destabilization	•	
						Erosion/Siltation		
						Nonpoint Source		
(50.3ka)	3 3 8 ° ° °	R	Freshwater Creek, Eureka Plain HU	11000050				
,	•		2.00		Sedimentation/Siltation	Low	84 Miles	
						Silviculture		
						Harvesting, Restoration, Residue Management		
						Logging Road Construction/Maintenance		
						Removal of Riparian Vegetation		
						Streambank Modification/Destabilization		
						Erosion/Siltation		
						Natural Sources		
						Nonpoint Source		

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

REGION	TYPE		CÄLWATER : VATERSHED	POLLUTANT/STRESSOR	POTENTIAL TMDP SOURCES PRIORI			ISED TMDL PLETION
1	R	Garcia River, Mendocino Coast HU	11370026					
				Temperature	Low	154	Miles	
		·			Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization Nonpoint Source	n		
					Nonpoint Source			
1	R	Gualala River, Mendocino Coast HU, Gualala River HA	11385021					
				Sedimentation/Siltation	High	455	Miles	2004
					Specialty Crop Production			
					Silviculture			
					Harvesting, Restoration, Residue Manag			
		•			Logging Road Construction/Maintenanc	e		
					Highway/Road/Bridge Construction Land Development			
					Disturbed Sites (Land Develop.)			
					Erosion/Siltation			
					Nonpoint Source			
				Temperature	Low	455	Miles	
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization	n		
			•		Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			
1	R	Jacoby Creek, Eureka Plain HU	11000013					
				Sediment	Low	19	Miles	
					Silviculture			
				•	Road Construction			
					Land Development			
					Disturbed Sites (Land Develop.)			
					Urban Runoff/Storm Sewers Hydromodification			•
					Channelization			
		•			Removal of Riparian Vegetation			
					Streambank Modification/Destabilization	п		
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Sediment Resuspension			
					Natural Sources			
	and the state of the state of				Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED TIMOL SIZE AFFECTED COMPLETION
1	R	Klamath River, Klamath River HU, Butte Valley HA	10581023				
		valley MA		Nutrients		Medium	265 Miles
				•	Nonpoint Source		
				Temperature		Medium	265 Miles
	•				Nonpoint Source		
1	R	Klamath River, Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	10593011		Control of the Contro		
		•		Nutrients		Medium	601 Miles
					Hydromodification		
					Nonpoint Source		
				Temperature		Medium	601 Miles
					Hydromodification		
		•			Dam Construction		
					Upstream Impoundment		·
					Flow Regulation/Modification	n	
					Water Diversions		
				• •	Agricultural Water Diversion	n	
					Upstream Impoundment		
Name of the	* P7 * * *				Nonpoint Source		
1	R	Klamath River, Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	10591063	•			
			•	Nutrients		Medium	612 Miles
					Agriculture		
					Specialty Crop Production		
					Agriculture-subsurface drain	~	
					Agriculture-irrigation tailwa	iter	
					Agricultural Return Flows		
					Water Diversions		
					Agricultural Water Diversio	n	
					Habitat Modification	41	
					Removal of Riparian Vegeta Drainage/Filling Of Wetland		
		•		•	Natural Sources	13	
				1	Nonpoint Source		
				•	onpoint Source		

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REGION-TYPE : - NAME	CALWATER WATERSHED	POLEUTANT/STRESSOR*	POTENTIAL SOURCES		ESTIMATED SIZE AFFECTION	PROPOSED TMDL COMPLETION
		Temperature		Medium	612 Miles	
			Hydromodification			
			Channelization			
		T.	Flow Regulation/Modification			
•			Water Diversions			
			Agricultural Water Diversion			
			Habitat Modification			
			Removal of Riparian Vegetation	İ		
			Drainage/Filling Of Wetlands			
			Nonpoint Source			
1 R Klamath River, Klamath River HU, Lower HA, Klamath Glen HSA	10511086					
		Nutrients		Medium	609 Miles	
			Industrial Point Sources			
			Major Industrial Point Source			
		•	Minor Industrial Point Source			
			Municipal Point Sources			
			Major Municipal Point Source-o weather discharge	dry and/or wet		
			Minor Municipal Point Source-o weather discharge	dry and/or wet		
	*-		Agriculture		•	
			Irrigated Crop Production			
			Specialty Crop Production			
			Pasture Grazing-Riparian and/o	or Upland		
			Range Grazing-Riparian			
			Intensive Animal Feeding Opera	itions		
			Agriculture-storm runoff			
			Agriculture-subsurface drainage			
			Agriculture-irrigation tailwater			

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REGION TYPE NAME WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL 4 E	STIMATED E AFFECTED.	PROPOSED TMD1: COMPLETION
	Organic Enrichment/Low Dissol	ved Oxygen	Medium	609 Miles	
		Industrial Point Sources			
		Municipal Point Sources			
		Agriculture			·
		Irrigated Crop Production			
		Specialty Crop Production			
		Range Grazing-Riparian			
		Agriculture-storm runoff			
		Agriculture-subsurface drainage			
,		Agriculture-irrigation tailwater			•
		Agriculture-animal			
		Upstream Impoundment			
•		Flow Regulation/Modification			
		Upstream Impoundment			
	Temperature	Out-of-state source	Medium	609 Miles	
	t emperature		Median	009 Wiles	
		Hydromodification			
		Dam Construction			
		Upstream Impoundment Flow Regulation/Modification			
		Water Diversions			
		Habitat Modification			
		Removal of Riparian Vegetation			
		Channel Erosion			
		Upstream Impoundment			
1 R Klamath River, Klamath River HU, Middle 10535053 HA, Iron Gate Dam to Scott River					
,	Nutrients		Medium	548 Miles	
		Out-of-state source			
		Nonpoint/Point Source			
	Organic Enrichment/Low Dissol	-	Medium	548 Miles	
•		Out-of-state source			
		Nonpoint/Point Source	Medium	548 Miles	
	Temperature	**	tyreatain .	540 Miles	
	·	Hydromodification			
		Upstream Impoundment			
		Flow Regulation/Modification			
		Habitat Modification			
		Removal of Riparian Vegetation Upstream Impoundment			
		Nonpoint Source		•	
		Nonpoint Source			

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REGIO	N-TYPE	NAME	GALWATER WATERSHED POLLUTANT/SIERESSOR*	POTENTIAL SOURCES	ŤŇĎĽ; PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River, Klamath River HU, Middle HA, Oregon to Iron Gate	10537022				
			Nutrients		Medium	129 Miles	
				Industrial Point Sources Municipal Point Sources Agriculture Specialty Crop Production Agricultural Return Flows Internal Nutrient Cycling (prim	arily lakes)		
				Natural Sources Nonpoint Source			
			Organic Enrichment/Low Disso	-	Medium	129 Miles	
				Industrial Point Sources Municipal Point Sources Agriculture Irrigated Crop Production Specialty Crop Production Range Grazing-Riparian and/or Agriculture-storm runoff Agriculture-subsurface drainag Agriculture-irrigation tailwater Agriculture-animal Upstream Impoundment Flow Regulation/Modification Upstream Impoundment Out-of-state source	ę		
			Temperature		Medium	129 Miles	
				Hydromodification Upstream Impoundment Flow Regulation/Modification Upstream Impoundment Nonpoint Source			

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CALWATER POTENTIAL TMDL ESTIMATED PROPOSED TMDL

REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION

R Klamath River, Klamath River HU, Middle HA, Scott River to Trinity River

10512050

Nutrients Medium 1389 Miles Industrial Point Sources **Municipal Point Sources** Agriculture Agriculture-storm runoff Agriculture-irrigation tailwater Wastewater - land disposal Upstream Impoundment **Natural Sources** Upstream Impoundment Nonpoint Source Out-of-state source Organic Enrichment/Low Dissolved Oxygen Medium 1389 Miles **Industrial Point Sources Municipal Point Sources** Combined Sewer Overflow Agriculture Agriculture-storm runoff Agriculture-irrigation tailwater Upstream Impoundment Flow Regulation/Modification Upstream Impoundment Out-of-state source Medium 1389 Miles Temperature Hydromodification Channelization **Dam Construction** Upstream Impoundment Flow Regulation/Modification Water Diversions **Habitat Modification** Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands

Natural Sources
Upstream Impoundment
Nonpoint Source

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REGION	TYP	NAME:	CALWATER WATERSHED	POLLUTANI/STRESSOR*	POTENTIAL. SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River, Klamath River HU, Salmon River HA	10521034					
				Nutrients		Medium	871 Miles	
					Unknown Nonpoint Source			
				Temperature	•	Medium	871 Miles	
					Removal of Riparian Vegetatio	n		
					Unknown Nonpoint Source			
1	R	Laguna de Santa Rosa, Russian River HU, Middle Russian River HA	11421020					
				Sedimentation/Siltation	•	Low	96 Miles	
				Entire Russian River watershed	I (including Laguna de Santa Rosa) Road Construction Land Development Disturbed Sites (Land Develop Urban Runoff/Storm Sewers Other Urban Runoff Highway/Road/Bridge Runoff Hydromodification Channelization Removal of Riparian Vegetatio Streambank Modification/Dest Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Erosion From Derelict Land Highway Maintenance and Ru Nonpoint Source	on abilization	imentation.	
				Temperature		Low	96 Miles	
				Entire Russian River watershed	I (including Laguna de Santa Rosa) Hydromodification Upstream Impoundment Removal of Riparian Vegetatio Streambank Modification/Dest Upstream Impoundment Nonpoint Source	o n	perature.	
1	L	Lake Pillsbury (Eel River HU, Upper Main HA, Lake Pillsbury HSA)	11163051	M		T _ ·	1072	
				Mercury	Notarral Course	Low	1973 Acres	
C-400-001030057					Natural Sources			

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a d a								DR
ION	TYPE	NAME		POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL		OPOSED-TI
K L	4-/2 2004.7 100	C. C. COROLI, C. C. COROLINE, C.		MANUFACTION CONTRACTOR OF THE PROPERTY OF THE	N. SOURCES!	EKOOKITI IŽA	SIZE AFFECTED C	OMPLETIO
	R	Mad River, Mad River HU	10910011	0 - 1:		Ŧ		
				Sedimentation/Siltation		Low	654 Miles	
					Silviculture			
					Resource Extraction			
					Nonpoint Source			
		,		Temperature		Low	654 Miles	
		·			Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
		•			Removal of Riparian Vegetation			
					Upstream Impoundment			
	,				Nonpoint Source			
	•				Unknown Nonpoint Source			
				Turbidity		Low	654 Miles	
					Silviculture			
					Resource Extraction			
					Nonpoint Source			
		Maria Biran Caran San San San San San San San San San S	11220072			*:		P.C. 2. 14.8498.7
	R	Mattole River, Cape Mendocino HU, Mattole River HA	11230072					
				Sedimentation/Siltation		High	503 Miles	2004
					Specialty Crop Production			
					Range Grazing-Riparian and/or	Upland		
			•		Range Grazing-Riparian			
					Silviculture			
					Road Construction			
					Hydromodification			•
					Habitat Modification			
				•	Removal of Riparian Vegetation			
					Streambank Modification/Destab	ilization		
					Erosion/Siltation			
					Natural Sources			
				Temperature		High	503 Miles	2004
					Range Grazing-Riparian and/or	Upland		
					Silviculture			
					Road Construction			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Natural Sources			
					Nonpoint Source			

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REGIO	N TYPI	. NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMA SIZE AFFE		ROPOSED FMDL COMPLETION
1	E	Navarro River Delta, Mendocino Coast HU, Navarro River HA	11350077						
				Sedimentation/Siltation		, High	48	Acres	2004
					Erosion/Siltation				
1	R	Navarro River, Mendocino Coast HU	11350077						
				Sedimentation/Siltation		High	415	Miles	2004
					Agriculture				
					Nonirrigated Crop Production				
					Irrigated Crop Production				
					Specialty Crop Production				
					Range Grazing-Riparian and/o	r Upland			
					Range Grazing-Riparian				
					Range Grazing-Upland				
					Agriculture-grazing				
					Silviculture				
					Harvesting, Restoration, Residu	ue Management	t		
					Logging Road Construction/Ma	aintenance			
					Silvicultural Point Sources				
					Construction/Land Developmen				
				•	Highway/Road/Bridge Constru	ction			
					Land Development				
					Disturbed Sites (Land Develop.)			
					Resource Extraction				,
					Flow Regulation/Modification				
					Water Diversions				
					Habitat Modification				
	•				Removal of Riparian Vegetation		•		
					Streambank Modification/Desta	ADIRZATION			
					Drainage/Filling Of Wetlands Channel Erosion				
					Erosion/Siltation				
					Nonpoint Source				
					Tronpoint Source				

October 15, 2002 DRAFT

REGIO	n TYPI	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY		OPOSED TMDL OMPLETION
				Temperature		High	415 Miles	2004
					Agriculture			
		•			Agricultural Return Flows			
					Resource Extraction			
					Flow Regulation/Modification	· ·		
					Water Diversions Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destab	ilization	•	
					Drainage/Filling Of Wetlands	Mization		
					Nonpoint Source			
1	R	Noyo River, Mendocino Coast HU, Noyo River HA	11320010					
				Sedimentation/Siltation		High	144 Miles	2003
•					Silviculture			•
•					Nonpoint Source			
1	R	Redwood Creek, Redwood Creek HU	10710020					
				Sedimentation/Siltation		Medium	332 Miles	•
					Range Grazing-Riparian			
-					Silviculture			
		•			Harvesting, Restoration, Residue	_		
					Logging Road Construction/Mai			•
					Construction/Land Development	•		
		•			Disturbed Sites (Land Develop.) Removal of Riparian Vegetation			
					Streambank Modification/Destab	nilization		
					Erosion/Siltation	A LIZACION		
					Natural Sources			
				Temperature		Low	332 Miles	
					Logging Road Construction/Mai	ntenance	•	
					Removal of Riparian Vegetation			
					Streambank Modification/Destab	oilization		
					Erosion/Siltation			
					Natural Sources			
	**************************************				Nonpoint Source			

October 15, 2002 DRAFT

REGIO	N TYPI	NAME .	CALWATER WATERSHED	ROLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL*** PRIORITY	ESTIMATED PROPOSED IMDI- SIZE AFFECTED COMPLETION
1	R	Russian River, Russian River HU, Lower Russian River HA, Austin Creek HSA	11412013			-	
		•		Sedimentation/Siltation		Medium	81 Miles
					Silviculture		·
					Construction/Land Development		
		•			Disturbed Sites (Land Develop.)		
		•			Dam Construction		·•
					Flow Regulation/Modification		
		*			Erosion/Siltation		
				Temperature		Low	81 Miles
					Hydromodification		
					Flow Regulation/Modification		
					Habitat Modification		
					Removal of Riparian Vegetation		
	es a superior de l'anne				Nonpoint Source		
1	R	Russian River, Russian River HU, Lower Russian River HA, Guerneville HSA	11411041				

Pathogens

Low

195 Miles

Listing covers only the Monte Rio area of this watershed from the confluence of Dutch Bill Creek to the confluence of Fife Creek and Healdsburg Memorial Beach from the Hwy 101 crossing to the railroad crossing upstream of the Beach.

Nonpoint/Point Source

October 15, 2002

REGION TYPE NAME	CALWATER WATERSHED POLLUTANT/STRESSOR*	POTENTIAL TMDL SOURCES PRIORITY	ESTIMATED PROPOSED TMDL. SIZE AFFECTED COMPLETION
	Sedimentation/Siltation	Medium	195 Miles
		Agriculture	
		Irrigated Crop Production	
		Specialty Crop Production	
		Agriculture-storm runoff	
	·	Agriculture-grazing	
		Silviculture	
•	•	Construction/Land Development	
		Highway/Road/Bridge Construction	
		Land Development	
		Hydromodification	
		Channelization	
		Dam Construction	
		Upstream Impoundment	
		Flow Regulation/Modification	
•		Habitat Modification	•
		Removal of Riparian Vegetation	
		Streambank Modification/Destabilization	
		Drainage/Filling Of Wetlands	
		Channel Erosion	
		Erosion/Siltation	
		Upstream Impoundment	
	Temperature	Low	195 Miles
		Hydromodification	
		Upstream Impoundment	
		Flow Regulation/Modification	
		Habitat Modification	
		Removal of Riparian Vegetation	
		Streambank Modification/Destabilization	
		Upstream Impoundment	
		Nonpoint Source	
1 R Russian River, Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA	11426023	342 7 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
	Sedimentation/Siltation	Medium	85 Miles
		Geothermal Development	
		Erosion/Siltation	·
		Nonpoint Source	
	Temperature	Low	85 Miles
	remperature		os mines
		Flow Regulation/Modification	
		Habitat Modification Removal of Riparian Vegetation	
•			
•		Nonpoint Source	

October 15, 2002

REGIO	N TYP	e NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMĎĽ PRIORITY,		PROPOSED FMDL, COMPLETION
1	R	Russian River, Russian River HU, Middle Russian River HA, Dry Creek HSA	11424034	reconnection of the second				
				Sedimentation/Siltation		Medium	255 Miles	
		•			Agriculture			
					Agriculture-storm runoff			
					Silviculture			
•					Logging Road Construction/M			
					Construction/Land Developme			
				·	Highway/Road/Bridge Constru			
					Disturbed Sites (Land Develop Hydromodification	.)		
		•			Channelization			
					Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
		·			Removal of Riparian Vegetation	on		
					Streambank Modification/Dest	tabilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion			
		,			Erosion/Siltation			
					Upstream Impoundment			
		•		Temperature	Nonpoint Source	Low	255 Miles	
		•		t emperature	W. J 4:C - 4:c -	Low	255 Wiles	
					Hydromodification Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	on		
					Streambank Modification/Dest			
					Upstream Impoundment			
					Nonpoint Source			
E3.835	2.1.5.2.2.8.5				Nonpoint Source			

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** *****	en e	SCALWATER	POTENTIAL:	TMDL	ESTIMATED.	PROPOSED_TMDL
REGION TY	PE NAME	WATERSHED POLLUTANT/STRESSOR*	SOURCES I	RIORITY	SIZE AFFECTED	COMPLETION
1 R	Russian River, Russian River HU, Middle Russian River HA, Geyserville HSA	11425032				
		Sedimentation/Siltation		Medium	243 Miles	
			Agriculture			
			Nonirrigated Crop Production			
			Irrigated Crop Production			
			Specialty Crop Production			
			Range Grazing-Riparian			
			Range Grazing-Upland		•	
		•	Agriculture-storm runoff			
			Agriculture-grazing			
		·	Silviculture			•
			Construction/Land Development			
			Geothermal Development			
			Disturbed Sites (Land Develop.)			
			Surface Runoff			
			Resource Extraction			
		•	Channelization			
			Bridge Construction			
			Removal of Riparian Vegetation			
			Streambank Modification/Destab	ilization		
			Drainage/Filling Of Wetlands		•	
			Channel Erosion			
	•		Erosion/Siltation			
			Natural Sources			
		T	Nonpoint Source	I	243 Miles	
		Temperature		Low	243 ivilles	
•			Flow Regulation/Modification			
			Habitat Modification			
			Removal of Riparian Vegetation			
			Nonpoint Source			

October 15, 2002

			C	DRAFT
		CADWATER	POTENTIAL TMDL	ESTIMATED PROPOSED TMDL
REGION TYPE	NAME	WATERSHED POLEUTANT/STRESSOR*		SIZE AFFECTED COMPLETION:
1 R	Russian River, Russian River HU, Middle Russian River HA, Mark West Creek HSA	11423021		
		Sedimentation/Siltation	Medium	99 Miles
			Agriculture	•
			Irrigated Crop Production	
			Specialty Crop Production	
			Range Grazing-Riparian and/or Upland	
			Range Grazing-Riparian	
•			Intensive Animal Feeding Operations	
		·	Agriculture-storm runoff	
		·	Agriculture-grazing	
			Silviculture	
			Harvesting, Restoration, Residue Management	
			Construction/Land Development	
			Highway/Road/Bridge Construction	
			Land Development	
			Disturbed Sites (Land Develop.) Other Urban Runoff	
			Surface Runoff	
			Removal of Riparian Vegetation	
•		·	Streambank Modification/Destabilization	
			Drainage/Filling Of Wetlands	
			Channel Erosion	
			Erosion/Siltation	
		Temperature	Low	99 Miles
			Hydromodification	
			Upstream Impoundment	
			Flow Regulation/Modification	
			Habitat Modification	
			Removal of Riparian Vegetation	
			Streambank Modification/Destabilization	
			Upstream Impoundment	

Nonpoint Source

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GION_TYP	E NÂME	ACALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL. PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TN COMPLETION
1 R	Russian River, Russian River HU, Upper Russian River HA, Coyote Valley HSA	11432060	A CONTRACT OF STATEMENT OF STAT			Samuel Marketing (In Samuel 1999) Shirt Samuel Samuel	
			Sedimentation/Siltation		Medium	171 Miles	
	•			Agriculture			
				Silviculture			
				Construction/Land Devel	opment		
				Hydromodification	-		
				Channelization			
				Dam Construction			
				Flow Regulation/Modific	ation		
			·	Bridge Construction			
				Habitat Modification			
				Removal of Riparian Veg	•		
				Streambank Modification			
				Drainage/Filling Of Wetl	ands		
				Channel Erosion			
	•	·	Temperature	Erosion/Siltation	Law	171 Miles	
	·		temperature		Low	171 Willes	
				Hydromodification			
				Upstream Impoundment	-4!		
				Flow Regulation/Modifice Habitat Modification	ation		
				Removal of Riparian Veg	retation		
				Streambank Modification			
				Upstream Impoundment			
				Nonpoint Source			
1 R	Russian River, Russian River HU, Upper Russian River HA, Forsythe Creek HSA	11433040			C. Y. C. C. ARK. A. H. G.C. ARK D. CHAO. ARK.		
	•		Sedimentation/Siltation		Medium	122 Miles	
-	·			Erosion/Siltation			
				Nonpoint Source			
			Temperature		Low	122 Miles	
				Hydromodification			
				Upstream Impoundment			
				Flow Regulation/Modification	ation		
	•	,		Habitat Modification			
				Removal of Riparian Veg	etation		
				Streambank Modification	ı/Destabilization		
•				Upstream Impoundment			
				Nonpoint Source			

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		·						Ditri, i
REGION	TYPI	NAME	CAUWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PR SIZE AFFECTED C	
1	R	Russian River, Russian River HU, Uppe Russian River HA, Ukiah HSA	er 11431071	an a martine de la companya de la filia de la companya de la companya de la companya de la companya de la comp	Allenter 2004-157 , 5° , and the Allenter Articles of the Control	manus me and Tilling	guaren eta esperioren erroren eta erroren eta	
		and any order and a		Sedimentation/Siltation		Medium	460 Miles	
					Agriculture			
					Silviculture			
				•	Construction/Land Development			
					Resource Extraction			
					Habitat Modification			
•					Removal of Riparian Vegetation			
					Streambank Modification/Destab	oilization		
					Drainage/Filling Of Wetlands			
		•			Channel Erosion			
					Erosion/Siltation			
					Highway Maintenance and Runo	ff		
					Natural Sources			
				Temperature		Low	460 Miles	
					Hydromodification			
				•	Upstream Impoundment			•
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
				•	Streambank Modification/Destab	oilization		
					Upstream Impoundment			
					Nonpoint Source			
1	R	Santa Rosa Creek, Russian River HU, Middle Russian River HA	11422013	-				
		·		Pathogens		Low	87 Miles	
					Nonpoint Source			
					Point Source			

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CALWATER POTENTIAL TMDL ESTIMATED PROPOSED TMDL REGION TYPE - NAME WATERSHED POLLUTANT/STRESSOR'S SOURCES PRIORITY SIZE AFFECTED. COMPLETION

Sedimentation/Siltation

Low

87 Miles

Entire Russian River watershed (including Santa Rosa Creek) is listed for sedimentation.

Agriculture

Nonirrigated Crop Production Irrigated Crop Production Specialty Crop Production

Pasture Grazing-Riparian and/or Upland

Range Grazing-Riparian Range Grazing-Upland

Dairies

Construction/Land Development Highway/Road/Bridge Construction

Land Development

Urban Runoff/Storm Sewers

Urban Runoff-Non-industrial Permitted

Other Urban Runoff Surface Runoff Hydromodification

Channelization

Bridge Construction Habitat Modification

Removal of Riparian Vegetation

Streambank Modification/Destabilization

Drainage/Filling Of Wetlands

Channel Erosion Erosion/Siltation Natural Sources Nonpoint Source

Temperature

Low

87 Miles

Entire Russian River watershed (including Santa Rosa Creek) is listed for temperature.

Hydromodification
Upstream Impoundment
Removal of Riparian Vegetation
Streambank Modification/Destabilization
Upstream Impoundment

Nonpoint Source

						2.00	DRAFI
REGION	TYPI		CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED TMDL SIZEAFFECTED COMPLETION
1	R	Scott River, Klamath River HU, Scott River HA	10541035				
				Sedimentation/Siltation		Medium	902 Miles
					Irrigated Crop Production		
					Pasture Grazing-Riparian and/o	or Upland	
					Silviculture		
	•				Resource Extraction		
					Mill Tailings		
					Natural Sources		
		•		Tomponatura	Nonpoint Source	Medium	902 Miles
				Temperature	T. J. A. J. C	Medidiff	702 Miles
					Irrigated Crop Production	an Timbond	
					Pasture Grazing-Riparian and/o Agricultural Return Flows	or Opiano	
					Silviculture		
					Flow Regulation/Modification		
					Water Diversions		
					Habitat Modification		
					Removal of Riparian Vegetation	1	
					Streambank Modification/Desta	bilization	
					Drainage/Filling Of Wetlands		
					Other		
BY SERVICE SERVICE	Les de Sil				Nonpoint Source		
1	R	Shasta River, Klamath River HU, Shasta River HA	10550001				
				Organic Enrichment/Low Disse	olved Oxygen	Medium	630 Miles
					Minor Municipal Point Source-o weather discharge	dry and/or wet	
					Agriculture-storm runoff		
					Agriculture-irrigation tailwater		
					Dairies		
					Hydromodification		
					Dam Construction Flow Regulation/Modification		
					Habitat Modification	•	
				Temperature	Zano-sat maddinentidii	Medium	630 Miles
				•	Agriculture-irrigation tailwater		
					Flow Regulation/Modification		•
					Habitat Modification		
					Removal of Riparian Vegetation	1	
					Drainage/Filling Of Wetlands		
	e de la companya de		255-86		The second secon		

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	Marian . W.	A CHARLET BY THE STATE OF THE S	With all resemble to a settler of the control of th	AND THE RESERVE OF THE PROPERTY OF THE PROPERT	on the control of the	community starts in an issue . The act analysis			DRAFT
REGION	ŢŸPI	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY S	ESTIMAT IZE AFFE	ED PR CTED C	OPOSED TMDL. OMPLETION
1	R	Stemple Creek/Estero do San Antonio, Bodega HU, Estero de San Antonio HA	11540010						
				Nutrients		Low	61	Miles	•
				This pollutant was relisted for ti	iis water body by USEPA in 1998	ļ.			
					Agriculture				
					Irrigated Crop Production				
					Pasture Grazing-Riparian and	d/or Upland			
					Range Grazing-Riparian				
					Intensive Animal Feeding Ope				
					Concentrated Animal Feeding (permitted, point source)	Operations			
					Agriculture-storm runoff				
					Land Development				
					Hydromodification				
					Channelization				
					Removal of Riparian Vegetati	on			
					Streambank Modification/Des				
					Drainage/Filling Of Wetlands				
					Channel Erosion				
					Natural Sources	•			
				Sediment		Low	61	Miles	
					Agriculture				
					Grazing-Related Sources				
					Land Development				
					Erosion/Siltation				
					Nonpoint Source				
1	R	Ten Mile River, Mendocino Coast HU, Roclport HA, Ten Mile River HSA	11313045						
		•		Sedimentation/Siltation		High	162	Miles	2003
					Silviculture				
					Harvesting, Restoration, Resid	due Management			
					Logging Road Construction/M	•			
				Temperature		Low	162	Miles	
`					Habitat Modification				
					Removal of Riparian Vegetati	on			
					Streambank Modification/Des	tabilization			
					Nonpoint Source				
	A\$1.753						806 C - 17 C	VC 25 11 7'	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL		ESTIMATED - P SIZE AFFECTED	
1	R	Trinity River, East Fork, Trinity River HU, Upper HA	10640030					
				Sedimentation/Siltation		Medium	92 Miles	
					Silviculture			
					Harvesting, Restoration, Resid	ue Management		
					Logging Road Construction/M	aintenance		
					Resource Extraction			
					Surface Mining			
					Placer Mining			
					Mine Tailings			
					Hydromodification			
					Dam Construction			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Dest	abilization		
	•				Channel Erosion			
			•	•	Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
1	R	Trinity River, South Fork, Trinity River HU, South Fork HA	10621035					
				Sedimentation/Siltation		Medium	1161 Miles	•
					Range Grazing-Riparian			
					Silviculture			
					Nonpoint Source			
				Temperature		Low	1161 Miles	
					Range Grazing-Riparian			
					Water Diversions			
					Habitat Modification			
				•	Removal of Riparian Vegetatio	on		
					Streambank Modification/Dest	abilization		

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			THE THREE 2 A MANAGEMENT	and the second state of th		The second of the second		DKF
			CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED_TM
GION	TYPI	NAME	WATERSHED	POLLUTANT/STRESSOR*	ー SOURCES ・・・・	PRIORITY	IZE AFFECTED	COMPLETION
1	R	Trinity River, Trinity River HU, Lower Trinity HA	10611034					
		Trunky HA		Sedimentation/Siltation		Medium	1256 Miles	
					C:1-:14	Wicaram	1250 1111165	
					Silviculture	J M		•
					Harvesting, Restoration, Resi	-		
					Logging Road Construction/N Silvicultural Point Sources	viaintenance		
					Resource Extraction			
					Surface Mining			
					Mine Tailings			
					Hydromodification			
				_	Dam Construction			
				•	Flow Regulation/Modification	n		
					Habitat Modification	ı.		
					Removal of Riparian Vegetat	ion		•
					Streambank Modification/De			
					Drainage/Filling Of Wetlands			
					Channel Erosion	•		•
					Erosion/Siltation			
			•		Natural Sources			
					Upstream Impoundment			
1	R	Trinity River, Trinity River HU, Middle HA	10631021					
1	K	Trinty River, Trinty River 110, Windie 11A		Sedimentation/Siltation		Medium	331 Miles	
					Silviculture			
			-	e.	Harvesting, Restoration, Resi	due Management		
					Logging Road Construction/N			
					Silvicultural Point Sources			
					Resource Extraction			
					Placer Mining			
					Mine Tailings			
					Hydromodification			
					Dam Construction			·
					Flow Regulation/Modification	n		
					Streambank Modification/De	stabilization		
					Channel Erosion			
					Erosion/Siltation			
					Upstream Impoundment			

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REGION	TYPE	NAMÉ .	CALWATER WATERSHED	POLICUTANUSTRESSOR*	POTENTIAL SOURCES	FMDL # PRIORITY	ESTIMA SIZE AFFE		PROPOSED TMDL COMPLETION
1	R	Trinity River, Trinity River HU, Upper HA	10640003					-	
				Sedimentation/Siltation		Medium	570	Miles	
					Silviculture	•			
				-	Harvesting, Restoration, Resi	due Management			
					Logging Road Construction/N				
					Resource Extraction				
					Surface Mining				
			•		Placer Mining				•
					Mine Tailings				
					Hydromodification				
					Dam Construction	-			
					Flow Regulation/Modification	1			
					Habitat Modification				
		•			Removal of Riparian Vegetati				
					Streambank Modification/Des	stabilization			
					Channel Erosion Erosion/Siltation				
					Natural Sources				
					Nonpoint Source				
				CONTRACTOR OF THE STATE OF THE	Tromponic Source				
1	L	Tule Lake and Lower Klamath Lake National Wildlife Refuge (Klamath River HU)	10591020						
		•		pH (high)		Low	26998	Acres	
					Internal Nutrient Cycling (pr	imarily lakes)			
				reverse to the second s	Nonpoint Source		-	New York	
1	R	Van Duzen River, Eel River HU, Van Duzen River HA	11121012						
		NYC IIA		Sedimentation/Siltation		Medium	585	Miles	
					Range Grazing-Riparian				
					Range Grazing-Upland				
					Silviculture				
					Harvesting, Restoration, Resi	due Management			
					Logging Road Construction/N	Aaintenance			
					Silvicultural Point Sources				
					Construction/Land Developm	ent			
		·			Habitat Modification				
					Removal of Riparian Vegetati			÷	
					Streambank Modification/Des	stabilization			
					Channel Erosion		•		
					Erosion/Siltation Natural Sources				

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REGIO	ŢŢP	E NAME	CALWATTER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY		OPOSED TMDE
2	R	Alameda Creek	20430051			COMPANY TO THE PARK ASSESSMENT	The second secon	COM SCHOOL OF THE PROPERTY OF
				Diazinon		High	51 Miles	2004
				This listing was made by USEPA.				
CALLERY CONTRA			700 E 26 ST		Urban Runoff/Storm Sewers			X = 2 Y = 2.20 E.S.
2	R	Alamitos Creek	20540041					
				Mercury	of the Sente Claus Beste Water	Medium	7.1 Miles	
				TMDL will be developed as part assessment is needed.	oj ine sama Ciara basin watersh	еа мападетет .	іпшанче. Адашопаі топі	toring ana
					Mine Tailings			•
2	R	Arroyo Corte Madera Del Presidio	20320020					
		•		Diazinon		High	4 Miles	2004
				This listing was made by USEPA.				
	-N-1-1-0		one Robert School and the control of		Urban Runoff/Storm Sewers			
2	R	Arroyo De La Laguna	20430084					
				Diazinon		High	7.4 Miles	2004
				This listing was made by USEPA.				
CT-10=-2					Urban Runoff/Storm Sewers			
2	R	Arroyo Del Valle	20430023	Dt. d.		*** 1	24 35"	2004
		•		Diazinon This listing was made by USEPA.		High	31 Miles	2004
				This listing was made by Obel A.	Urban Runoff/Storm Sewers			
1223847232 2	R	Arroyo Las Positas	20430080					
2	K	Alloyo Las Fositas	20450000	Diazinon		High	14 Miles	2004
					Urban Runoff/Storm Sewers	9		
EERE	u i		20420082			razozet e e e e e e e e e e e e e e e e e e		***************************************
2	R	Arroyo Mocho	20430080	Diazinon		High	34 Miles	2004
				DIALMON	Urban Runoff/Storm Sewers	6	, or mines	2001
	WW		20240024		TABLE TO THE TABLE			en e
2	R	Butano Creek	20240031	Sedimentation/Siltation		Medium	3.6 Miles	
				Impairment to steelhead habitat.		ITACUIUIII	J.O Miles	
				-	Nonpoint Source			
2	R	Calabazas Creek	20640012					
_				Diazinon		High	4.7 Miles	2004
				This listing was made by USEPA.				
	14 40 - 100 - 00				Urban Runoff/Storm Sewers			

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								DRAFI
REGIO	N TYPI	NAME	CADWÂTER WATERSHED	POLICUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED P SIZE AFFECTED	ROPOSED TMDE COMPLETION
2	L	Calero Reservoir	20540031					
-	_	341010 1100011011		Mercury		Medium	334 Acres	•
				•	part of the Santa Clara Basin Wa	tershed Management I		nitoring and
				assessment is needed.	,			
					Surface Mining			
					Mine Tailings			
2	E	Carquinez Strait	20710020					ista de la companya
_	_	0 a. q a 2 a		Chlordane		Medium	5657 Acres	
				This listing was made by US	SEPA.			
				g,	Nonpoint Source			
				DDT	•	Medium	5657 Acres	
				,	Nonpoint Source		•	
				Diazinon	Nonpoint Source	Medium	5657 Acres	
					column toxicity. Two patterns: p			dtural
-					rd pulse from residential land use	_		
				early summer. Chlorpyrifos	s may also be the cause of toxicity	; more data needed, ho	wever.	
					Nonpoint Source			
				Dieldrin		Medium	5657 Acres	
				This listing was made by US	SEPA.			
					Nonpoint Source			
				Dioxin Compounds		Low	5657 Acres	
					: 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD DD, and OCDD. This listing was i		,2,3,6,7,8-HxCDD, 1,2,	3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		Medium	5657 Acres	
				Disrupt natural benthos; ch	ange pollutant availability in food	d chain; disrupt food av	ailability to native spec	ries.
					Ballast Water	_	******	
				Furan Compounds		Low	5657 Acres	
					2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, F, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,			
				•	Atmospheric Deposition			
				Mercury		High	5657 Acres	2002
					onsumption and wildlife consump y mining; most significant ongoin; s from point sources.			
					Industrial Point Sources			
					Municipal Point Sources			<i>p</i>
		•		•	Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

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GION TYPE		ALWATER ATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY S	ESTIMA ZE AFFI	TED PRO	POSED TI MPLETIO
			PCBs		High		Acres	2004
			This listing covers non dioxin-l concentration data.	ike PCBs.Interim health advisory fo	r fish; uncertainty r	egarding	water column	
			•	Unknown Nonpoint Source				
			PCBs (dioxin-like)		Low	5657	Acres	
			(169), 2,3,3,4,4-PeCB (105), 2,	ınds are 3,4,4,5-TCB (81), 3,3,3,3-1 3,4,4,5-PeCB (114), 2,3,4,4,5-PeCE 4,5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	3 (118), 2,3,4,4,5-Pe	CB (123),	2,3,3,4,4,5-Hx	
				Unknown Nonpoint Source				
		*	Selenium ·		Low		Acres	
			contributions from oil refinerie species may have made food ch	ne food chain; most sensitive indicates (control program in place) and again more susceptible to accumulations); low TMDL priority because In Industrial Point Sources Agriculture	riculture (carried d on of selenium; head	lownstream Ith consum	n by rivers); exc ption advisory	otic
2 E Ca	stro Cove, Richmond (San Pablo Basin)	20660014						2
Z E Ca	Stro Cove, Alchinolid (San Tablo Dasin)	20000014	Dieldrin (sediment)		Low	71	Acres	
			(Urban Runoff/Storm Sewers				
				Point Source				
			Mercury (sediment)	t ome source	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				
	ntral Basin, San Francisco (part of SF	20440010						
Ва	y, Central)		Chlordane		Medium	40	Acres	
			This listing was made by USEF	24	Mediani	70	Acres	
			This houng was made by Cobi	Nonpoint Source				
			DDT	· · · · · · · · · · · · · · · · · · ·	Medium	40	Acres	
			This listing was made by USEP	<i>M</i> .				
			-	Nonpoint Source				
			Diazinon		Medium	40	Acres	
			application in late winter and p	lumn toxicity. Two patterns: pulses oulse from residential land use area ny also be the cause of toxicity; mor Nonpoint Source	s linked to homeowi	ier pestici		

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

Dieldrin Medium 40 Acres

This listing was made by USEPA.

Nonpoint Source

Dioxin Compounds

Low

40 Acres

The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,4,6,7,8-HxCDD, and OCDD. This listing was made by USEPA.

Atmospheric Deposition

Exotic Species

Medium

40 Acres

Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.

Ballast Water

Furan Compounds

Low

40 Acres

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, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.

Atmospheric Deposition

Mercury

High

40 Acres

2002

Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. 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
Minor Industrial Point Source
Municipal Point Sources
Resource Extraction
Atmospheric Deposition
Natural Sources

PAHs (sediment)

Low

40 Acres

Urban Runoff/Storm Sewers

Nonpoint Source

Point Source

PCBs

High

40 Acres

2004

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

Unknown Nonpoint Source

PCBs (dioxin-like)

Low

40 Acres

The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (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), 2,3,3,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5-FeCB (189). This listing was made by USEPA.

Unknown Nonpoint Source

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		T. V.		Selenium		Low	40 Acres	
				Affected use is one branch of the contributions from oil refineries species may have made food cha	food chain; most sensitive indicate (control program in place) and ag- in more susceptible to accumulatio ks); low TMDL priority because In- Industrial Point Sources Agriculture Natural Sources	or is hatchability riculture (carried on of selenium; he	in nesting diving birds, s downstream by rivers); alth consumption adviso	exotic
	*****	NA. C. O. C.			Exotic Species			· · · · · · · · · · · · · · · · · · ·
2	R	Corte Madera Creek	20320011	te garage de la companya de la comp				#1. (to
				Diaziṇon		High	4.1 Miles	2004
				This listing was made by USEPA				
					Urban Runoff/Storm Sewers			e :
2	R	Coyote Creek (Marin County)	20320020					
				Diazinon		High	2.6 Miles	2004
				This listing was made by USEPA	l .			
	* * * * * * * * * * * * * * * * * * * *				Urban Runoff/Storm Sewers			
2	R	Coyote Creek (Santa Clara Co.)	20530021					
		•	•	Diazinon		High	55 Miles	2004
				This listing was made by USEPA				
er sant e					Urban Runoff/Storm Sewers			868-20-1-23-23-23
2	R	Gallinas Creek	20620013					
				Diazinon		High	2.1 Miles	2004
				This listing was made by USEPA				
ರ್ಷ-೯೦ ಇವ	a secundado				Urban Runoff/Storm Sewers			283 42423 0242
2	R	Guadalupe Creek	20540050	•				
				Mercury		Medium	8.1 Miles	
				TMDL will be developed as part assessment is needed.	of the Santa Clara Basin Watershe	ed Management II	nitiative. Additional mor	iitoring and
					Mine Tailings			
2	L	Guadalupe Reservoir	20540040					in Steel And Annual And
		•		Mercury		Medium	63 Acres	
				TMDL will be developed as part assessment is needed.	of the Santa Clara Basin Watershe	ed Management I	nitiative. Additional moi	nitoring and
					Surface Mining			
					Mine Tailings			
2	R	Guadalupe River	20540050		to the second			
		-		Diazinon		High	18 Miles	2004
				This listing was made by USEPA	l.		•	
					Urban Runoff/Storm Sewers			

October 15, 2002 DRAFT

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

ESTIMATED PROPOSED TMDE WATERSHED POLLUTANT/STRESSOR REGION TYPE: NAME SOURCES PRIORITY SIZE AFFECTED : COMPLETION Medium 18 Miles Mercury TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed. Mine Tailings 20440010 Islais Creek Ammonia Low 46 Acres **Industrial Point Sources** Combined Sewer Overflow Chlordane (sediment) Low 46 Acres **Industrial Point Sources** Combined Sewer Overflow Dieldrin (sediment) 46 Acres Low Industrial Point Sources Combined Sewer Overflow Endosulfan sulfate (sediment) Low 46 Acres **Industrial Point Sources Combined Sewer Overflow** Hydrogen Sulfide Low 46 Acres **Industrial Point Sources** Combined Sewer Overflow PAHs (sediment) Low 46 Acres **Industrial Point Sources** Combined Sewer Overflow PCBs (sediment) Low 46 Acres **Industrial Point Sources** Combined Sewer Overflow 20113020 Lagunitas Creek Medium 17 Miles Nutrients Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. Agriculture **Urban Runoff/Storm Sewers Pathogens** Medium 17 Miles Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. Agriculture

Urban Runoff/Storm Sewers

October 15, 2002

				Sedimentation/Siltation		Medium	17 Miles	
				Tributary to Tomales Bay. TMDLs monitoring and assessment needed.				itional
				A	Agriculture			
				J	Urban Runoff/Storm Sewers			
2	L	Lake Herman	20721030					
				Mercury	,	Low	108 Acres	
				Additional monitoring and assessm		istorical mining.		
व्यः ज्ञायस				S	Surface Mining	15.3		
2	L	Lake Merritt	20420040				•	
		•		Trash		Low	142 Acres	
ran reserve		7 P N		Į	Urban Runoff/Storm Sewers			
2	R	Laurel Creek (Solano Co)	20440040					
				Diazinon		High	3 Miles	2004
				This listing was made by USEPA.				
y , .	7 S. F. F. F.			U	Urban Runoff/Storm Sewers			
2	R	Ledgewood Creek	20723010					
				Diazinon		High	12 Miles	2004
				This listing was made by USEPA.	Urban Runoff/Storm Sewers			
			207.100.1		2010an Runon/Storm Severs	40.000		
2	R	Los Gatos Creek (R2)	20540011	Diazinon		High	19 Miles	2004
	•		-	This listing was made by USEPA.		riigii	19 Willes	2004
				•	Urban Runoff/Storm Sewers			
2	E	Marina Lagoon (San Mateo County)	20440040					
-	alb.	marina Dagoon (Gan mateo County)	20-170070	High Coliform Count		Low	169 Acres	
				5	Urban Runoff/Storm Sewers	•		
				_	Nonpoint Source			
2	R	Matadero Creek	20550040					
-			2000010	Diazinon		High	7.3 Miles	2004
				This listing was made by USEPA.		,		
				U	Urban Runoff/Storm Sewers			
2	R	Miller Creek	20620012					
				Diazinon		High	9 Miles	2004
				This listing was made by USEPA.				
		·		U	Urban Runoff/Storm Sewers			

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						DRAI
REGION T	vpe Name	CALWATER-WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY SI	ESTIMATIED PROPOSED EMD LE AFFECTED E COMPLETION
2 I	E Mission Creek	20440010			_	
			Ammonia		Low	18 Acres
			•	Industrial Point Sources		
			Chlordane (sediment)	Combined Sewer Overflow	Low	18 Acres
			Cinordane (seament)	Industrial Point Sources	E0W	10 Acres
				Combined Sewer Overflow		
			Chlorpyrifos (sediment)		Low	18 Acres
				Industrial Point Sources		
				Combined Sewer Overflow		
			Chromium (sediment)		Low	18 Acres
		•		Industrial Point Sources		
				Combined Sewer Overflow		
			Copper (sediment)		Low	18 Acres
				Industrial Point Sources		
			Dieldrin (sediment)	Combined Sewer Overflow	Low	18 Acres
	_	•	Diciarii (scainiciii)	Industrial Point Sources	20,,	10 Acres
				Combined Sewer Overflow	-	
		•	Hydrogen Sulfide		Low	18 Acres
				Industrial Point Sources		
				Combined Sewer Overflow		
			Lead (sediment)		Low	18 Acres
				Industrial Point Sources		
			M	Combined Sewer Overflow	T	10
			Mercury (sediment)		Low	18 Acres
				Industrial Point Sources Combined Sewer Overflow		
			Mirex (sediment)	Combined Sewer Overnow	Low	18 Acres
			,	Industrial Point Sources		
				Combined Sewer Overflow	·	
			PAHs		Low	18 Acres
	•			Industrial Point Sources		
				Combined Sewer Overflow	_	
			PCBs (sediment)		Low	18 Acres
				Industrial Point Sources		
			Silver (sediment)	Combined Sewer Overflow	Low	18 Acres
			on the desirements	Industrial Point Sources	20	
				Combined Sewer Overflow		
			35			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TŅĪDĒ PŘIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				Zinc (sediment)		Low	18 Acres	
					Industrial Point Sources Combined Sewer Overflow			·
2	R	Mt. Diablo Creek	20731040		1738			
				Diazinon		High	13 Miles	2004
				This listing was made by USEPA			1	•
					Urban Runoff/Storm Sewers			
2	R	Napa River	20650010					
				Nutrients		Medium	65 Miles	•
				TMDL will be developed as part needed.	of ongoing watershed manageme	ent effort. Addition	nal monitoring and ass	sessment
					Agriculture			
				Pathogens		Medium	65 Miles	
				TMDL will be developed as part needed.	of ongoing watershed manageme	ent effort. Addition	nal monitoring and ass	sessment
					Agriculture			
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation TMDL will be developed as part needed.	of ongoing watershed manageme	Medium ent effort. Addition	65 Miles nal monitoring and ass	sessment
				пеенен.	Agriculture			
				•	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 USEPA	١.	-		
					Urban Runoff/Storm Sewers			
2	В	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	20420040					
				Chlordane		Medium	0.93 Acres	
				This listing was made by USEPA	1.			
					Nonpoint Source			
				DDT		Medium	0.93 Acres	
				This listing was made by USEPA				
				N. .	Nonpoint Source		0.02	
				Diazinon	a transfer as t	Medium	0.93 Acres	
				application in late winter and pu	imn toxicity. Two patterns: pulse ilse from residential land use are v also be the cause of toxicity; mo	as linked to home	owner pesticide use in	
					Nonpoint Source			

October 15, 2002

REGION TYPE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TN COMPLETION
		Dieldrin		Medium	0.93 Acres	CONTRACTOR
		This listing was made by USEP	A . •			
			Nonpoint Source			
		Dioxin Compounds		Low	0.93 Acres	
	,		2,7,8-TCDD, 1,2,3,7,8-PeCDD, 1, and OCDD. This listing was m		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	e pollutant availability in food ca Ballast Water	hain; disrupt food a	vailability to native spec	cies.
		Furan Compounds		Low	0.93 Acres	
			3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2, -HxCDF, 1,2,3,4,6,7,8-HpCDF, 1			
			Atmospheric Deposition			
•		Mercury		High	0.93 Acres	2002
		for multiple fish species includi	umption and wildlife consumptioning striped bass and shark. Majont ongoing source is erosion and	r source is historic.	gold mining sediments	and local
			Industrial Point Sources			
			Municipal Point Sources			
			Resource Extraction			
			Atmospheric Deposition			
			Natural Sources			
		PCBs	Nonpoint Source	High	0.93 Acres	2004
			ike PCBs.Interim health advisory	Ü		
		tontem anon tana.	Unknown Nonpoint Source			
	•	PCBs (dioxin-like)	Canado was troupoint Source	Low	0.93 Acres	
•		The specific dioxin like compo- (169), 2,3,3,4,4-PeCB (105), 2,	ands are 3,4,4,5-TCB (81), 3,3,3,3 3,4,4,5-PeCB (114), 2,3,4,4,5-Pe 1,5,5,-HxCB (167), 2,3,3,4,4,5,5-1	CB (118), 2,3,4,4,5	5-PeCB (126), 3,3,4,4,4 -PeCB (123), 2,3,3,4,4,5	-HxCB (156),
			Unknown Nonpoint Source			
		Selenium		Low	0.93 Acres	

Selenium Low 0.93 Acres Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant

contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.

Industrial Point Sources

Agriculture

Natural Sources

Exotic Species

October 13, 2002

REGION TYPE NAME WATERSHED POLLUTANTISTESSOR SOURCES PRIORITY SIZE 2 B Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central) Chlordane This listing was made by USEPA. Nonpoint Source Chlorpyrifos (sediment) Low Source Unknown Copper (sediment) Low DDT Medium This listing was made by USEPA. Nonpoint Source Diazinon Dirazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land we areas linked to homeownee early summer. Chlorpyrifos may also be the cause of toxicity: more data needed, howeve Nonpoint Source Diedrin This listing was made by USEPA. Nonpoint Source Diedrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HyCDD, 1,2,3,4,7,8-HyCDD, 1,2,3,4,7,8-HyCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability in food chain; disrupt		` ′						DRAF
Vard 1 Site, part of SF Bay, Central) Chlordane This listing was made by USEPA. Nonpoint Source Chlorpyrifos (sediment) Copper (sediment) Low Source Unknown Copper (sediment) DDT Source Unknown DDT Nonpoint Source Nonpoint Source Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land use areas linked to homeowne, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howev Nonpoint Source Diedrin This listing was made by USEPA. Diedrin This listing was made by USEPA. Nonpoint Source Diedrin This listing was made by USEPA. Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PcCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,7,8-HxCDD, 1,2,	ĻŪ				TMDL ES PRIORITY SIZE			PROPOSED TMDI COMPLETION
This listing was made by USEPA. Chlorpyrifos (sediment) Copper (sedi		20420040						
Chlorpyrifos (sediment) Source Unknown Copper (sediment) Source Unknown DDT Source Unknown DDT Medium This listing was made by USEPA. Nonpoint Source Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land use areas linked to homeownee early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howeve Nonpoint Source Dieldrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds Nonpoint Source Dioxin Compounds are 2, 3, 7, 8-TCDD, 1, 2, 3, 7, 8-PeCDD, 1, 2, 3, 4, 7, 8-HxCDD, 1, 2, 3, 4, 5, 8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability natural benthos; change pollutant availability in food chain; disrupt food availability natural benthos; change pollutant availability in food chain; disrupt food availability in fo	rd		Chlordane		Medium	1.8	Acres	
Chlorpyrifos (sediment) Source Unknown Copper (sediment) DDT Source Unknown DDT Nonpoint Source Nonpoint Source Diazinon Diazinon levels cause water coltumn toxicity. Two patterns: pulses through riverine syst, application in late winter and pulse from residential land use areas linked to homeowne early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howev Nonpoint Source Dieldrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds The specific compounds are 2,3,7,8-TCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability and contains and conta	s li		This listing was made by USEPA.					
Source Unknown Copper (sediment) Source Unknown DDT Medium This listing was made by USEPA. Nonpoint Source Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst. application in late winter and pulse from residential land use areas linked to homeowne early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howev Nonpoint Source Dieldrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availating Ballast Water Furan Compounds Low				Nonpoint Source				
Copper (sediment) Source Unknown DDT Medium This listing was made by USEPA. Nonpoint Source Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land use areas linked to homeowne early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howev Nonpoint Source Dieldrin This listing was made by USEPA. Noupoint Source Dioxin Compounds The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PcCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability in food chain; disrupt food availability for the compounds Ballast Water	rp		Chlorpyrifos (sediment)		Low	1.8	Acres	
Source Unknown DDT Medium This listing was made by USEPA. Nonpoint Source Diazinon Nonpoint Source Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land use areas linked to homeownee early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howev Nonpoint Source Dieldrin Medium This listing was made by USEPA. Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availar Ballast Water				Source Unknown				
DDT This listing was made by USEPA. Nonpoint Source Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land use areas linked to homeowne early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howev Nonpoint Source Dieldrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,6,7,8-HyCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availar Ballast Water Furan Compounds Low	per		Copper (sediment)		Low	1.8	Acres	
This listing was made by USEPA. Nonpoint Source Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land use areas linked to homeownee early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howeved. Nonpoint Source Dietdrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availating ballast Water Furan Compounds Low				Source Unknown				
Nonpoint Source Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine syst application in late winter and pulse from residential land use areas linked to homeownee early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howeved Nonpoint Source Dieldrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,6,7,8-HyCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availating the supplements of the supplemental supplements and the supplemental s	•		DDT		Medium	1.8	Acres	
Diazinon Diazinon levels cause water column toxicity. Two patterns: pulses through riverine system application in late winter and pulse from residential land use areas linked to homeowned early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howeved Nonpoint Source Dieldrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availating the specific compounds Ballast Water	s li		This listing was made by USEPA					
Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systs application in late winter and pulse from residential land use areas linked to homeowner early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, howeved Nonpoint Source Dieldrin Medium This listing was made by USEPA. Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availating the standard of		•	-	Nonpoint Source				
application in late winter and pulse from residential land use areas linked to homeowner early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however Nonpoint Source Dieldrin Medium This listing was made by USEPA. Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availating the state of the state o	inc		Diazinon		Medium	1.8	Acres	
Dieldrin This listing was made by USEPA. Nonpoint Source Dioxin Compounds The specific compounds are 2,3,7,8-TCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availated the second of the second	olic		application in late winter and pu	lse from residential land use areas	linked to homeowner	pestici		
This listing was made by USEPA. Nonpoint Source Dioxin Compounds The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availated Ballast Water Furan Compounds Low				Nonpoint Source				
Nonpoint Source Dioxin Compounds Low The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availated Ballast Water Furan Compounds Low	iri		Dieldrin		Medium	1.8	Acres	
Dioxin Compounds The specific compounds are 2, 3, 7, 8-TCDD, 1, 2, 3, 7, 8-PeCDD, 1, 2, 3, 4, 7, 8-HxCDD, 1, 2, 3 HxCDD, 1, 2, 3, 4, 6, 7, 8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availated the second of the	s li	•	This listing was made by USEPA	•				
The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availa Ballast Water Furan Compounds				Nonpoint Source				
HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. Atmospheric Deposition Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availa Ballast Water Furan Compounds			•				Acres	
Exotic Species Medium Disrupt natural benthos; change pollutant availability in food chain; disrupt food availa Ballast Water Furan Compounds Low				and OCDD. This listing was made		,7,8-I	łxCDD, 1,2	7,3,7,8,9-
Disrupt natural benthos; change pollutant availability in food chain; disrupt food availa Ballast Water Furan Compounds Low				Atmospheric Deposition				
Ballast Water Furan Compounds Low			•				Acres	•
•	rup		Disrupt natural benthos; change	• • •	ı; disrupt food availab	ility to	native spe	cies.
	in (Furan Compounds		Low	1.8	Acres	
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, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and by USEPA.	,3,7		1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-F					
Atmospheric Deposition				Atmospheric Deposition				
Lead (sediment) Low	l (s		Lead (sediment)		Low	1.8	Acres	

Source Unknown

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CALWATER		POTENTIAL	TMDL	ESTIMATE	D PROPOSED TMD
REGION TYPE NAME WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECT	ED COMPLETION
	Mercury		High	1.8 Ac	res 2002
	for multiple fish species includi	umption and wildlife consumption ng striped bass and shark. Majon nt ongoing source is erosion and	r source is historic.	gold mining see	diments and local
		Industrial Point Sources			
		Municipal Point Sources			
		Resource Extraction			
		Atmospheric Deposition			
		Natural Sources			
		Nonpoint Source			
•	Mirex (sediment)		Low	1.8 Ac	res
		Source Unknown			
	PAHs (sediment)	·	Low	1.8 Ac	res
		Source Unknown			
	PCBs	200.00 0	High	1.8 Ac	res 2004
		ike PCBs.Interim health advisory			
		Unknown Nonpoint Source			
	PCBs (dioxin-like)		Low	1.8 Ac	res
	(169), 2,3,3,4,4-PeCB (105), 2,.	nds are 3,4,4,5-TCB (81), 3,3,3,3 3,4,4,5-PeCB (114), 2,3,4,4,5-Pe 1,5,5,-HxCB (167), 2,3,3,4,4,5,5-F Unknown Nonpoint Source	CB (118), 2,3,4,4,5	-PeCB (123), 2,3	3,3,4,4,5-HxCB (156),
	PCBs (sediment)	-	Low	1.8 Ac	res
		Source Unknown			
	ppDDE (sediment)		Low	1.8 Ac	res
	. ,	Source Unknown	•		
	Selenium	Source Cindown	Low	1.8 Ac	res
	Affected use is one branch of th contributions from oil refineries species may have made food ch	e food chain; most sensitive indic s (control program in place) and ain more susceptible to accumula cks); low TMDL priority because Industrial Point Sources Agriculture	cator is hatchability agriculture (carrie ation of selenium; h	in nesting diving diving downstream by ealth consumption	g birds, significant rivers); exotic on advisory in effect
		Natural Sources			
		Exotic Species			
	Tributyltin (sediment)	•	Low	1.8 Ac	res
	•	Source Unknown			
	Zinc (sediment)		Low	1.8 Ac	res
	Z7	Source Unknown		. , ,	
		Source Ommistry			

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REGION	TYPE	NAME 19	CALWATER 4 -WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY		POSED TMDL MPLETION
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					
				High Coliform Count		Low	0.87 Miles	
				Linda Mar and San Pedro beach	• • • • • • • • • • • • • • • • • • • •			
					Urban Runoff/Storm Sewers			
F 70 35, M. SERIS	<u> </u>				Nonpoint Source			
2	C	Pacific Ocean at Pillar Point Beach	20221012					
				High Coliform Count		Low	1.1 Miles	
					Nonpoint Source			
2	C	Pacific Ocean at Rockaway Beach	20221011					
				High Coliform Count		Low .	0.29 Miles	
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
2	C	Pacific Ocean at Venice Beach	20222011			**************************************		<u> </u>
				High Coliform Count		Low	0.38 Miles	
					Nonpoint Source			
2	R	Permanente Creek	20550021					
		•	•	Diazinon		High	13 Miles	2004
				This listing was made by USEPA	•			
					Urban Runoff/Storm Sewers			
2	R	Pescadero Creek	20240013					
				Sedimentation/Siltation		Medium	26 Miles	
•				Impairment to steelhead habitat.				
S-2000000000000000000000000000000000000	W 1 - 1 - 1				Nonpoint Source	**************************************		*** *** **** *** *** *** *** *** *** *
2	R	Petaluma River	20630020					
				Diazinon		High	22 Miles	2004
				Data source: Abelli-Amen, Petal	uma Tree Planters, 1999. Urban Runoff/Storm Sewers			
				Nutrients	Ordan Kundi/Storm Sewers	Medium	22 Miles	
				TMDL will be developed as part needed.	of ongoing watershed managemen			nt
					Agriculture			
					Construction/Land Developmen	ıt		
					Urban Runoff/Storm Sewers			

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								DRAFI
REGION	TYP	E. NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROSIZE AFFECTED C	OROSED TIMOL.
				Pathogens		Medium	22 Miles	
				_	art of ongoing watershed managemen			ent
					Agriculture Construction/Land Developme Urban Runoff/Storm Sewers			
				Sedimentation/Siltation		Medium	22 Miles	
					Agriculture Construction/Land Developmen	nt		
					Urban Runoff/Storm Sewers			
2	R	Petaluma River (tidal portion)	20630040					
				Diazinon		High	1.1 Miles	2004
				Data source: Abelli-Amen, Per	taluma Tree Planters, 1999.			
					Urban Runoff/Storm Sewers			
				Nickel		Low	1.1 Miles	
				Exceedance of California Toxi sediment tissue levels.	ic Rule dissolved criteria and Nation	al Toxic Rule total	l criteria; elevated water a	und
				·	Municipal Point Sources Urban Runoff/Storm Sewers Atmospheric Deposition			
				Nutrients		Medium	1.1 Miles	
				TMDL will be developed as pa	art of ongoing watershed managemen	nt effort. Addition	al monitoring and assessm	ent
					Agriculture Construction/Land Developmen Urban Runoff/Storm Sewers	nt		
				Pathogens		Medium	1.1 Miles	
				TMDL will be developed as pa needed.	art of ongoing watershed managemen	nt effort. Addition	al monitoring and assessm	ent
					Agriculture			
					Construction/Land Developmen	nt		
					Urban Runoff/Storm Sewers			
2	R	Pine Creek (Contra Costa Co)	20731040					
		•		Diazinon		High	13 Miles	2004
				This listing was made by USEI	PA.	_		
					Urban Runoff/Storm Sewers			
2	R	Pinole Creek	20660020					of the Co
-			20000	Diazinon		High	9.2 Miles	2004
				This listing was made by USEI	PA.			
					Urban Runoff/Storm Sewers			
	OTHER DESIGNATION							

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REGION	TYPF	NAME	CALWATER WATERSHED	POLIUFANT/STRESSOR*	POTENTIAL SOURCES		estima Ze affi		PROPOSED TMDL COMPLETION
2	R	Pomponio Creek	20240020	-					
				High Coliform Count		Low	7.1	Miles	
					Nonpoint Source				
2	В	Richardson Bay	20312010		,			ar v	
2	В	Menar door bay	20072010	Chlordane	•	Medium	2439	Acres	
				This listing was made by USEP.	4.				
				g	Nonpoint Source			•	
				DDT	-	Medium	2439	Acres	
				This listing was made by USEP.	4.				•
					Nonpoint Source				
				Dieldrin		Medium	2439	Acres	
				This listing was made by USEP.	4.				
					Unknown Nonpoint Source				
				Dioxin Compounds		Low	2439	Acres	
					7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 and OCDD. This listing was made Atmospheric Deposition		3,6,7,8-H	IxCDD, 1,	2,3,7,8,9-
				Exotic Species		Medium	2439	Acres	
				•	e pollutant availability in food chai. Ballast Water	n; disrupt food avai			ecies.
				Furan Compounds		Low	2439	Acres	
				1 2 1	7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4 3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-Hp0				
					Atmospheric Deposition	•			
				High Coliform Count		Low		Acres	
					bor, is less than 10% of embayment out areas; extensive local control p				
					Urban Runoff/Storm Sewers				
					Septage Disposal				
					Boat Discharges/Vessel Wastes				
				Mercury		High	2439	Acres	2002
				for multiple fish species includi	umption and wildlife consumption in ng striped bass and shark. Major so nt ongoing source is erosion and dr	ource is historic: go	old mining	g sedimen	s and local
					Municipal Point Sources				
				•	Resource Extraction	•			
					Atmospheric Deposition				
					Natural Sources				

Nonpoint Source

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					DNA
EGION TYPE NAME	CALWATER WÄTERSHED		OTENTIAL TMDL. SOURCES PRIORITY	ESTIMATED, PI SIZE AFFECTED (ROPOSED TMI COMPLETION
		PCBs	High	2439 Acres	2004
		This listing covers non dioxin-like PCI concentration data.	Bs. Interim health advisory for fish; uncerta	inty regarding water colum	ın
			nown Nonpoint Source		
		PCBs (dioxin-like)	Low	2439 Acres	
		(169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5	e 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4, -PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4, [xCB (167), 2,3,3,4,4,5,5-HpCB (189). This	5-PeCB (123), 2,3,3,4,4,5-1	HxCB (156),
		Unk	nown Nonpoint Source		
2 R Rodeo Creek	20660022				
i nous orth		Diazinon	High	8 Miles	2004
		This listing was made by USEPA.	_		
		Urb	an Runoff/Storm Sewers		
2 E Sacramento San Joaquin Delta	20710010				
2 E Saciamento San Juaquin Detta	20/10010	Chlordane	Medium	41736 Acres	
		This listing was made by USEPA.			
		•	point Source		4.
		DDT	Medium	41736 Acres	
		This listing was made by USEPA.			
		Non	point Source		
		Diazinon	Medium	41736 Acres	
		application in late winter and pulse fr	xicity. Two patterns: pulses through riverin om residential land use areas linked to hom be the cause of toxicity; more data needed,	eowner pesticide use in late	
			point Source		
		Dieldrin	Medium	41736 Acres	
		This listing was made by USEPA.			
			point Source	44=0.5	
		Dioxin Compounds	Low	41736 Acres	
		HxCDD, 1,2,3,4,6,7,8-HpCDD, and O	CDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD CDD. This listing was made by USEPA. ospheric Deposition	, 1,2,3,6,7,8-HxCDD, 1,2,3	1,7,8,9-
		Exotic Species	Medium	41736 Acres	
		•	tant availability in food chain; disrupt food	availability to native speci	es.
	•	Balls	ast Water	•	
		Furan Compounds	Low	41736 Acres	,
			CDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,		
		•	ospheric Deposition		
•					

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REGION	TYPI	NAMES	ČALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMA SIZE AFFI		ROPOSED TMDL COMPLETION
				Mercury		High	41736	Acres	2002
					mption and wildlife consumption in ning; most significant ongoing sour m point sources.				
					Industrial Point Sources				
					Municipal Point Sources				
					Resource Extraction				
					Atmospheric Deposition				
				_	Nonpoint Source				
				PCBs		High	41736		2004
				This listing covers non dioxin-lil concentration data.	ke PCBs.Interim health advisory fo	r fish; uncertaini	y regarding	water colun	ın
					Unknown Nonpoint Source				
				PCBs (dioxin-like)		Low	41736	Acres	
				(169), 2,3,3,4,4-PeCB (105), 2,3	nds are 3,4,4,5-TCB (81), 3,3,3,3-T ,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 5,5,-HxCB (167), 2,3,3,4,4,5,5-HpC Unknown Nonpoint Source	(118), 2,3,4,4,5	PeCB (123),	2,3,3,4,4,5	-HxCB (156),
				Selenium	omatown roupoint boarce	Low	41736	Acres	
			·	contributions from oil refineries species may have made food cha	e food chain; most sensitive indicate (control program in place) and ag hin more susceptible to accumulation ks); low TMDL priority because In	riculture (carrie n of selenium; h	d downstream ealth consum	n by rivers), aption advis	exotic ory in effect
					Industrial Point Sources				
					Agriculture				
					Natural Sources				
	e degree as A				Exotic Species			- <i>-</i>	
2	R	San Antonio Creek (Marin/Sonoma Co)	20630031						
				Diazinon		High	18	Miles	2004
	**			This listing was made by USEPA	1.				
				1.3.1	Urban Runoff/Storm Sewers				
2	R	San Felipe Creek	20530041					***************************************	
				Diazinon		High	15	Miles	2004
				This listing was made by USEPA	1 .				
					Urban Runoff/Storm Sewers				
2	В	San Francisco Bay, Central	20312010						
_		••		Chlordane		Medium	70992	Acres	
				This listing was made by USEPA	l.				
				- •	Nonpoint Source				
		•		DDT		Medium	70992	Acres	
				This listing was made by USEPA	I .				
		·			Nonpoint Source				

October 15, 2002 DRAFT

CALWATTER POTENTIAL TMDL ESTIMATED PROPOSED TMDL REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR: SOURCES PRIORITY SIZE AFFECTED GOMPLETION

Diazinon

Medium

70992 Acres

Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer: Chlorpyrifos may also be the cause of toxicity; more data needed, however.

Nonpoint Source

Dieldrin

Medium

70992 Acres

This listing was made by USEPA.

Nonpoint Source

Dioxin Compounds

Low

70992 Acres

The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.

Atmospheric Deposition

Exotic Species

Medium

70992 Acres

Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.

Ballast Water

Furan Compounds

Low

70992 Acres

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-HxCDF, 1,2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.

Atmospheric Deposition

Mercury

High

70992 Acres

2002

Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. 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 Natural Sources Nonpoint Source

PCBs

High

70992 Acres

2004

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

Unknown Nonpoint Source

PCBs (dioxin-like)

Low

70992 Acres

The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (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), 2,3,3,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5-PeCB (189). This listing was made by USEPA.

Unknown Nonpoint Source

October 15, 2002

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CATAVATED TO TRANSPORT TO THE TRANSPORT OF THE TRANSPORT
REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION
「「「「」」」「「」」「「」」「「」」「「」」「「」」「「」」「」「」「」「

Selenium

Low

70992 Acres

Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium, health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.

Industrial Point Sources

Agriculture **Natural Sources Exotic Species**

San Francisco Bay, Lower

20410010

Chlordane

Medium

79293 Acres

This listing was made by USEPA.

Nonpoint Source

Medium

79293 Acres

This listing was made by USEPA.

Nonpoint Source

Diazinon

DDT

Medium

79293 Acres

Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.

Nonpoint Source

Dieldrin

Medium

79293 Acres

This listing was made by USEPA.

Nonpoint Source

Dioxin Compounds

Low

79293 Acres

The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.

Atmospheric Deposition

Exotic Species

Medium

79293 Acres

Disrupt natural benthos, change pollutant availability in food chain, disrupt food availability to native species.

Ballast Water

Furan Compounds

Low

79293 Acres

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, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.

Atmospheric Deposition

October 15, 2002

2002 CWA SECTI	ON 303(a) L	IST OF WATER QUALITY	(LIMITED S	EGMEN 15	DRAF
REGIÔN TYPE NAME.	CALWATER WATERSHED	POTENTIAL POLUTANT/STRESSOR SOURCES	TMDL PRIORITY	Committee of the commit	PROPOSED TMDI COMPLETION
		Mercury	High	79293 Acres	2002
		Current data indicate fish consumption and wildlife co for multiple fish species including striped bass and sho mercury mining; most significant ongoing source is er inputs from point sources: water quality objective exc	ark. Major source is historic cosion and drainage from aba	: gold mining sediments indoned mines; moderate	s and local e to low level
		Industrial Point So	urces		
		Municipal Point So	urces		
		Resource Extractio			
		Atmospheric Depos	sition		
		Natural Sources			
		Nonpoint Source			
		PCBs	High	79293 Acres	2004
	·	This listing covers non dioxin-like PCBs. Interim health concentration data.	., -	ty regarding water colun	nn
		Unknown Nonpoint			
		PCBs (dioxin-like)	Low	79293 Acres	
		The specific dioxin like compounds are 3,4,4,5-TCB (8 (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3.	3,4,4,5-PeCB (118), 2,3,4,4,5	-PeCB (123), 2,3,3,4,4,5	-HxCB (156),
		Unknown Nonpoint	t Source		
2 B San Francisco Bay, South	20510000				
		Chlordane	Medium	21669 Acres	
		This listing was made by USEPA.			
		Nonpoint Source			
		DDT	Medium	21669 Acres	
		This listing was made by USEPA.			
		Nonpoint Source			
		Diazinon	Medium	21669 Acres	
		Diazinon levels cause water column toxicity. Two pata application in late winter and pulse from residential la early summer. Chlorpyrifos may also be the cause of a Nonpoint Source	and use areas linked to home	owner pesticide use in la	
		Dieldrin	Medium	21669 Acres	
		This listing was made by USEPA.	171Euluiii	ALIUV ALIES	
		Nonpoint Source			
		Dioxin Compounds	Low	21669 Acres	
		The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-1 HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listi	PeCDD, 1,2, 3,4 ,7,8-HxCDD,		3,7,8,9-
		Atmospheric Depos	ition		
		·			

Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.

Ballast Water

Medium

21669 Acres

47

Exotic Species

October 15, 2002

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		AND THE PROPERTY AND ADDRESS OF THE PARTY AND			Storywell . Storych wells	of motor page 17 100 5	COMPLET
		Furan Compounds		Low	21669	Acres	
			7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4 HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2				
			Atmospheric Deposition				
		Mercury		High	21669	Acres	2002
		for multiple fish species includio mercury mining; most significat	unption and wildlife consumption in ag striped bass and shark. Major s at ongoing source is erosion and dr ar quality objective exceedances. El	ource is historic: ainage from aba	gold mining ndoned mine	g sediments a s; moderate t	nd local o low level
•			Industrial Point Sources				
			Municipal Point Sources				
			Resource Extraction				
			Atmospheric Deposition				
			Natural Sources				
			Nonpoint Source				
		PCBs		High	21669	Acres	2004
		This listing covers non dioxin-li concentration data.	ke PCBs.Interim health advisory fo	r fish; uncertaini	y regarding	water column	ı
			Unknown Nonpoint Source				
		PCBs (dioxin-like)		Low	21669	Acres	
		(169), 2,3,3,4,4-PeCB (105), 2,3	nds are 3,4,4,5-TCB (81), 3,3,3,3-T 1,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 5,5,-HxCB (167), 2,3,3,4,4,5,5-Hp	(118), 2,3,4,4,5	-PeCB (123),	2,3,3,4,4,5-1	HxCB (156)
			Unknown Nonpoint Source	_			
		Selenium		Low	21669		
		,	en issued by OEHHA for benthic-fe water contact recreation beneficia	0		,	
		• • • • • • • • • • • • • • • • • • •	Agriculture				
			Domestic Use of Ground Water				
		Control of the Contro		CARLEST ED TO CARRON TOTAL ED			
2 R San Francisquito Creek	20550040						
2 R San Francisquito Creek	20550040	Diazinon		High	12	Miles	2004
2 R San Francisquito Creek	20550040	Diazinon This listing was made by USEPA	1.	High	12	Miles	2004
2 R San Francisquito Creek	20550040		f. Urban Runoff/Storm Sewers	High	12	Miles	2004
2 R San Francisquito Creek	20550040			High Medium		Miles Miles	2004
2 R San Francisquito Creek	20550040	This listing was made by USEP	Urban Runoff/Storm Sewers	Ü			2004
2 R San Francisquito Creek	20550040	This listing was made by USEP	Urban Runoff/Storm Sewers	Ü			2004
	20550040	This listing was made by USEP	Urban Runoff/Storm Sewers	Ü			2004
		This listing was made by USEP	Urban Runoff/Storm Sewers	Ü	12		2004

Nonpoint Source

DID A 1570

2002 CWA SECTION SC	30 (d) 13.	OI WIRELE	QUILLIT EXIM	TED DEG	DRAFT
	ALWATER ATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL: ES PRIORITY SIZE	STIMATED: PROPOSED TMDL ARFECTIED COMPLETION
		Sedimentation/Siltation		Medium	11 Miles
		Impairment to steelhead habitat.			•
			Nonpoint Source		
2 B San Leandro Bay (part of SF Bay, Central)	20420040		Mindalan Carata Charles and Charles and Carata State Company of the Company of th		
		Chlordane		Medium	588 Acres
		This listing was made by USEPA	1.		
			Nonpoint Source		
		DDT		Medium	588 Acres
		This listing was made by USEPA			
			Nonpoint Source		
		Diazinon		Medium	588 Acres
		application in late winter and p	umn toxicity. Two patterns: pulses i ulse from residential land use areas y also be the cause of toxicity; more Nonpoint Source	linked to homeowner	pesticide use in late spring,
		Dieldrin	•	Medium	588 Acres
		This listing was made by USEPA	1.		
			Nonpoint Source		
		Dioxin Compounds		Low	588 Acres
			Atmospheric Deposition		
		Exotic Species		Medium	588 Acres
		Disrupt natural benthos; change	e pollutant availability in food chair Ballast Water	ı; disrupt food availal	bility to native species.
		Furan Compounds		Low	588 Acres
			7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4, HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,.		
			Atmospheric Deposition	-	
		Lead (sediment)		Low	588 Acres
			Source Unknown		
		Mercury		High	588 Acres 2002
		for multiple fish species includin	mption and wildlife consumption in g striped bass and shark. Major so t ongoing source is erosion and dra	urce is historic: gold	mining sediments and local
			Industrial Point Sources		
			Municipal Point Sources		
			Resource Extraction		
			Atmospheric Deposition		
			Natural Sources		
		75.4 X7	Nonpoint Source		
		PAHs (sediment)		Low	588 Acres

Source Unknown

October 15, 2002

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water from the transfer of the
D PROPOSED TMI ED <u>COMPLETION</u>
res 2004
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res
,3,4,4,4,4-HxCB B,3,4,4,5-HxCB (156), By USEPA.
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g birds, significant
rivers); exolic on advisory in effect e.
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Nonpoint Source

October 15, 2002

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TMDL' ESTIMATED 4 PROPOSED TMDL CALWATER POTENTIAL WATERSHED POLLUTANT/STRESSOR! SOURCES PRIORITY SIZE AFFECTED COMPLETION NAME REGION TYPE

Medium

68349 Acres

This listing was made by USEPA.

Nonpoint Source

Diazinon

Medium

68349 Acres

Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.

Nonpoint Source

Dieldrin

Medium

68349 Acres

This listing was made by USEPA.

Nonpoint Source

Dioxin Compounds

Low

68349 Acres

The specific compounds are 2.3.7.8-TCDD, 1.2.3.7.8-PeCDD, 1.2.3.4.7.8-HxCDD, 1.2.3.6.7.8-HxCDD, 1.2.3.7.8.9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.

Atmospheric Deposition

Exotic Species

Medium

68349 Acres

Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.

Ballast Water

Furan Compounds

Low

68349 Acres

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, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.

Atmospheric Deposition

Mercury

High

68349 Acres

2002

Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. 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.

> **Municipal Point Sources** Resource Extraction Atmospheric Deposition **Natural Sources**

Nonpoint Source

PCBs

High

68349 Acres

2004

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

Unknown Nonpoint Source

PCBs (dioxin-like)

Low

68349 Acres

The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (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

October 15, 2002

				Selenium		Low	68349 Acres	
				Affected use is one branch of the contributions from oil refineries species may have made food chafor scaup and scoter (diving duc	(control program in place) and as iin more susceptible to accumulati	tor is hatchability griculture (carrie on of selenium; h	v in nesting diving birds, si d downstream by rivers); e tealth consumption advisor	exotic
				, ,	Industrial Point Sources			
					Agriculture			
					Natural Sources			
· /· · · · · · · ·	S. Gran				Exotic Species			
2	R	San Pablo Creek	20660014		•			
				Diazinon		High	9.9 Miles	2004
				This listing was made by USEPA				•
Z1	Africa Street				Urban Runoff/Storm Sewers			
2	L	San Pablo Reservoir	20660012		•	_		
				Mercury		Low	784 Acres	
** X. 6 v Oct					Atmospheric Deposition			
2	R	San Pedro Creek	20221011					
				High Coliform Count		Low	2.4 Miles	
					Urban Runoff/Storm Sewers			
	e e penana				Nonpoint Source	71		
2	R	San Rafael Creek	20320012					
		•		Diazinon		High	3.6 Miles	2004
				This listing was made by USEPA				
179515					Urban Runoff/Storm Sewers			
2	R	San Vicente Creek	20221012			_		
				High Coliform Count		Low	3.8 Miles	
41 - 21 C	Europe Control				Nonpoint Source			
2	R	Saratoga Creek	20550040			-		
				Diazinon		High	18 Miles	2004
				This listing was made by USEPA				
	7.655				Urban Runoff/Storm Sewers			
2	R	Sonoma Creek	20640050			N# 11	20. 751	
				Nutrients TMDL will be developed as part needed.	of ongoing watershed managemen	Medium nt effort. Additio	30 Miles nal monitoring and assessi	ment
				noonoth.	Agriculture			
					Construction/Land Developme	nt		
					Land Development			
					Urban Runoff/Storm Sewers			

October 15, 2002

REGION TYPE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY S	And the second s	POSED TMDL
		Pathogens		Medium	30 Miles	
		TMDL will be developed as para needed.	t of ongoing watershed management	effort. Additiona	al monitoring and assessme	ent
			Agriculture Construction/Land Developmen Land Development Urban Runoff/Storm Sewers			·
<i>,</i>		Sedimentation/Siltation		Medium	30 Miles	
		TMDL will be developed as para needed.	t of ongoing watershed management	effort. Additiona	il monitoring and assessme	ent
			Agriculture			
			Construction/Land Developmen	t		
			Land Development Urban Runoff/Storm Sewers			
			Ordan Kundii/Storin Sewers			
2 R Stevens Creek	20550020	Distance		771-L	20 34:1	2004
		Diazinon This listing was made by USEP.	4	High	20 Miles	2004
•		This tisting was made by USEF	Urban Runoff/Storm Sewers			
	20710020					
2 B Suisun Bay	20710020	Chlordane		Medium	27498 Acres	
		This listing was made by USEP.	A.		27150 111103	
•			Nonpoint Source	•		
		DDT		Medium	27498 Acres	
		This listing was made by USEP.				
		m	Nonpoint Source		47.00	
		Diazinon	to the transfer of the transfe	Medium	27498 Acres	
		application in late winter and p	umn toxicity. Two patterns: pulses to ulse from residential land use areas v also be the cause of toxicity; more	linked to homeow	ner pesticide use in late sp	
			Nonpoint Source			
		Dieldrin		Medium	27498 Acres	
		This listing was made by USEP	4. Nonpoint Source			
		Dioxin Compounds	ranhour som ce	Low	27498 Acres	
		The specific compounds are 2,3,	,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3 and OCDD. This listing was made	4,7,8-HxCDD, 1,		8,9-
		Durate Courts	Atmospheric Deposition	Madine	27400 4	
		Exotic Species	a nollytant availability in food shair	Medium	27498 Acres	
		Disrupi naturat veninos; Change	e pollutant availability in food chain Ballast Water	, aisrupi jood ava	madiny to minve species.	

October 15, 2002

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REGION TYPE NAME VATERSHE	R D POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECT	The state of the s
	Furan Compounds		Low	27498 Acr	es .
		2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3, 7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2			
·		Atmospheric Deposition			
	Mercury		High	27498 Acr	es 2002
	-	nsumption and wildlife consumption i mining; most significant ongoing sou from point sources.	•	•	9 9
		Industrial Point Sources			
		Resource Extraction			
		Atmospheric Deposition			
		Natural Sources			
		Nonpoint Source			
	PCBs		High	27498 Acr	es 2004
	This listing covers non-dioxin concentration data.	n-like PCBs. Interim health advisory f	for fish; uncertaii	nty regarding wate	er column
		Unknown point source			
	PCBs (dioxin-like)		Low	27498 Acr	es
	(169), 2,3,3,4,4-PeCB (105),	ounds are 3,4,4,5-TCB (81), 3,3,3,3-i 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCl 4,4,5,5-HxCB (167), 2,3,3,4,5,5-HpC	B (118), 2,3,4,4,5	5-PeCB (123), 2,3,	3,4,4,5-HxCB (156),
		Unknown Nonpoint Source			
	Selenium		Low	27498 Acr	es
	contributions from oil refiner species may have made food	the food chain; most sensitive indica ries (control program in place) and ag chain more susceptible to accumulati ducks); low TMDL priority because li	griculture (carrie on of selenium; l	ed downstream by health consumption	rivers); exotic n advisory in effect
		Industrial Point Sources			
		Naturai Sources	•		
		Exotic Species			
2 T Suisun Marsh Wetlands 20723000					
	Metals		Low	66339 Acr	es
	Additional monitoring and a	ssessment needed.			
	5	Agriculture			•
		Urban Runoff/Storm Sewers			
		Flow Regulation/Modification			•
	Nutrients		Low	66339 Acr	res
	Additional monitoring and a	ssessment needed.			•
	_	Agriculture			

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Urban Runoff/Storm Sewers Flow Regulation/Modification

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	VATER RSHED POLLUTANT/STRESSO	POTENTIAL	TMDL.	And the second of the second o	OPOSED TMDL: OMPLETION
	Organic Enrichment/Lov	v Dissolved Oxygen	Low	66339 Acres	
	Additional monitoring an	nd assessment needed.			
		Agriculture			
		Urban Runoff/Storm Sewers			
		Flow Regulation/Modification	_		
	Salinity/TDS/Chlorides	1	Low	66339 Acres	
	Additional monitoring an	a assessment neeaea. Agriculture			
		Urban Runoff/Storm Sewers			
		Flow Regulation/Modification			
2 E Cuitas Sianak	122000				
2 E Suisun Slough 20'	723000 Diazinon		High	1124 Acres	2004
	This listing was made by	USEPA.	***6"	1127 /16163	2007
	in in its	Urban Runoff/Storm Sewers			
· 2 B Tomales Bay 20	14033				
2 B Tomales Bay 201	Mercury		Medium	8545 Acres	
	for multiple fish species i	h consumption and wildlife consumption i including striped bass and shark. Major s mificant ongoing source is erosion and dr i. Mine Tailings	ource is historic:	gold mining sediments an	nd local
	Nutrients	Maine admings	Medium	8545 Acres	
	TMDL will be developed	as part of ongoing watershed managemen anaged first. Additional monitoring and a Agriculture	nt effort. Tributar	y streams, Lagunitas Cree	ek and
	Pathogens		High	8545 Acres	2004
		as part of ongoing watershed managemer anaged first. Additional monitoring and a Intensive Animal Feeding Oper Septage Disposal	assessment needed		ek and
	Sedimentation/Siltation		Medium	8545 Acres	
		as part of ongoing watershed managemer anaged first. Additional monitoring and a Agriculture			ek and
		Upstream Impoundment			
		Upstream Impoundment			
2 R Walker Creek 20	12013		•		
	Mercury Tributary to Tomales Bay monitoring and assessme		Medium olving watershed i	16 Miles management effort. Additi	ional
•		Surface Mining			
		Mine Tailings			•

October 15, 2002

REGION	ŢŶP	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	TPOTENTIAL SOURCES	TMDĽ PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nutrients		Medium	16 Miles	
				Tributary to Tomales Bay. TMD monitoring and assessment need	Ls will be developed as part of ev ed.	volving watershed	management effort. A	Idditional
			•		Agriculture			
	•			Sedimentation/Siltation		Medium	16 Miles	
				Tributary to Tomales Bay. TMD monitoring and assessment need		olving watershed	management effort. A	ldditional
5 D4 27 C 80 C 8.0	987 778				Agriculture			
2	R	Walnut Creek	20731040	Diazinon		High	9 Miles	2004
				This listing was made by USEPA	į	raigii	y willes	2004
				This issuing was made by OSLI A	Urban Runoff/Storm Sewers			
•	n n	Wildcat Creek	20660013			JP 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000 1 - 2000		
2	R	Whicat Creek	20000013	Diazinon		High	12 Miles	2004
				This listing was made by USEPA		- Trigii	12 Miles	2004
				and the second of the second o	Urban Runoff/Storm Sewers			
3	R	Alamo Creek	31230072					
-				Fecal Coliform		Low	5.8 Miles	
					Agriculture			
					Range Grazing-Riparian and/o	or Upland		
					Natural Sources			
3	R	Alisal Creek (Salinas)	30970093					
				Fecal Coliform		Low	7.4 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Natural Sources			
					Nonpoint Source	_		
				Nitrate		Low	7.4 Miles	
	ain de de				Source Unknown			
3	R	Aptos Creek	30413023					
				Pathogens		Medium	8.4 Miles	
				Impaired length for pathogens is	below Bridge Creek to the mouth	h (approximately 5	miles).	
				Codimentation/Cite-Ai	Urban Runoff/Storm Sewers	Lar	0.4 3421-	
				Sedimentation/Siltation	D'. 1 1014 77 179 1	Low	8.4 Miles	
					Disturbed Sites (Land Develop Channel Erosion	.)	•	
1".4 100					Channel Erosion			

REGIO	N TYPE		CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES!	TMDL PRIORITY SL	ESTIMAT ZE AFFE	TED PROPOSED TIMDLE CTED COMPLETION (
3	R	Arroyo Burro Creek	31532010	Pathogens		Low	6.1	Miles
					Urban Runoff/Storm Sewers Nonpoint Source			
3	R	Atascadero Creek (San Luis Obispo County)	30981124	Fecal Coliform		Low	5.4	Miles
				Low Dissolved Oxygen	Source Unknown	Low	5.4	Miles
3	R	Bean Creek	30412041		Source Unknown			
				Sedimentation/Siltation	Road Construction	Low	8.9	Miles
					Disturbed Sites (Land Develop.) Resource Extraction Erosion/Siltation Nonpoint Source			
3	R	Bear Creek(Santa Cruz County)	30412030	Sedimentation/Siltation		Low	6.3	Miles
		·		ocumentation/ontation	Silviculture Road Construction	2011	0.5	ivanes
					Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source			
3	R	Blanco Drain	30911010					
				Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	Medium	15 1	Miles
3	R	Blosser Channel	31210030		Nonpolit Source	54.75		
				Fecal Coliform	Agriculture Pasture Grazing-Riparian and/on Urban Runoft/Storm Sewers Natural Sources	Low Upland	0.02 [Miles

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								DRAFT
REGION	TYPE	NAME	CÁLWÁTER WÄTERSHED	POLEUTANT/STRESSOR* :-	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED, TMDL. COMPLETION
3	R	Boulder Creek	30412020					
				Sedimentation/Siltation		Low	7.6 Miles	
					Specialty Crop Production Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation			
					Nonpoint Source			
	717 T		*******		, , , , , , , , , , , , , , , , , , ,	3,47,599.0	7.88	75-11-11-11-11-11-11-11-11-11-11-11-11-11
3	R	Bradley Canyon Creek	31210030	7 10 115		_	4	
				Fecal Coliform	•	Low	17 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/o	r Upland		
					Urban Runoff/Storm Sewers	-		
	19531 IN				Natural Sources			
3	R	Bradley Channel	31210030					
				Fecal Coliform		Low	3.1 Miles	•
•					Source Unknown			
3	R	Branciforte Creek	30412051					
-				Sedimentation/Siltation		Low	5.8 Miles	
					Silviculture			
					Road Construction			
					Nonpoint Source			•
3	R	Carbonera Creek	30412050					
3	10	Carbonera Creek	20112000	Nutrients		Low	10 Miles	
					Nonpoint Source			
				Pathogens	nonpoint Source	Medium	10 Miles	
					Urban Runoff/Storm Sewers Nonpoint Source		10 1121100	
			•	Sedimentation/Siltation	Troupoint Source	High	10 Miles	2003
				J. J	Construction Name Day 1		10 1111162	2003
					Construction/Land Development Nonpoint Source	Į.		
and the second			· · · · · · · · · · · · · · · · · · ·	The second secon	Montpoint Source			
3	R	Carpinteria Creek	31534020			_		
				Pathogens		Low	5.8 Miles	
					Agriculture			
					Land Disposal			
		The second secon			Septage Disposal			

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REGIO	N TYPI	NAME	CALWATER WATERSHED	POLEUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	E	Carpinteria Marsh (El Estero Marsh)	31534020					
				Nutrients		Low	188 Acres	
				Organic Enrichment/Low Disso	Agriculture olved Oxygen	Low	188 Acres	
					Agriculture			
				Priority Organics		Low	188 Acres	
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation		Low	188 Acres	
					Agriculture			
					Construction/Land Developme	nt		
					Storm sewers			
3	R	Cholame Creek	31700053			-	0.5.140	
				Boron		Low	8.7 Miles	
				T. 10 W	Source Unknown	_	0.00 3.00	
				Fecal Coliform		Low	8.7 Miles	
					Agriculture	/ XI-1 X		
4					Pasture Grazing-Riparian and Natural Sources	or Upland		
				•	Nonpoint Source			
			21022012					
3	R	Chorro Creek	31022012	Fecal Coliform		Low	14 Miles	
				recar comorm	Source Unknown	20	17 lyanes	
				Nutrients	Source Onknown	High	14 Miles	2003
				rutitents	Municipal Point Sources	, , , , , , , , , , , , , , , , , , ,	14 Miles	2003
		•		·	Agriculture			
					Irrigated Crop Production Agriculture-storm runoff			

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				Sedimentation/Siltation		High	14 Miles	2003
					Agriculture		14 miles	2003
					Irrigated Crop Production			
					Range Grazing-Riparian and/o	r Upland		
					Range Grazing-Upland			
					Agriculture-storm runoff			
					Construction/Land Developmen	ıt		•
		·			Road Construction			
		·			Resource Extraction			
		•			Hydromodification			
					Channelization			
		·			Streambank Modification/Desta	bilization		
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
					Golf course activities Nonpoint Source			
					Noupoint Sour Ce	-4		
3	R	Chumash Creek	31022011	·		_		
				Fecal Coliform		Low	2.1 Miles	
se name i Sec					Source Unknown			
3	R	Clear Creek (San Benito County)	30550013					
				Mercury		Medium	9.6 Miles	
					Resource Extraction			
3	R	Corralitos Creek	30510010					
			•	Fecal Coliform		Low	13 Miles	
					Source Unknown			
3	R	Dairy Creek	31022010					TOO TO B
3	K	Dairy Creek	31022010	Fecal Coliform		Low	4.5 Miles	
				recar comorm	6	Low	4.5 Miles	
				Low Discoluted Owners	Source Unknown	I a	4 5 3411	
		•		Low Dissolved Oxygen		Low	4.5 Miles	
التاريخ	- P-11 - 18 - 18				Source Unknown			(1. J. S. J. 1824) 1941 (J.
3	E	Elkhorn Slough	30600014				•	•
				Pathogens		Low	2034 Acres	
					Natural Sources			
					Nonpoint Source			

	GALWATER.		POTENTIAL	TMDL	ESTIMATED , PROPOSED IMDIL
REGION TYPE NAME	WATERSHED	POLICUTANT/STRESSOR*	SOURCES		SIZE AFFECTED COMPLETION
		Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows Erosion/Siltation Contaminated Sediments Nonpoint Source	Low	2034 Acres
		Sedimentation/Siltation	Agriculture Irrigated Crop Production Agriculture-storm runoff Channel Erosion Nonpoint Source	Low	2034 Acres
3 R Espinosa Slough	30911010	Nutrients		Low	1.5 Miles
		Pesticides	Agriculture Storm sewers Agriculture Urban Runoff/Storm Sewers	Medium	1.5 Miles
		Priority Organics	Nonpoint Source	Medium	1.5 Miles
3 R Fall Creek	30412022	Sedimentation/Siltation	Road Construction	Low	5.1 Miles
			Habitat Modification Erosion/Siltation Nonpoint Source		
3 R Gabilan Creek	30919000	Fecal Coliform		Low	6.4 Miles
			Urban Runoff/Storm Sewers Natural Sources Nonpoint Source		
3 E Goleta Slough/Estuary	31531020	Metals	A STATE OF THE PARTY OF THE PAR	Low	196 Acres
		Pathogens	Industrial Point Sources Urban Runoff/Storm Sewers	Low	196 Acres

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								DRA
EGIO	T-YP	e « NAME	GALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TM COMPLETION
				Priority Organics		Low	196 Acres	
					Nonpoint Source			
				Sedimentation/Siltation	•	Low	196 Acres	
					Construction/Land Developme	nt		
3	LANA TE	Hernandez Reservoir	30550016			- 3 1058		
3	L	Hei handez Kesei von	0100000	.Mercury		Medium	626 Acres	
		·			Surface Mining	Mediam	020 Acres	
	178.				Surface Willing		(12/24K())**.	
3	R	Kings Creek	30412011			_		
				- Sedimentation/Siltation		Low	4.4 Miles	
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develop. Erosion/Siltation)		
					Nonpoint Source			
_	<u> </u>				The state of the s			
3	R	Las Tablas Creek	30981293	N.C.A.J.		*** *		2002
				Metals		High	5.7 Miles	2003
	17.47.4				Surface Mining			
3	R	Las Tablas Creek, North Fork	30981290					
				Metals		High	6.5 Miles	2003
					Surface Mining			
3	R	Las Tablas Creek, South Fork	30981290		dadout to the state of the stat			
				Metals		High	4.7 Miles	2003
					Surface Mining			
3	R	Llagas Creek	30530020					***********
J	•	Diagas C. Con		Chloride		Low	16 Miles	
				Impaired section for Chlorides near Southside Drive).	is located downstream of confluence			l mile of stream
					Nonpoint Source			
					Point Source			
				Fecal Coliform		Low	16 Miles	
				Impaired section for Fecal Col Pajaro River (approximately 9	iform is located between the conflue .5 miles of stream length).	ence with Church	Creek and the confli	ience with
					Pasture Grazing-Riparian and/	or Upland		
					Natural Sources			
					Nonpoint Source			

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			20. cm 41. 12 200 12. 11. 11. 11. 11. 11. 11. 11. 11. 11.		DRAFI
REGION TYPE NAME WATERSHED	: POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZEAFFECTED	PROPOSED-TMDL COMPLETION
	Nutrients		Medium	16 Miles	
	Impaired section for Nutrien River (approximately 9.5 mil	ts is located between the confluence w les of stream length).	ith Church Creek	t and the confluence wi	ith Pajaro
		Municipal Point Sources			
		Agriculture			
		Irrigated Crop Production			
•		Pasture Grazing-Riparian and/	or Upland		
	•	Agriculture-storm runoff Agriculture-irrigation tailwate	_		
		Agricultural Return Flows	r		
		Urban Runoff/Storm Sewers			
		Habitat Modification			
		Nonpoint Source			
		Unknown point source			
	pН	F	Low	16 Miles	
	•	Source Unknown			
	Sedimentation/Siltation	Bource Chialown	Medium	16 Miles	
		nt/Siltation is located between the conj			luence with
	Pajaro River (approximately			on oreen und me congr	acree wiin
		Agriculture			
		Hydromodification			
		Habitat Modification		,	
	Sodium	•	Low	16 Miles	
	Impaired section for Sodium near Southside Drive).	is located downstream of confluence v	vith Miller Sloug	h (approximately 1 mil	e of stream
		Source Unknown			
		Nonpoint Source			
	Total Dissolved Solids		Low	16 Miles	
		issolved Solids is located between the ately 9.5 miles of stream length).	confluence with (Church Creek and the o	confluence
		Nonpoint Source			
		Point Source			
3 R Lompico Creek 30412040					•
•	Nutrients		Low	4.5 Miles	
		Septage Disposal			
	Pathogens		Medium	4.5 Miles	-
		Septage Disposal			
		Natural Sources			
•	•	Nonpoint Source			
	Sedimentation/Siltation		High	4.5 Miles	2003
		Construction/Land Developmen	ıt		
		Natural Sources			

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REGION	TYP	e NAME	- CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Los Osos Creek	31023012			er, er en kontak		
		•		Fecal Coliform		Low	9.9 Miles	
		• •			Source Unknown			
				Nutrients		High	9.9 Miles	2003
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
	•			Calling A. A. Called	Agricultural Return Flows	*** *	0.0.1411	***
				Sedimentation/Siltation		High	9.9 Miles	2003
					Agriculture			•
					Irrigated Crop Production Range Grazing-Riparian and	or Unland		
					Agriculture-storm runoff	or Opianu		
					Hydromodification			
					Channelization			
			•		Dredging			
					Habitat Modification			
					Removal of Riparian Vegetati			
		•			Streambank Modification/Des	tabilization		
		•	•		Channel Erosion Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
3	R	Love Creek	30412021					
				Sedimentation/Siltation		Low	3.8 Miles	
					Agriculture			
					Silviculture			
		•			Road Construction			
					Disturbed Sites (Land Develop	p.)		
					Erosion/Siltation			
			X X 1 X 1 Y 1 X 1 X 1 X 1 X 1 X 1 X 1 X		Nonpoint Source			
3	R	Main Street Canal	31210030	N11.		_		
				Nitrate		Low	5.1 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Nonpoint Source (
. 3	R	Mission Creek	31532011	Pathogens	•	Low	8.6 Miles	
				r actioRens	Urban Runoff/Storm Sewers	LUIT	o.u mines	
					Transient encampments			
					Transient encampinents			

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REGIO	N TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSO	POTENTIAL DR* SOÜRGES	TMDE PRIORITY	F. ESTIMATED PROPOSED IMDESIZE AFFECTED GOMPLETION
				Unknown Toxicity		Low	8.6 Miles
					Urban Runoff/Storm Sewers		
3	С	Monterey Bay South (Coastline)	30950042				
				Metals		Low	12 Miles
					Surface Mining		40. 200
				Pesticides	A. T. Harris	Low	12 Miles
			-	al production of the second of	Agriculture		
3	В	Monterey Harbor	30950042	Metals		Medium	76 Acres
				Metais	D. U J Cl DU.	IVICUIUIII	/o Acres
				Unknown Toxicity	Railroad Slag Pile	Low	76 Acres
				Omaiown Toxicity	Source Unknown	20	, a recrea
	_		20012011		Source Official Control of the Contr		
3	E	Moro Cojo Slough	30913011	Low Dissolved Oxygen		Low	62 Acres
				Zuw Disserved Oxygen	Source Unknown	20.11	V2 /Keres
				Pesticides	Source Official VIII	Medium	62 Acres
					Agriculture		
					Irrigated Crop Production		
		•			Agriculture-storm runoff		
					Agricultural Return Flows		
				Sedimentation/Siltation	Nonpoint Source	Low	62 Acres
				Sedimentation/Siltation		LOW	02 Acres
					Agriculture Irrigated Crop Production		·
					Agriculture-storm runoff		
					Construction/Land Developme	nt	
					Nonpoint Source		
3	В	Morro Bay	31023012				
_	_	. — .		Metals		Medium	1922 Acres
				Affected area is 2300 ac	res. Open water habitat is approximately	1900 acres and	delta area is approximately 400 acres.
					Surface Mining		
					Nonpoint Source		
					Boat Discharges/Vessel Wastes		

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REGION TYPE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY		OPOSED TWO
		Pathogens		High	1922 Acres	2004
		Affected area is 2300 acres.	Open water habitat is approximately I	900 acres and	delta area is approximately	400 acres.
		-	Range Grazing-Upland			
			Urban Runoff/Storm Sewers			
			Septage Disposal			
			Natural Sources			
		0 11 11 1011 11	Nonpoint Source	***		
		Sedimentation/Siltation		High	1922 Acres	2003
		Affected area is 2300 acres.	Open water habitat is approximately l	900 acres and	delta area is approximately	400 acres.
			Agriculture			
			Irrigated Crop Production Construction/Land Developmen			
	•		Resource Extraction	•		
			Channelization			
			Channel Erosion			
2 D Moss Londing Harbon	30600014	LINESPER OF THE STATE OF THE ST	58. J. B. 31 S	1		2 2 2 2 2 2 3 3 3 3
3 B Moss Landing Harbor	30000014	Pathogens		Low	79 Acres	
		1 athogens	A	DOW	77 Acits	
			Agriculture Nonpoint Source			
			Boat Discharges/Vessel Wastes			
		Pesticides	Boat Discharges/ vesser wastes	Low	79 Acres	
		1 conclues	A	20	75 716765	
		•	Agriculture Irrigated Crop Production			
			Specialty Crop Production	-	,	
	*	Sedimentation/Siltation	Specially Crop Production	Low	79 Acres	
		Seamentation/Siteation	Agriculture	2011	77 .16165	
			Agriculture Irrigated Crop Production			
			Agriculture-storm runoff			
			Hydromodification			
		,	Dredging			
	•		Channel Erosion			
			Erosion/Siltation			
	•		Nonpoint Source			
3 R Mountain Charlie Gulch	30412040					
		Sedimentation/Siltation		Low	3.9 Miles	
			Silviculture			
			Road Construction			
			Erosion/Siltation			
			Nonpoint Source			

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REGIO	N TYPI	NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDE. COMPLETION
3	L	Nacimiento Reservoir	30982000					
				Metals		Hìgh	5736 Acres	2003
					Surface Mining			
					Natural Sources			
3	R	Newell Creek (Upper)	30412031					
				Sedimentation/Siltation		Low	3.5 Miles	
				•	Agriculture			
					Silviculture			
					Road Construction Disturbed Sites (Land Develop.)	1		•
					Channel Erosion	'		
					Erosion/Siltation			
					Nonpoint Source			
3	R	Nipomo Creek	31210011					
		•		Fecal Coliform		Low	9.3 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Natural Sources			
3	E	Old Salinas River Estuary	30911010					
				Fecal Coliform		Low	74 Acres	
					Source Unknown			
				Low Dissolved Oxygen		Low	74 Acres	
				**	Source Unknown			
				Nutrients		Medium	74 Acres	
					Agriculture			
					Irrigated Crop Production Agriculture-irrigation tailwater			
		•			Nonpoint Source			
				Pesticides	• -	Medium	74 Acres	
					Agriculture			
			•		Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Nonpoint Source	TO STATE		

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REGIO	N TYP	E ^{NA} NAME	CALWATER WATERSHED	PÖLLUTÄNT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION:
3	R	Orcutt Solomon Creek	31210030					
				Fecal Coliform		Low	4.7 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/	or Upland		
	•				Natural Sources		•	
					Nonpoint Source			
				Nitrate		Low	4.7 Miles	
					Source Unknown			
3	R	Oso Flaco Creek	31210030	2 - 1, - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				· · · · · · · · · · · · · · · · · · ·
				Fecal Coliform		Low	6.3 Miles	
					Source Unknown			
				Nitrate		Low	6.3 Miles	
					Source Unknown		÷	
			21210020					
3	L	Oso Flaco Lake	31210030	Nitrate		Low	56 Acres	
				Iviti ate		LOW	JU ACIES	•
					Agriculture			
65	*===========		11.50		Nonpoint Source			
3	C	Pacific Ocean at Arroyo Burro Beach	31532010					
		(Santa Barbara County)		Total Coliform		Low	3.1 Miles	
				rotal Contorni	S Nulmann	Low	5.1 Willes	
F 432, 493			3. 7. 7. 1		Source Unknown		10.00	
3	С	Pacific Ocean at Arroyo Quemado Beach (Santa Barbara County)	31510022					
				Fecal Coliform		Low	3.1 Miles	~
					Agriculture			
				•	Pasture Grazing-Riparian and/	or Upland		
					Natural Sources			
					Nonpoint Source	_		
				Total Coliform	•	Low	3.1 Miles	
				•	Agriculture			
					Pasture Grazing-Riparian and/	or Upland		
					Natural Sources			
					Nonpoint Source			
3	С	Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara	31534020					
		County)		Fecal Coliform	·	Low	0.35 Miles	
				rear Contorni	Source Unknown	13011	0.55 Hilles	
					JULI CE URMUNII			

						<u></u>			DRAFI
REG	ION TY	PE NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDE PRIORITY	ESTIMA SIZE AFF	TED CTED	PROPOSED TMDL COMPLETION
				Total Coliform		Low	0.35	Miles	
					Source Unknown				
3	C	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	31532011						
				Fecal Coliform		Low	0.06	Miles	
					Agriculture				
					Urban Runoff/Storm Sewers				
					Natural Sources				
					Nonpoint Source Unknown Nonpoint Source				
				Total Coliform	Onknown Roupoint Source	Low	0.06	Miles	
					Agriculture				
					Urban Runoff/Storm Sewers				
					Nonpoint Source				
5007 11 = 7100mm to	····				Unknown Nonpoint Source				
3	C	•	31532012					***************************************	
		Sycamore Creek, Santa Barbara County)		Total Coliform		T	0.06	M''	
				i otai Colliorm	C V-1	Low	0.00	Miles	
					Source Unknown				
3	3 C	Pacific Ocean at Gaviota Beach (mouth of Canada de la Gaviota Creek, Santa Barbara County)	31510031						
				Total Coliform		Low	0.06	Miles	
					Source Unknown				
3	C	Pacific Ocean at Hammonds Beach (Santa	31533010			e e e e e e e e e e e e e e e e e e e		200	
		Barbara County)							
				Fecal Coliform		Low	0.06	Miles	
		M 11/2	,		Source Unknown				
3	C C	Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	31532010	_					
				Fecal Coliform		Low	0.06	Miles	
					Source Unknown				
3	C	Pacific Ocean at Jalama Beach (Santa Barbara County)	31510051						
				Fecal Coliform	•	Low	3.3	Miles	
					Agriculture				
					Pasture Grazing-Riparian and	or Upland			
					Natural Sources				
					Nonpoint Source				

					_			DRAF
REGIÓN	*TYPJ	NAME A SECOND	* CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY		SED TMDL PLETION
				Total Coliform		Low	3.3 Miles	
					Agriculture Pasture Grazing-Riparian and/ Natural Sources Nonpoint Source	or Upland		
3	C	Pacific Ocean at Ocean Beach (Santa Barbara County)	31410050	Name of the second seco		and the second s		
				Fecal Coliform		Low	0.06 Miles	
				Total Coliform	Source Unknown	Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	31534012					
				Fecal Coliform		Low	0.06 Miles	
				Total Coliform	Source Unknown	Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Refugio Beach (Santa Barbara County)	31510022					
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	R	Pajaro River	30510030					
		•		Fecal Coliform		Low	32 Miles	
				Impaired length is above Llaga	s Creek (approximately 4.5 miles).			
					Pasture Grazing-Riparian and/	or Upland		
					Naturai Sources		•	
				Nutrients	Nonpoint Source	Medium	32 Miles	
		·		·	Agriculture		oz mines	
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-subsurface drainag	ge		
					Agriculture-irrigation tailwater	г		
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Wastewater - land disposal Channelization			
		•			Removal of Riparian Vegetatio	n		
					Nonpoint Source			

REGION TYPE NAME	CALWATER - WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
PROSECULAR DE SECULAR		Sedimentation/Siltation		Medium	32 Miles	and a superior of the superior of a superior superior superior superior superior superior superior superior su
			Agriculture			
			Irrigated Crop Production			
			Range Grazing-Riparian and/o	r Upland		
			Agriculture-storm runoff			
			Resource Extraction			
			Surface Mining			
			Hydromodification	•		
			Channelization			
			Habitat Modification			
			Removal of Riparian Vegetation			
			Streambank Modification/Desta Channel Erosion	ibilization		
			Channel Erosion			
3 R Pennington Creek	31022011					
		Fecal Coliform		Low	5.3 Miles	
			Source Unknown			_
3 R Rider Gulch Creek	30510010					
		Sedimentation/Siltation		Medium	1.8 Miles	
			Agriculture			
			Silviculture			
			Construction/Land Developmen	ıt		
3 R Salinas Reclamation Canal	30911010					
5 R Sattilas Recialitation Canal	30711010	Fecal Coliform	•	Lów	5.9 Miles	
		recar comorni		2011	3.5 1121163	
			Agriculture Pasture Grazing-Riparian and/	or Unland		
			Urban Runoff/Storm Sewers	ог Органи		~
			Natural Sources			
		Low Dissolved Oxygen	Tracar at Bourees	Low	5.9 Miles	
			Source Unknown			
		Nitrate	Source Officiowii	Low	5.9 Miles	
		Muate	· .	13011	5.9 IVIIIES	
		n dil	Source Unknown	N.C 15	50 N.611 -	
		Pesticides · · · ·		Medium	5.9 Miles	
			Minor Industrial Point Source			
	•		Agriculture			
			Irrigated Crop Production			
			Agriculture-storm runoff Agriculture-irrigation tailwater			
			Agriculture-irrigation tailwater Agricultural Return Flows			
		•	Nonpoint Source			
			1 tonpoint Soul CC	•		

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REGION TYPE NAME	ĜALWATEI WATERSHE	Q D POLEUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY:	ESTIMATED PROPOSE SIZE AFFECTED COMPLE	
		Priority Organics		Medium	5.9 Miles	The state of the s
			Minor Industrial Point Source			
			Agriculture			
			Irrigated Crop Production			
			Agriculture-storm runoff			
			Agriculture-irrigation tailwater			
			Agricultural Return Flows		·	
			Urban Runoff/Storm Sewers			
			Source Unknown			
			Nonpoint Source			
3 R Salinas River (lower, o Gonzales Rd crossing, and 30920)						
		Fecal Coliform		Low	31 Miles	
			Source Unknown			
		Nutrients		Medium	31 Miles	
			Agriculture		·	
		Pesticides	Agriculture	Medium	31 Miles	
	•	resticiones		Mediani	31 Willes	
			Agriculture			
			Irrigated Crop Production			
			Agriculture-storm runoff			
			Agriculture-irrigation tailwater			
			Agricultural Return Flows			
		G P ' / FDC/CLL ' L	Nonpoint Source	¥	24 85%	*
		Salinity/TDS/Chlorides		Low	31 Miles	
			Agriculture			
			Natural Sources			
			Nonpoint Source			
		Sedimentation/Siltation		Medium	. 31 Miles	
			Agriculture			
			Irrigated Crop Production			
			Range Grazing-Riparian and/or	Upland		
			Agriculture-storm runoff			
			Road Construction			
			Land Development			
			Channel Erosion			
			Nonpoint Source			

								DRAI
REGION	TYPE	NAME	CALWATER WATERSHED	POLIUTANT/STRESSOR*	POTENTIAL SOURCES		STIMĀR E ĀFFEC	ED PROPOSED TMD TED COMPLETION
3	R	Salinas River (midddle, near Gonzales Rd crossing to confluence with Nacimiento River)	30981177					
		•		Pesticides		Medium	72 N	Ailes
				Area affected is the lower 20 m	iles of the middle Salinas River.			
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
				Calimita/TDC/Chiamidaa	Nonpoint Source	I aw	72 N	4:1
				Salinity/TDS/Chlorides Area affected is the lower 20 m.	iles of the middle Salines Piver	Low	/2 IV	rites
				Area ajjectea is the tower 20 m	Agriculture			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		Medium	72 N	Ailes
					Agriculture		_	
					Irrigated Crop Production			
					Range Grazing-Riparian and/or	Upland		
					Agriculture-storm runoff	•		
					Road Construction			
					Land Development			
					Channel Erosion			
					Nonpoint Source			
3	R	Salinas River (upper, confluence of Nacimiento River to Santa Margarita	30981112					
		Reservoir)		Chloride		Low	49 N	Ailes
					Agriculture			-
					Pasture Grazing-Riparian and/o	r Upland		
		•			Urban Runoff/Storm Sewers	= L		
				Sodium		Low	49 N	Ailes
					Agriculture			
					Pasture Grazing-Riparian and/o	r Upland		
					Urban Runoff/Storm Sewers	•		
3	E	Salinas River Lagoon (North)	30911010					
	~	2	202220	Nutrients		Medium	197 A	cres
					Nonpoint Source			
				Pesticides	point oouree	Medium	197 A	cres
					Agriculture			
•					· · · · · · · · · · · · · · · · · · ·			

Jiōn-	TYPE		ČALWATER VATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	PRIORITY		OPOSED TO OMPLETIO
				Sedimentation/Siltation		Medium	197 Acres	
					Nonpoint Source			
3	E	Salinas River Refuge Lagoon (South)	30911010					3 46 7 34
				Nutrients		Medium	30 Acres	
					Agriculture			
				Pesticides		Medium	30 Acres	
		·	•		Agriculture			
				Salinity/TDS/Chlorides		Low	30 Acres	
					Agriculture			
3	R	San Antonio Creek (South Coast Watershed)	31531011					
				Sedimentation/Siltation		Low	6.5 Miles	
					Agriculture			
F NO. 9780	, , , , , , , , , , , , , , , , , , , 				Nonpoint Source			
3	R	San Benito River	30530020					
				Fecal Coliform		Low	86 Miles	
					Source Unknown			
			•	Sedimentation/Siltation		Medium	86 Miles	
					Agriculture			
					Resource Extraction Nonpoint Source			
			21022012					
3	R	San Bernardo Creek	31022012	Fecal Coliform		Low	6.9 Miles	
				Tetal Comorni	Source Unknown	20	ory manes	
	W-7-4-			Z-8/2 Z-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Source Official Will			
3	R	San Lorenzo Creek	30970023	Boron		Low	49 Miles	
					Source Unknown		4) Whies	•
		•		Fecal Coliform	Source Officiowif	Low	49 Miles	
•				,	Agriculture			
					Pasture Grazing-Riparian and	or Upland		
					Urban Runoff/Storm Sewers	-		
					Natural Sources			
3	R	San Lorenzo River	30412022	1 1 3 13 18 18 18 18 18 18 18 18 18 18 18 18 18				
				Nutrients		Low	27 Miles	
					Septage Disposal		•	
					Nonpoint Source			
				Pathogens		Medium	27 Miles	
					Urban Runoff/Storm Sewers			
					Septage Disposal			

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REGION	TYP)	n <u>AME</u>	CALWATER WATERSHED	#POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDP ES	IIMA AFFI		DPOSED TMDL DMPLETION
				Sedimentation/Siltation		High	27	Miles	2003
					Silviculture Construction/Land Development Land Development Urban Runoff/Storm Sewers				
3	E	San Lorenzo River Lagoon	30412053						**************************************
		ğ		Pathogens		Medium	66	Acres	
					Urban Runoff/Storm Sewers Natural Sources				
3	R	San Luis Obispo Creek (Below W Marsh Street)	31024012						
		•		Nutrients		High	9.6	Miles	2004
					Municipal Point Sources Agriculture Irrigated Crop Production				
				Pathogens	Agriculture-storm runoff	High	9.6	Miles	2004
				r actiogens	Source Unknown		7.0	Miles	2004
		•		Priority Organics		High	9.6	Miles	2002
					Source Unknown	· · ·	es a consensa de		
3	R	San Luisito Creek	31022011	F 16 11		-		2.4.1	
				Fecal Coliform	Source Unknown	Low	6.7	Miles	
3	R	Santa Maria River	31210030		Source Orknown				
3	K	Dank Maria Rivei	31210030	Fecal Coliform		Low	51	Miles	
					Agriculture Pasture Grazing-Riparian and/or Urban Runoff/Storm Sewers Natural Sources	· Upland			
				Nitrate	ivaturai dources	Low	51	Miles	
					Agriculture Pasture Grazing-Riparian and/or Urban Runoff/Storm Sewers				
3	R	Santa Ynez River	31410050						
				Nutrients	N	Low	47	Miles	
				Salinity/TDS/Chlorides	Nonpoint Source	Low	47	Miles	
				•	Agriculture				

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	Address of the second	27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	The second secon	Part Control C	en 9 3 3 7 7 2 20 La material accessoration and the second	The second of th		DIVA
			CALWATER	POLITICATION	POTENTIAL	. TMDL	ESTIMATED	PROPOSED TMI
EGION	I YP.	E LA NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES		SIZE AFFECTED	COMPLETION
				Sedimentation/Siltation		Low	47 Miles	
				·	Agriculture			
					Urban Runoff/Storm Sewers			
			-		Resource Extraction			
3	L	Schwan Lake	30412053				E 1774 THEORY 1365 PAST N. O. V. 1988 C	
				Nutrients		Low	23 Acres	
					Nonpoint Source			
				Pathogens		Medium	23 Acres	
				· ······ G ····· ,	Urban Runoff/Storm Sewers			
			-		Natural Sources			
20- EVI 522	N. W.				Tratular Gources			
3	R	Shingle Mill Creek	30412022			_		
				Nutrients		Low	1.6 Miles	
					Septage Disposal			
			,	Sedimentation/Siltation		High	1.6 Miles	2003
	•				Construction/Land Developme	ent		
					Nonpoint Source			
3	E	Soquel Lagoon	30413014		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
				Nutrients		Low	1.2 Acres	
					Septage Disposal			
					Nonpoint Source			
				Pathogens	.	Medium	1.2 Acres	
				J	Urban Runoff/Storm Sewers			
					Natural Sources			
					Nonpoint Source			
			•	Sedimentation/Siltation	•	Low	1.2 Acres	
					Construction/Land Developme	ent		
								352 3445 25 305.00
3	R	Tembladero Slough	30911010	E LC-Pe		-	5 540	
				Fecal Coliform		Low	5 Miles	
					Agriculture			
					Pasture Grazing-Riparian and	or Upland		
-		•			Urban Runoff/Storm Sewers			
				Ni	Natural Sources	T	E 1421	
				Nutrients		Low	5 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff Agriculture-irrigation tailwate			
					Agriculture-irrigation tailwate	:1		
				•	Nonpoint Source			
					Toubour pour CC			

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

REGION	TYPI	. NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL. PRIORITY	ESTIMATED PROPOSED TMDL SIZE AFFECTED COMPLETION
				Pesticides		Medium	5 Miles
					Agriculture		
					Irrigated Crop Production Agriculture-storm runoff		
					Agricultural Return Flows		
					Nonpoint Source		
3	R	Tequisquita Slough	30530020			_	
				Fecal Coliform	A 2 16 -	Low	7.2 Miles
					Agriculture Natural Sources		
					Nonpoint Source		
3	R	Valencia Creek	30413023				
				Pathogens		Medium	6.2 Miles
					Agriculture		
				Sedimentation/Siltation	Septage Disposal	Low	6.2 Miles
					Agriculture		
					Construction/Land Developme	nt	
3	R	Waddell Creek, East Branch	30411010				
				Nutrients		Low	3.5 Miles
					Municipal Point Sources		
3	R	Walters Creek	31022011	Fecal Coliform		Low	2.8 Miles
				recai comorm	Source Unknown	20	· · · · · · · · · · · · · · · · · · ·
3	R	Warden Creek	31023010				
				Fecal Coliform	,	Low	6 Miles
					Source Unknown		
				Low Dissolved Oxygen		Low	6 Miles
					Source Unknown		
3	R	Watsonville Slough	30510030	Pathogens		Medium	6.2 Miles
				r actiogens	Urban Runoff/Storm Sewers	Macaiam	U.S. ITARIES
					Source Unknown		
					Nonpoint Source		

								DRAFI
REGION	TYPI	. NAME	CALWATER WATERSHED	POLEUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	A CONTRACT OF THE PARTY OF THE	PROPOSED TMDU.
				Pesticides		Low	6.2 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
			•		Agriculture-irrigation tailwater			
					Nonpoint Source			
				Sedimentation/Siltation		Medium	6.2 Miles	
		•			Agriculture			
					Irrigated Crop Production			•
			·		Agriculture-storm runoff			
					Nonpoint Source			
3	R	Zayante Creek	30412040					
				Sedimentation/Siltation		Low	9.2 Miles	
					Agriculture			
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develop.)			
		•			Erosion/Siltation			
					Nonpoint Source			
. 4	С	Abalone Cove Beach	40511000					
				Beach Closures		High	1.1 Miles	2002
		•			Nonpoint Source	•		
				DDT (sediment)	•	High	1.1 Miles	2009
					Nonpoint Source			
				PCBs	pour source	High	1.1 Miles	2009
				Fish Consumption Advisory for I	PCBs.	o		
					Nonpoint Source			
A	R	Aliso Canyon Wash	40521000					
•	11	imoo Canjon 1140n	10521000	Selenium		High	10 Miles	2003
					Nonpoint Source	8	2.2.2.90	
	200				roupoint Source	S-12-12-12-12-12-12-12-12-12-12-12-12-12-		
4	С	Amarillo Beach	40431000	DDT		•	0.64 550	
				DDT	DDT	Low	0.64 Miles	
				Fish Consumption Advisory for I				
				PCBs	Nonpoint Source	Low	0.64 Miles	
				Fish Consumption Advisory for I	PCR ₅	LUW	0.04 Miles	
		•		1 isit Consumption Advisory for I	Nonpoint Source			
THE STREET	9000000000							

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

REGION	TYPE	NAME. W	ALWATER ATERSHED	PODLUTANT/STRESSOR*	POTENTIAL SOURCES		STIMATIED PR E AFFECTED F G	OPOSED TIMDE OMPLETION
4	R	Arroyo Seco Reach 1 (LA River to West	40515010			-		
		Holly Ave.)		Algae		High	5.2 Miles	2002
					Nonpoint Source			
				High Coliform Count	No. of the Course	High	5.2 Miles	2002
				Trash	Nonpoint Source	Low	5.2 Miles	
March 2007					Nonpoint Source			
4	R	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	40515010		and the second of the second		neg in den den det in de Kraus Mildered voor 1955 - Leedelijk daarbeid 1954 baar ook	acceptation and a second state of the second se
				Algae		High	4.4 Miles	2002
				High Coliform Count	Nonpoint Source	High	4.4 Miles	2002
				8	Nonpoint Source		,	
				Trash		Low	4.4 Miles	
					Nonpoint Source			
4	R	Ashland Avenue Drain	40513000	High Coliform Count		High	2.3 Miles	2002
					Nonpoint Source			
				Organic Enrichment/Low Dissol	• •	Low	2.3 Miles	
				Toxicity	Nonpoint Source	Low	2.3 Miles	
					Nonpoint Source			
4	C	Avalon Beach	40511000			-		
				Bacteria Indicators Area affected is between Pier an Pier (1/3). and between BB resta	d BB restaurant (2/3), between Pie urant and the Tuna Club. Nonpoint/Point Source	Low r and BB restaurant	0.67 Miles (1/3), between storm d	rain and
C - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	R	Ballona Creek	40513000		roupoint one source			
•	1	Danona Creen	1001000	Cadmium (sediment)		High	6.5 Miles	2003
				ChemA (tissue)	Nonpoint/Point Source	High	6.5 Miles	2004
				, ,	Source Unknown	J		
				Chlordane (tissue)	Nonpoint/Point Source	High	6.5 Miles	2004
				Copper, Dissolved		High	6.5 Miles	2003
					Nonpoint Source			

							DRAFT
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL ** SOURCES	TMDL PRIORITY		ROPOSED TMDL COMPLETION
			DDT (tissue)		High	6.5 Miles	2004
	•			Nonpoint/Point Source	_		
			Dieldrin (tissue)	-	High	6.5 Miles	2004
			, ,	Nonpoint/Point Source	J		
•			Enteric Viruses	F	High	6.5 Miles	2003
				Nonpoint/Point Source			
	•		High Coliform Count	•	High	6.5 Miles	2003
				Nonpoint/Point Source			
			Lead, Dissolved	•	High	6.5 Miles	2003
	•		,	Nonpoint Source			
			PCBs (tissue)		High	6.5 Miles	2004
		•		Nonpoint/Point Source	£		
•			pН		Low	6.5 Miles	
				Urban Runoff/Storm Sewers			
		•		Nonpoint Source			
			Sediment Toxicity		High	6.5 Miles	2004
				Nonpoint/Point Source			
			Selenium, Total		Low	6.5 Miles	
				Urban Runoff/Storm Sewers			
				Nonpoint Source			
			Silver (sediment)	•	High	6.5 Miles	2003
				Nonpoint Source			
	·		Toxicity		High	6.5 Miles	2003
				Nonpoint/Point Source	_		
			Zinc, Dissolved		Low	6.5 Miles	
				Urban Runoff/Storm Sewers			
				Nonpoint Source			
4 R Ball	ona Creek Estuary	40513000			***-1	2.2.351	2004
	•		Chlordane (tissue & sediment)		High	2.3 Miles	2004
				Nonpoint/Point Source		4.2.3411	2004
			DDT (sediment)		High	2.3 Miles	2004
			W. I. O. P.C.	Nonpoint/Point Source	***-*	22.350	2002
			High Coliform Count		High	2.3 Miles	2003
			I and (nodiment)	Nonpoint/Point Source	Uiat	2.2 Milan	2002
			Lead (sediment)	N 1470 1 4 7	High	2.3 Miles	2003
	•		PAHs (sediment)	Nonpoint/Point Source	Low	2.3 Miles	
			i Ans (seminent)	Name in A/Dain A Course	TOM	2.5 Willes	
				Nonpoint/Point Source			

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

REGION, TYPE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL. SOURCES	FMDL		OPOSED TMDL
		PCBs (tissue & sediment)		High	2.3 Miles	2004
		Sediment Toxicity	Nonpoint/Point Source	High	2.3 Miles	2004
		Shellfish Harvesting Advisory	Nonpoint/Point Source	High	2.3 Miles	2003
		Zinc (sediment)	Nonpoint/Point Source	High	2.3 Miles	2003
			Nonpoint/Point Source			
4 T Ballona Creek Wetlands	40517000	Exotic Vegetation		Low	315 Acres	
		Habitat alterations	Nonpoint Source	Low	315 Acres	
		Hydromodification	Nonpoint Source	Low	315 Acres	
		Reduced Tidal Flushing	Nonpoint Source	Low	315 Acres	
		Ü	Nonpoint Source			
		Trash	Nonpoint Source	Low	315 Acres	
4 R Bell Creek	40521000	High Coliform Count		High	8.9 Miles	2002
			Nonpoint/Point Source			
4 C Big Rock Beach	40431000	Beach Closures		High	0.74 Miles	2002
•		DDT	Nonpoint Source	Low	0.74 Miles	
•		Fish consumption advisory for I				
		High Coliform Count	Nonpoint Source	High	0.74 Miles	2002
		n C D	Nonpoint Source			
		PCBs Fish Consumption Advisory for	PCRs	Low	0.74 Miles	
		1 ish Consumption nuvisory joi	Nonpoint Source			
4 C Bluff Cove Beach	40511000					
	*	Beach Closures		High	0.55 Miles	2002
			Nonpoint Source			

								DRAFT
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL**** PRIORITY	ÉSTIMATED SIZĘ AFFECTÉD	PROPOSED TMDL COMPLETION
				DDT		Low	0.55 Miles	
				Fish Consumption Advisory for	or DDT.			
					Nonpoint Source			
				PCBs		Low	0.55 Miles	
				Fish Consumption Advisory for	or PCBs.			
					Nonpoint Source			
4	R	Brown Barranca/Long Canyon	40321000		Marie Commission Commi	and the second s	· · · · · · · · · · · · · · · · · · ·	
		0 -		Nitrate and Nitrite		High	2.6 Miles	2003
					Nonpoint Source			
E			40.701000				<u> </u>	
4	R	Burbank Western Channel	40521000	Algen		TTiak	13 Miles	2002
				Algae		High	15 Willes	2002
			•		Nonpoint/Point Source			
•				Ammonia		High	13 Miles	2002
	•				Nonpoint/Point Source			
				Cadmium		High	13 Miles	2003
					Nonpoint/Point Source			
				Odors		High	13 Miles	2002
					Nonpoint/Point Source			
				Scum/Foam-unnatural		High	13 Miles	2002
					Nonpoint/Point Source			
				Trash	•	Low	13 Miles	
					Nonpoint/Point Source			
EARLANC NO.	ME. E		40512000	1,97 19 19 30 200 200 00 19 19 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	253-25-7			
4	С	Cabrillo Beach (Inner) LA Harbor Area	40512000	Deach Classes (California)		TYLah	0.56 340	2002
				Beach Closures (Coliform)		High	0.56 Miles	2002
					Nonpoint Source			
•				DDT	D.D.#	Medium	0.56 Miles	
				Fish consumption advisory fo				
				PCBs	Nonpoint Source	Medium	0.56 Miles	•
					- DCDs	Medium	0.50 Milles	
				Fish consumption advisory fo	r PCBs. Nonpoint Source			
Ern San	enemente in				Honpoint Source			
4	C	Cabrillo Beach (Outer)	40512000					
				Beach Closures		High	0.58 Miles	2002
					Nonpoint Source			
				DDT		Low	0.58 Miles	
				Fish consumption advisory fo				
					Nonpoint Source	•••		***
				High Coliform Count		High	0.58 Miles	2002
					Nonpoint Source			

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

REGION TYP	E NAME The state of the sta	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURGES	TMDL PRIORITY	- ESTIMATED SIZE ARTECTED	PROPOSED TIMDIL
	-		PCBs		Low	0.58 Miles	
	•		Fish consumption advisory for	r PCBs.			
	The American American South Million Control of the			Nonpoint Source			
4 E	Calleguas Creek Reach 1 (was Mugu	40311000					
	Lagoon on 1998 303(d) list)				3.5 "	244	
			Chlordane (tissue)		Medium	344 Acres	
			C	Nonpoint Source	Ma-41	244 4	
	•		Copper		Medium	344 Acres	•
	·		DDT (diamage of the second	Nonpoint/Point Source	N/	244 4	
			DDT (tissue & sediment)		Medium	344 Acres	
			To Location (d)	Nonpoint Source	34. "	244 .	
			Endosulfan (tissue)		Medium	344 Acres	
	•			Nonpoint Source			
			Mercury		Medium	344 Acres	
				Nonpoint/Point Source			
			Nickel		Medium	344 Acres	
				Nonpoint/Point Source			
			Nitrogen	•	High	344 Acres	2002
				Nonpoint/Point Source			
			PCBs (tissue)		Medium	344 Acres	
				Nonpoint/Point Source			
	· · · · · ·		Sediment Toxicity	•	Medium	344 Acres	
				Nonpoint/Point Source			
			Sedimentation/Siltation		Low	344 Acres	
				Agriculture		•	
				Natural Sources			
			Zinc		Medium	344 Acres	
				Nonpoint/Point Source			
4 R	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1	40312000			The second secon	The state of the s	
	and 2 on 1998 303d list)						
			Ammonia		High	4.3 Miles	2002
				Nonpoint/Point Source			
			ChemA (tissue)		Medium	4.3 Miles	
			Historical use of pesticides an				
	,			Nonpoint Source			
			Chlordane (tissue)		Medium	4.3 Miles	
				Nonpoint Source			

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CALWATER PROPOSED TMDL POTENTIAL ZEMDL ZESTIMATED Z REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY **SIZE AFFECTED** COMPLETION Copper, Dissolved Low 4.3 Miles Nonpoint Source DDT (tissue & sediment) Medium 4.3 Miles Nonpoint Source Endosulfan (tissue) Medium 4.3 Miles Nonpoint Source Fecal Coliform Low 4.3 Miles Area affected is at the mouth of the creek. Nonpoint/Point Source Nitrogen High 4.3 Miles 2002 Nonpoint/Point Source PCBs (tissue) Medium 4.3 Miles Nonpoint/Point Source **Sediment Toxicity** Medium 4.3 Miles Nonpoint/Point Source Sedimentation/Siltation 4.3 Miles Low Agriculture **Natural Sources** Toxaphene (tissue & sediment) Low 4.3 Miles Nonpoint Source R Calleguas Creek Reach 3 (Potrero Road 40312000 upstream to confluence with Conejo Creek on 1998 303d list) Chloride 2002 High 3.5 Miles Nonpoint/Point Source Nitrate and Nitrite High 3.5 Miles 2002 Nonpoint/Point Source Sedimentation/Siltation Low 3.5 Miles Agriculture **Natural Sources Total Dissolved Solids** High 2003 3.5 Miles Nonpoint/Point Source 40311000 R Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list) High Algae 7.2 Miles 2002 Nonpoint Source

CALWAT REGION TYPE NAME WATERSH		POTENTIAL SOURCES	TMDL		ROPOSED TMDLE COMPLETION
	ChemA (tissue)	PATERONNEL CONTRA	Medium	7.2 Miles	
	Historical use of pesticides and	lubricants.		Na Willes	
•		Nonpoint Source			
	Chlordane (tissue & sediment)		Medium	7.2 Miles	
		Nonpoint Source		•	
•	Chlorpyrifos (tissue)		High	7.2 Miles	2004
		Nonpoint Source			
	DDT (tissue & sediment)		Medium	7.2 Miles	
		Nonpoint Source			•
	Dieldrin (tissue)		Medium	7.2 Miles	,
		Nonpoint Source			
	Endosulfan (tissue & sediment)		Medium	7.2 Miles	
		Nonpoint Source			
	Fecal Coliform		Low	7.2 Miles	
		Nonpoint/Point Source			
	Nitrate as Nitrate (NO3)		Low	7.2 Miles	
		Nonpoint/Point Source			
	Nitrogen		High	7.2 Miles	2002
	non. (the)	Nonpoint Source	3.4 11	50.35 0	
	PCBs (tissue)		Medium	7.2 Miles	
	S - 1	Nonpoint Source	•	72 X	
	Sedimentation/Siltation		Low	7.2 Miles	
•		Agriculture Natural Sources		•	
	Selenium	Natural Sources	Medium	7.2 Miles	
	Seleman	Nonpoint Source	.,acdium	/ ITALICS	•
	Toxaphene (tissue & sediment)	rionpoint source	Medium	7.2 Miles	
	- compression (module ex dearment)	Nonpoint Source		, !!!!!	
	Toxicity		High	7.2 Miles	2004
	-	Nonpoint Source	J		
	Trash	.,	Low	7.2 Miles	
		Nonpoint Source			
4 R Calleguas Creek Reach 5 (was Beardsley 4031100	л.				
4 R Calleguas Creek Reach 5 (was Beardsley 4031100 Channel on 1998 303d list)	•				
	Algae	•	High	4.3 Miles	2002
		Nonpoint Source			
	ChemA (tissue)		Medium	4.3 Miles	
		Nonpoint Source			

Chlordane (tissue & sediment) Medium 4.3 Miles	CALWATER REGION TYPE NAME WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDU PRIORITY	: ESTIMATED SIZE AFFECTED	PROPOSED TMDL: COMPLETION
Charpyrifos (tissue)		Chlordane (tissue & sediment)		Medium	4.3 Miles	
Nonpoint Source		Chlorpyrifos (tissue)	Nonpoint Source	High	4.3 Miles	2003
		Dogthal (codiment)	Nonpoint Source		. 4.2 Miles	
Nonpoint Source			Nonpoint Source			
Dieldrin (tissue) Diel		DDT (tissue & sediment)	Nonpoint Source	Medium	4.3 Miles	
Radious Radi		Dieldrin (tissue)		Medium	4.3 Miles	
Nitrogen Nitrogen Nitrogen Nitrogen Nitrogen Nonpoint Source Nonpoint		Endosulfan (tissue & sediment)	Nonpoint Source	Medium	4.3 Miles	•
PCBs (lissue)		Nitrogen	Nonpoint Source	- High	4.3 Miles	2002
Nonpoint Source		PCRs (tissue)	Nonpoint Source		4.3 Miles	
Agriculture Amponit Source Angonit Source		, .	Nonpoint Source			•
Toxaphene (tissue & sediment) Medium 4.3 Miles Miles Medium 4.3 Miles Miles Miles Medium Medium Medium Medium Miles Mi		Sedimentation/Siltation	Agriculture	Low	4.3 Miles	•
Toxicity		Toxaphene (tissue & sediment)	Natural Sources	Medium	4.3 Miles	
Nonpoint Source Trash Ronpoint Source Nonpoint Source Nonpoint Source Nonpoint Source Ammonia Ammonia Nonpoint/Point Source Nonpoint Source		Toxicity	Nonpoint Source	High	4.3 Miles	2004
Nonpoint Source 4 R Calleguas Creek Reach 6 (was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list) Ammonia High 15 Miles 2002 Nonpoint/Point Source Chloride Nonpoint/Point Source Nonpoint/Point Source DDT (sediment) Medium 15 Miles Nonpoint Source Nonpoint Source DDT (sediment) Medium 15 Miles Nonpoint Source Nonpoint Source DDT (sediment) Medium 15 Miles Nonpoint Source			Nonpoint Source			2001
Posas Reaches 1 and 2 on 1998 303d list) Ammonia Migh Nonpoint/Point Source Chloride Nonpoint/Point Source Nonpoint/Point Source DDT (sediment) Nonpoint Source Fecal Coliform Low 15 Miles		Trash	Nonpoint Source	Low	4.3 Miles	
Ammonia High 15 Miles 2002 Nonpoint/Point Source Chloride High 15 Miles 2002 Nonpoint/Point Source Nonpoint/Point Source DDT (sediment) Medium 15 Miles Nonpoint Source Fecal Coliform Low 15 Miles						
Chloride High 15 Miles 2002 Nonpoint/Point Source DDT (sediment) Medium 15 Miles Nonpoint Source Fecal Coliform Low 15 Miles	,	Ammonia	Nonnoint/Point So		15 Miles	2002
DDT (sediment) Medium 15 Miles Nonpoint Source Fecal Coliform Low 15 Miles	·	Chloride		High	15 Miles	2002
Fecal Coliform Low 15 Miles		DDT (sediment)	Nonpoint/Point So		15 Miles	
Nonpoint/Point Source		Fecal Coliform	Nonpoint Source	Low	15 Miles	
Nitrate and Nitrite High 15 Miles 2002		Nitrate and Nitrite	Nonpoint/Point So	•	15 Miles	2002
Nonpoint/Point Source			Nonpoint/Point So	_		

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

TMDL ESTIMATED PROPOSED TMI PRIORITY SIZE AFFECTED COMPLETION PROPOSED TMDL WATERSHED POLLUTANT/STRESSOR* SOURCES REGION TYPE High Nitrate as Nitrate (NO3) 15 Miles 2002 Nonpoint/Point Source Sedimentation/Siltation Low 15 Miles Agriculture **Natural Sources** Sulfates High 15 Miles 2003 Nonpoint/Point Source **Total Dissolved Solids** High 15 Miles 2003 Nonpoint/Point Source 40367000 Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list) Ammonia High 14 Miles 2002 Nonpoint/Point Source Boron 2003 High 14 Miles Nonpoint Source Chloride High 2002 14 Miles Nonpoint Source Fecal Coliform 14 Miles Low Nonpoint Source Organophosphorus Pesticides Low 14 Miles **Municipal Point Sources** Agriculture Sedimentation/Siltation Low 14 Miles Agriculture **Natural Sources** Sulfates High 14 Miles 2003 Nonpoint Source **Total Dissolved Solids** High 14 Miles 2003 Nonpoint Source Calleguas Creek Reach 8 (was Tapo 40366000 Canyon Reach 1) Boron High 7.2 Miles 2003 Nonpoint/Point Source Chloride High 7.2 Miles 2002 Nonpoint/Point Source Sedimentation/Siltation Low 7.2 Miles Nonpoint Source

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CALWATER **POTENTIAL** ESTIMATED PROPOSED TMDL TMDL WATERSHED POLLUTANT/STRESSOR* REGION TYPE NAME SOURCES PRIORITY SIZE AFFECTED COMPLETION High Sulfates 7.2 Miles 2003 Nonpoint/Point Source Total Dissolved Solids High 7.2 Miles 2003 Nonpoint/Point Source 40312000 Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list) Algae High 1.7 Miles 2002 Nonpoint/Point Source ChemA (tissue) Low 1.7 Miles Nonpoint Source DDT (tissue) Low 1.7 Miles Nonpoint Source 1.7 Miles Endosulfan (tissue) Low Nonpoint Source Fecal Coliform Low 1.7 Miles Nonpoint/Point Source 1.7 Miles Nitrate as Nitrate (NO3) Low Nonpoint/Point Source 1.7 Miles Nitrate as Nitrogen Low Nonpoint/Point Source 1.7 Miles Nitrite as Nitrogen Low Nonpoint/Point Source Sedimentation/Siltation 1.7 Miles Low Agriculture **Natural Sources** 2003 Sulfates High 1.7 Miles Nonpoint/Point Source Total Dissolved Solids High 1.7 Miles 2003 Nonpoint/Point Source Medium 1.7 Miles Toxaphene (tissue & sediment) Nonpoint Source 40363000 Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list) High 6.2 Miles 2002 Algae Nonpoint/Point Source Ammonia High 6.2 Miles 2002 Nonpoint/Point Source

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

REGION TYPE NAME, CALWATER WATERSHED	POLLUTANT/STRESSOR+	POTENTIAL SOURCES	TMDL PRIORITY	The state of the s	PÓSED: TMDE MPLETION
	ChemA (tissue)		Low	6.2 Miles	
	Chloride	Nonpoint Source	High	6.2 Miles	2002
	DDT (tissue)	Nonpoint/Point Source	Low	6.2 Miles	
	Endosulfan (tissue)	Nonpoint Source	Low	6.2 Miles	
	Fecal Coliform	Nonpoint Source	Low	6.2 Miles	
	Sedimentation/Siltation	Nonpoint/Point Source	Low	6.2 Miles	
	Sulfates	Agriculture Natural Sources	High	6.2 Miles	2003
	Total Dissolved Solids	Nonpoint/Point Source	High	6.2 Miles	2003
	Toxaphene (tissue & sediment)	Nonpoint/Point Source	Medium	6.2 Miles	
	Toxicity	Nonpoint/Point Source	High	6.2 Miles	2004
4 R Calleguas Creek Reach 10 (Conejo Creek 40364000 (Hill Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)		1. On Court			
CI WAITOYO COILEJO IN FR OIL 1976 3030 listy	Algae		High	3 Miles	2002
	Ammonia	Nonpoint/Point Source	High	3 Miles	2002
	ChemA (tissue)	Nonpoint/Point Source	Medium	3 Miles	
	Chloride	Nonpoint Source	High	3 Miles	2002
	DDT (tissue)	Nonpoint/Point Source	Medium	3 Miles	
	Endosulfan (tissue)	Nonpoint Source Nonpoint Source	Medium	3 Miles	
	Fecal Coliform	Nonpoint Source	Low	3 Miles	
	80	Tronpoint Doutee			

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	ÅLWATER ATERSHED	POLLUTANT/STRESSOR*	POTENTIAL ***	TMDL PRIORITY		OPOSED TMDL OMPLETION
Employ countries (1986) 20 mg august 100 temper, as premised filed of the day day and to and the 100 to 100 mg at 50.	Committee and the committee of the commi	Nitrite as Nitrogen	- The second and the second sec	Low	3 Miles	March 14. March 14. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
		Sedimentation/Siltation	Nonpoint/Point Source	Low	3 Miles	
		Sulfates	Agriculture Natural Sources	YY:k	2 Miles	2002
		Sunates	Nonpoint Source	High	3 Miles	2003
		Total Dissolved Solids		High	3 Miles	2003
		Toxaphene (tissue & sediment)	Nonpoint/Point Source	Medium	3 Miles	
		Toxicity	Nonpoint Source	High	3 Miles	2004
			Nonpoint/Point Source			
4 R Calleguas Creek Reach I 1 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	40365000					
		Algae		High	8.7 Miles	2002
		Ammonia	Nonpoint/Point Source	High	8.7 Miles	2002
		ChemA (tissue)	Nonpoint/Point Source	Medium	8.7 Miles	
		DDT (tissue)	Nonpoint Source	Medium	8.7 Miles	
		Endosulfan (tissue)	Nonpoint Source	Medium	8.7 Miles	
		Fecal Coliform	Nonpoint Source	Low	8.7 Miles	
		Sedimentation/Siltation	Nonpoint/Point Source	Low	8.7 Miles	
			Agriculture Natural Sources			
		Sulfates	Nonpoint/Point Source	High	8.7 Miles	2003
		Total Dissolved Solids	•	High	8.7 Miles	2003
		Toxaphene (tissue & sediment)	Nonpoint/Point Source	Medium	8.7 Miles	
		Toxicity	Nonpoint/Point Source	High	8.7 Miles	2004
		00	Nonpoint/Point Source			

								DKA,F I
REGION	v Typi	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES			OPOSED TMDL OMPLETION
4	R	Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)	40364000					
		3034 Haty		Ammonia		High	5.5 Miles	2002
				Chlordane (tissue)	Nonpoint/Point Source	Medium	5.5 Miles	
				DDT (tissue)	Nonpoint Source	Medium	5.5 Miles	
				Sedimentation/Siltation	Nonpoint Source	Low	5.5 Miles	
					Agriculture Natural Sources			
				Sulfates		High	5.5 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	5.5 Miles	2003
					Nonpoint/Point Source			
4	R	Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	40368000	A SEPARATE SERVICE SER		30		rath (distribution), amount the distribution desired to the control of the contro
				Algae	•	High	17 Miles	2002
				Ammonia	Nonpoint/Point Source	High	17 Miles	2002
				Anmonia	Nonpoint/Point Source	, rugu	17 Willes	2002
				ChemA (tissue)	.vonponior onio source	Medium	17 Miles	
					Nonpoint Source			
				Chlordane (tissue)	ad lubuicants	Low	17 Miles	
				Historical use of pesticides a	Nonpoint Source			
		•		Chloride	•	High	17 Miles	2002
					Nonpoint/Point Source			
				DDT (tissue)		Medium	17 Miles	
			٠.	Dieldrin (tissue)	Nonpoint Source	Low	17 Miles	
				Historical use of pesticides a	nd lubricants.		1) Miles	
					Nonpoint Source			
				Endosulfan (tissue)	N	Medium	17 Miles	
				Hexachlorocyclohexane/HCH	Nonpoint Source I	Low	17 Miles	
				Historical use of pesticide an				
				•	Nonpoint Source			

CALWATER REGION TYPE, NAME WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED INDU
	PCBs (tissue)		Low	17 Miles	
	Historical use of pesticides and	lubricants.			
·	-	Nonpoint Source			
	Sedimentation/Siltation		Low	17 Miles	
		Agriculture			
·		Natural Sources			
	Sulfates		High	17 Miles	2003
		Nonpoint/Point Source			
	Total Dissolved Solids		High	17 Miles	2003
		Nonpoint/Point Source			
	Toxaphene (tissue & sediment)	•	Medium	17 Miles	
		Nonpoint Source			
	Toxicity		High	17 Miles	2004
		Nonpoint/Point Source	-		
4 R Canada Larga (Ventura River Watershed) 40210010					
, , , , , , , , , , , , , , , , , , , ,	Fecal Coliform		Low	8 Miles	
	Horse stables, land use, cattle,	and wildlife may be sources.			
		Nonpoint Source			
	Low Dissolved Oxygen		Low	8 Miles	
		Nonpoint Source			
4 C Carbon Beach 40416000					
	Beach Closures		High	1.5 Miles	2002
		Nonpoint Source			
	DDT		Low	1.5 Miles	
	Fish consumption advisory for I				
		Nonpoint Source			
	PCBs	n an	Low	1.5 Miles	
	Fish consumption advisory for i				
		Nonpoint Source	*		The second secon
4 C Castlerock Beach 40513000	.		_		
	Bacteria Indicators		Low	0.21 Miles	
		Nonpoint/Point Source			
	Beach Closures		High	0.21 Miles	2002
		Nonpoint Source			
	DDT		Low	0.21 Miles	
•	Fish Consumption Advisory for				
		Nonpoint Source			

CALWATER PROPOSED TMDL POTENTIAL ESTIMATED WATERSHED - POLLUTANT/STRESSOR REGION TYPE NAME SOURCES PRIORITY SIZE AFFECTED COMPLETION **PCBs** Low 0.21 Miles Fish Consumption Advisory for PCBs. Nonpoint Source 40311000 Channel Islands Harbor Lead (sediment) Medium 209 Acres Nonpoint Source Zinc (sediment) Medium 209 Acres Nonpoint Source 40311000 Channel Islands Harbor Beach Bacteria Indicators Low 0.08 Miles Nonpoint/Point Source Colorado Lagoon 40512000 Medium Chlordane (tissue & sediment) 13 Acres Nonpoint Source DDT (tissue) Medium 13 Acres Nonpoint Source Dieldrin (tissue) Medium 13 Acres Nonpoint Source Medium Lead (sediment) 13 Acres Nonpoint Source PAHs (sediment) Medium 13 Acres Nonpoint Source PCBs (tissue) Medium 13 Acres Nonpoint Source Sediment Toxicity Medium 13 Acres Nonpoint Source Zinc (sediment) Medium 13 Acres Nonpoint Source R Compton Creek 40515010 Copper High 8.5 Miles 2003 Nonpoint/Point Source High Coliform Count High 8.5 Miles 2002 Nonpoint/Point Source Lead High 8.5 Miles 2003 Nonpoint/Point Source pН High 8.5 Miles 2002 Nonpoint/Point Source

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TMDL ESTIMATED PROPOSED TMDL PRIORITY SIZE AFFECTED COMPLETION CALWATER POTENTIAL WATERSHED : POLLUTANT/STRESSOR* REGION TYPE NAME SOURCES Covote Creek 40515010 R Abnormal Fish Histology Medium 13 Miles Nonpoint/Point Source Algae High 13 Miles 2003 Nonpoint/Point Source Copper, Dissolved 13 Miles Low Nonpoint Source **High Coliform Count** High 13 Miles 2003 Nonpoint/Point Source Lead, Dissolved 13 Miles Low Nonpoint Source Selenium, Total 13 Miles Low Nonpoint Source Zinc, Dissolved Low 13 Miles Nonpoint Source 40543000 Crystal Lake Organic Enrichment/Low Dissolved Oxygen Medium 3.7 Acres Nonpoint Source Dan Blocker Memorial (Coral) Beach 40431000 \boldsymbol{C} **High Coliform Count** 2.1 Miles 2002 High Nonpoint Source Dockweiler Beach 40512000 **Beach Closures** High 4.6 Miles 2002 Nonpoint Source **High Coliform Count** High 4.6 Miles 2002 Nonpoint Source Dominguez Channel (above Vermont) 40512000 Aldrin (tissue) Medium 6.7 Miles Nonpoint/Point Source Ammonia Medium 6.7 Miles Nonpoint/Point Source 6.7 Miles ChemA (tissue) Medium Nonpoint/Point Source Medium 6.7 Miles Chlordane (tissue) Nonpoint/Point Source Chromium (sediment) Medium 6.7 Miles Nonpoint/Point Source

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

REGION TYPE NAME VATERSHE	R D POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY		OPOSED TMDLE
	Copper		Medium	6.7 Miles	
	DDT (tissue & sediment)	Nonpoint/Point Source	Medium	6.7 Miles	
	Dieldrin (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
	High Coliform Count	Nonpoint/Point Source Nonpoint/Point Source	High	6.7 Miles	2002
	Lead (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
	PAHs (sediment)	Nonpoint/Point Source	Medium	6.7 Miles	
	PCBs (tissue)	•	Medium	6.7 Miles	
	Zinc (sediment)	Nonpoint/Point Source Nonpoint/Point Source	Low	6.7 Miles	
4 R Dominguez Channel (Estuary to Vermont) 40512000			2.00		
7 1. Dountinguez Channel (Estuar) to vermone) 40512000	Aldrin (tissue)	N	Medium	8.3 Miles	
	Ammonia	Nonpoint/Point Source	Medium	8.3 Miles	
	Benthic Community Effects	Nonpoint/Point Source	Medium	8.3 Miles	
	ChemA (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
	Chlordane (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
	Chromium (sediment)	Nonpoint/Point Source	Medium	8.3 Miles	
·	Copper	Nonpoint/Point Source	Medium	8.3 Miles	
	DDT (tissue & sediment)	Nonpoint/Point Source	Medium	8.3 Miles	
	Dieldrin (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
	High Coliform Count	Nonpoint/Point Source	High	8.3 Miles	2002
	•	Nonpoint/Point Source			

							DIALL
REGION TYP	PE NAME	CÄLWATER WATERSHED	POLLUTANT/STRESSOR*	POTENHAL SOURCES	TMDL PRIORITY		OPOSED TMDLA
The same of the sa			Lead (tissue)		Medium	8.3 Miles	
			PAHs (sediment)	Nonpoint/Point Source	Medium	8.3 Miles	
			PCBs (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
			Zinc (sediment)	Nonpoint/Point Source Nonpoint/Point Source	Medium	8.3 Miles	
				Nonpoint Tout Source			
4 R	Dry Canyon Creek	40521000	Fecal Coliform		Low	3.9 Miles	•
			Selenium, Total	Urban Runoff/Storm Sewers Natural Sources	Low	3.9 Miles	
	·		Scientin, Ivea	Nonpoint Source	230 ;;	or manes	
4 R	Duck Pond Agricultural Dra Drain/Oxnard Drain No 2	ins/Mugu 40311000					
			ChemA (tissue)	•	Medium	12 Miles	
			At Drain No. 2. Historical us	• •			
			Chlordane (tissue) At drain No. 3	Nonpoint Source	Medium	12 Miles	
			DDT (tissue & sediment) At drain No. 4	Nonpoint Source	Medium	12 Miles	
			At Willia No. 4	Nonpoint Source			
			Nitrogen At drain No. 2		High	12 Miles	2002
			Sediment Toxicity	Nonpoint Source	Medium	12 Miles	
			At drain No. 5	Nonpoint Source			
			Toxaphene (tissue) At drain No. 6.		Medium	12 Miles	
			Toxicity At drain No. 2	Nonpoint Source	High	12 Miles	2004
AN TO THE RESERVE OF THE PARTY	Section Colors Supply			Nonpoint Source			
4 L	Echo Park Lake	40515010					ACCOUNTS PLAY SELECT TRANSPORTER
			Algae		Low	13 Acres	

Nonpoint Source

DRAFT PROPOSED TMDL CALWATER POTENTIAL TMDL ESTIMATED WATERSHED REGION TYPE A NAME SOURCES POLLUTANT/STRESSOR* PRIORITY SIZE AFFECTED. COMPLETION Ammonia Low 13 Acres Nonpoint Source Copper Low 13 Acres Nonpoint Source Eutrophic Low 13 Acres Nonpoint Source Lead Low 13 Acres Nonpoint Source Odors 13 Acres Low Nonpoint Source PCBs (tissue) Low 13 Acres Nonpoint Source pН Low 13 Acres Nonpoint Source 40515010 El Dorado Lakes Algae Medium 35 Acres Nonpoint Source Ammonia 35 Acres Medium Nonpoint Source Copper Medium 35 Acres Nonpoint Source Eutrophic Medium 35 Acres Nonpoint Source Lead Medium 35 Acres Nonpoint Source Medium Mercury (tissue) 35 Acres Nonpoint Source pН Medium 35 Acres Nonpoint Source 40351000 Elizabeth Lake Eutrophic Medium 123 Acres Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Medium 123 Acres Nonpoint Source Medium 123 Acres рH Nonpoint Source Trash Medium 123 Acres Nonpoint Source

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REGION	TYPI	NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES			DPOSED TIMBLE DMPLETION
4	C	Escondido Beach	40434000					
				Beach Closures		High	1.2 Miles	2002
				DDT ·	Nonpoint Source	Low	1.2 Miles	
				Fish consumption advisory for I	DDT.	LOW	1.2 Willes	
					Nonpoint Source			
				PCBs		Low	1.2 Miles	
				Fish consumption advisory for I				
			· in process of the contract		Nonpoint Source			
4	C	Flat Rock Point Beach Area	40511000	Decel Classes		krt_s.	0.11 350	
				Beach Closures		High	0.11 Miles	2002
				DDT	Nonpoint Source	¥ a	0.11 Miles	
		•		Fish Consumption Advisory for	DDT	Low	0.11 Miles	
				Tion Consumption Nationally Jet	Nonpoint Source			
				PCBs	-	Low	0.11 Miles	
				Fish Consumption Advisory for				
E325560			5764 L S & R 7676		Nonpoint Source			
4	R	Fox Barranca (tributary to Calleguas Creek Reach 6)	40362000					
				Boron	•	High	6.7 Miles	2003
					Nonpoint Source			
				Nitrate and Nitrite		High	6.7 Miles	2002
				Sulfates	Nonpoint Source	7Y:_L	67 Miles	2002
				Sulfates	Name at the Carrage	High	6.7 Miles	2003
				Total Dissolved Solids	Nonpoint Source	High	6.7 Miles	2003
					Nonpoint Source	g		2000
<u> </u>	C	Hermosa Beach	40512000					
4	C	Hermusa Deach	40314000	Beach Closures		High	2 Miles	2002
				•	Nonpoint Source	Ü		
GEECE SEE	C	Hobie Beach (Channel Islands Harbor)	40311000					***
**	Ç	Hobic Deach (Channel Islands Harbur)	40211000	Bacteria Indicators		Low	0.06 Miles	
					Nonpoint/Point Source			
6-32-32-32-32-32-32-32-32-32-32-32-32-32-	R	Hopper Creek	40341000	The second secon				
4		Hopper Citer	40341000	Sulfates		Low	13 Miles	
					Nonpoint/Point Source	•		

DRAFT CALWATER PROPOSED TMDL ESTIMATED TMDL REGION TYPE NĂME WATERSHED POLICUTANT/STRESSOR* SOURCES PRIORITY SIZE-AFFECTED COMPLETION **Total Dissolved Solids** 13 Miles Low Nonpoint/Point Source **Inspiration Point Beach** 40511000 **Beach Closures** High 0.14 Miles 2002 Nonpoint Source DDT Low 0.14 Miles Fish Consumption Advisory for DDT. Nonpoint Source **PCBs** Low 0.14 Miles Fish Consumption Advisory for PCBs. Nonpoint Source La Costa Beach 40416000 **Beach Closures** High 0.74 Miles 2002 Nonpoint Source DDT Low 0.74 Miles Fish Consumption Advisory for DDT. Nonpoint Source **PCBs** 0.74 Miles Low Fish Consumption Advisory for PCBs. Nonpoint Source 40521000 Lake Calabasas Low 18 Acres Ammonia Nonpoint Source DDT (tissue) Low 18 Acres Nonpoint Source 18 Acres Eutrophic Low Nonpoint Source 18 Acres Odors Low Nonpoint Source Organic Enrichment/Low Dissolved Oxygen 18 Acres Low Nonpoint Source 18 Acres рH Low Nonpoint Source 40351000 Lake Hughes L Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres Nonpoint Source

REGION: TYPE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY S	ESTIMATED = - PR IZE AFFECTED = - (OPOSED TMDL. OMPLETION
		Fish Kills		Medium	21 Acres	
		Odors	Nonpoint Source	Medium	21 Acres	
		Trash	Nonpoint Source	Medium	21 Acres	
			Nonpoint Source			
4 L Lake Lindero	40423000	Algae		High	15 Acres	2002
		Chloride	Nonpoint Source	Low	15 Acres	
		Eutrophic	Nonpoint Source	High	15 Acres	2002
		Odors	Nonpoint Source	High	15 Acres	2002
		Specific conductivity	Nonpoint Source	Low	15 Acres	
		Trash	Nonpoint Source	Medium	15 Acres	
	<		Nonpoint Source			
4 L Lake Sherwood	40426000	Algae		High	135 Acres	2002
		Ammonia	Nonpoint Source	High	135 Acres	2002
		Eutrophic	Nonpoint Source	High	135 Acres	2002
		Mercury (tissue)	Nonpoint Source Nonpoint Source	Medium	135 Acres	
		Organic Enrichment/Low Disso	-	High	135 Acres	2002
4 C Las Flores Beach	40415000	/C**	anpoint Source			and the second s
7 C Las Fiores Deach	40413000	DDT		Low	1.1 Miles	
		Fish Consumption Advisory for	i contract of the contract of			
	,	High Coliform Count	Nonpoint Source	High	1.1 Miles	2002
•			Nonpoint Source			

REGI	ON TY	PE NA		ALWATER ATERSHED	POLLUTANT/STRESSOR	POTENTIÁL SOURCES	TMDL T PRIORITY (SIZ		PROPOSED TMDL COMPLETION
					PCBs		Low	1.1 Miles	
					Fish Consumption Advisory for H				
						Nonpoint Source			
4	C	Las Tunas Bo	each	40412000	n I Cl		*** *	1.2 3.60	2002
					Beach Closures	Name and Course	High	1.2 Miles	2002
					DDT	Nonpoint Source	Low	1.2 Miles	
					Fish Consumption Advisory for L	DDT.			
						Nonpoint Source			
		•			PCBs		Low	1.2 Miles	
					Fish Consumption Advisory for F	PCBs. Nonpoint Source			
4	R	Las Virgenes	Creek	40422010		-			
		J			High Coliform Count		High	12 Miles	2002
					·	Nonpoint Source			
					Nutrients (Algae)		High	12 Miles	2002
			•			Nonpoint Source	*** 1	40. 350	2002
					Organic Enrichment/Low Dissol		High	12 Miles	2002
					Scum/Foam-unnatural	Nonpoint Source	High	12 Miles	2002
					Stund & Gain-umatural	Nonpoint Source	11.g.	12 Miles	2002
					Sedimentation/Siltation	Tronpoint Boat CC	Low	12 Miles	•
			•			Source Unknown			
				•	Selenium		Medium	12 Miles	
				•		Nonpoint Source			
					Trash		Medium	12 Miles	
						Nonpoint Source			
4	L	Legg Lake		40531000					
					Ammonia		Medium	25 Acres	
					Canan	Nonpoint Source	Modium	25 4	
					Copper	N	Medium	25 Acres	
			-		Lead	Nonpoint Source	Medium	25 Acres	
					2000	Nonpoint Source	**** *** *** *** ***		
					Odors	pome boar ee	Medium	25 Acres	
						Nonpoint Source			
					pH		Medium	25 Acres	
						Nonpoint Source			

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REGION	(TYP)	E NAME:	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENDIAL A SOURCES	TMDL PRIORITYA S		oposed TMDL ompletion
				Trash		Low	25 Acres	
	722 2 2 2 2 X				Nonpoint Source			
4	С	Leo Carillo Beach (South of County Line)	40444000	Beach Closures	_	High	1.8 Miles	2002
				High Coliform Count	Nonpoint Source	High	1.8 Miles	2002
					Nonpoint Source			
4	L	Lincoln Park Lake	40515010	Ammonia		Low	3.8 Acres	
				Eutrophic	Nonpoint Source	Low	3.8 Acres	
				Lead	Nonpoint Source	Low	3.8 Acres	
				Odors	Nonpoint Source	Low	3.8 Acres	
				Organic Enrichment/Low Dis	Nonpoint Source ssolved Oxygen	Low	3.8 Acres	
*************					Nonpoint Source			
4	R	Lindero Creek Reach 1	40423000	Algae		High	3 Miles	2002
					Nonpoint Source	,		
				High Coliform Count	·	High	3 Miles	2002
				Scum/Foam-unnatural	Nonpoint Source	High	3 Miles	2002
				Selenium	Nonpoint Source	Medium	3 Miles	
				Trash	Nonpoint Source	Medium	3 Miles	
					Nonpoint Source			
4	R	Lindero Creek Reach 2 (Above Lake)	40425000		The second secon	**************************************		
		` ,		Algae		High	4.5 Miles	2002
				High Coliform Count	Nonpoint Source	High	4.5 Miles	2002
				Scum/Foam-unnatural	Nonpoint Source	High	4.5 Miles	2002
					Nonpoint Source	-		

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REGION	TŸPI	NAME :	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED P SIZE AFFECTED	ROPOSED TMDE. COMPLETION
		- · · · · · · · · · · · · · · · · · · ·		Selenium	, , , , , , , , , , , , , , , , , , , ,	Medium	4.5 Miles	
					Nonpoint Source			
				Trash		Medium	4.5 Miles	
					Nonpoint Source			
4	В	Long Beach Harbor Main Channel, SE, W Basin, Pier J, Breakwater	40518000					
				Benthic Community Effects		Medium	1076 Acres	
					Nonpoint Source			
				DDT (tissue)		Medium	1076 Acres	
				Fish Consumption Advisory.	N -1 4 C			
				PAHs (sediment)	Nonpoint Source	Medium	1076 Acres	
			•	1 Alls (sealthent)	Namoint Course	Mediani	1070 Acres	
				PCBs (tissue)	Nonpoint Source	Medium	1076 Acres	
				Fish Consumption Advisory.		1/104/4/11	1070 Meres	
				,	Nonpoint Source			
				Sediment Toxicity		Medium	1076 Acres	
					Nonpoint Source			
4	C	Long Point Beach	40511000					
4	C	Long Point Beach	40511000	DDT		Low	0.7 Miles	
4	С	Long Point Beach	40511000	DDT Fish Consumption Advisory for		Low		
4	C	Long Point Beach	40511 <u>0</u> 00	Fish Consumption Advisory for	<i>DDT.</i> Nonpoint Source		0.7 Miles	
4	C	Long Point Beach	40511000		Nonpoint Source	Low High		2002
4	C	Long Point Beach	40511000	Fish Consumption Advisory for High Coliform Count		High	0.7 Miles	2002
4	С	Long Point Beach	40511000	Fish Consumption Advisory for High Coliform Count PCBs	Nonpoint Source		0.7 Miles	2002
4	C	Long Point Beach	40511000	Fish Consumption Advisory for High Coliform Count	Nonpoint Source	High	0.7 Miles	2002
4	24			Fish Consumption Advisory for High Coliform Count PCBs	Nonpoint Source Nonpoint Source PCBs.	High	0.7 Miles	2002
4	C B	Long Point Beach Los Angeles Fish Harbor	40511000 40518000	Fish Consumption Advisory for High Coliform Count PCBs	Nonpoint Source Nonpoint Source PCBs.	High	0.7 Miles	2002
4	24			Fish Consumption Advisory for High Coliform Count PCBs Fish Consumption Advisory for	Nonpoint Source Nonpoint Source PCBs.	High Low	0.7 Miles 0.7 Miles 0.7 Miles	2002
4	24			Fish Consumption Advisory for High Coliform Count PCBs Fish Consumption Advisory for	Nonpoint Source Nonpoint Source PCBs. Nonpoint Source	High Low	0.7 Miles 0.7 Miles 0.7 Miles	2002
4	24			Fish Consumption Advisory for High Coliform Count PCBs Fish Consumption Advisory for DDT	Nonpoint Source Nonpoint Source PCBs. Nonpoint Source	High Low Medium	0.7 Miles 0.7 Miles 0.7 Miles 34 Acres	2002
4	24			Fish Consumption Advisory for High Coliform Count PCBs Fish Consumption Advisory for DDT	Nonpoint Source Nonpoint Source PCBs. Nonpoint Source Nonpoint Source	High Low Medium	0.7 Miles 0.7 Miles 0.7 Miles 34 Acres	2002
4	24			Fish Consumption Advisory for High Coliform Count PCBs Fish Consumption Advisory for DDT PAHs	Nonpoint Source Nonpoint Source PCBs. Nonpoint Source Nonpoint Source	High Low Medium Medium	0.7 Miles 0.7 Miles 0.7 Miles 34 Acres	2002
4 4	24			Fish Consumption Advisory for High Coliform Count PCBs Fish Consumption Advisory for DDT PAHs	Nonpoint Source PCBs. Nonpoint Source Nonpoint Source Nonpoint Source	High Low Medium Medium	0.7 Miles 0.7 Miles 0.7 Miles 34 Acres	2002
4 4	В	Los Angeles Fish Harbor	40518000	Fish Consumption Advisory for High Coliform Count PCBs Fish Consumption Advisory for DDT PAHs	Nonpoint Source PCBs. Nonpoint Source Nonpoint Source Nonpoint Source	High Low Medium Medium	0.7 Miles 0.7 Miles 0.7 Miles 34 Acres	2002

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

2002 CWA SECTION 303(d) L	151 OF WATER	QUALITY L	HATITED SE	LGMENTS	DRAFT
REGION TYPE NAME. CALWATER WATERSHED	POLLUTANI/STRESSOR-	POTENTIAL SOURCES.	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION:
	Cadmium (sediment)	-	Low	36 Acres	
	Historical use of pesticides an	d lubricants, stormwater runoj	f, aerial deposition, and	d historical discharges	for metals.
		Nonpoint Source			
	Chlordane (tissue & sediment)	•	Medium	36 Acres	
		Nonpoint Source			
	Chromium (sediment)		Medium	36 Acres	
		Nonpoint Source			
	Copper (sediment)		Low	36 Acres	
		Nonpoint Source			
	DDT (tissue & sediment)	•	Medium	36 Acres	
	Fish Consumption Advisory fo	or DDT.			
		Nonpoint Source			•
	Dieldrin (tissue)	•	Low	36 Acres	
	Historical use of pesticides and	d lubricants, stormwater runoj Nonpoint Source	f, aerial deposition, and	d historical discharges	for metals.
	Lead (sediment)		Medium	36 Acres	
		Nonpoint Source			
•	Mercury (sediment)	•	Low	36 Acres	
	Historical use of pesticides and	d lubricants, stormwater runoj Nonpoint Source	J, aerial deposition, and	d historical discharges	for metals.
	PAHs (sediment)	•	Medium	36 Acres	
		Nonpoint Source			
	PCBs (tissue & sediment)	•	Medium	36 Acres	
	Fish Consumption Advisory fo	r PCBs.	•		
		Nonpoint Source			
	Sediment Toxicity		Medium	36 Acres	
		Nonpoint Source			
	Zinc (sediment)	-	Medium	36 Acres	
	Historical use of pesticides and	d lubricants, stormwater runo <u>f</u>	J, aerial deposition, and	l historical discharges	for metals.
		Nonpoint Source			
4 B Los Angeles Harbor Inner Breakwater 40512000	A STATE OF THE PARTY OF THE PAR				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	DDT		Medium	74 Acres	
		Nonpoint Source			
	PAHs	point courte	Medium	74 Acres	
		Nonpoint Source			
	PCBs	Toubour oun ce	Medium	74 Acres	
		Nonnaint Sauras			
		Nonpoint Source			

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В	Los Angeles Harbor Main Channel	40518000					20. San September 201 No. 1 San 1
	Los Augeres Harbor Wall Chamier	40316000	Beach Closures		High	279 Acres	2003
		•		Nonpoint/Point Source			
			Copper (tissue & sediment)		Medium	279 Acres	
				Nonpoint/Point Source			
			DDT (tissue & sediment)		Medium	279 Acres	
			Fish Consumption Advisory fo			,	
			PAHs (tissue & sediment)	Nonpoint/Point Source	Medium	279 Acres	
			17113 (tissue & stument)	Nonpoint/Point Source	Wiculum	219 Acres	
			PCBs (tissue & sediment)	Nonpolitor offit Source	Medium	279 Acres	
			Fish Consumption Advisory fo	r PCBs.			•
				Nonpoint/Point Source			
			Sediment Toxicity		Medium	279 Acres	
				Nonpoint/Point Source			
			Zinc (tissue & sediment).		Medium	279 Acres	
				Nonpoint/Point Source			490
В	Los Angeles Harbor Southwest Slip	40512000					
			DDT		Medium	63 Acres	
			Fish Consumption Advisory fo	r DDT.  Nonpoint Source			
	•		PCBs	Nonpoint Source	Medium	63 Acres	
			Fish Consumption Advisory fo	r PCBs.			
				Nonpoint Source			
			Sediment Toxicity		Medium	63 Acres	
				Nonpoint Source		P 1004 Web 00000000000000000000000000000000000	
E	Los Angeles River Estuary (Queensway Bay)	40512000					-
			Chlordane (sediment)		Low	261 Acres	•
			Historical use of pesticides and	d lubricants.  Nonpoint Source			
			DDT (sediment)	rionpoint source	Low	261 Acres	
			Historical use of pesticides an	d lubricants.			
			••	Nonpoint Source			
			Lead (sediment)		Low	261 Acres	
			Historical use of pesticides and				
				Nonpoint Source	-		
			PCBs (sediment)		Low	261 Acres	

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DRAFT CALWATER ESTIMATED PROPOSED TMDL TMDL REGION TYPE : SINAME WATERSHED POLLUTANT/STRESSOR* SOURCES SIZE AFFECTED : COMPLETION -PRIORITY Zinc (sediment) 261 Acres Low Historical use of pesticides and lubricants. Nonpoint Source Los Angeles River Reach 1 (Estuary to 40512000 Carson Street) Aluminum, Total Low 3.4 Miles Nonpoint/Point Source Ammonia High 3.4 Miles 2002 Nonpoint/Point Source 3.4 Miles Cadmium, Dissolved Low Nonpoint/Point Source 3.4 Miles Copper, Dissolved Low Nonpoint/Point Source **High Coliform Count** Hìgh 3.4 Miles 2002 Nonpoint/Point Source High 3.4 Miles 2003 Lead Nonpoint/Point Source Nutrients (Algae) High 3.4 Miles 2002 Nonpoint/Point Source pН High 3.4 Miles .2002 Nonpoint/Point Source Scum/Foam-unnatural Hìgh 3.4 Miles 2002 Nonpoint/Point Source Zinc, Dissolved Low 3.4 Miles Nonpoint/Point Source Los Angeles River Reach 2 (Carson to 40515010 Figueroa Street) Hìgh 19 Miles 2002 Ammonia Nonpoint/Point Source **High Coliform Count** High 19 Miles 2002 Nonpoint/Point Source Lead High 19 Miles 2003 Nonpoint/Point Source High 19 Miles 2002 Nutrients (Algae) Nonpoint/Point Source High 19 Miles 2002 Odors

Nonpoint/Point Source

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REGIÓN	TYPE		CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDI PRIORITY	ESTIMA SIZE AFFE		ROPOSED EMDI. COMPLETION
				Oil	•	Low	19	Miles	
				Scum/Foam-unnatural	Nonpoint/Point Source  Nonpoint/Point Source	High	19	Miles	2002
4	R	Los Angeles River Reach 3 (Figueroa St. to	40521000				7 E ST		
•		Riverside Dr.)			•				
				Ammonia		High	7.9	Miles	2002
				Nutrionto (Alberta)	Nonpoint/Point Source	II:L	7.0	Miles	2002
				Nutrients (Algae)	Nonpoint/Point Source	High	1.9	Miles	2002
				Odors	Nonpoint of the Source	High	7.9	Miles	2002
					Nonpoint/Point Source	· ·			
				Scum/Foam-unnatural		High	7.9	Miles	2002
******			5 TV 1945 TV 10 10 10 10 10 10 10 10 10 10 10 10 10		Nonpoint/Point Source		13.65_31C_ <b>T</b> ECHNOLOGI		
4	R	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	40521000						
				Ammonia		High	11	Miles	2002
				High Coliform Count	Nonpoint/Point Source	High	11	Miles	2002
				Lead	Nonpoint/Point Source	High	11	Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	11	Miles	2002
					Nonpoint/Point Source				
				Odors		High	11	Miles	2002
				Scum/Foam-unnatural	Nonpoint/Point Source	High	11	Miles	2002
C 1 - T. C. 1 - W 2 2 2 - W 4 2	owners.				Nonpoint/Point Source				
4	R	Los Angeles River Reach 5 ( within Sepulveda Basin)	40521000					-	
		•		Ammonia		High	5.4	Miles	2002
				ChemA (tissue)	Nonpoint/Point Source	Medium	5.4	Miles	
				Nutrients (Algae)	Nonpoint/Point Source	High	5.4	Miles	2002
				Odors	Nonpoint/Point Source	High	5.4	Miles	2002
					Nonpoint/Point Source				

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REGIO	v. Typ	e Name v	CALWATER VATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY S		PROPOSED TMDL COMPLETION:
A STATE OF THE PROPERTY OF THE				Oil		Low	5.4 Miles	oran program a consequentitiis (the American Ame
				Scum/Foam-unnatural	Nonpoint/Point Source Nonpoint/Point Source	High	5.4 Miles	2002
4	R	Los Angeles River Reach 6 (Above	40521000		(Nonpolitor office Source			
•	•	Sepulveda Flood Control Basin)		5.11				
				Dichloroethylene/1,1-DCE	Nonpoint Source	Low	7 Miles	
				High Coliform Count	rosposit source	High	7 Miles	2002
					Nonpoint Source			
				Tetrachloroethylene/PCE	Nonpoint Source	Low	7 Miles	
				Trichloroethylene/TCE	Nonpolit Source	Low	7 Miles	
					Nonpoint Source	,		
4	Т	Los Cerritos Channel	40515010			B.6 - d:	31 Acres	
		•		Ammonia	Nonpoint Source	Medium	31 Acres	
				Chlordane (sediment)		Low	31 Acres	
				Copper	Source Unknown	Medium	31 Acres	
		·		Соррег	Nonpoint Source	Medium	31 Acres	
				High Coliform Count	_	Medium	31 Acres	
				Lead	Nonpoint Source	Medium	31 Acres	
				Leau	Nonpoint Source	1vaculum	Ji Atits	
	`			Zinc		Medium	31 Acres	
<b>3</b>	e de la compa			granica de la Campiona de C	Nonpoint Source			
4	C	Lunada Bay Beach	40511000	Beach Closures		Low	0.63 Miles	
		•			Nonpoint Source			
4	L	Machado Lake (Harbor Park Lake)	40512000					
				Algae	Name and Cause	Low	45 Acres	
				Ammonia	Nonpoint Source	Low	45 Acres	
		•			Nonpoint Source			
				ChemA (tissue)  Historical use of pesticides and	lubricants.	Medium	45 Acres	
				22.550. roas use of personnes time	Nonpoint Source			
				400				

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	- POTENTIAL SOURCES	TMDL PRIGRITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Chlordane (tissue)		Low	45 Acres	
			Fish Consumption Advisory.				
				Nonpoint Source			
			DDT (tissue)		Low	45 Acres	
			Fish Consumption Advisory.				
			Dialdula (dansa)	Nonpoint Source	. I a	45 4	
•			Dieldrin (tissue)		Low	45 Acres	
	•		Futuonkia	Nonpoint Source	Low	45 Acres	
			Eutrophic		Low	45 Acres	
			Odors	Nonpoint Source	7	45 4	
			Odors	N	Low	45 Acres	
			PCBs (tissue)	Nonpoint Source	Low	45 Acres	
			reas (tissue)	N	LOW	45 Acres	
	•		Trash	Nonpoint Source	Medium	45 Acres	
			11 2511	N 140	Medialii	45 Acres	
				Nonpoint Source			
4 C	Malaga Cove Beach	40511000		•			
	•		Beach Closures		High	0.39 Miles	2002
				Nonpoint Source			
	•		DDT  Fish Consumption Advisors for	DDT	Low	0.39 Miles	
			Fish Consumption Advisory for	Nonpoint Source			
			PCBs	Trompoint Source	Low	0.39 Miles	
			Fish Consumption Advisory for	PCBs.			
				Nonpoint Source			
á L	Malibou Lake	40424000					
			Algae		High	40 Acres	2002
				Nonpoint Source			
			Chlordane (tissue)	-	Low	40 Acres	
•	•			Source Unknown			
			Eutrophic		High	40 Acres	2002
				Nonpoint Source			
			Organic Enrichment/Low Disso		High	40 Acres	2002
				Nonpoint Source			
			PCBs (tissue)		Low	40 Acres	
				Source Unknown			
4 C	Malibu Beach	40421000					
-			Beach Closures		High	0.77 Miles	2002
•				Nonpoint Source			
				-			

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REGION TYPE		LWATER TERSHED	POLLUTANT/STRESSOR*	POTENITAL F	TMDL; ES	TIMATED PROPORTED COM	SED TMDL PLETION
			DDT		Low	0.77 Miles	A TOTAL DYLLEGIS
			Fish Consumption Advisory for I	DDT.			
				Nonpoint Source			
4 R Ma	libu Creek	40421000					
			Fish barriers		Low	11 Miles	
				Dam Construction			
			High Coliform Count		High	11 Miles	2002
				Nonpoint/Point Source			
	•		Nutrients (Algae)		High	11 Miles	2002
				Nonpoint/Point Source			
			Scum/Foam-unnatural	•	High	11 Miles	2002
				Nonpoint/Point Source	_		
			Sedimentation/Siltation		Low	11 Miles	
				Source Unknown	B. C. allando	44 349	
	•		Trash		Medium	11 Miles	
<i>P.</i> 6.				Nonpoint Source			
4 E Mai	libu Lagoon	40421000	<b>B</b> 41 6	•	_	4.	
			Benthic Community Effects		Low	15 Acres	
			Entonio Vinnos	Nonpoint/Point Source	IIi.ab	15 A a	2002
			Enteric Viruses	N	High	15 Acres	2002
			Eutrophic	Nonpoint/Point Source	High	15 Acres	2002
			24. opine	Nonpoint/Point Source	***P**	. Acres	2002
			High Coliform Count	nonponiox onic Source	High	15 Acres	2002
			• · · · · · · · · · · · · · · · · · · ·	Nonpoint/Point Source	6		
			рН		Low	15 Acres	
			Possible sources might be septic	systems, storm drains, and birds.			
		,		Source Unknown			
			Shellfish Harvesting Advisory		High	15 Acres	2002
				Nonpoint/Point Source			
			Swimming Restrictions		High	15 Acres	2002
				Nonpoint/Point Source	Personal Property of the Control of		
4 C Mal	libu Lagoon Beach (Surfrider)	40421000					
			Beach Closures		High	1 Miles	2002
				Nonpoint Source	_		
			DDT  Fish Consumption Advisory for I	nnT	Low	1 Miles	
			Fish Consumption Advisory for 1	Nonpoint Source			
				po.m. oourte			

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			<del></del>						DRAFI
REGION 1	TYPE	NAME	CALWATERS WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMA SIZE AFF)	TED CTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	1	Miles	2002
					Nonpoint Source				
				PCBs	•	Low	1	Miles	
				Fish Consumption Advisory for	PCBs.				
					Nonpoint Source				
4	C	Manhattan Beach	40512000						
				Beach Closures		High	2	Miles	2002
					Nonpoint Source				
A A	В	Marine dat Day Harbar Book Rasins	40517000				-77. SERVICE		
4	Б	Marina del Rey Harbor - Back Basins	40317000	Chlordane (tissue & sediment)		High	301	Acres	2004
				omor dane (doode & seament)	Nonpoint Source	***6"	371	rici co	2007
				Copper (sediment)	ranboint pontce	High	. 301	Acres	2004
				opper (seasment)	Nannaint Course	111611	371	ALI ES	<b>+004</b>
				DDT (tissue & sediment)	Nonpoint Source	High	301	Acres	2004
				Historical use of pesticides, stor	m water runoff/aerial den				· · · · · · · · · · · · · · · · · · ·
				DDT.	sico i sinojji uci tu ucpt			resung	
					Nonpoint Source				
				Dieldrin (tissue)		High	391	Acres	2004
					Nonpoint Source				
				Fish Consumption Advisory		High	391	Acres	2004
					Nonpoint Source				
				High Coliform Count		High	391	Acres	2003
					Nonpoint Source				
				Lead (sediment)		High	391	Acres	2004
					Nonpoint Source			-	
				PCBs (tissue & sediment)		High	391	Acres	2004
-				Historical use of pesticides, stor PCBs in tissue.		osition from urban areas.	Shellfish ha	rvesting (	ndvisory for
					Nonpoint Source				
			·	Sediment Toxicity		High	391	Acres	2004
					Nonpoint Source				
				Zinc (sediment)		High	391	Acres	2004
					Nonpoint Source				
4	C	Marina del Rey Harbor Beach	40517000				* ***		
		-		Beach Closures		High	0.29	Miles	2003
					Nonpoint Source	•			
				High Coliform Count	•	High	0.29	Miles	2003
					Nonpoint Source				
			The second secon			CHARLES TO SECURITION OF THE S	61. N. S. L. S. C. S. L. S. S. C. S.	Autorian and an extension	

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REGION	TYPE	NAME V	GALWATER VATERSHED	PÖLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY =	southern - Approximation A. A. Allen State and A.	OPOSED TMDL OMPLETION #
4	R	Matilija Creek Reach 1 (Jct. With N. Fork to Reservoir)	40220012				-	
				Fish barriers	D. C. A. W.	Low	0.63 Miles	
			4000000		Dam Construction			
4	R	Matilija Creek Reach 2 (Above Reservoir)	40220010	Fish barriers		Low	15 Miles	
					Dam Construction			
4	L	Matilija Reservoir	40220012					
				Fish barriers		Low	121 Acres	
					Dam Construction			
4	R	McCoy Canyon Creek	40521000	Earl Californ			4 349	
				Fecal Coliform	Nonpoint Source	Low	4 Miles	
				Nitrate	Nonpoint Source	Low	4 Miles	
			•		Nonpoint Source			
				Nitrate as Nitrogen		Low	4 Miles	
					Urban Runoff/Storm Sewers Natural Sources			
				Selenium, Total		Low	4 Miles	
					Urban Runoff/Storm Sewers			
	Sec.			A. A	Natural Sources	######################################		
4	C	McGrath Beach	40311000	High Coliform Count		High	1.5 Miles	2002
				riigii Contorni Count	Nonpoint Source	mign	1.5 Miles	2002
4	ı	McGrath Lake	40311000			And the second s	W	
•	L	Mediatii Bake	40311000	Chlordane (sediment)		Medium	20 Acres	
					Nonpoint Source			
				DDT (sediment)		Medium	20 Acres	
				Dieldrin (sediment)	Nonpoint Source	Low	20 Acres	
				, ,	lubricants, storm water runoff/aeri			
				non ( II )	Nonpoint Source	-		
		•		PCBs (sediment)  Historical use of pesticides and	lubricants, storm water runoff/aeri	Low al deposition from	20 Acres n agricultural fields.	
				The state of positioned time	Nonpoint Source			
				Sediment Toxicity		Medium	20 Acres	
	NAME OF THE OWNER, AND				Nonpoint Source			

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J. 40 . 40 . 44 .		The state of the s	5 V	grand the second				DRAFI
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	* TMDL PRIORITY		OPOSED TMDL OMPLETION
4	R	Medea Creek Reach 1 (Lake to Confl. with Lindero)	40424000					
		Linueroy		Algae	•	High	2.6 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	2.6 Miles	2002
		•		Sedimentation/Siltation	Nonpoint Source	Low	2.6 Miles	
				Seumentation/Sittation	Source Unknown	LOW	2.0 Willes	
				Selenium		Medium	2.6 Miles	
					Nonpoint Source			
				Trash		Medium	2.6 Miles	
					Nonpoint Source			
4	R	Medea Creek Reach 2 (Abv Confl. with Lindero)	40423000					
		•		Algae		High	5.4 Miles	2002
				W. I. G. W. G A	Nonpoint Source		<b>=</b> 4 × 500	
				High Coliform Count	Nonpoint Source	High	5.4 Miles	2002
				Sedimentation/Siltation	Nonporni Source	Low	5.4 Miles	
					Source Unknown			
				Selenium		Medium	5.4 Miles	
				Trash	Nonpoint Source	Medium	5.4 Miles	
			-	114311	Nonpoint Source	Medium	3.4 Miles	
4	R	Mint Canyon Creek Reach 1 (Confl to	40351000					
		Rowler Cyn)		Nita a Nita *a		##: _L	0.1 34"	2002
				Nitrate and Nitrite	Nonpoint Source	High	8.1 Miles	2003
(EEEEEEE	R	Monrovia Canyon Creek	40531000		Tronpoint Gout CC			
4	ľ	monitoria Canyon Cicex	40331000	Lead	-	Medium	3.4 Miles	
_		· · · · · · · · · · · · · · · · · · ·			Nonpoint Source			
4	L	Munz Lake	40351000		0. 16			
				Eutrophic		Medium	6.6 Acres	
				Trash	Nonpoint Source	Medium	6.6 Acres	
				a : #JH	Nonpoint Source	uiuiii	olo Atles	
E11.17/11/15/	F4 1 2 4 1 4 1 1 1							

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REG	ION	TYPE	NAME	CALWATER VATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECT	PROPOSED TMDL D COMPLETION
4	4	C	Nicholas Canyon Beach	40444000					
					Beach Closures		High	1.7 Mil	es 2002
						Nonpoint Source			
					DDT		Low	1.7 Mil	es
					Fish Consumption Advisory for	DDT.			
						Nonpoint Source			
					PCBs		Low	1.7 <b>Mil</b>	es
					Fish Consumption Advisory for	PCBs.			
200 <b>81000</b>						Nonpoint Source			
4	4	С	Ormond Beach	40311000					
					Bacteria Indicators		Low	1.6 Mil	es
					The areas affected are: a 50 ya	rd area north of Oxnard Industrial L	Drain and a 50 y	ard area south of	J Street drain.
						Nonpoint/Point Source			
	4	R	Palo Comado Creek	40423000					
					High Coliform Count		High	6.8 Mil	es 2002
						Nonpoint Source			
			Pala Vauda Chardina Pauli Pagah	40511000					
	4	С	Palo Verde Shoreline Park Beach	40311000	Pathogens		High	0.24 Mil	es 2002
					1 attrogens	Source Unknown	III gu	0.24 (411	CS 2002
					Pesticides	Source Ulknown	Low	0.24 Mil	oe.
			·		1 esticides		DOW	0.24 14111	ts .
es and						Source Unknown	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		
4	4	C	Paradise Cove Beach	40435000					
					Beach Closures		High	1.7 Mil	es 2002
					·	Nonpoint Source			
					DDT		Low	1.7 Mil	es
					Fish consumption advisory for 1				
						Nonpoint Source			
					High Coliform Count		High	1.7 Mil	es 2002
						Nonpoint Source			•
					PCBs		Low	1.7 Mil	es
					Fish consumption advisory for I				
		Class 250				Nonpoint Source			
4	4	L	Peck Road Park Lake	40531000		·			
					Chlordane (tissue)		Low	103 Acr	es
						Nonpoint Source			
					DDT (tissue)		Low	103 Acr	es
						Nonpoint Source			

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RÉGION :	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATE SIZE AFFEC	D PROPOSED TMDL IED COMPLETION
				Lead		Low	103 A	eres
					Nonpoint Source			
				Odors	-	Low	103 Ac	cres
					Nonpoint Source			
				Organic Enrichment/Low Disso		Low	103 Ac	eres
				,	Nonpoint Source			
E					www.	28	7 - 5 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	
4	C	Peninsula Beach	40311000					•••
•				Bacteria Indicators	d - 68- d III	Low	1 M	iles
				Area affected is beach area nor	-			
					Nonpoint/Point Source			
4	R	Pico Kenter Drain	40513000					
				Ammonia		Low	8 M	iles
					Nonpoint Source			
				Copper		Medium	8 M	iles
					Nonpoint Source			
				Enteric Viruses	•	High	8 M	iles 2002
		·	•		Nonpoint Source			
				High Coliform Count		High	8 M	iles 2002
					Nonpoint Source			
				Lead	rvonponit source	Medium	8 M	ilos
				Dead	NI	172CGIUIII	0 11	ines
				PAHs	Nonpoint Source	Low	8 M	illas
			•	rans		LOW	O 1V1	ires
					Nonpoint Source			•••
				Toxicity		Medium	8 M	iles
					Nonpoint Source			
				Trash		Low	8 M	iles
					Nonpoint Source			
4	R	Piru Creek (tributary to Santa River Reach	40342000		and the same of th	<u> </u>	and the state of t	The state of the s
		4)		•				
		,		pН		Low	63 M	iles
					Nonpoint Source			
					Conservation Dishcarge Releas	es		
4	C	Point Dume Beach	40435000			7,11		
•	Ü	2		Beach Closures		High	2.5 M	iles 2002
					Nonpoint Source			
			•	DDT	Jupum Dourte	Low	2.5 M	iles
•				Fish consumption advisory for	DDT.		2.2 112	····
					N			

Nonpoint Source

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						7 May 1 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
REGIO	v TÝP	E NAME -	GALWATER WATERSHED	POLITUTANT/STRESSOR	POTENTIAL SOURCES	TMDL/ PRIORITY		OPOSED TMDL OMPLETION
				PCBs		Low	2.5 Miles	
				Fish consumtiion advisory	for PCBs.			
					Nonpoint Source			
4	C	Point Fermin Park Beach	40512000	TO SECURE OF THE PARTY.		AND CONTRACTOR		
•	Ü	2 (111. 2 0 1 111. 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1		Beach Closures		High	1.6 Miles	2002
					Nonpoint Source	Ü		
				DDT		Low	1.6 Miles	
				Fish consumption advisory	for DDT.		217	
		•		,	Nonpoint Source			
				PCBs		Low	1.6 Miles	
				Fish consumption advisory	for PCBs.			
					Nonpoint Source			
4	C	Point Vicente Beach	40511000					
				Beach Closures		High	0.63 Miles	2002
					Nonpoint Source			
4	R	Pole Creek (trib to Santa Clara River Reach 3)	40331000	·				
		•		Sulfates		Low	9 Miles	
					Nonpoint Source			
				Total Dissolved Solids	*	Low	9 Miles	
					Nonpoint Source			
4	В	Port Hueneme Harbor (Back Basins)	40311000				The second secon	A Decision of the Control of the Con
				DDT (tissue)		Medium	65 Acres	
					Nonpoint Source			
				PCBs (tissue)		Medium	65 Acres	
					Nonpoint Source			
4	C	Portugese Bend Beach	40511000					
•	-			Beach Closures		High	1.4 Miles	2002
					Nonpoint Source	Ü		
				DDT	A Composite Double	Low	1.4 Miles	
				Fish Consumption Advisory	y for DDT.			
				,,	Nonpoint Source			
				PCBs		Low	1.4 Miles	
				Fish Consumption Advisory	for PCB.			
					Nonpoint Source			
4	C	Promenade Park Beach	40210000					
				Bacteria Indicators		Low	0.37 Miles	

Nonpoint/Point Source

Area affected is at Oak Street, Redwood Apartments, and south of drain at California Street.

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-REGION	ŤχÞΙ	NAME	CALWATER - WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY - S		OPOSED TMDL
4	L	Puddingstone Reservoir	40552000					
		Ü		Chlordane (tissue)		Medium	243 Acres	
					Nonpoint Source			
				DDT (tissue)		Medium	243 Acres	
					Nonpoint Source			
				Mercury (tissue)		Medium	243 Acres	•
					Nonpoint Source			
				Organic Enrichment/Low Disso		Low	243 Acres	
				non (d. )	Nonpoint Source	_		
				PCBs (tissue)		Low	243 Acres	
					Nonpoint Source			N
4	C	Puerco Beach	40431000					
				Beach Closures		High	0.5 Miles	2002
				D.D.W.	Nonpoint Source	_		
				DDT	DDT	Low	0.5 Miles	
				Fish Consumption Advisory for	Nonpoint Source			
				PCBs	Tromposite Boards	Low	0.5 Miles	
				Fish Consumption Advisory for	PCBs.		·	
					Nonpoint Source			
4	С	Redondo Beach	40512000	·			<del></del>	
				Beach Closures		High	1.5 Miles	2002
					Nonpoint Source			
				DDT	D.D.#	Low	1.5 Miles	
				Fish Consumption Advisory for	DDT. Nonpoint Source		•	
				High Coliform Count	ronbount source	High	1.5 Miles	2002
					Nonpoint Source		210 1.2110	2002
				PCBs	· · · · · · · · · · · · · · · · · · ·	Low	1.5 Miles	
				Fish Consumption Advisory for	PCBs.			
6.7. ***********************************					Nonpoint Source			
4	C	Resort Point Beach	40511000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				mers.
				Beach Closures		High	0.15 Miles	2002
					Nonpoint Source			
4	C	Rincon Beach	40100010		W. C.			<del></del>
		·		Bacteria Indicators		Low	0.09 Miles	
				Area affected is 50 and 150 yar		Creek, and at the end of th	se footpath.	
	·				Nonpoint/Point Source			

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			CALWATER		POTENTIAL STATE	TMDL	ESTIMATED PR	OPOSED TMDL
REGION	A CONTRACTOR OF THE PARTY OF TH			POLLUTANT/STRESSOR*	SOURCES		IZE AFFECTED (	
4	R	Rio De Santa Clara/Oxnard Drain No. 3	40311000	ChemA (tissue)		Medium	1.9 Miles	
				Chemit (Hoode)	Nonpoint Source	Weddin	1.9 Willes	
				Chlordane (tissue)	•	Medium	1.9 Miles	
				DDT (45)	Nonpoint Source	No. altra an		
				DDT (tissue)	Nonpoint Source	Medium	1.9 Miles	
				Nitrogen		High	1.9 Miles	2008
					Nonpoint Source			
				PCBs (tissue)	N t. A. C.	Medium	1.9 Miles	
			·	Sediment Toxicity	Nonpoint Source	Medium	1.9 Miles	
					Nonpoint Source			
				Toxaphene (tissue)	•	Medium	1.9 Miles	
***************************************	22.0				Nonpoint Source			
4	R	Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	40515010					
				Copper		High	4.6 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	4.6 Miles	2002
				ingii contorni count	Nonpoint/Point Source	iligii	4.0 1411165	2002
			,	Lead		High	4.6 Miles	2003
					Nonpoint/Point Source			
				рН	N	High	4.6 Miles	2002
				Trash	Nonpoint/Point Source	Low	4.6 Miles	
					Nonpoint/Point Source			
				Zinc		High	4.6 Miles	2003
					Nonpoint/Point Source			
4	R	Rio Hondo Reach 2 (At Spreading Grounds)	40515010	High Coliform Count		Uiek	4.9 Miles	2002
				rigii Comorin Count	Nonpoint/Point Source	High	4.9 Willes	2002
4	C	Robert H. Meyer Memorial Beach	40441000		- Compositor one Source			
4	С	Nobel C11. Micyel Memorial Deach	40441000	Beach Closures		High	1.2 Miles	2002
				÷	Nonpoint Source			
				<b>DDT</b> Fish Consumption Advisory for	DDT	Low	1.2 Miles	
				i isii Consumption Advisory Jor	υυ1.			

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- REGIÓ	N TYRI	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES!	TMDL PRIORITY SI	estima Ze affe	TED CTED	PROPOSED TMDL
				PCBs		Low	1.2	Miles	
				Fish Consumption Advisory for					
	A35				Nonpoint Source				
4	С	Rocky Point Beach	40511000						
				Beach Closures		High	0.49	Miles	2002
					Nonpoint Source			100 Parks 100 Pa	
4	C	Royal Palms Beach	40511000						
				Beach Closures		High	1.1	Miles	2002
					Nonpoint Source				
				DDT		Low	1.1	Miles	
				Fish consumption advisory for 1					
				PCBs	Nonpoint Source	Low		Miles	
				Fish consumption advisory for I	PCR c	Low	1.1	ivilles	
				Tish consumption advisory for T	Nonpoint Source				
4	R	San Antonio Creek (Tributary to Ventura River Reach 4)	40220023						
		,		Nitrogen		Low	9.8	Miles	•
					Nonpoint Source				
4	C	San Buenaventure Beach	40210000						
				Bacteria Indicators		Low	1.9	Miles	
				Area affected is south of drain a	t K <b>al</b> orama Street and south	of drain at San Jon Road.			
					Nonpoint/Point Source			ora v. veri	
4	R	San Gabriel River Estuary	40516000					<del></del>	
				Abnormal Fish Histology		Medium	3.4	Miles	
					Nonpoint/Point Source				
4	R	San Gabriel River Reach 1 (Estuary to Firestone)	40515010					modeli Sanda Maria	
		•		Abnormal Fish Histology		Medium	6.4	Miles	
		•			Nonpoint/Point Source				
				Algae	-	High	6.4	Miles	2003
					Nonpoint/Point Source				
				High Coliform Count		High	6.4	Miles	2003
					Nonpoint/Point Source				
4	R	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam	40515010						
				Copper, Dissolved		Low	12	Miles	
					Nonpoint Source				

REGIO	N TŸPI		GALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES -	TMDI: PRIORITY	ESTLMATÉD APROP SZE APFECUED CON	OSED TMDI
				High Coliform Count		High	12 Miles	2003
-				Lead	Nonpoint/Point Source	Medium	12 Miles	
				Zinc, Dissolved	Nonpoint/Point Source	Low	12 Miles	
	*************************				Nonpoint Source			
4	R	San Jose Creek Reach 1 (SG Confluence to Temple St.)	40531000				200	
				Algae		Low	2.7 Miles	
		•			Nonpoint/Point Source	<u>.</u>		
				High Coliform Count	Manager A. One and a	Low	2.7 Miles	
				рН	Nonpoint/Point Source	Low	2.7 Miles	
				, , , , , , , , , , , , , , , , , , ,	Nonpoint/Point Source		2.1 111103	
4	R	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	40531000					
		,		Algae		High	17 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	17 Miles	2003
			•		Nonpoint/Point Source			
				рН		Low	17 Miles	
***************************************					Nonpoint/Point Source			
4	В	San Pedro Bay Near/Off Shore Zones	40512000	Chromium (sediment)		Low	5758 Acres	
•					Nonpoint/Point Source			
				Copper (sediment)		Low	5758 Acres	
				DDT (tissue & sediment)	Nonpoint/Point Source	Medium	5758 Acres	
				Fish Consumption Advisory for	Nonpoint/Point Source			
				PAHs (sediment)	•	Medium	5758 Acres	
					Nonpoint/Point Source			
			•	PCBs		Medium	5758 Acres	•
				Fish consumption advisory for I	PCBs. Nonpoint/Point Source			
				Sediment Toxicity	wonpoint our source	Medium	5758 Acres	
				·	Nonpoint/Point Source			

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REGION	TYPI	NAME OF THE PARTY	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES		ESTIMATED SIZE AFFECTED	PROPOSED_TMDL COMPLETION
				Zinc (sediment)		Low	5758 Acres	<del></del>
				-	Nonpoint/Point Source		•	
4	E	Santa Clara River Estuary	40311000			5 7 9 10 10 10 10 10 10 10 10 10 10 10 10 10		
•		Santa Ciara River Estuary	40311000	ChemA		Medium	49 Acres	
				·	Source Unknown		i) itered	
				High Coliform Count	our ce emale wii	Medium	49 Acres	
				, and the second	Nonpoint Source			
				Toxaphene		Medium	49 Acres	
				•	Nonpoint Source			
	D	Sente Clare Direct Break 1 (Ferrence	40321000					
4	R	Santa Clara River Reach 3 (Freeman Diversion to A Street)	40321000					
		,		Ammonia		High	31 Miles	2003
					Nonpoint/Point Source			
				Chloride	•	High	31 Miles	2002
					Nonpoint/Point Source			
				Total Dissolved Solids		Low	31 Miles	
					Nonpoint/Point Source			
4	R	Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)	40351000					
				Chloride		High	9.4 Miles	2002
				Chloride was relisted by USEPA				
					Nonpoint/Point Source			
				High Coliform Count		Medium	9.4 Miles	
				NITE A LINITE OF	Nonpoint/Point Source	-	0.4.350	
				Nitrate and Nitrite	N tuntic	Low	9.4 Miles	
State Control	er en som in ten				Nonpoint/Point Source			
4 .	R	Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd.)	40351000					
				Chloride		High	5.2 Miles	2002
				Chloride was relisted by USEPA				
	*			High Coliform Count	Nonpoint/Point Source	Medium	5.2 Miles	
				mgn Comorni Count	Nompoint/Point Course	Manager	J.2 17111C3	
				Nitrite as Nitrogen	Nonpoint/Point Source	Low	5.2 Miles	
				ite as inti ogen	Groundwater Loadings	LUTT	J.2 17111C3	
			-		Nonpoint/Point Source			
CELE								

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REGION	ТҮРІ	NAME	GALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED EMDL SIZE AFFECTED L. COMPLETION
4	R	Santa Clara River Reach 9 ( Bouquet	40351000				
		Canyon Rd to above Lang Gaging Station)		High Coliform Count		Medium	21 Miles
				rngii Comoriii Count	Nonneint/Boint Course	Medium	21 Willes
PROCEDURAN					Nonpoint/Point Source		
4	L	Santa Fe Dam Park Lake	40531000	Copper		Medium	20 Acres
			•	Соррег	Nonpoint Source	······································	20 Picies
				Lead	Nonpoint Source	Medium	20 Acres
					Nonpoint Source		
				рН		Medium	20 Acres
					Nonpoint Source		
4	В	Santa Monica Bay Offshore/Nearshore	40513000	TO SERVE SERVE SERVENCE SERVEN			
		•		Chlordane (sediment)		Medium	146645 Acres
					Nonpoint/Point Source		
		•		DDT (tissue & sediment)		Low	146645 Acres
				Centered on Palos Verdes Shelf.	Nonpoint/Point Source		
				Debris	Nonpoint out Source	Low	146645 Acres
					Nonpoint/Point Source		
				Fish Consumption Advisory	•	Low	146645 Acres
					Nonpoint/Point Source		
•				PAHs (sediment)		Low	146645 Acres
					Nonpoint/Point Source		
				PCBs (tissue & sediment)		Low	146645 Acres
				o at a transitate	Nonpoint/Point Source	• -	146645
				Sediment Toxicity	N. LUBLIG	Low	146645 Acres
					Nonpoint/Point Source		
4	C	Santa Monica Beach	40513000	Beach Closures		Hick	3 Miles 2002
			•	Deach Chashles	Nonnaint Source	High	3 Miles 2002
				High Coliform Count	Nonpoint Source	High	3 Miles 2002
					Nonpoint Source	<b></b> -	5 1.2.1.30
4	D	Santa Monica Canyon	40513000				
4	R	Janta monta Canyon	100001000	High Coliform Count		High	2.7 Miles 2002
				•	Nonpoint Source	-	
				Lead	•	Medium	2.7 Miles
					Nonpoint Source		

								DNAFI
REGION	TŸPI	e and the same	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	С	Sea Level Beach	40441000					
				Beach Closures		High	0.21 Miles	2002
					Nonpoint Source			
				DDT		Low	0.21 Miles	
				Fish Consumption Advisory for	- DDT.			
				,	Nonpoint Source	•	•	
				PCBs	-	Low	0.21 Miles	
				Fish Consumption Advisory for	PCBs.			•
					Nonpoint Source			
4	R	Sepulveda Canyon	405.13			32.001 ²² 2.22 ² 22 ² 2 2 2 2 2 2 2 2 2 2 2 2 2		
•	••	Separreua Sanjon		Ammonia		Low	0.83 Miles	
					Nonpoint Source		1100 111100	
				High Coliform Count	Nonporint Source	High	0.83 Miles	2002
				Mgii Comoriii Count	N	IIIg.i	0.05 Whies	2002
				, Y	Nonpoint Source	M - 4!	0.03 844	
				Lead		Medium	0.83 Miles	
	LE TABLISTA				Nonpoint Source			
4	R	Sespe Creek (tributary to Santa Clara River Reach 3)	40332020					
		•		Chloride		Low	63 Miles	
					Nonpoint Source			
				рН	•	Low	63 Miles	
					Nonpoint Source			
BEST. 197			10.144040					
4	R	Stokes Creek	40422020	TY-1 C-YE C		*** 1		2002
				High Coliform Count		High	4.7 Miles	2002
					Nonpoint Source			10.75.0 - 10.75.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1.15.0 1
4	С	Surfers Point at Seaside	40210000		•			
				Bacteria Indicators		Low	0.53 Miles	
				Area affected is the end of the a	_			
			, , , , , , , , , , , , , , , , , , , ,		Nonpoint/Point Source	W- &-		
4	C	Topanga Beach	40413000					
		- <del>-</del>		Beach Closures		High	2.5 Miles	2002
		-			Nonpoint Source			
				DDT	•	Low	2.5 Miles	
				Fish Consumption Advisory for	r DDT.			
			•		Nonpoint Source			
				High Coliform Count		High	2.5 Miles	2002
					Nonpoint Source			
					-			

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REGIO	N TYPE		CALWATER WATERSHED	POLLUTANT/STRESSOR**	POTENTIAL. SOURCES		ESTIMATED P SIZE AFFECTED	ROPOSED/EMDL COMPLETION:
				PCBs		Low	2.5 Miles	
				Fish Consumption Advisory for				
A SAME OF SAME					Nonpoint Source			
4	R	Topanga Canyon Creek	40411000	Lead		Medium	O.C. Nati	
				Licau	Nonpoint Source	MBibatt	8.6 Miles	
		Torrange Peach	40512000		Nonpoint Source			
4	С	Torrance Beach	40512000	Beach Closures		High	1.1 Miles	2002
			·	· <del></del>	Nonpoint Source	<b>e''</b>		
				High Coliform Count		High	1.1 Miles	2002
					Nonpoint Source			
4	R	Torrance Carson Channel	40512000					The common temporary and the second of the s
				Copper		Medium	3.4 Miles	·
				****	Nonpoint Source			
				High Coliform Count	<b>N</b>	High	3.4 Miles	2002
		•		Lead	Nonpoint Source	Medium	3.4 Miles	
				2/04.0	Nonpoint Source		2 Miles	
63.55 <u>.</u>	R	Torrey Canyon Creek	40341000		The state of the s			
4		Lorrey Canjon Creek	POULEGOE	Nitrate and Nitrite		High	1.7 Miles	2003
					Nonpoint Source			
4	C	Trancas Beach (Broad Beach)	40437000					
-		•	· <del>-</del>	Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			
				DDT	DD#	Low	1.7 Miles	
				Fish Consumption Advisory for	~ DDT.  Nonpoint Source			
				High Coliform Count	Avaipoint Bource	High	1.7 Miles	2002
				-	Nonpoint Source	_		
				PCBs	-	Low	1.7 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source			
4	R	Triunfo Canyon Creek Reach 1	40424000	l ea l		Madium	7 E Mil	
4	R	Triunfo Canyon Creek Reach 1	40424000	Lead	Nannaint Source	Medium	2.5 Miles	
4	R	Triunfo Canyon Creek Reach 1	40424000	Lead Mercury	Nonpoint Source	Medium Medium	2.5 Miles	

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ION	ТУР	E. NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY S		OPOSED OMPLETI
				Sedimentation/Siltation		Low	2.5 Miles	
	<del></del>		**************************************		Source Unknown			
<del></del>	R	Triunfo Canyon Creek Reach 2	40424000					
				Lead		Medium	3.3 Miles	
		•		34	Nonpoint Source	34 - 31	3.2 849	
				Mercury	Nonpoint Source	Medium	3.3 Miles	
				Sedimentation/Siltation	Nonportit Source	Low	3.3 Miles	
					Source Unknown			
4	R	Tujunga Wash (LA River to Hansen Dam)	40521000					T-65-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
				Ammonia		High	9.7 Miles	2002
					Nonpoint Source	*** *	0.5.34"	2002
				Copper	Nonnaimt Course	High	9.7 Miles	2003
				High Coliform Count	Nonpoint Source	High	9.7 Miles	2002
				Ü	Nonpoint Source	Ü		
				Odors		High	9.7 Miles	2002
				·	Nonpoint Source			
				Scum/Foam-unnatural	N	High	9.7 Miles	2002
		-		Trash	Nonpoint Source	Low	9.7 Miles	
				2.40.	Nonpoint Source	25	311 Halles	
4	C	Venice Beach	40513000	**************************************				\$ 15 KK St.
				Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	2.5 Miles	2002
E010-2	11.72.12.C.				Nonpoint Source			
4	В	Ventura Harbor: Ventura Keys	40311000	High Coliform Count		Medium	179 Acres	
				inga Comorai Count	Nonpoint Source	Medium	115 Acres	
4	R	Ventura River Estuary	40210011					· · · · · · · · · · · · · · · · · · ·
		rendra Mrei Estuary	10210011	Algae		Medium	0.2 Miles	
				•	Nonpoint/Point Source			
				Eutrophic		Medium	0.2 Miles	
					Nonpoint/Point Source			

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DRAFT CALWATER ESTIMATED PROPOSED TMDE POTENTIAL TMDL. WATERSHED POLLUTANT/STRESSOR* NAME PRIORITY SIZE AFFECTED COMPLETION REGION TYPE SOURCES Fecal Coliform Low 0.2 Miles Stables and horse property may be the sources. Nonpoint Source **Total Coliform** Low 0.2 Miles Stables and horse property may be the sources. Nonpoint Source Trash Medium 0.2 Miles Nonpoint/Point Source 40210011 Ventura River Reach 1 and 2 (Estuary to Weldon Canvon) Algae Medium 4.5 Miles Nonpoint/Point Source Ventura River Reach 3 (Weldon Canyon to 40210011 Confl. w/ Coyote Cr) Pumping Medium 2.8 Miles Nonpoint Source Water Diversion Medium 2.8 Miles Nonpoint Source 40220021 Ventura River Reach 4 (Coyote Creek to Camino Cielo Rd) Medium Pumping 19 Miles Nonpoint Source Water Diversion Medium 19 Miles Nonpoint Source Verdugo Wash Reach 1 (LA River to 40521000 Verdugo Rd.) High 2002 Algae 2 Miles Nonpoint Source **High Coliform Count** High 2 Miles 2002 Nonpoint Source Trash Low 2 Miles Nonpoint Source Verdugo Wash Reach 2 (Above Verdugo 40524000 Road) Algae High 7.6 Miles 2002 Nonpoint Source **High Coliform Count** High 2002 7.6 Miles Nonpoint Source

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							DRAF
REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	PÖTENTIAL SOURCES	TMDL PRIORITY	ÉSTÉMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Trash		Low	7.6 Miles	
				Nonpoint Source			
4 R	Walnut Creek Wash (Drains from Puddingstone Res)	40531000					
			pH		High	12 Miles	2003
				Nonpoint/Point Source	ı		
			Toxicity		High	12 Miles	2003
				Nonpoint/Point Source			
4 L	Westlake Lake	40425000			**************************************		
			Algae		High	119 Acres	2002
				Nonpoint Source			
			Ammonia		High	119 Acres	2002
			Citi miano (timo A	Nonpoint Source		. 110 1	
			Chlordane (tissue)	NI	Low	119 Acres	
			Eutrophic	Nonpoint/Point Source	High	119 Acres	2002
				Nonpoint Source		110 110100	2002
			Lead		Medium	119 Acres	
				Nonpoint Source			
			Organic Enrichment/Low Disso	lved Oxygen	High	119 Acres	2002
				Nonpoint Source			
4 R	Wheeler Canyon/Todd Barranca	40321000					2 14 2 14 14 14 14 14 14 14 14 14 14 14 14 14
			Nitrate and Nitrite		High	10 Miles	2003
				Nonpoint Source			
			Sulfates		Low	10 Miles	
			77-4-1 Di	Nonpoint Source		10 3421	
			Total Dissolved Solids	Non-sint Comm	Low	10 Miles	
				Nonpoint Source			
4 C	Whites Point Beach	40511000	Beach Closures		Ujah	1.1 Miles	2002
			Death Clusures	Nonpoint Source	High	T-T MINES	4004
			DDT	Monthount Source	Low	1.1 Miles	
	•		Fish Consumption Advisory for I	DDT.	<b>~</b>		
				Nonpoint Source			
			PCBs	~ ~ ~	Low	1.1 Miles	
			Fish Consumption Advisory for	PCBs. Nonpoint Source			
			The state of the s	Troupoint Gource			

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DRAFT CALWATER" PROPOSED TMDL TMDL? ESTIMATED WATERSHED POLLUTANT/STRESSOR* PRIORITY - SIZE AFFECTED REGION-TYPE SOURCES NAME COMPLETION  $\mathbf{C}$ Will Rogers Beach 40513000 **Beach Closures** High 3 Miles 2002 Nonpoint Source **High Coliform Count** High 3 Miles 2002 Nonpoint Source 40342000 Wilmington Drain Medium Ammonia 0.56 Miles Nonpoint Source Copper Medium 0.56 Miles Nonpoint Source **High Coliform Count** High 0.56 Miles 2002 Nonpoint Source Medium Lead 0.56 Miles Nonpoint Source 40436000 Zuma Beach (Westward Beach) **Beach Closures** High 1.6 Miles 2002 Nonpoint Source DDT 1.6 Miles Low Fish Consumption Advisory for DDT. Nonpoint Source **PCBs** 1.6 Miles Low Fish Consumption Advisory for PCBs. Nonpoint Source 51921000 American River, Lower R 27 Miles Low All resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction **Unknown Toxicity** Low 27 Miles TMDL end date: after 2015 Source Unknown R Arcade Creek 51921000 Chlorpyrifos High 9.9 Miles 2003 Urban Runoff/Storm Sewers Copper Low 9.9 Miles TMDL end date: after 2015 **Urban Runoff/Storm Sewers** 

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				Diazinon		High	9.9	Miles	2003
				The agricultural source of diaz	inon for these waterbodies is from a	nerial deposition.			
					Agriculture				
					Urban Runoff/Storm Sewers				
5	R	Avena Drain	53140000				ALEXAN SHIPPANIN	/*************************************	
				Ammonia		Low	6.4	Miles	•
		•		TMDL end date: after 2015					
					Agriculture				
				D 4	Dairies				
				Pathogens		Low	0.4	Miles	
			ē		Agriculture				
(M					Dairies	8 7		en e	
5	R	Bear Creek	51320023				-		
				Mercury		Medium	15	Miles	
					Resource Extraction				
5	R	Bear River, Lower (below Camp Far West	51510000					AL COUNTY AND ADMINISTRATION OF THE PARTY OF	
	Reservoir)	Reservoir)					•		
				Diazinon		Medium	21	Miles	
T. 18 2015	THE LOCK SHIP				Agriculture				
5	R	Bear River, Upper	51633010						
				Mercury		Medium	10	Miles	
					Resource Extraction			····	
5	L	Berryessa, Lake	51221010	Manager State Control of the Control	• • • • • • • • • • • • • • • • • • • •		<u> </u>	,	***************************************
				Mercury		Low	19083	Acres	
					Resource Extraction				
5	L	Black Butte Reservoir	50432000			u bez ani - z valikaci i k i i	AMERICA CONTRACTOR		
Ü	_			Mercury		Medium	4507	Acres	
					Resource Extraction				
5	R	Butte Slough	52030000	·					Property of the section of the
3	I.	Dutte Stough	22030000	Diazinon		Medium	8.9	Miles	
					Crop-Related Sources			•	
,					Crop Related Sources		ECELOSIA SIR		
5	R	Cache Creek, Lower	51332022	Mercury		High	9.4	Miles	2004
				•	are abandoned mines. Impaired p	_	•		

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REGION	TYPI	. NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	- TMDL PRIORITY		OPOSED TMDE
	_			Unknown Toxicity		Low	84 Miles	
				Impaired portion (81 miles) is fadate: after 2015.	rom Clear Lake Dam to the Cache	Creek Settling Bo	asin near the Yolo Bypass.	TMDL end
		Annual Committee Com			Source Unknown			
5	R	Calaveras River, Lower	54400000					
				Diazinon		Low	5.8 Miles	
					Urban Runoff/Storm Sewers			
		•		Organic Enrichment/Low Disso	olved Oxygen	Low	5.8 Miles	
				TMDL end date: after 2015	Urban Runoff/Storm Sewers			
				Pathogens	Orban Runolingtorin Sewers	Low	5.8 Miles	
				TMDL end date: after 2015				
					Urban Runoff/Storm Sewers			
					Recreational and Tourism Acti	vities (non-boati	ing)	
5	L	Camanche Reservoir	53120000		_			
				Copper		Low	7389 Acres	
					Resource Extraction		<b>7</b> 700 .	
				Zinc		Low	7389 Acres	
					Resource Extraction			
5	L	Camp Far West Reservoir	51631013			N.C. (P	. 1046	
				Mercury	Resource Extraction	Medium	1945 Acres	
					Resource Extraction			
5	R	Chicken Ranch Slough	51921000	Chlorpyrifos		High	8 Miles	2003
				Chiorpyritos	Urban Runoff/Storm Sewers	mgn	o willes	2003
				Diazinon	Orban Kunoti/Storm Sewers	High	8 Miles	2003
				_	non for these waterbodies is from a	<del>-</del>		
					Agriculture	-		
					Urban Runoff/Storm Sewers			
5	L	Clear Lake	51352000		The second secon			
				Mercury		High	40070 Acres	2002
					Resource Extraction			
				Nutrients		Medium	40070 Acres	
		AND THE RESERVE AND THE PROPERTY AND THE			Source Unknown			
		Clover Creek	50732000		<del></del>			
5	R	Clover Creek	00152000			_		
5	R	Clover Creek	50,52000	Fecal Coliform		Low	11 Miles	
5	R	Clover Creek	3013200	Fecal Coliform	Agriculture-grazing Other	Low	11 Miles	

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Children Co.	TYPE	SALANGARO AND CONTRACTOR OF THE SALANGAR SALANGAROUS CONTRACTOR OF THE SALANGAROUS CONTRACTOR OF	Market Market Control of the Control	POLLUTANT/STRESSOR*	SOURCES	PŘIORITY	SIZE AFFECTED COMPLET
5	R	Colusa Basin Drainage Canal	52021000	Asianhaa mathul		N. 4	26 140
				Azinphos-methyl		Medium	26 Miles
					Agriculture	_	
			•	Carbofuran/Furadan		Low	26 Miles
				TMDL end date: after 2015	A		
				Diazinon	Agriculture	h.f	26. 360
				Diazinon		Medium	26 Miles
					Agriculture		
				Group A Pesticides		Low	26 Miles
				TMDL end date: after 2015			
				Malathion	Agriculture	Last	26 841-
						Low	26 Miles
				TMDL end date: after 2015	Agriculture		
				Methyl Parathion	Agriculture	Low	26 Miles
				TMDL end date: after 2015		Low	20 Willes
				IMDE cim une. igier 2015	Agriculture		
				Molinate/Odram		Low	26 Miles
		•		TMDL end date: after 2015			
				·	Agriculture-irrigation tailwater		
				Unknown Toxicity		Low	26 Miles
				TMDL end date: after 2015			
					Agriculture		
5	L	Combie, Lake	51633011				
		,		Mercury		Medium	362 Acres
				Abandoned Mines			
					Resource Extraction		
5 5	L	Davis Creek Reservoir	51332010				
•	~		21022010	Mercury		Low	163 Acres
					Resource Extraction		
			***************************************		EVALUATION TO THE PROPERTY OF THE PARTY OF T		
5	R	Del Puerto Creek	54110000	Chlemovifee		¥	( 5 M)
				Chlorpyrifos		Low	6.5 Miles
				TMDL end date: after 2015	A confacilitions		
				Diazinon	Agriculture	Low	6.5 Miles
				TMDL end date: after 2015		LUN	U.S WHIES
				IMDL em une. ajtet 2015	Agriculture		

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES I	The state of the s	ESTIMA ZE AFFI	STATES THE STATES OF THE STATE	OSED TMDL PLETION
5	E	Delta Waterways	51000000						The state of the s
		•		Chlorpyrifos		High	577089	Acres	2004
				Approximately 30,000 acres are					
			•		Agriculture				
				D. C.	Urban Runoff/Storm Sewers	*** - L	emmooc	<b>A</b>	2004
				Diazinon	immained for Diggin	·High	577089	Acres	2004
				Approximately 30,000 acres are	Agriculture				
					Urban Runoff/Storm Sewers				
				Mercury		High	577089	Acres	2004
				-	are abandoned mines. Approximately	y 30,000 acres are	impaire	d for Mercury.	
					Resource Extraction				
5	E	Delta Waterways (Southern Delta)	54400000				23 <b>2222 2 3 3</b> 5		
				Chlorpyrifos		High	180568	Acres	2004
				Approximately 16,000 acres are					
					Agriculture				
				DDT	Urban Runoff/Storm Sewers	T	1005/0	<b>A</b>	
				DDT Approximately 16,000 acres are	impaired for DDT	Low	180568	Acres .	
				Approximately 10,000 acres are	Agriculture				
				Diazinon	, <del>0</del> -/	High	180568	Acres	2004
				Approximately 16,000 acres are	impaired for Diazinon.	-			
					Agriculture	•			
					Urban Runoff/Storm Sewers				
				Electrical Conductivity		Medium	180568	Acres	
				Approximately 16,000 acres are	impaired for Electrical Conductivity				
				Croup A Docticides	Agriculture	Low	190549	Agras	-
				Group A Pesticides	impaired for Group A Pesticides.	Low	180568	Acres	
				Approximutely 10,000 ucres are	Agriculture				
				Mercury		High	180568	Acres	2004
				All resource extraction sources	are abandoned mines. Approximately	y 16,000 acres are	impaired	d for Mercury.	
		<b>*</b>			Resource Extraction				
5	E	Delta Waterways (Stockton Ship Channel)	54400000						
		•		Chlorpyrifos		High	1751	Acres	2004
					Agriculture				
					Urban Runoff/Storm Sewers				
				DDT .		Low	1751	Acres	
					Agriculture				

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REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFRECTED COMPONITION  Diazinon High 1751 Acres 2004  Agriculture  Urban Runoff/Storm Sewers  Group A Pesticides Low 1751 Acres 2004  Agriculture  Mercury High 1751 Acres 2004  All resource extraction sources are abandoned mines.  Resource Extraction  Organic Enrichment/Low Dissolved Oxygen High 1751 Acres 2004  Municipal Point Sources  Urban Runoff/Storm Sewers  Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC) 54120000  Selenium Low 38 Miles  Agriculture   77.	Service Comment									
Agriculture Urban Runoff/Storm Sewers  Group A Pesticides  Agriculture  Mercury  All resource extraction sources are abandoned mines.  Resource Extraction  Organic Enrichment/Low Dissolved Oxygen  High 1751 Acres 2004  Municipal Point Sources  Urban Runoff/Storm Sewers  Unknown Toxicity  Low 1751 Acres  Source Unknown  5 R  Delta-Mendota Canal (DMC)  Selenium  Agriculture  gricultural Return Flows  Other	REGIO	N TYP	E NAME		POLLUTANT/STRESSOR*		TMDL PRIORITY	ESTIMA SIZE AFF	TED ECTED	PROPOSED TMD COMPLETION
Agriculture Urban Runoft/Storm Sewers  Group A Pesticides Low 1751 Acres  Agriculture  Mercury All resource extraction sources are abandoned mines.  Resource Extraction Organic Enrichment/Low Dissolved Oxygen High 1751 Acres 2004  Municipal Point Sources Urban Runoft/Storm Sewers Urban Runoft/Storm Sewers Urban Runoft/Storm Sewers  Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC)  Selenium Agriculture Islows Other					Diazinon	-	High	1751	Acres	2004
Urban Runoff/Storm Sewers  Group A Pesticides  Agriculture  Agriculture  Mercury  All resource extraction sources are abandoned mines.  Resource Extraction  Organic Enrichment/Low Dissolved Oxygen  High 1751 Acres 2004  Municipal Point Sources  Urban Runoff/Storm Sewers  Urban Runoff/Storm Sewers  Unknown Toxicity  Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC)  Selenium  Agriculture  Agriculture  Agriculture  Agriculture  Agricultural Return Flows  Other					•	Agriculture	8			
Group A Pesticides Low 1751 Acres  Agriculture  Mercury All resource extraction sources are abandoned mines.  Resource Extraction Organic Enrichment/Low Dissolved Oxygen High 1751 Acres 2004  Municipal Point Sources Urban Runoff/Storm Sewers Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC) Selenium Selenium Agriculture Agricultural Return Flows Other						•				
Mercury All resource extraction sources are abandoned mines. Resource Extraction Organic Enrichment/Low Dissolved Oxygen High 1751 Acres 2004  Municipal Point Sources Urban Runoff/Storm Sewers Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC)  Selenium Agriculture Agriculture Agricultural Return Flows Other					Group A Pesticides		Low	1751	Acres	
Mercury All resource extraction sources are abandoned mines. Resource Extraction Organic Enrichment/Low Dissolved Oxygen High 1751 Acres 2004  Municipal Point Sources Urban Runoff/Storm Sewers Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC)  Selenium Agriculture Agriculture Agricultural Return Flows Other						Agriculture .				
All resource extraction sources are abandoned mines. Resource Extraction Organic Enrichment/Low Dissolved Oxygen High 1751 Acres 2004  Municipal Point Sources Urban Runoff/Storm Sewers Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC) 54120000  Selenium Low 38 Miles  Agriculture Agricultural Return Flows Other					Mercury		High	1751	Acres	2004
Organic Enrichment/Low Dissolved Oxygen High 1751 Acres 2004  Municipal Point Sources Urban Runoff/Storm Sewers  Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC) 54120000  Selenium Low 38 Miles  Agriculture Agricultural Return Flows Other					All resource extraction sources	are abandoned mines.	Ü			
Municipal Point Sources Urban Runoff/Storm Sewers  Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC) 54120000 Selenium Low 38 Miles  Agriculture  Agricultural Return Flows Other						Resource Extraction				
Urban Runoff/Storm Sewers  Unknown Toxicity Low 1751 Acres  Source Unknown  5 R Delta-Mendota Canal (DMC) Selenium Low 38 Miles  Agriculture Agricultural Return Flows Other					Organic Enrichment/Low Disso	olved Oxygen	Hìgh	1751	Acres	2004
Unknown Toxicity  Source Unknown  5 R Delta-Mendota Canal (DMC)  Selenium  Low 38 Miles  Agriculture  Agricultural Return Flows Other						Municipal Point Sources				
Source Unknown  5 R Delta-Mendota Canal (DMC) 54120000  Selenium Low 38 Miles  Agriculture  Agricultural Return Flows Other						Urban Runoff/Storm Sewers				
5 R Delta-Mendota Canal (DMC) 54120000 Selenium Low 38 Miles Agriculture Agricultural Return Flows Other					Unknown Toxicity		Low	1751	Acres	
Selenium Agriculture Agricultural Return Flows Other			•			Source Unknown				
Agriculture Agricultural Return Flows Other	5	R	Delta-Mendota Canal (DMC)	54120000						
Agricultural Return Flows Other					Selenium		Low	38	Miles	
Other						Agriculture				-
						Agricultural Return Flows				
71041030						Other				
5 K DOHY Creek 51854030	5	R	Dolly Creek	51854030					200	
Copper Low 1.5 Miles					Copper		Low	1.5	Miles	
earlier. Sour 19 title?					Decourage extraction named an	- Albardan January TRADI J. J. A.				
Resource extraction sources are abandoned mines. TMDL end date: after 2015					Resource extraction sources are	•	e: after 2015			
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction						•	•			
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc Low 1.5 Miles					Zinc	Resource Extraction	Low	1.5	Miles	
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc  Resource extraction sources are abandoned mines. TMDL end date: after 2015					Zinc	Resource Extraction  e abandoned mines. TMDL end data	Low	1.5	Miles	
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc  Low 1.5 Miles  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction	and the state of t				Zinc	Resource Extraction  e abandoned mines. TMDL end data	Low	1.5	Miles	
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource extraction  Resource Extraction  5 L Don Pedro Lake  53632010	5	L	Don Pedro Lake	53632010	Zinc Resource extraction sources are	Resource Extraction  e abandoned mines. TMDL end data	Low e: after 2015			
Resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction  Zinc Resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction  5 L Don Pedro Lake 53632010 Mercury Low 11056 Acres	5	L	Don Pedro Lake	53632010	Zinc Resource extraction sources are	Resource Extraction  e abandoned mines. TMDL end data Resource Extraction	Low e: after 2015			
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource extraction  Resource Extraction  5 L Don Pedro Lake  53632010	5	L	Don Pedro Lake	53632010	Zinc Resource extraction sources are	Resource Extraction  e abandoned mines. TMDL end data Resource Extraction	Low e: after 2015			
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc Low 1.5 Miles  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  5 L Don Pedro Lake 53632010 Mercury Low 11056 Acres  Resource Extraction  5 R Dunn Creek 54300021					Zinc  Resource extraction sources are  Mercury	Resource Extraction  e abandoned mines. TMDL end data Resource Extraction	Low e: after 2015 Low	11056	Acres	
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  5 L Don Pedro Lake  53632010  Mercury  Low  1.5 Miles  Resource Extraction  Mercury  Low  11056 Acres  Resource Extraction  5 R Dunn Creek  54300021  Mercury  Low  2 Miles					Zinc  Resource extraction sources are  Mercury  Mercury	Resource Extraction  e abandoned mines. TMDL end data Resource Extraction  Resource Extraction	Low e: after 2015  Low Low	11056	Acres	
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc Low 1.5 Miles  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  5 L Don Pedro Lake 53632010 Mercury Low 11056 Acres  Resource Extraction  5 R Dunn Creek 54300021 Mercury Low 2 Miles  Resource extraction sources are abandoned mines. TMDL end date: after 2015					Zinc  Resource extraction sources are  Mercury  Mercury	Resource Extraction  e abandoned mines. TMDL end data Resource Extraction  Resource Extraction	Low e: after 2015  Low Low	11056	Acres	
Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc Low 1.5 Miles  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  5 L Don Pedro Lake 53632010  Mercury Low 11056 Acres  Resource Extraction  5 R Dunn Creek 54300021  Mercury Low 2 Miles  Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  6 Resource Extraction  7 Resource Extraction  8 Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction					Zinc  Resource extraction sources are  Mercury  Mercury  Resource extraction sources are	Resource Extraction  e abandoned mines. TMDL end data Resource Extraction  Resource Extraction	Low e: after 2015  Low  Low e: after 2015	11056	Acres	·
Resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction  Zinc Resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction  5 L Don Pedro Lake 53632010 Mercury Low 11056 Acres  Resource Extraction  5 R Dunn Creek 54300021 Mercury Low 2 Miles  Resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction  Mercury Low 2 Miles  Resource extraction  Mercury Resource extraction  Mercury Low 2 Miles					Zinc  Resource extraction sources are  Mercury  Mercury  Resource extraction sources are  Metals	Resource Extraction  e abandoned mines. TMDL end data Resource Extraction  Resource Extraction  e abandoned mines. TMDL end data Resource Extraction	Low e: after 2015  Low  Low e: after 2015	11056	Acres	
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	5	R	Dolly Creek	51854030		Other		1.5	Miles	
	5	К	Dully Creek	21024030	Conner		Low	1 5	Mil	
	J				Conner		Low	1.5	Miles	
	5	K	Dony Creek	51654050	Conner		Low	1.5	Miles	
	5	R	Dolly Creek	51854030						
5 K Dolly Creek 51854030	5	R	Dolly Creek	51854030						
	3		Dony Creek	31034030	Copper		Low	1.5	Miles	
Copper Low 15 Miles						to to the test of many		1.5	Miles	
orther 10 title					Decourse extraction courses an	- Andread - Andreas - TRADE - Alle				
·										
					Resource extraction sources are	e avanaonea mines. IMDL ena aat	e: after 2015			
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Resource extraction sources are abandoned mines. TMDL end date: after 2015  Resource Extraction  Zinc  Resource extraction sources are abandoned mines. TMDL end date: after 2015					Zinc	Resource Extraction  e abandoned mines. TMDL end data	Low	1.5	Miles	
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REGION	TYPE	NAME :	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMA SIZE AFFI		PROPOSED TIMDLE COMPLETION
				Diazinon		High	11	Miles	2003
				The agricultural source of diazir	non for these waterbodies is from a	ierial deposition.			
					Agriculture				
					Urban Runoff/Storm Sewers			Control of the second	
5	R	Elk Grove Creek	51911000	,					
				Diazinon		High	6.9	Miles	2003
				The agricultural source of diazi	non for these waterbodies is from a	ierial deposition.			
					Agriculture Urban Runoff/Storm Sewers				
					Croan Kunon/Storm Sewers	// <b>** **</b>		75-76 OF 1888	
5	L	Englebright Lake	51714013	Mercury		Medium	754	Acres	
				Abandoned Mines		Mediani	754	Acres	
					Resource Extraction				
-	D	E-II Di (Bis)	52641031						
. 5	R	Fall River (Pit)	32041031	Sedimentation/Siltation		Low	8.6	Miles	
				TMDL end date: after 2015		20	0.0		
				•	Agriculture-grazing				
					Silviculture				
					Highway/Road/Bridge Constru	ction		Section Section 1	
5	R	Feather River, Lower	51922000						
				Diazinon		High	86	Miles	2003
					Agriculture				
					Urban Runoff/Storm Sewers				
				Group A Pesticides		Low	86	Miles	
				TMDL end date: after 2015					
				Mercury	Agriculture	Medium	9,6	Miles	
				All resource extraction sources a	re ahandaned mines	Medium	80	Miles	
				11., resource can tenion sources t	Resource Extraction				
				Unknown Toxicity		Low	86	Miles	
				TMDL end date: after 2015					
					Source Unknown				
5	R	Five Mile Slough	54400000						
				Chlorpyrifos		Medium	3.8	Miles	
				Five Mile slough is impaired by	chlorpyrifos for the lower 1 mile o	of the slough.			

**Urban Runoff/Storm Sewers** 

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10 to 75		NAME 3	GALWÄTER VATERSHED	POLLUTANT/STRESSOR*	S POTENTIAL TO SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED TMDL SIZE AFFECTED COMPLETION
				Diazinon		Medium	3.8 Miles
				The agricultural source of diazi diazinon for the lower 1 mile of	· ·	al deposition. I	Five Mile Slough is impaired by
					Agriculture Urban Runoff/Storm Sewers		
				Organic Enrichment/Low Disso TMDL end date: after 2015	lved Oxygen	Low	3.8 Miles
					Urban Runoff/Storm Sewers		
				Pathogens		Low	3.8 Miles
				TMDL end date: after 2015. Fi confluence with Fourteen Mile L	ve Mile Slough is impaired by patho Slough.	ogens for 1.5 m	niles, from Alexandria Place to the
					Other Urban Runoff		
					Recreational and Tourism Activ	vities (non-boa	ting)
5	R	French Ravine	51632011	30.550 T. dai-			
				Bacteria		Low	1.7 Miles
					Land Disposal		
5	W	Grasslands Marshes	54120000			: YE - WE - /	
-				Electrical Conductivity		Low	7962 Acres
				TMDL end date: after 2015			
					Agriculture		
5	R	Harding Drain (Turlock Irr Dist Lateral #5)	53550000				
				Ammonia		Low	16 Miles
				TMDL end date: after 2015			
					Municipal Point Sources		
					Agriculture		
				Chlorpyrifos		Low	16 Miles
				TMDL end date: after 2015			
					Agriculture	_	
				Diazinon		Low	16 Miles
				TMDL end date: after 2015			
				art to constitu	Agriculture	•	12 8801
				Unknown Toxicity		Low	16 Miles
				TMDL end date: after 2015	Agriculture		
-	WARE				Agriculture		
5	R	Harley Gulch	51332022	M		Madir	6 Miles
				Mercury	are abandoned wines	Medium	6 Miles
				All resource extraction sources	Resource Extraction		
			NAMES OF COLUMN		ACCOUNT DATIFICATION	terporary more operations	

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DRAFT CALWATER POTENTIAL PROPOSED TMDL **TMDL** REGION TYPE AND NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION Horse Creek 50620010 Cadmium Low 1.7 Miles All resource extraction sources are abandoned mines. Resource Extraction Copper Low 1.7 Miles All resource extraction sources are abandoned mines. Resource Extraction Lead Low 1.7 Miles All resource extraction sources are abandoned mines. Resource Extraction Zinc Low 1.7 Miles All resource extraction sources are abandoned mines. Resource Extraction Humbug Creek 51732030 Copper 2.2 Miles Low All resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction Mercury Low 2.2 Miles All resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction Sedimentation/Siltation Low 2.2 Miles All resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction Zinc Low 2.2 Miles All resource extraction sources are abandoned mines. TMDL end date: after 2015 Resource Extraction 54110000 Ingram/Hospital Creek Chlorpyrifos 1 Miles Low TMDL end date: after 2015 Agricultural Return Flows Diazinon Low 1 Miles TMDL end date: after 2015 Agricultural Return Flows 5 R Jack Slough 51540000 Diazinon Medium 14 Miles Agriculture 5 R James Creek 51224010 6.3 Miles Mercury Low

Resource Extraction

Resource extraction sources are abandoned mines. TMDL end date: after 2015

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							DR
GION TY	PE NAME	GALWATER WATERSHED	POLLUTANT/STRESSOR:	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED T COMPLETIO
			Nickel		Low	6.3 Miles	
	·		Resource extraction sources are	abandoned mines. TMDL end	l date: after 2015		
				Resource Extraction			
5 R	Kanaka Creek	51742022					
			Arsenic		Low	9.7 Miles	
			All resource extraction sources	are abandoned mines. TMDL	end date: after 2015		
				Resource Extraction			
5 L	Keswick Reservoir	52440012					
			Cadmium		Low	555 Acres	
				Resource Extraction			
			Copper		Low	555 Acres	
				Resource Extraction			
			Zinc		Low	555 Acres	
				Resource Extraction			
	D: 0	55100000					
5 R	Kings River (Lower)	55190000	Electrical Conductivity		Low	52 Miles	
			TMDL end date: after 2015		LUW	32 Willes	
			IMDL ena une. uper 2015	Agriculture			
			Molybdenum	7-g	Low	52 Miles	
			TMDL end date: after 2015				
				Agriculture			
			Toxaphene		Low	52 Miles	
			TMDL end date: after 2015				
-				Agriculture			
5 R	Little Backbone Creek, Lower	. 50620010				John St. Victoria Co.	
			Acid Mine Drainage		Low	0.95 Miles	
				Resource Extraction			
			Cadmium		Low	0.95 Miles	
			All resource extraction sources	are abandoned mines.			
				Resource Extraction			
			Copper		Low	0.95 Miles	
			All resource extraction sources				
			7:	Resource Extraction	T	0.05 34:1	
			Zinc All resource extraction sources	are abandoned mines	Low	0.95 Miles	
			All resource extruction sources	Resource Extraction			
				Accounted LAM action			
5 R	Little Cow Creek	50733010	Cadminu		I	17 MU	
			Cadmium		Low	2.7 Miles	

Resource extraction sources are abandoned mines. TMDL end date: after 2015

REC	ION	TYPI	NAME	GALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED IMPLESIVE AFFECTED COMPLETION
					Copper		Low	2.7 Miles
					Resource extraction sources ar	e abandoned mines. TMDL end	d date: after 2015	
		•				Resource Extraction		
					Zinc		Low	2.7 Miles
					Resource extraction sources ar		d date: after 2015	
						Resource Extraction		
	5	R	Little Deer Creek	51720012	Managemen		•	4.1 349
					Mercury		Low	4.1 Miles
	ingerstaan in					Resource Extraction		
	5	R	Little Grizzly Creek	51854031				
					Copper		Medium	9.4 Miles
						Mine Tailings		
					Zinc		Medium	9.4 Miles
2000						Mine Tailings		
(-1,	5	R	Lone Tree Creek	53140000	,			
					Ammonia		Low	25 Miles
					TMDL end date: after 2015	TO 1.1.		
					Biological Oxygen Demand	Dairies	Low	25 Miles
					TMDL end date: after 2015		DOW	25 Wiles
					17722 CHA MARCH MARCH 2015	Dairies		
					Electrical Conductivity		Low	25 Miles
				•	TMDL end date: after 2015	•		
						Dairies		
U	5	R	Marsh Creek	54300020				
					Mercury	•	Low	23 Miles
						are abandoned mines. TMDL	end date: after 2015.	Entire segment is impaired for
					mercury.	Resource Extraction		
					Metals	ACCOUNTE EAGRACHOR	Low	23 Miles
						are abandoned mines. TMDL		Upper 12.7 miles (above Marsh
					Creek Reservoir) is impaired fo		-	•
		-				Resource Extraction		
•4,453,436,5464	5	L	Marsh Creek Reservoir	54300022			•	
					Mercury		Low	52 Acres
						Resource Extraction		

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DRAFT CALWATER. POTENTIAL: TMDL ESTIMATED PRIORITY SIZE AFFECTED. PROPOSED TMDL SOURCES REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* COMPLETION w Mendota Pool 55120000 Selenium Low 3045 Acres Agriculture Agricultural Return Flows Groundwater Withdrawal Other 53570000 R Merced River, Lower 5 Chlorovrifos Medium 51 Miles Agriculture Diazinon Medium 51 Miles Agriculture Group A Pesticides Low 51 Miles TMDL end date: after 2015 Agriculture 54400000 R Middle River Low Dissolved Oxygen Low 9.7 Miles Hydromodification Source Unknown 54400000 Mokelumne River, Lower Copper Low 29 Miles Resource Extraction Zinc Low 29 Miles Resource Extraction 53130000 Mormon Slough R Organic Enrichment/Low Dissolved Oxygen 6.1 Miles Low TMDL end date: after 2015. Only the lower 1 mile (Commerce St. to Stockton Deep Water Channel) is impaired for low DO. **Urban Runoff/Storm Sewers** Pathogens 6.1 Miles Medium TMDL end date: after 2015 Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating) 51911000 R Morrison Creek Diazinon High 21 Miles 2003 The agricultural source of diazinon for these waterbodies is from aerial deposition. Agriculture Urban Runoff/Storm Sewers

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

CALWATER PROPOSED EMDI ESTIMATED: REGION TYPE WATERSHED POLITIANT/STRESSOR* PRIORITY SIZE AFFECTED COMPLETION SOURCES -Mosher Slough 53120000 R Chlorpyrifos Medium 4.8 Miles Mosher Slough is impaired for Chlorpyrifos for 2 miles below I-5. Urban Runoff/Storm Sewers Diazinon Medium 4.8 Miles The agricultural source of diazinon for this waterbody is from aerial deposition. Mosher Slough is impaired for Diazinon for 2 miles below I-5. Agriculture **Urban Runoff/Storm Sewers** Organic Enrichment/Low Dissolved Oxygen 4.8 Miles TMDL end date: after 2015. Mosher Slough impaired by low DO for 2 miles below I-5. **Urban Runoff/Storm Sewers** Pathogens 4.8 Miles TMDL end date: after 2015. Mosher Slough impaired by pathogens for 5 miles. Urban Runoff/Storm Sewers 54120000 Mud Slough 13 Miles Boron Low TMDL end date: after 2015 Agriculture **Electrical Conductivity** Low 13 Miles TMDL end date: after 2015 Agriculture **Pesticides** 13 Miles Low TMDL end date: after 2015 Agriculture Selenium Medium 13 Miles Agriculture **Unknown Toxicity** Low 13 Miles TMDL end date: after 2015 Agriculture Natomas East Main Drainage Canal, Upper 51921000 Diazinon Medium 16 Miles The agricultural source is from aerial deposition. Agriculture Urban Runoff/Storm Sewers **PCBs** Low 16 Miles TMDL end date: after 2015 **Industrial Point Sources** Agriculture Urban Runoff/Storm Sewers

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REGION	TYP	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED TA SIZE AFFECTED COMPLETION
5	R	Newman Wasteway	54120000			A Section of the sect	A CONTRACTOR OF THE CONTRACTOR
				Chlorpyrifos		Low	8.3 Miles
				TMDL end date: after 2015			
					Agriculture		
				Diazinon		Low	8.3 Miles
				TMDL end date: after 2015			
					Agriculture		
5	R	Oak Run Creek	50733000				
				Fecal Coliform		Low	5.6 Miles
					Combined Sewer Overflow		
					Agriculture		
					<b>Grazing-Related Sources</b>		
					Pasture Grazing-Upland		
CT SH FREE, SE					Natural Sources		
5	R	Old River	54400000				
				Low Dissolved Oxygen		Low	15 Miles
					Hydromodification		
					Source Unknown		
5	R	Orestimba Creek	54220032	•			
				Azinphos-methyl		Medium	12 Miles
				Impaired for Azinphos-methyl j	for lower 3 miles.		
					Agriculture		
				Chlorpyrifos		Medium	12 Miles
				Impaired for Chlorpyrifos for l			
				**************************************	Agriculture	_	40. 340
				DDE	(D) to be seemed and after 2015	Low	12 Miles
				Historical agricultural use. 11	MDL to be completed after 2015.	Inipairea Jor DDE	z for lower 3 miles.
				Diazinon	Agriculture	Medium	12 Miles
				Impaired for Diazinon for lowe	or i milos	Medidili	12 miles
•				impun en jor Dittemon jor towe	Agriculture		
				Unknown Toxicity	<b>a</b>	Low	12 Miles
				•	Prestimba Creek is impaired for 3	miles for Unknow	
				·	Agriculture	•	•
5	R	Panoche Creek	55911060				
J	1	, anothe Citer	33711000	Mercury		Low	46 Miles
				•	e abandoned mines TMDI and		Impaired segment is lower 18 miles

Resource extraction sources are abandoned mines. TMDL end date: after 2015. Impaired segment is lower 18 miles below Silver Creek.

Resource Extraction

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

A PROPOSED TMDL GALWATER: POTENTIAL TMDL PRIORITY SIZE AFFECTED COMPLETION REGION TYPE WATERSHED POLLUTANT/STRESSOR* SOURCES Sedimentation/Siltation 46 Miles Low TMDL end date: after 2015 Agriculture Agriculture-grazing Highway/Road/Bridge Construction Selenium Low 46 Miles TMDL end date: after 2015 Agriculture Agriculture-grazing Highway/Road/Bridge Construction 52661080 Pit River Nutrients 123 Miles Low TMDL end date: after 2015 Agriculture Agriculture-grazing Organic Enrichment/Low Dissolved Oxygen Low 123 Miles TMDL end date: after 2015 Agriculture Agriculture-grazing 123 Miles Temperature Low TMDL end date: after 2015 Agriculture Agriculture-grazing Putah Creek, Lower 51120000 R Mercury Low 28 Miles Impairment due to Mercury is on lower reach below Lake Solano. Resource Extraction Source Unknown 51634033 Rollins Reservoir Mercury Medium 774 Acres Resource Extraction 52010000 Sacramento River (Red Bluff to Delta) R Diazinon High 274 Miles 2003 Agriculture Medium 274 Miles Mercury Resource extraction sources are abandoned mines. Resource Extraction 274 Miles **Unknown Toxicity** Low TMDL end date: after 2015 Source Unknown

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GION	TYPI	NAME?	CALWATER WATERSHED	POLLUTANT/STRESSOR*	**** POTENTIAL SOURCES	TMDL PRIORITY :		OPOSED TWO
5	R	Sacramento River (Shasta Dam to Red	50810000			-		
		Bluff)		Unknown Toxicity		Low	71 Miles	
				Olikhowii Toxicity	Source Unknown	1.011	/1 Miles	
					Source Onknown			525 C. T. F. 1703
5	R	Sacramento Slough	51922000	Diazinon		Medium	1.7 Miles	
				Diazinon	4 . • 14	Medium	1.7 Miles	
		•			Agriculture Urban Runoff/Storm Sewers			
				Mercury	Or Dair Runoti/Storin Sewers	Low	1.7 Miles	
				TMDL end date: after 2015		20	717 (1711)	
				•	Source Unknown			
5	R	Salt Slough	54120000					
J	K	Sait Slough	34120000	Boron		Low	33 Miles	
				TMDL end date: after 2015				
				•	Agriculture			
				Chlorpyrifos		Low	33 Miles	
				TMDL end date: after 2015				
	•			n	Agriculture	_	22 2411	
				Diazinon		Low	33 Miles	
				TMDL end date: after 2015	Agriculture			
			•	Electrical Conductivity		Low	33 Miles	
				TMDL end date: after 2015				
					Agriculture			
				Unknown Toxicity		Low ·	33 Miles	
				TMDL end date: after 2015			•	
LKI I					Agriculture			22 23 1 TO 1 T
5	R	San Carlos Creek	55911085			_		
				Mercury		Low	8.5 Miles	
				All resource extraction source miles by mercury.	es are abandoned mines. TMDL en	id date: after 2015.	San Carlos Creek is impai	red for 4
					Resource Extraction			
5	R	San Joaquin River (Bear Creek to Mud Slough)	53570000					
				Boron		High	14 Miles	2003
					Agriculture	-		
				Chlorpyrifos		High	14 Miles	2003
					Agriculture			
				DDT	~	Low	14 Miles	•
					Agriculture		•	
					~			

REGION TYPE NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL. SOURCES	EMDL. PRIORETY SI	ESTIMATED: PROZE AFFECTED: C	POSED TIMIDL OMPLETION
	<u></u>	Diazinon		High	14 Miles	2003
			Agriculture			
	•	Electrical Conductivity		High	14 Miles	2003
		O 40 411.	Agriculture	•	44 240	
		Group A Pesticides	At-oleaves	Low	14 Miles	
		Mercury	Agriculture	Medium	14 Miles	
	•		Resource Extraction			
		Unknown Toxicity		Low	14 Miles	
			Source Unknown			
5 R San Joaquin River (Mendota Po Creek)	ool to Bear 53570000					
		Boron		High	67 Miles	2003
		Entire segment is impaired b	•			
		Chlorpyrifos	Agriculture	High	67 Miles	2003
		Entire segment is impaired b	by chlorpyrifos.	mgn	07 Miles	2003
			Agriculture			
		DDT		Low	67 Miles	
		TMDL end date: after 2015.	Entire segment is impaired by I	DDT.		
		Diazinon	Agriculture	High	67 Miles	2003
		Entire segment is impaired b	by Diazinon.		07 Willes	2003
		2 0 000, 10 1	Agriculture			
·		<b>Electrical Conductivity</b>		High	67 Miles	2003
		Entire segment is by impaire				
		C AB	Agriculture	<b>T</b>	(7 NEW	
		Group A Pesticides  TMDL and date: after 2015	Entire segment is impaired by (	Low Group A pesticides	67 Miles	
		IMDL em ame. ajter 2015.	Agriculture	Group is pesucities.		
		Unknown Toxicity	5	Low	67 Miles	
		TMDL end date: after 2015.	Entire segment is impaired by b	Unknown Toxicity.		
			Source Unknown			
5 R San Joaquin River (Merced Riv Delta Boundary)	ver to South 54400000				•	
•		Boron		High	43 Miles	2003
			Agriculture	***	12 24"	2007
		Chlorpyrifos		High	43 Miles	2003
			Agriculture			

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RÉGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL. SOURCES:	FMDL- PRIORITY		ROPOSED TMDL COMPLETION
			DDT		Low	43 Miles	
			Diazinon	Agriculture	High	43 Miles	2003
			Electrical Conductivity	Agriculture	High	43 Miles	2003
			Group A Pesticides	Agriculture	Low	43 Miles	
			Mercury	Agriculture  Resource Extraction	Medium	43 Miles	
			Unknown Toxicity	Source Unknown	Low	43 Miles	
5 R	San Joaquin River (Mud Slough to Merced River)	53570000					
	Rivery		Boron	Agriculture	High	3 Miles	2003
			Chlorpyrifos		High	3 Miles	2003
•			DDT	Agriculture	Low	3 Miles	
			Diazinon	Agriculture	High	3 Miles	2003
			Electrical Conductivity	Agriculture	High	3 Miles	2003
			Group A Pesticides	Agriculture	Low	3 Miles	
			Mercury	Agriculture	Medium	3 Miles	
			Selenium	Resource Extraction	Low	3 Miles	
			Unknown Toxicity	Agriculture	Low	3 Milés	
				Source Unknown			
. 5 L	Scotts Flat Reservoir	51720011	Mercury		Medium	660 Acres	
				Resource Extraction			·
5 L	Shasta Lake	50610000	Cadmium		Low	27335 Acres	
				Resource Extraction			

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REGION	TYPI	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED TIMO! SIZE AFFECTED COMPLETION
				Copper		Low	27335 Acres
44			•		Resource Extraction		
				Zinc		Low	27335 Acres
					Resource Extraction		
5	R	Smith Canal	54400000			A STATE OF THE STA	4.444
				Organic Enrichment/Low Disso	lved Oxygen	Low	2.4 Miles
				TMDL end date: after 2015	Halam Danie (CC)		
				Organophosphorus Pesticides	Urban Runoff/Storm Sewers	Medium	2.4 Miles
				Or Panohnoshioi na 1 cancines	Lirban Dunoff/Staum Sauren	Miculuiii	2.4 Willes
				Pathogens	Urban Runoff/Storm Sewers	Low	2.4 Miles
				TMDL end date: after 2015		2011	L.T HAILS
					Urban Runoff/Storm Sewers		
<u> </u>					Recreational and Tourism Act	ivities (non-bo	ating)
5	R	South Cow Creek	50731000				
				Fecal Coliform	•	Low	3.8 Miles
	•				Agriculture		
					Grazing-Related Sources		•
<b>V</b> arious En	nations.				Other		
5	R	Spring Creek, Lower	52440010				
				Acid Mine Drainage	1 1 1	Low	2.6 Miles
				All resource extraction sources	are abandoned mines.  Resource Extraction		
		•		Cadmium	Nesouice Extraction	Low	2.6 Miles
				All resource extraction sources	are abandoned mines.	2311	and Maries
					Resource Extraction		
				Copper		Low	2.6 Miles
				All resource extraction sources of			
				7ine	Resource Extraction	T	2.6. 0411
			,	Zinc All resource extraction sources of	are ahandoned miner	Low	2.6 Miles
				in resource extraction sources (	Resource Extraction		
5	R	Stanislaus River, Lower	53530000				
J		Samulado Adreis Soviet	5535000	Diazinon		High	59 Miles 2004
				•	Agriculture	•	
				Group A Pesticides		Low	59 Miles
				TMDL end date: after 2015			
					Agriculture		

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i e	? 3W.		CALWATER :		POTENTIAL .	TMDL	ESTIMATE	
REGION	TYP	NAME	WATERSHED	POLLUTANT/STRESSOR*	sources	PRIORITY.	SIZE AFFECT	ED COMPLETION
				Mercury		Low	59 Mi	les
				TMDL end date: after 2015				
					Resource Extraction			
				Unknown Toxicity		Low	59 Mi	les
				TMDL end date: after 2015				
	1				Source Unknown			
5	R	Stockton Deep Water Channel, Upper (Port Turning Basin)	54400000					
				Dioxin		Low	3.3 Mi	les
				This listing was made by USEPA	1. TMDL end date: after 2015			
					Point Source			
				Furan Compounds		Low	3.3 Mi	les
				TMDL end date: after 2015				
					Contaminated Sediments			
				Pathogens		Medium	3.3 Mi	les
				TMDL end date: after 2015				
				•	Urban Runoff/Storm Sewers	41141 6 1	_\	
		•		PCBs	Recreational and Tourism Ac	tivities (non-boatin Low	g) 3.3 Mi	los
				This listing was made by USEPA	TMDI and data: after 2015	LUW	3.3 1411	ies
				This fishing was made by OSET A	Point Source			
		C. B. I Cl. I	51031000					
5	R	Strong Ranch Slough	51921000	Chlorpyrifos	•	High	6.4 Mi	les 2003
				Chiorpyrnos	T1 1 70 600 0	mgn	0.4 1111	165 2003
				Diazinon	Urban Runoff/Storm Sewers	17: ~L	6.4 Mi	les 2003
				The agricultural source of diazing	non for these waterhodies is from	High	0.4 1411	ies 2003
				The agricultural source Of alazh	on jor mese waterboates is from Agriculture	aeran aeposaton.		
					Urban Runoff/Storm Sewers			
	···//		£1385010					
5	R	Sulphur Creek	51355010	Moranes		Uiak	21 84	lon 3004
				Mercury  All resource extraction sources	ara abandonad miner	High	2.1 Mi	les 2004
				AN TESOUTCE EXITEERION SOUTCES	Resource Extraction	•		
**	ar salar			-range and a second	A COMPANY OF THE PARTY OF THE P			
5	R	Sutter Bypass	52030000	Distance		34.3*	40	1
				Diazinon		Medium	19 Mi	ies
	*********				Agriculture	2000		
5	R	Temple Creek	53140000					
				Ammonia		Low	10 Mi	les
				TMDL end date: after 2015				
			•		Dairies			

CALWATER POTENTIAL PROPOSED: TMD1 TMDI ESTIMATED REGION TYPE NAME WATERSHED POLICITANT/STRESSOR* PRIORITY SIZE AFFECTED COMPLETION SOURCES: **Electrical Conductivity** Low 10 Miles TMDL end date: after 2015 Dairies 50620010 Town Creek R Cadmium Low 0.98 Miles All resource extraction sources are abandoned mines. Resource Extraction Copper Low 0.98 Miles All resource extraction sources are abandoned mines. Resource Extraction Low 0.98 Miles Lead All resource extraction sources are abandoned mines. Resource Extraction Zinc Low 0.98 Miles All resource extraction sources are abandoned mines. Resource Extraction 53550000 Tuolumne River, Lower R Medium 60 Miles Diazinon The Lower Tuoluolumne River is impaired by diazinon for 42 miles. Agriculture **Group A Pesticides** Low 60 Miles TMDL end date: after 2015. The Lower Tuolummne River is impaired by Group A Pesticides for 54 miles. Agriculture **Unknown Toxicity** Low 60 Miles TMDL end date: after 2015. The Lower Tuolumne River is impaired by unknown toxicity for 54 miles. Source Unknown 53140000 Walker Slough R 2.3 Miles Pathogens Medium Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating) West Squaw Creek, Lower 50620010 1.3 Miles Cadmium Low The lower 2 miles of West Squaw are impaired. Resource Extraction Low 1.3 Miles Copper The lower 2 miles of West Squaw are impaired. Resource Extraction Low 1.3 Miles Lead The lower 2 miles of West Squaw are impaired. Resource Extraction

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RÉGION	- TŸŖĘ	NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	PÖTENTIAL SOURCES P	TMDL RIORITY	ESTÎMA SIZE AFFI	
				Zinc		Low	1.3	Miles
				The lower 2 miles of West Squar	v are impaired.			
					Resource Extraction			
5	R	West Squaw Creek, Upper	50620042					
		•		Cadmium		Low	3.9	Miles
				All resource extraction sources	are abandoned mines.			
		·			Resource Extraction			
				Copper		Low	3.9	Miles
				All resource extraction sources	are abandoned mines.			•
					Resource Extraction			
				Lead		Low	3.9	Miles
				All resource extraction sources	are abandoned mines.			
	-				Resource Extraction			
				Zinc		Low	3.9	Miles
				All resource extraction sources	are abandoned mines.			
					Resource Extraction			
5	L	Whiskeytown Reservoir	52461000					
		•		High Coliform Count		Low	3116	Acres
					Septage Disposal			
64 SP - J1		Will Company to the second	52//2011			88 5 5	## ** ** ** ** ** ** ** ** ** ** ** ** *	
5	R	Willow Creek (Whiskeytown)	52463011	Anid Mine Destruct		Low		3.6*1
				Acid Mine Drainage	and the standard mines. TMDI and de-			Miles
				All resource extraction sources	are abandoned mines. TMDL end dat Resource Extraction	ie: ajier 2013	•	
				Copper	Resource Extraction	Low	6.0	Miles
				• •	are abandoned mines. TMDL end dat			Miles
			·	All resource extraction sources	Resource Extraction	ie. ujier 2015		
				Zinc	Resource Extraction	Low	60	Miles
					are abandoned mines. TMDL end dat			Miles
				An resource extraction sources	Resource Extraction	ic. tijici 2015		
· · · · · · · · · · · · · · · · · · ·		W. If Co.	F1(22010			NAMES OF BUILDING	OF STREET	
5	R	Wolf Creek	51632010	Fecal Coliform		Low	22	Miles
				rttai Comoi III		LUW	43	Mines
				•	Agriculture			
				•	Urban Runoff/Storm Sewers	• 4	4	
					Recreational and Tourism Activit	ies (non-boat	ting)	

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REC	SION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL:	ESTIMATED PR	OPOSED TMDL OMPLETION
	6	R	Aspen Creek	63210080					
					Metals		Low	0.93 Miles	
					Affected by acid mine drainage remediation programs.	from Leviathan Mine. TMDL to	be coordinated with	h Regional Board /CERCL	A
					. •	Mine Tailings			
		,				Acid Mine Drainage			
						Inactive Mining			
						Natural Sources			
CHITYSHER						Nonpoint Source			
filliani mira	6	R	Aurora Canyon Creek	63030040					
					Habitat alterations		Low	8.1 Miles	
					Since creek is not impaired by j	pollutants, a TMDL may not be r	equired under pend	ding revisions to federal reg	gulations.
						Range Grazing-Riparian and	l/or Upland		
CALLED ST	6	R	Bear Creek (Placer)	63520010					
					Sedimentation/Siltation		Medium	3 Miles	
					Creek affected by hydrologic m	odification for ski resort/snow m	aking pond.		
						Hydromodification			
					•	Nonpoint Source			
Market 1	6	R	Big Meadow Creek	63410011					
	•			55 11111	Pathogens		Low	1.4 Miles	
					TMDL end date: after 2015				
					<b>,</b>	Range Grazing-Riparian and	l/or Upland		
						Natural Sources	-		
						Recreational and Tourism A	ctivities (non-boat	ing)	
	6	R	Blackwood Creek	63420021					
	•		District Green	00.120021	Iron		Low	5.9 Miles	
						2015. Revision of iron standard i	mav be considered		
					,	Erosion/Siltation	-	, ,	
						Natural Sources			
						Nonpoint Source			
					Nitrogen		Low	5.9 Miles	
			·		Nitrogen loading from creek to needed for Blackwood Creek, it	be addressed during development will be completed after 2015.	nt of Lake Tahoe TN	ADL. If a more specific TM	fDL is
						Silviculture			
						Resource Extraction			
						Hydromodification			
						Streambank Modification/De	estabilization		
						Erosion/Siltation			
			•			Atmospheric Deposition			
					•	Natural Sources			
				•		Nonpoint Source			

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CALWATER REGION TYPE NAME WATERSHED	POLLUTANT/STRESSOR*			ESTIMATED PROPOSED IMDL. SIZEAFFECTED COMPLETION
	Phosphorus	-	Low	5.9 Miles
	Phosphorus loading from creek creek is needed, it will be comp		nt of Lake Tahoe A	TMDL; if a more specific TMDL for
		<b>Grazing-Related Sources</b>		
·		Silviculture		
		Resource Extraction		
		Hydromodification		
		Streambank Modification/Dest	abilization	
		Erosion/Siltation		
		Natural Sources		
·		Nonpoint Source		
	Sedimentation/Siltation		Medium	5.9 Miles
	Creek affected by past gravel q	uarry operations and other watersh	ed disturbance in o	cluding grazing and timber harvest
		Range Grazing-Riparian and/o	r Upland	
		Silviculture		
		Construction/Land Development	nt	
		Surface Runoff		
		Resource Extraction		
		Hydromodification		
		Streambank Modification/Dest	abilization	
		Erosion/Siltation		
		Atmospheric Deposition		
		Natural Sources		
·		Recreational and Tourism Acti	vities (non-boatin	rg)
	Control (Control Control Contr	Nonpoint Source		
6 R Bodie Creek 63020031				
	Metals		Medium	11 Miles
•	Affected by drainage from inac	tive mines, mine tailings in creek.		
		Resource Extraction		
		Mine Tailings		
		Inactive Mining	•	
		Nonpoint Source		

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

DRAFT CALWATER POTENTIAL ESTIMATED PROPOSED TMDL TMDL. WATERSHED POLLUTANT/STRESSOR REGION TYPE SOURCES PRIORITY SIZE AFFECTED COMPLETION Bridgeport Reservoir 63030050 Nitrogen Low 2614 Acres **Grazing-Related Sources** Pasture Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Wastewater - land disposal Flow Regulation/Modification Removal of Riparian Vegetation Streambank Modification/Destabilization **Channel Erosion** Erosion/Siltation Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) **Phosphorus** Medium 2614 Acres **Grazing-Related Sources** Pasture Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Wastewater - land disposal Flow Regulation/Modification Removal of Riparian Vegetation Streambank Modification/Destabilization **Channel Erosion** Erosion/Siltation Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) **Natural Sources** Recreational and Tourism Activities (non-boating) Sedimentation/Siltation Medium 2614 Acres **Grazing-Related Sources** Streambank Modification/Destabilization Erosion/Siltation Sediment Resuspension

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REGIO	N TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED TMDL SIZE AFFECTED COMPLETION
6	R	Bronco Creek	63520053		•		
				Sedimentation/Siltation		Medium	1.3 Miles
				Watershed disturbance in nature	ılly highly erosive watershed		
		•			Silviculture		
					Natural Sources		
				_	Nonpoint Source		
6	R	Bryant Creek	63210080	3,000			
_				Metals		Low	5.2 Miles
				Affected by acid mine drainage j remediation programs.	rom Leviathan Mine. Problem l	being addressed thr	ough RWQCB and CERCLA
					Mine Tailings		
					Acid Mine Drainage		
		•			Inactive Mining		
				•	Nonpoint Source		
6	R	Buckeye Creek	63040022				
		•		Pathogens		Low	17 Miles
				TMDL to be completed after 201	5		
					Grazing-Related Sources		
					Pasture Grazing-Riparian an	d/or Upland	
					Range Grazing-Riparian and	or Upland	
					Natural Sources		
					Recreational and Tourism Ac	ctivities (non-boati	ng)
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014	A 11 Company of the C	and the second s		13k 3 A
				Other inorganics		Low	18 Miles
				Listed for violation of percent so completed after 2015	dium objective. Revision of stan	dard to be consider	ed. TMDL, if needed, to be
					Onsite Wastewater Systems (	Septic Tanks)	
					<b>Atmospheric Deposition</b>		
					Highway Maintenance and R	unoff	
					Natural Sources		·
					Recreational and Tourism Ac	ctivities (non-boati	ng)

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			2002 CWA SECTION	303(u) 12		ZOVETT TIME			DRAFT
RE	GION	TYPE	NAME:	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL E. E. PRIORITY SIZ		POSED TMDL IMPLETION
	_				Phosphorus		Low	18 Miles	
					Revision of standard may be cor	nsidered. TMDL, if needed, to be co	ompleted after 2015		
						Silviculture			•
						Habitat Modification			
						Removal of Riparian Vegetation	n		
						Streambank Modification/Desta	abilization		
						Channel Erosion			
						Erosion/Siltation			
						Atmospheric Deposition			
						Highway Maintenance and Rur	noff		
						Natural Sources			
						Recreational and Tourism Acti	vities (non-boating)		
Lacence	6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012	The second secon	Tanan salah ke dan dan salah sal			
					Nitrogen		Low	3.6 Miles	
					Revision of standards may be co	onsidered. TMDL, if needed, to be	completed after 2015		
						Pasture Grazing-Riparian and/	or Upland		
						Range Grazing-Riparian and/o	r Upland		
						Agriculture-storm runoff			
					·	Agriculture-subsurface drainag	ge		
			•		·	Agriculture-irrigation tailwater	r		
						Silviculture			
						Wastewater - land disposal		·	
						Habitat Modification			
						Removal of Riparian Vegetation			
						Streambank Modification/Desta	abilization		
						Channel Erosion			
			•			Erosion/Siltation			
						Atmospheric Deposition		•	
						Highway Maintenance and Run	off		
						Natural Sources			
					5.11	Recreational and Tourism Activ		2 ( ) 2 ( )	
					Sodium		Low	3.6 Miles	
						Agriculture-storm runoff			
						Agriculture-irrigation tailwater	r		
,						Agriculture-grazing			
					•	Wastewater - land disposal			
			•			Onsite Wastewater Systems (Se	ptic Tanks)		
						Atmospheric Deposition	- cc		
						Highway Maintenance and Run	1011		
						Natural Sources	vities (non booting)		
						Recreational and Tourism Activ	vities (non-boating)		

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REGIO	N TYP	E ^{xi} NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR+		TMDL NORITY	ESTIMATED PROPOSED TMDL SIZE AFFECTED COMPLETION
6	w	Cinder Cone Springs	63520010				
				Nutrients		Low	1 Acres
				Springs tributary to Truckee Rive discontinued 1978). Further mot	r, affected by subsurface drainage fro uitoring may support delisting.	om former w	vastewater disposal area (disposal
					Wastewater - land disposal		
				Salinity/TDS/Chlorides		Low	1 Acres
				Subsurface drainage from former monitoring may support delisting		een monitor	red routinely in recent years; further
					Wastewater - land disposal		
6	R	Clark Canyon Creek	63030041	Notice to the second		· · · · · · · · · · · · · · · · · · ·	
		•		Habitat alterations		Low	5 Miles
				Creek may be placed on list of war	nters impaired by pollution and not re	quiring TM	DLs under pending changes in federal
					Range Grazing-Riparian and/or UI	pland	
6	R	Clearwater Creek	63040051				
•				Sedimentation/Siltation		Low	12 Miles
				Listed on basis of limited informa	tion; additional monitoring may supp	ort delistin	g.
				•	Range Grazing-Riparian and/or Up	oland	
					Construction/Land Development		
					Highway Maintenance and Runoff		
6	R	Cottonwood Creek (below LADWP diversion)	60330000	A Park State of the State of th			
				Flow alterations		Low	1.8 Miles
				Creek may be placed on list of wa regulations.	tters impaired by pollution and not re	quiring TM	DLs under pending changes to federal
					Water Diversions		
6	L.	Crowley Lake	60310090			and it a side is the	
		•		Nitrogen		Low	4861 Acres
				TMDL expected to use data from of internal nutrient cycling.	ongoing Section 319-funded study of	nutrient loa	nding and salary-savings funded study
					Grazing-Related Sources		
					Atmospheric Deposition		
					Internal Nutrient Cycling (primaril	ly lakes)	
					Natural Sources		
			•		Nonpoint Source		

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	<u> </u>	<u> </u>		DRAFT
REGION TYPE NAME	CALWATER TO WATERSHED POLLUTANT/ST	POTENTIAL RESSOR* SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED TMDL SIZE AFFECTED COMPLETION
	Phosphorus		Low	4861 Acres
		to use data from ongoing Section 319 -funded int cycling.	study of nutrient loo	
	•	Grazing-Related Sources		
		Erosion/Siltation		
	•	Internal Nutrient Cycling	(primarily lakes)	•
		Natural Sources	. ,	
		Nonpoint Source		
6 L Eagle Lake (Lassen)	63732000			
	Nitrogen		Low	20704 Acres
·		Agriculture		
		Grazing-Related Sources		
		Silviculture		•
		Other Urban Runoff		
		Highway/Road/Bridge Ru	noff	
		Wastewater		
	•	Onsite Wastewater System	ıs (Septic Tanks)	
		Marinas and Recreational	Boating	•
		Atmospheric Deposition		•
		Internal Nutrient Cycling	(primarily lakes)	
		Sediment Resuspension		
		Natural Sources		
		Recreational and Tourism	Activities (non-boat	ing)
		Nonpoint Source		
	Phosphorus		Low	20704 Acres
		<b>Grazing-Related Sources</b>		
		Silviculture		
		Other Urban Runoff		•
	·	Highway/Road/Bridge Ru	noff	
		Wastewater		
		Onsite Wastewater System	s (Septic Tanks)	
		Marinas and Recreational	Boating	•
		Atmospheric Deposition		
		Internal Nutrient Cycling	(primarily lakes)	
		Sediment Resuspension		
		Natural Sources		
		Recreational and Tourism	Activities (non-boat	ing)
		Nonpoint Source		
	Series 1977 - Transport Co. 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 19			

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	46.75		CALWATER		POTENTIAL TMDL	ESTINIATED PROPOSED TMD
REGION	TYPE	NAME		POLLUTANT/STRESSOR*	SOURCES	
6	R	East Walker River, above Bridgeport	63030050			A. 400
·		Reservoir				
				Pathogens	Low	7.2 Miles
				TMDL to be completed after 201	5	·
					Pasture Grazing-Riparian and/or Upland	
					Other Urban Runoff	
					Natural Sources	
					Recreational and Tourism Activities (non-b	oating)
6	R	East Walker River, below Bridgeport	63030050			
•		Reservoir				
				Nitrogen	Low	8 Miles
					Grazing-Related Sources	
		υ			Pasture Grazing-Riparian and/or Upland	
					Range Grazing-Riparian and/or Upland	
					Highway/Road/Bridge Runoff	
					Upstream Impoundment	
					Flow Regulation/Modification	
					Streambank Modification/Destabilization	
					Erosion/Siltation	
					Atmospheric Deposition	
					Natural Sources	
					Upstream Impoundment	
				Phosphorus	Low	8 Miles
				TMDL to be completed after 201	5	
					Pasture Grazing-Riparian and/or Upland	
					Range Grazing-Riparian and/or Upland	
					Other Urban Runoff	
					Highway/Road/Bridge Runoff	
				•	Upstream Impoundment	
					Flow Regulation/Modification	
					Streambank Modification/Destabilization	
					Erosion/Siltation	
					Atmospheric Deposition	
					Natural Sources	
					Upstream Impoundment	
				Sedimentation/Siltation	Low	8 Miles
					Grazing-Related Sources	
					Highway/Road/Bridge Runoff	
					Urban Runoff-Erosion and Sedimentation	
					Upstream Impoundment	
					Erosion/Siltation	
					Upstream Impoundment	

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REGION	TYPI	NAME NAME	CALWATER WATERSHED	POLEUTANT/STRESSOR*	POTENTIAL SOURCES	EMDE PRIORITY	ESTIMATED PROPOSED TMDI- SIZE AFFECTED COMPLETION
6	R	General Creek	63420030				
				Iron		Low	9.1 Miles
				TMDL end date: after 2015			
					Silviculture		
					Natural Sources	_	
				Phosphorus		Low	9.1 Miles
				TMDL end date: after 2015	F		
					Erosion/Siltation Atmospheric Deposition		
					Natural Sources		
6	R	Goodale Creek	60330112	Sedimentation/Siltation		Low	12 Miles
				Potential for delisting following	ing further monitoring	LOW	12 Willes
		•		1 olenital for thelisting follows	Range Grazing-Riparian a	nd/or Unland	
	-		(3530053				
6	R	Gray Creek (Nevada)	63520052	Sedimentation/Siltation		Medium	2.8 Miles
					naturally highly erosive watersh		2.8 Miles
				betiment from tilstarblinee of	Silviculture	cu.	
					Natural Sources		
					Nonpoint Source		
6	R	Green Creek	63030050				
		•		Habitat alterations	•	Low	16 Miles
				Creek listed due to impacts of	f hydromodification by Dynamo I	Pond facility. May be	placed on separate list of waters
				impaired by pollution and no	t requiring TMDLs if pending rev	<del>-</del>	lations take effect.
					Range Grazing-Riparian a	nd/or Upland	
					Hydromodification		
6	R	Green Valley Lake Creek	62820000		•		
			•	Priority Organics		Medium	3.8 Miles
				- 5 ,	nown) were detected in stream in	1980s; no monitorin	g since. Stream needs reevaluation
		,		to determine need for listing.	Source Unknown		
		П.: В	(2410071				
0	L	Haiwee Reservoir	62410071	Copper		High	1703 Acres 2003
				• •	lgicide used to prevent taste/odo	Ü	
				development in progress. A d	letermination of whether or not th	is water body is a "w	vater of the United States" will be
				made by the Regional Water (			
					Other		

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		E-NAME.	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFF	ECTED COMPLETION
6	R	Heavenly Valley Creek	63410031	Chloride		Law	2.5	7.41
					2015 if needed. (Chloride standard may	Low	3.5	Miles
				TMDL to be completed tifter	Highway/Road/Bridge Runoff	•		
					Atmospheric Deposition	•		
					Natural Sources			
					Source Unknown			
		•		Sedimentation/Siltation		Low	3.5	Miles
				Trail]. TMDL for reach belo (Restoration of this reach pla	ediment TMDL completed 2001 for read ow Pioneer Trail has Medium priority a nnned as part of Tahoe Regional Planni nay lead to standards attainment.)	nd will be comp	leted after 2	2015 if needed.
				,	Construction/Land Development			
					Land Development			
					Hydromodification			
					Habitat Modification			
					Recreational and Tourism Activi	ties (non-boati	ıg)	
*******	- 1200010				Nonpoint Source			
6	S	Honey Lake	63710060					340 1 1 3 3 4 4 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				Arsenic		Low	57756	Acres
				Arsenic is ultimately from na determine need for TMDL.	tural sources, but lake is affected by ged	othermal discha	rges. Furth	er study needed to
		•			Geothermal Development			
					Flow Regulation/Modification			
					Natural Sources			
			•		Nonpoint Source			
				Salinity/TDS/Chlorides		Low	5775 <b>6</b>	Acres
				Further study needed to dete	rmine extent of impairment and need for	r TMDL.		
					Agriculture			
					Agricultural Return Flows Geothermal Development			
					Agricultural Water Diversion			
					Sediment Resuspension			
		,			Natural Sources			
					Nonpoint Source			
6	W	Honey Lake Area Wetlands	63710060					
U	**	Money Lake Area Wellands	03/10000	Metals		Low	62590	Acres
					d to determine extent of impairment and			- ···
					Agriculture	,		
					Geothermal Development			
					Natural Sources			

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mericoncies:				W	W-10-10-10-10-10-10-10-10-10-10-10-10-10-		UK
REGION	TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY S	ESTIMATED PROPOSED IN IZE AFFECTED - COMPLETION
6	S	Honey Lake Wildfowl Management Ponds	63720095		· · · · · · · · · · · · · · · · ·		
				Flow alterations		Low	665 Acres
				Ponds may be placed on separ federal regulations.	rate list of waters impaired by pollut	ion and not needing	g TMDLs under pending changes to
					<b>Agricultural Water Diversion</b>		•
				Metals		Low	665 Acres
				Further monitoring needed to	determine extent of impairment and	need for TMDL.	
					Agriculture		
					Geothermal Development		
					Natural Sources		
				Salinity/TDS/Chlorides		Low	665 Acres
				Further monitoring needed to	determine extent of impairment and	need for TMDL.	
		•			Agriculture		
					Geothermal Development		
					Natural Sources		
		•		Trace Elements		Low	665 Acres
				Further monitoring needed to	determine extent of impairment and	need for TMDL.	
					Geothermal Development		
					Nurseries		
6	L	Horseshoe Lake (Mojave)	62820000				
				Sedimentation/Siltation		Medium	31 Acres
				Further monitoring may perm	it delisting.		
					Construction/Land Developme	nt	
6	R	Hot Springs Canyon Creek	63030042				9.1
				Sedimentation/Siltation		Medium	2.9 Miles
				Listed on basis of limited data	r; further monitoring may support de	listing. TMDL, if n	eeded, to be completed by 2011.□
					Range Grazing-Riparian and/o	or Upland	
6	R	Indian Creek (Alpine)	63220010				
				Habitat alterations		Low	13 Miles
				Creek may be placed on list of regulations take effect.	f water bodies impaired by pollution	and not requiring	TMDLs if pending revisions to
					Agriculture		
					Pasture Grazing-Riparian and	or Upland/	
					Agriculture-irrigation tailwate	r	
					Upstream Impoundment		
					Flow Regulation/Modification		
					Agricultural Water Diversion		
					Upstream Impoundment		
				Pathogens		Low	13 Miles
				TMDL end date: after 2015			
					<b>Grazing-Related Sources</b>		
					Pasture Grazing-Riparian and	or Upland/	

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6 L Indian Creek Reservoir 63220010  Phosphorus High 164 Acres  Reservoir is eutrophic. Most significant source of nutrient loading is release of phosphorus from sediment. I  phosphorus TMDL, first released in 2000, is planned for revision and recirculation, with Regional Board co  in July 2002. Reductions in phosphorus loading are expected to ameliorate other problems associated with  eutrophication.	
Reservoir is eutrophic. Most significant source of nutrient loading is release of phosphorus from sediment. I phosphorus TMDL, first released in 2000, is planned for revision and recirculation, with Regional Board co in July 2002. Reductions in phosphorus loading are expected to ameliorate other problems associated with eutrophication.	Draft
phosphorus TMDL, first released in 2000, is planned for revision and recirculation, with Regional Board co in July 2002. Reductions in phosphorus loading are expected to ameliorate other problems associated with eutrophication.	
in July 2002. Reductions in phosphorus loading are expected to ameliorate other problems associated with eutrophication.	nsideration
eutrophication.	
Pasture Grazing-Riparian and/or Upland	
Wastewater	
Flow Regulation/Modification	
Erosion/Siltation	
Internal Nutrient Cycling (primarily lakes)	
6 R Lassen Creek 63720082	
Flow alterations Low 8 Miles	
Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollu than pollutants, and no TMDL would be developed.	ition rather
Flow Regulation/Modification	
6 R Lee Vining Creek 60100035	
Flow alterations Low 9 Miles	
Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollu requiring TMDLs.	tion but not
Flow Regulation/Modification	
6 R Leviathan Creek 63210080	
Metals Low 3.2 Miles	
TMDL development to be coordinated with ongoing Regional Board and CERCLA remediation activities at Mine site.	Leviathan
Mine Tailings	
Acid Mine Drainage	
Inactive Mining	•
Erosion/Siltation	
6 R Mammoth Creek 60310053	***************************************
Metals Low 12 Miles	
Needs monitoring to determine current extent of impairment and need for TMDL.	
Other Urban Runoff	
Natural Sources	
Nonpoint Source	
6 R Mill Creek (Modoc) 64130011	**************************************
Sedimentation/Siltation Low 4.2 Miles	
Creek needs monitoring to determine current extent of impairment and need for TMDL.	
Range Grazing-Riparian and/or Upland	

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REGIO	N TYP	e NAME	CAEWATER WATERSHED	POLLUTANT/STR <u>r</u> sso	POTENTIAL R* — SOURGES	TMDL PRIORITY		ED TMDL ETION
6	R	Mill Creek (Mono)	60100031					
				Flow alterations		Low	12 Miles	
				Under pending revisions and not requiring TMDL	to regulations, creek could be placed or s.	n a separate list of w	ater bodies impaired by pollutio	on
					Water Diversions			
6	R	Monitor Creek	63210070					
				Aluminum		Low	4 Miles	
				TMDL to be coordinated	with CERCLA remediation and comple	ted after 2015.		
					Mill Tailings			
		•		•	Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source	-		
				Iron		. Low	4 Miles	
				TMDL to be coordinated	with CERCLA remediation and comple	ted after 2015.		
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
		*		Manganese	•	Low	4 Miles	
				TMDL to be coordinated	with CERCLA remediation and complete	ted after 2015.		
					Mill Tailings		•	
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
				Silver		Low	4 Miles	
				TMDL to be coordinated	with CERCLA remediation and complete	ted after 2015.		
		•			Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage		•	
					Inactive Mining			
					Natural Sources	•		
					Nonpoint Source			
				,				

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REGION	TYPE	NAME 2	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL TMDL SOURCES PRIORITY	ESTIMATED PROPOSED TMDL. SIZE AFFECTED COMPLETION
				Total Dissolved Solids	Low	4 Miles
				TMDL to be coordinated with	CERCLA remediation and completed after 2015	
					Mill Tailings	
			•		Mine Tailings	·
					Acid Mine Drainage	
					Inactive Mining	
					Natural Sources	
The Agreement of the	**************************************				Nonpoint/Point Source	
6	R	Owens River (Long HA)	60310090			
				Habitat alterations	Low	26 Miles
			·	River may be placed on separa federal regulations.	ate list of waters impaired by pollution and not ne	eding TMDLS under pending changes to
					Agriculture	
7					Grazing-Related Sources	
					Hydromodification	
					Flow Regulation/Modification	
6	R	Owens River (Lower)	60330000			
				Habitat alterations	Low	53 Miles
		,		River may be placed on separa federal regulations.	nte list of waters impaired by pollution and not new	eding TMDLs under pending changes in
					Agriculture	
					Hydromodification	
6	R	Owens River (Upper)	60320000			
				Habitat alterations	Low	69 Miles
				River may be placed on separa federal regulations.	nte list of waters impaired by pollution and not new	eding TMDLs under pending changes to
•					Agriculture	
					Hydromodification	
6	R	Pine Creek (Eagle)	63720010			
*				Habitat alterations	Low	55 Miles
				Creek may be placed on separ federal regulations.	ate list of waters impaired by pollution and not ne	eding TMDLs under pending changes in
				· <del>-</del>	Grazing-Related Sources	
					Silviculture	
				•	Highway/Road/Bridge Construction	
					Hydromodification	
					Removal of Riparian Vegetation	
					Streambank Modification/Destabilization	•
					Erosion/Siltation	

								DRAF
EGION	ГУРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES II	TMDL PRIORITY		PROPOSED TIMEL COMPLETION
6	L	Pleasant Valley Reservoir	60320000					
		•		Organic Enrichment/Low Dissol	lved Oxygen	Medium	99 Acres	
					Flow Regulation/Modification			
					Nonpoint Source			
6	R	Robinson Creek (Hwy 395 to Bridgeport Res)	63030050					
				Pathogens		Medium	1.8 Miles	
					Pasture Grazing-Riparian and	or Upland/		
					Agricultural Return Flows			
					Onsite Wastewater Systems (So	eptic Tanks)		
					Natural Sources Recreational and Tourism Act	ivities (non beeti	ng)	
					Recreational and Tourism Act	ivilles (iton-boati	ng)	
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050	Dathagans	•	Medium	9.1 Miles	
				Pathogens  TMDL to be completed after 201	15	Mediali	y.1 willes	
				TMDL to be completed tifter 201	Pasture Grazing-Riparian and	or Upland		
					Onsite Wastewater Systems (So	-		
					Natural Sources			
					Recreational and Tourism Act	ivities (non-boati	ng)	
6	R	Rough Creek	63020013					
		•		Habitat alterations		Low	15 Miles	
				Creek may be placed on list of w regulations. []	aters impaired by pollution and n		s under pending change	s to federal
					Range Grazing-Riparian and/o	or Upland		
6	R	Skedaddle Creek	63710054					
				High Coliform Count		Medium	18 Miles	
				USBLM program to mitigate gra	zing impacts has been implemente		may lead to delisting.	
2234					Range Grazing-Riparian and/o	or Opianu		
6	R	Squaw Creek	63520011	Sedimentation/Siltation		Medium	E Q 3401	
				Seulmentation/Siltation			5.8 Miles	
					Construction/Land Developme Other Urban Runoff	nt		
					Hydromodification	•		
					Drainage/Filling Of Wetlands			•
		·			Highway Maintenance and Ru	noff		
			•		Natural Sources			
					Recreational and Tourism Acti	witing (non boatis	na\	
					Nonpoint Source	ivities (non-poats	ng)	

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REGION	TYPI	NAME	CALWATER WATERSHED	-POLLUTANT/STRESSOR*		TMDE RIORITY SE	ESTIMATED EPROPOSED TMDL ZEARFECTED COMPLETION
6	R	Susan River (Downstream of Susanville)	63720095				
				Toxicity		Low	23 Miles
		· ·		More monitoring needed to det	ermine source of toxicity		•
AND ASSESSED FOR THE PARTY OF T					Unknown Nonpoint Source		
6	R	Susan River (upstream of Susanville)	63720020				
		· · · · · · ·		Unknown Toxicity	1	Medium	35 Miles
				Source of toxicity unknown.			
					Agriculture		
					Other Urban Runoff		
					Highway Maintenance and Runof	Ī	
					Natural Sources		
					Source Unknown		
					Nonpoint Source		
6	R	Swauger Creek	63040012		O and the company of	<del></del>	manananan kandinah bandulak dalam
				Pathogens		Low	14 Miles
					Pasture Grazing-Riparian and/or	Upland	
					Range Grazing-Riparian and/or U	=	
					Onsite Wastewater Systems (Septi-	c Tanks)	
					Natural Sources		
					Recreational and Tourism Activiti	es (non-boating)	
				Phosphorus		Low	14 Miles
					Pasture Grazing-Riparian and/or	Upland	
		·			Range Grazing-Riparian and/or U	pland	·
				•	Highway/Road/Bridge Runoff		
					Surface Runoff		
					Streambank Modification/Destabil	lization	
					Erosion/Siltation		•
					Atmospheric Deposition		
					Natural Sources		
					Nonpoint Source		

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	SECURIOR PROGRAMMENTAL CONTRACTOR OF THE PROGRAMMENT OF THE PROGRAMMEN		
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	CALWATER	POTENTIAL	TMDL ESTIMATED PROPOSED TMDL
DECION TYPE SHARE			
REGION TYPE NAME	WATERSHED POLITIANT/STRES	SOR* SOURCES	PRIORITY SIZE AFFECTED: COMPLETIONS: 1
I REGION THE MANUE		JOIN DOUGHOUS RESERVED TO THE SECOND PROPERTY OF THE PROPERTY	RRIORITY SIZE AFFECTED COMPLETION
	The state of the s	Continue and the formal and the second secon	The state of the s

L Tahoe, Lake

63430010

Nitrogen

Medium

85364 Acres

Grazing-Related Sources

Silviculture

Construction/Land Development

**Land Development** 

**Urban Runoff/Storm Sewers** 

Urban Runoff-Non-industrial Permitted

Other Urban Runoff

Highway/Road/Bridge Runoff

Surface Runoff

Urban Runoff-Erosion and Sedimentation

Hydromodification

**Habitat Modification** 

Removal of Riparian Vegetation

Streambank Modification/Destabilization

Drainage/Filling Of Wetlands

**Channel Erosion** 

Erosion/Siltation

Marinas and Recreational Boating

Atmospheric Deposition

Highway Maintenance and Runoff

Internal Nutrient Cycling (primarily lakes)

**Natural Sources** 

Recreational and Tourism Activities (non-boating)

Golf course activities

**Groundwater Loadings** 

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

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<b>"我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个</b>	A PART OF THE PART
CALWATER	ESTIMATED PROPOSED TMDL
	SIZE AFFECTED COMPLETION
REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES	SIZE AFFECTED COMPLETION "
,我们也是想到,你是我就是我们的,我们就是不是一个,我们就是一个,我们就是我们的,我们就是这个,我们就是这个,我们就是这一个,我们就是这个,我们就是这个人,我们	A THE RESIDENCE OF THE PARTY OF

**Phosphorus** Medium 85364 Acres **Grazing-Related Sources** Silviculture Highway/Road/Bridge Construction **Land Development** Urban Runoff/Storm Sewers Urban Runoff--Non-industrial Permitted Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff-Erosion and Sedimentation Streambank Modification/Destabilization **Channel Erosion** Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Internal Nutrient Cycling (primarily lakes) Sediment Resuspension **Natural Sources** Recreational and Tourism Activities (non-boating) Nonpoint Source Sedimentation/Siltation Medium 85364 Acres **Grazing-Related Sources** Silviculture Highway/Road/Bridge Construction **Land Development** Urban Runoff/Storm Sewers Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff-Erosion and Sedimentation Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization **Channel Erosion** Erosion/Siltation Atmospheric Deposition **Sediment Resuspension Natural Sources** Recreational and Tourism Activities (non-boating)

Nonpoint Source

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

REGIO	)N TYP	E NAME	CALWATER WATERSHED	POLUUTANI/STRESSOR*	POTENTIAL SOURCES		STIMATED PROPOSED TYDE E AFFECTED COMPLETION
6	R	Tallac Creek (below Hwy 89)	63410041	-	<del>.</del>		
				Pathogens		Low	1.3 Miles
				TMDL end date: after 2015	Creating Deleted Samuel		
					Grazing-Related Sources Pasture Grazing-Riparian		
6	ī	Tinemaha Reservoir	60320000				
U	L	Themana Reservon	00320000	Metals		Medium	984 Acres
				Metals concern related to use of impairment.	f copper sulfate algicide. Further m	nonitoring and assess	sment needed to determine extent
					Other		
6	L	Topaz Lake	63110010				
				Sedimentation/Siltation		Medium	928 Acres
				Additional monitoring and asse	essment needed to document extent o	f impairment.	
					Agriculture Streambank Modification/Desta	hilization	
					Erosion/Siltation	Ditization	
					Nonpoint Source		·
6	R	Trout Creek (above Hwy 50)	63410020				
				Iron		Low	10 Miles
				TMDL end date: after 2015 Sta	andards revision to be considered		
				•	Urban Runoff-Non-industrial I	Permitted	
					Erosion/Siltation Natural Sources		•
				Nitrogen	Natural Sources	Low	10 Miles
					be addressed during development oj be completed after 2015.		
					Pasture Grazing-Riparian and/o	or Upland	
		•			Urban RunoffNon-industrial F	Permitted	
					Erosion/Siltation		
				Pathogens	Atmospheric Deposition	Low	10 Miles
				ratilogens	Source Unknown	LOW	10 wines
				Phosphorus	Source Officions	Low	10 Miles
				•	to be considered during developments be completed after 2015.		
		•		•	Pasture Grazing-Riparian and/o	or Upland	
					Urban Runoff-Non-industrial P	ermitted	
					Erosion/Siltation		
					Atmospheric Deposition		

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

REGION	(TYP)	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES		ESTIMATED PROPOSED IMDLE IZE AFFECTED COMPLETION:
6	R	Trout Creek (below Hwy 50)	63410042				
				Iron		Low	0.78 Miles
		•		TMDL end date: after 2015			
					Urban Runoff-Non-industria	l Permitted	
					Erosion/Siltation		
					Natural Sources		
				Nitrogen		Low	0.78 Miles
				Nitrogen loading from creek to needed for Trout Creek, it will i	be addressed during developmen be completed after 2015.	t of Lake Tahoe TMD.	L. If a more specific TMDL is
			•		Urban Runoff-Non-industria	l Permitted	
					Erosion/Siltation		
					Atmospheric Deposition		
				Pathogens		Low	0.78 Miles
				TMDL end date: after 2015			•
					Pasture Grazing-Riparian		
					Natural Sources	41.141	
					Recreational and Tourism Ac	tivities (non-boating	9
				Phosphorus	Transient encampments	Low	0.78 Miles
				•	to be addressed during developm		MDL. If a more specific TMDL is
				needed for Trout Creek, it will be		iem by Luke Tunbe In	MDL. If a more specific TMDL is
					Urban Runoff-Non-industria	l Permitted	·
					Erosion/Siltation		
					Atmospheric Deposition		
6	R	Truckee River	63510010				
				Sedimentation/Siltation		Medium	39 Miles
				Watershed disturbance includin management; highly erosive sul	ng ski resorts, silvicultural activiti bwatersheds.	es, urban developmer	nt, reservoir construction and
		•			Range Grazing-Riparian and	or Upland/	
					Silviculture		
					Construction/Land Developm		
					Highway/Road/Bridge Consti		
					Streambank Modification/De	stabilization	
		•			Channel Erosion		
					Erosion/Siltation Natural Sources		
				,	Recreational and Tourism Ac	tivities (non-hosting	n .
				J	Snow skiing activities	s (non-roating	., ·
					Nonpoint Source		
			27.47				

REGION	TYPE	NAME	CALWATER WATERSHED	POLIUTANT/STRESSOR*		TMDL RIORITY S	ESTIMATED PROPOSED IMOL. IZE AFFECTED > COMPLETION :
6	R	Truckee River, Upper (above Christmas Valley)	63410010				
				Iron		Low	4.5 Miles
				TMDL end date: after 2015			
		•			Natural Sources		
				Pathogens		Low	4.5 Miles
				TMDL end date: after 2015			
					Grazing-Related Sources		
					Natural Sources		
				DI I	Recreational and Tourism Activit	•	<b>-</b> /
				Phosphorus		Low	4.5 Miles
					to be addressed during development o River, it will be completed after 2015.	ј каке Гаћое ТМ	NDL. IJ a more specific IMDL is
				necession in oppor in incident	Grazing-Related Sources		
					Silviculture		
					Natural Sources		
6	R	Truckee River, Upper (below Christmas Valley)	63410042				
		•		Iron		Low	11 Miles
				TMDL end date: after 2015			
					Erosion/Siltation		
					Natural Sources		
					Unknown Nonpoint Source		
				Nitrogen		Low	11 Miles
					Source Unknown		
				Pathogens		Low	11 Miles
					Source Unknown		
				Phosphorus		Low	11 Miles
				Phosphorus loading from river to for the Upper Truckee River, it to	to be addressed in development of Lak will be completed after 2015.	e Tahoe TMDL.	If a more specific TMDL is needed
					Silviculture		
					Construction/Land Development		•
					Hydromodification		
					Channelization		
					Removal of Riparian Vegetation		
				·	Streambank Modification/Destabi	lization	
					Erosion/Siltation		
					Atmospheric Deposition	_	
					Highway Maintenance and Runof	f	·
					Natural Sources		
					Unknown Nonpoint Source		

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

DRAFT ESTIMATED PROPOSED TMDL CALWATER POTENTIAL TMDL REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION: 60330140 R Tuttle Creek 13 Miles Habitat alterations Low Creek may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations. Range Grazing-Riparian and/or Upland 60310051 Twin Lakes (Mammoth) Nitrogen Low 26 Acres Monitoring needed to confirm extent of impairment and need for TMDL. Agriculture **Grazing-Related Sources** Construction/Land Development Land Development Other Urban Runoff Atmospheric Deposition **Phosphorus** 26 Acres Low Monitoring needed to confirm degree of impairment and need for TMDL. Agriculture **Grazing-Related Sources** Construction/Land Development **Land Development** Other Urban Runoff 63420020 R Ward Creek 5.7 Miles Iron Low TMDL end date: after 2015 Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources Nitrogen 5.7 Miles Low Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for Ward Creek, it will be completed after 2015. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff **Channel Erosion** Erosion/Siltation Atmospheric Deposition

**Natural Sources** 

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

DRAFT ESTIMATED PROPOSED TMDI CALWATER REGION TYPE NAME WATERSHED - POLITITANT/STRESSOR* PRIORITY SIZE AFFECTED SOURCES COMPLETION Low 5.7 Miles Phosphorus Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for Ward Creek, it will be completed after 2015. Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff-Erosion and Sedimentation Channel Erosion Erosion/Siltation Atmospheric Deposition Natural Sources Sedimentation/Siltation Medium 5.7 Miles The University of California Davis Tahoe Research Group is currently researching sediment sources in the Ward Creek watershed. Silviculture Land Development **Urban Runoff/Storm Sewers** Highway/Road/Bridge Runoff **Channel Erosion** Nonpoint Source West Walker River 63110060 Sedimentation/Siltation Low 49 Miles Agriculture Pasture Grazing-Riparian and/or Upland Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Nonpoint Source R Wolf Creek (Carson) 63210031 Sedimentation/Siltation Low 12 Miles Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source 72310000 . Alamo River Pesticides 57 Miles Low Pesticides may be contained in agricultural return flows. Elevated fish tissue levels. Toxic bioassay results. Agricultural Return Flows Selenium 57 Miles Low Selenium originates from Upper Basin Portion of Colorado River. Elevated fish tissue levels. Agricultural Return Flows

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

EGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL+** PRIORITY		OPOSED: IN OMPLETIO
7	R	Coachella Valley Storm Channel	71947000			·		
				Pathogens	•	Medium	69 Miles	
•••	****				Source Unknown			
7	R	Imperial Valley Drains	72310000	<del>a Tanan I.,</del>				
		•		Pesticides		Low	1222 Miles	
			-	Elevated fish tissue levels and t	oxic bioassay results			
					Agricultural Return Flows			
				Sedimentation/Siltation		High	1222 Miles	2004
					Agricultural Return Flows			
				Selenium		Low	1222 Miles	
			•	Selenium originates from Uppe	r basin Portion of colorado River.	Elevated fish tiss	ue levels.	
					Agricultural Return Flows			
7	R	New River (Imperial)	72310000					
•		(ry		1,2,4-trimethylbenzene		Low	66 Miles	
				•	Industrial Point Sources		•	
					Out-of-state source			
				Chloroform		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			
		•		m,p,-Xylenes		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			
				Nutrients		Low	66 Miles	
					ablish TMDL in cooperation with			
				3	Major Municipal Point Source			
					weather discharge	•		
					Agricultural Return Flows			
					Out-of-state source	•		
				Organic Enrichment/Low Disso	olved Oxygen	Medium	66 Miles	
					Wastewater			
					Inappropriate Waste Disposal	/Wildcat Dumpin	g	
					Out-of-state source			
					Unknown point source			
				o-Xylenes		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			
				p-Cymene		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source	•		

***								
	And the second s	CALWATER		POTENTIAL	TMDL	ESTIMA	TFD	PROPOSED TMDL
REGION TYPE			POLLUTANT/STRESSOR* "	SOURCES	PRIORITY			COMPLETION
					Summer and the summer	Section of the Section of the Section	MACAGA DAGALARA	
			p-Dichlorobenzene (DCB)		Low	00	Miles	
				Industrial Point Sources				
				Out-of-state source				
			Pesticides	_	Low	66	Miles	
				Agricultural Return Flows				
				Out-of-state source				
			Sedimentation/Siltation		High	66	Miles	2002
				Agricultural Return Flows				
			Toluene	rigiteureurur receum 1 10 %5	Low	66	Miles	
					Do w	00	1721103	
		,		Industrial Point Sources				
				Out-of-state source				
			Trash		Medium	66	Miles	
				Out-of-state source				
			Volatile Organics/VOCs	r	Low	66	Miles	
				Out-of-state source				
		<b>7.7.4000</b>			est.	Property of the last		
7 R	Palo Verde Outfall Drain	71540000	<b></b>					
			Pathogens		Medium	7.4	Miles	
				Source Unknown				
7 S	Salton Sea	72800000						
, -								
			Nutrients		High	233340	Acres	2004
			Nutrients	Major Industrial Point Source	High	233340	Acres	2004
·			Nutrients	Major Industrial Point Source	High	233340	Acres	2004
			Nutrients	Agricultural Return Flows	High	233340	Acres	2004
								2004
			Salinity	Agricultural Return Flows Out-of-state source	Low	233340	Acres	
			Salinity  TMDL development will not be	Agricultural Return Flows Out-of-state source effective in addressing this problem	Low	233340	Acres	
			Salinity	Agricultural Return Flows Out-of-state source effective in addressing this problemation.	Low	233340	Acres	
			Salinity  TMDL development will not be	Agricultural Return Flows Out-of-state source effective in addressing this problem ution. Agricultural Return Flows	Low	233340	Acres	
			Salinity  TMDL development will not be	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source	Low	233340	Acres	
			Salinity  TMDL development will not be federal, local, and state coopera	Agricultural Return Flows Out-of-state source effective in addressing this problem ution. Agricultural Return Flows	Low which will requ	233340 sire an engine	Acres cering solu	
			Salinity  TMDL development will not be	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source	Low	233340	Acres cering solu	
			Salinity  TMDL development will not be federal, local, and state coopera	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source	Low which will requ	233340 sire an engine	Acres cering solu	
**************************************	Big Bear Lake	80171000	Salinity  TMDL development will not be federal, local, and state coopera	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source	Low which will requ	233340 sire an engine	Acres cering solu	
Parameter State Control of the Contr			Salinity  TMDL development will not be federal, local, and state coopera	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source	Low which will requ	233340 sire an engine	Acres sering solu Acres	
8 L	Big Bear Lake		Salinity  TMDL development will not be federal, local, and state cooperates.  Selenium	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source  Agricultural Return Flows	Low which will requ Medium	233340 uire an engine 233340	Acres sering solu Acres	
8 L			Salinity  TMDL development will not be federal, local, and state cooperate.  Selenium  Copper	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source	Low which will requ Medium	233340 uire an engine 233340 2865	Acres Acres Acres	
tana eranguna kanana kanan 8 L			Salinity  TMDL development will not be federal, local, and state cooperates.  Selenium	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source  Agricultural Return Flows  Resource Extraction	Low which will requ Medium Medium	233340 uire an engine 233340	Acres Acres Acres	
8 L			Salinity  TMDL development will not be federal, local, and state cooperate.  Selenium  Copper	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source  Agricultural Return Flows	Low which will requ Medium Medium Medium	233340 uire an engine 233340 2865	Acres Acres Acres Acres	
8 L			Salinity  TMDL development will not be federal, local, and state cooperate.  Selenium  Copper	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source  Agricultural Return Flows  Resource Extraction	Low which will requ Medium Medium	233340 uire an engine 233340 2865	Acres Acres Acres Acres	
8 L			Salinity  TMDL development will not be federal, local, and state cooperate.  Selenium  Copper	Agricultural Return Flows Out-of-state source  effective in addressing this problemation.  Agricultural Return Flows Out-of-state source Point Source  Agricultural Return Flows  Resource Extraction	Low which will requ Medium Medium Medium	233340 uire an engine 233340 2865	Acres Acres Acres Acres	

Notions aquatic plants	REGION	TYPE	NAME	CAEWÄTER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL= ES PRIORITY SIZE	TIMATED PROPOSED TMDL AFRECTED COMPLETION:
		•			Noxious aquatic plants		Medium	2865 Acres
Section   Sect					Nutrients		Medium	2865 Acres
Construction/Land Development Sanw skilling activities   Construction/Land Development Sanw skilling activities   Conknown Nonpoint Source     8						•	·	
Some skiing activities   Source Unknown Nonpoint Source   Source Unknown Nonpoint Source   Source Unknown Nonpoint Source   Source Unknown   Source   Source Unknown   Source Unknown   Source Unknown   Source Unknown   Source   Source   Source Unknown   Source   So		•			Sedimentation/Siltation		Medium	2865 Acres
Pecal Collion						Snow skiing activities	·	
Listing is downstream of Pacific Coast Highway.   Source Unknown   Low   0.3   Miles	8	R	Buck Gully Creek	80111000	- 3 3 - 4 - 3			
Source Unknown   Low   0.3   Miles			-		Fecal Coliform		Low	0.3 Miles
Listing is downstream of Pacific Coast Highway. Source Unknown  8 L Canyon Lake (Railroad Canyon Reservoir) 80211000 Nutrients Low 453 Acres Nonpoint Source Pathogens Low 453 Acres Nonpoint Source  8 R Chino Creek Reach 1 80121000 Nutrients Medium 7.8 Miles Agriculture Dairies Pathogens Medium 7.8 Miles  Agriculture Dairies Urban Runoff/Storm Sewers  8 R Chino Creek Reach 2 80121000 High Coliform Count Medium 2.5 Miles Unknown Nonpoint Source					,	•		
Source Unknown				٠		C	Low	0.3 Miles
Nutrients   Low   453   Acres   Nonpoint Source   Pathogens   Low   453   Acres   Nonpoint Source   Low   453   Acres   Nonpoint Source    3333 B			Name and the State of the State	Listing is downstream of Pacific	- · · · · · · · · · · · · · · · · · · ·			
Pathogens   Low   453   Acres	8	L	Canyon Lake (Railroad Canyon Reservoir)	80211000	Nutrients		Low	453 Acres
8 R Chino Creek Reach 1 80121000 Nutrients Medium 7.8 Miles Agriculture Dairies Pathogens Medium 7.8 Miles Agriculture Dairies Urban Runoft/Storm Sewers  8 R Chino Creek Reach 2 80121000 High Coliform Count Unknown Nonpoint Source  8 R Cucamonga Creek, Valley Reach 80121000					Pathogens		Low	453 Acres
Nutrients   Nutrients   Medium 7.8   Miles	220	3333300.55				Nonpoint Source		
Dairies  Pathogens  Agriculture Dairies  Agriculture Dairies  Urban Runoff/Storm Sewers  8 R Chino Creek Reach 2  80121000  High Coliform Count  High Coliform Count  Unknown Nonpoint Source  Unknown Nonpoint Source	8	R	Chino Creek Reach 1	80121000	Nutrients		Medium	7.8 Miles
Agriculture Dairies Urban Runoff/Storm Sewers  8 R Chino Creek Reach 2 80121000 High Coliform Count Medium 2.5 Miles Unknown Nonpoint Source  8 R Cucamonga Creek, Valley Reach 80121000					Pathogens	•	Medium	78 Miles
High Coliform Count Medium 2.5 Miles  Unknown Nonpoint Source  8 R Cucamonga Creek, Valley Reach 80121000					- Henry Gens	Dairies		no mita
High Coliform Count Medium 2.5 Miles  Unknown Nonpoint Source  8 R Cucamonga Creek, Valley Reach 80121000	8	R	Chino Creek Reach 2	80121000				
8 R Cucamonga Creek, Valley Reach 80121000	ŭ				High Coliform Count		Medium	2.5 Miles
						Unknown Nonpoint Source		
	8	R	Cucamonga Creek, Valley Reach	80121000	High Coliform Count		Medium	9.6 Miles
Unknown Nonpoint Source						Unknown Nonpoint Source		

REG	ION T	TYPE	NAME W	ALWATER ATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	EMDL PRIORITY	ESTIMA SIZE AFF	TED PRO	POSED TMDE DMPLETION:
	}	L	Elsinore, Lake	80231000	·	<del></del>				
					Nutrients		High	2431	Acres	2004
					Organic Enrichment/Low Dissol	Unknown Nonpoint Source ved Oxygen	High	2431	Acres	2004
					C	Unknown Nonpoint Source	J			
					Sedimentation/Siltation		High	2431	Acres	2004
					** * * * * * * * * * * * * * * * * * *	Urban Runoff/Storm Sewers				
					Unknown Toxicity	Halamana Namada Canas	High	2431	Acres	2004
		•		00221000		Unknown Nonpoint Source				
8	,	L	Fulmor, Lake	80221000	Pathogens		Low	4.2	Acres	
		٠				Unknown Nonpoint Source				
8	}	R	Grout Creek	80171000						
					Metals		Medium	3.5	Miles	
					N	Unknown Nonpoint Source				
					Nutrients	Unknown Nonpoint Source	Medium	3.5	Miles	
8		C	Huntington Beach State Park	80111000		Onknown Nonpoint Source				
· ·	,	C	Huntington Death State 1 at K	80111000	Enterococci		Low	5.8	Miles	
					Impaired 50 yards around drain	•				
						Source Unknown	•			
8	1	В	Huntington Harbour	80111000	Pathogens		Low	221	Acres	
					1 acrogens	Urban Runoff/Storm Sewers	2011	221	Acres	
8	i i i i i i i i i i i i i i i i i i i	R	Knickerbocker Creek	80171000						- T
					Metals		Medium	2	Miles	
					•	Unknown Nonpoint Source				
			2		Pathogens	N. I. O	Medium	2	Miles	
in the second		n		00111000		Unknown Nonpoint Source			A	
8		R	Los Trancos Creek (Crystal Cove Creek)	80111000	Fecal Coliform		Low	0.19	Miles	
					Listing is downstream of Pacific	• •				
					Total Coliform	Source Unknown	Low	0.10	Miles	
					Listing is downstream of Pacific	Coast Highway.	LUW	0.19	1411162	
					1880 Target	Source Unknown				

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

EGION	TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSO	POTENTIAL R* SOURCES	TMDL PRIORITY		ROPOSED TM
8	R	Lytle Creek	80141000					
				Pathogens		Low	41 Miles	
					Unknown Nonpoint Source			
8	R	Mill Creek (Prado Area)	80121000					<u> </u>
•		,		Nutrients		Medium	1.6 Miles	
					Agriculture			
					Dairies			
				Pathogens		Medium	1.6 Miles	
					Dairies			
				Suspended solids		Medium	1.6 Miles	
				-	Dairies			
0	te e	Mill Could Deach 1	0015/000					
8.	R	Mill Creek Reach 1	80156000	Pathogens		Low	12 Miles	
				1 atmogens	W. I. W	LOW	12 Willes	
L. Tarak San					Unknown Nonpoint Source			4
8	R	Mill Creek Reach 2	80158000					
				Pathogens		Low	12 Miles	
					Unknown Nonpoint Source			
8	R	Mountain Home Creek	80158000					<u> </u>
				Pathogens		Low	3.7 Miles	
					Unknown Nonpoint Source			
8	R	Mountain Home Creek, East Fork	80158000					
•				Pathogens		Low	5.1 Miles	
				-	Unknown Nonpoint Source			
Q	n	Newport Bay, Lower	80114000			36-2-2		
3	B	Remport Bay, Lower	90114000	Metals		High	767 Acres	2004
					Urban Runoff/Storm Sewers	11.611	ioi Acies	2004
					Contaminated Sediments	•		
					Boatyards		•	
				Pesticides		Medium	767 Acres	
					Agriculture			
					Contaminated Sediments		•	
				Priority Organics		High	767 Acres	2002
		•		-	Contaminated Sediments			
					Unknown Nonpoint Source			
8	E	Newport Bay, Upper (Ecological Reserve)	80111000					•
O	E)	memport Day, Opper (Ecological Neserve)	00111000	Metals		Low	653 Acres	
		•			Urban Runoff/Storm Sewers			
					Ordan Kundingtorin Sewers			

October 15, 2002

REGION	TYPE	NAME _E	CALWATER !	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY		POSED TAME.
				Pesticides		High	653 Acres	2003
					Agriculture Unknown Nonpoint Source			
8	С	Orange County Beaches		Trash		Low	20 Miles	ON 1994 - THE REAL PROPERTY OF THE PROPERTY OF
					Urban Runoff/Storm Sewers Atmospheric Deposition Recreational and Tourism Acti Boat Discharges/Vessel Wastes	•	ng)	
8	L	Prado Park Lake	80121000		Dual Discharges ( cook )	,		
o	L	I Jauv I alk Lake	00121000	Nutrients		Low	90 Acres	
•				Pathogens	Nonpoint Source	Medium	90 Acres	
					Nonpoint Source			
8	R	Rathbone (Rathbun) Creek	80171000	Nutrients		Medium	4.7 Miles	
			-	Sedimentation/Siltation	Snow skiing activities Unknown Nonpoint Source	Medium	4.7 Miles	
					Snow skiing activities Unknown Nonpoint Source			
8	R	San Diego Creek Reach 1	80111000	Fecal Coliform	in the second cooks. Cooks the medical proposed and the contract second	Low	7.8 Miles	
				Pesticides	Urban Runoff/Storm Sewers Other Urban Runoff	Medium	7.8 Miles	
					Unknown Nonpoint Source			
8	R	San Diego Creek Reach 2	80111000	Metals		High	6.3 Miles	2004
				Unknown Toxicity	Urban Runoff/Storm Sewers	Low	6.3 Miles	
****					Unknown Nonpoint Source			
8	R	Santa Ana River, Reach 3	80121000	Pathogens		Medium	26 Miles	-
					Dairies	**************************************		

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAU SOURCES	TMDE PRIORITY	ÉSTIMATED SIZE AFFÉCTED	PROPOSED TMDL COMPLETION
8	R	Santa Ana River, Reach 4	80127000					
				Pathogens		Low	14 Miles	
					Nonpoint Source			
8	R	Santiago Creek, Reach 4	80112000	C-P-14-/TDC/CH11		•	0.0 201	
				Salinity/TDS/Chlorides	Source Unknown	Low	9.8 Miles	
			20111000		Source Unknown			
8	С	Seal Beach	80111000	Enterococci		Low	0.53 Miles	
				Impaired 50 yards around drain	at 1st Street.	2011	0.55 Miles	
					Source Unknown			
8	R	Silverado Creek	80112000					
				Pathogens		Low	11 Miles	
					Unknown Nonpoint Source	•		
				Salinity/TDS/Chlorides		Low	11 Miles	
	. n 980				Unknown Nonpoint Source			
8	R	Summit Creek	80171000					
				Nutrients		Medium	1.5 Miles	
					Construction/Land Developn	ient		
9	R	Agua Hedionda Creek	90431000					
				Total Dissolved Solids		Low	12 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source Unknown point source			
			00421000		Challown point source			
9	E	Agua Hedionda Lagoon	90431000	Bacteria Indicators		Medium	240 Acres	
				Dacteria Indicators	Nonpoint/Point Source	Medium	240 Acits	•
				Sedimentation/Siltation	Nonpoint a one source	Medium	240 Acres	
				Aquatic life impairments.				
					Nonpoint/Point Source	/		
9	E	Aliso Creek (mouth)	90113000		Martin de la companya			
				Bacteria Indicators		Medium	0.02 Acres	
					Nonpoint/Point Source			
9	R	Aliso Creek 901.13	90113000					
				E. Coli		Medium	20 Miles	
				•	Urban Runoff/Storm Sewers			
					Unknown point source			
					Nonpoint/Point Source			

	CALWATER WATERSHED	POLÉUTANT/STRESSOR ¹	POTENTIAL SOURCES		TIMATED PROPOSED TMDL CAFFECTED COMPLETION
		Enterococci		Medium	20 Miles
•			Urban Runoff/Storm Sewers		
			Unknown point source		
			Nonpoint/Point Source		
		Fecal Coliform		Medium	20 Miles
			Urban Runoff/Storm Sewers		
			Unknown point source		
•			Nonpoint/Point Source		·
		Phosphorus		Medium	20 Miles
			Urban Runoff/Storm Sewers		
			Unknown Nonpoint Source		
		Toxicity	Unknown point source	Medium	20 Miles
		•	nning Study indicates organophosp		
		miso creek whiter Quality I the	Urban Runoff/Storm Sewers	nuie pesiicines ure u sig	gnificant of aquatic toxicity.
			Unknown Nonpoint Source		
			Unknown point source		
9 E Buena Vista Lagoon, Lower	90421000				
		Bacteria Indicators		Low	16 Acres
•			Nonpoint/Point Source		
		Sedimentation/Siltation	•	Medium	16 Acres
		Aquatic life impairments.			
			Nonpoint/Point Source		
9 E Buena Vista Lagoon, Middle	90421000				
		Bacteria Indicators		Low	92 Acres
			Nonpoint/Point Source		
		Sedimentation/Siltation		Medium	92 Acres
		Aquatic life impairments.			
			Nonpoint/Point Source		
9 E Buena Vista Lagoon, Upper	90421000	The state of the s			
		Bacteria Indicators		Low	72 Acres
			Nonpoint/Point Source		
		Nutrients	•	Low	72 Acres
		Aquatic life impairments.			
			Nonpoint/Point Source		
		Sedimentation/Siltation		Medium	72 Acres
•		Aquatic life impairments.	Nonnaint/Daint Causes		
			Nonpoint/Point Source		

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

REGION	TYPE	NAME	CALWATER: WATERSHED:	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATÉD PŘ SÍŽE AFFECTED G	OPOSED TMDL OMPLETION
9	R	Chollas Creek 908.22	90822000					
				Bacteria Indicators		Medium	5.7 Miles	
					Nonpoint/Point Source			
				Cadmium  Elevated levels in stormwater.		High	5.7 Miles	2004
				Lievinen ieveis in siormwiner.	Nonpoint/Point Source			
				Copper		High	5.7 Miles	2004
				Elevated levels in stormwater.				
					Nonpoint/Point Source			
				Lead Elevated levels in stormwater.		High	5.7 Miles	2004
				Lievalett levels in stormwater.	Nonpoint/Point Source			,
				Toxicity		High	5.7 Miles	2002
				Toxicity in stormwater.				
				71	Nonpoint/Point Source	*** *	5 5 3 4 H	
				Zinc  Elevated levels in stormwater.		High	5.7 Miles	2004
				Elevated tevels in the mountain.	Nonpoint/Point Source			
9	R	Cloverdale Creek	90532000				The second secon	
		.··		Phosphorus		Low	4.9 Miles	
					Urban Runoff/Storm Sewers			
			•		Unknown Nonpoint Source			
				Total Dissolved Solids	Unknown point source	Low	4.9 Miles	
				Total Dissolved Solids	Urban Runoff/Storm Sewers	LUW	4.9 Willes	
				•	Unknown Nonpoint Source			
					Unknown point source			
9	В	Dana Point Harbor	90114000			10700-1		
				Bacteria Indicators		Medium	89 Acres	
					Recreational and Tourism Acti	ivities (non-boati	ng)	
				Copper		Low	89 Acres	
-				Listing based on dissolved copp	er concentrations.  Marinas and Recreational Boa	tina		
					Nonpoint Source	ung		
9	E	Famosa Slough and Channel 906.40	90711000	A the second				
				Eutrophic		Medium	36 Acres	
				Aquatic life impairments.	Name and Course			
6	SCHOOL PARKET				Nonpoint Source	· · · · · · · · · · · · · · · · · · ·		

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RE	GION	TYPI	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED SIZE AFFECTED COMPLET	
	9	R	Felicita Creek	90523000					
					Total Dissolved Solids		Low	2.7 Miles	
						Agricultural Return Flows			
						Urban Runoff/Storm Sewers			
						Flow Regulation/Modification Unknown Nonpoint Source			
						Unknown point source			
	9	R	Forester Creek	90712000					
					Fecal Coliform		Medium	12 Miles	
						Urban Runoff/Storm Sewers			
						Spills			
						Unknown Nonpoint Source			
					***	Unknown point source	•	40. 340	
					р <b>Н</b>		Low	12 Miles	
			•			Industrial Point Sources			
						Habitat Modification Spills			
						Unknown Nonpoint Source			
						Unknown point source			
			•		<b>Total Dissolved Solids</b>	•	Low	12 Miles	
						Agricultural Return Flows		,	
						Urban Runoff/Storm Sewers			
						Flow Regulation/Modification	•		
						Unknown Nonpoint Source			
10055194	in Property					Unknown point source			
	9	R	Green Valley Creek	90522000	Cultiva		•		
					Sulfates		Low	5.7 Miles	
						Urban Runoff/Storm Sewers			
						Natural Sources Unknown Nonpoint Source			
					•	Unknown point source			
	0	L	Guajome Lake 903.11	90311000					
	,	~	Caujoine Dane 700.11	, dd 11000	Eutrophic		Medium	12 Acres	
					-	Nonpoint/Point Source			
	9	L	Hodges, Lake	90521000					
	-				Color		Low	409 Acres	
						Urban Runoff/Storm Sewers			
						Unknown Nonpoint Source			
						Unknown point source			
					•				

REGION	TYPE	NAME A	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL. PRIORITY	ESTIMATED PROPOSED TMDL SIZE AFFECTED COMPLETION
				Nitrogen		Low	409 Acres
					Agriculture Dairies Urban Runoff/Storm Sewers Unknown Nonpoint Source		·
					Unknown point source		
				Phosphorus	Agriculture Dairies Urban Runoff/Storm Sewers Unknown Nonpoint Source	Low	409 Acres
					Unknown point source		
				Total Dissolved Solids	•	Low	409 Acres
					Agricultural Return Flows Urban Runoff/Storm Sewers Flow Regulation/Modification Natural Sources Unknown Nonpoint Source Unknown point source		
9	R	Kit Carson Creek	90521000	S. 15 and S. S. Silvan, J. L. and J	and the second of the second o		The state of the s
				Total Dissolved Solids	Agricultural Return Flows Urban Runoff/Storm Sewers Flow Regulation/Modification Unknown Nonpoint Source Unknown point source	Low	4.7 Miles
y	E	Loma Alta Slough	90410000				
				Bacteria Indicators		Low	70 Acres
				Eutrophic	Nonpoint Source  Nonpoint Source	Low	70 Acres
9	E	Los Penasquitos Lagoon	90610000	Sedimentation/Siltation Aquatic life impairments.	Nonpoint/Point Source	Medium	487 Acres
9	В	Mission Bay (at Rose Canyon and Tecolote Creek)	90752000				
				Bacteria Indicators	Nonpoint/Point Source	Medium	2032 Acres

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REGIO	N TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR:	POTENTIAL SOURCES		ESTIMATED PROPOSED TMDL ZEAFFECTED COMPLETION
		•		Eutrophic  One acre of Mission Bay impaining impairments.	red by eutrophication, at Tecolote	Medium e Creek inflow and Ro	2032 Acres ose Creek Inlet. Aquatic life
				Lead	Nonpoint/Point Source	Medium	2032 Acres
		·		One acre of Mission Bay impai	red by lead at Tecolote Creek infl Nonpoint/Point Source	ow and Rose Creek in	ılet. Aquatic life impairments.
9	R	Murrieta Creek	90232000	Phosphorus	aring and a second	Low	14 Miles
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source		·
9	Č	Pacific Ocean Shoreline, Aliso Beach HSA 901.13	90113000				
				Bacteria Indicators	Nonpoint/Point Source	Medium	1.1 Miles
9	Ċ	Pacific Ocean Shoreline, Buena Vista (Lagoon) HA 904.20	90421000		E		
				Bacteria Indicators	Nonpoint/Point Source	Low	0.56 Miles
9	C	Pacific Ocean Shoreline, Dana Point HSA 901.14	90114000				
				Bacteria Indicators	Nonpoint/Point Source	Medium	8.5 Miles
9	C	Pacific Ocean Shoreline, Escondido Creek HA 904.60	90461000				
				Bacteria Indicators	Nonpoint/Point Source	Low	2.7 Miles
9	C	Pacific Ocean Shoreline, Laguna Beach and San Joaquin Hills HSAs	90112000				
		·		Bacteria Indicators	Nonpoint/Point Source .	Medium	2.5 Miles
9	C	Pacific Ocean Shoreline, Loma Alta HSA, 904.10	90410000				
				Bacteria Indicators	Nonpoint/Point Source	Low	3 Miles

	С	Pacific Ocean Shoreline, Lower San Juan	90120000	- 1 S & Warren Co. No. 1 L Co. Company and Company and Co.				OMPLETIC
	·	HSA 901.27	<b>/0120000</b>					
		•		Bacteria Indicators		Medium	0.37 Miles	
A 3.42	E-1-24				Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, San Clemente, San Mateo and San Onofre HSAs	90130000	-				
				Bacteria Indicators		Medium	6.5 Miles	
				Includes South Capistrano	Beach at Beach Road, which is also in Nonpoint/Point Source	paired due to bact	erial indicators.	
9	С	Pacific Ocean Shoreline, San Diego HU 907.00	90711000	A Committee of the Comm			and the state of t	**************************************
				Bacteria Indicators		Medium	16 Miles	
			a exerción de co		Nonpoint/Point Source			
9	С	Pacific Ocean Shoreline, San Dieguito HU 905.00	90511000					
				Bacteria Indicators		Low	3.5 Miles	
					Nonpoint/Point Source	7.7.7.2.2.2.3.2.2.2.2.2.2.2.2.2.2.2.2.2.		
9	С	Pacific Ocean Shoreline, San Joaquin Hills	90111000				2.5 3.511	
	•			Bacteria	Urban Runoff/Storm Sewers	Low	3.5 Miles	
					Unknown Nonpoint Source			
					Unknown point source			
9	С	Pacific Qcean Shoreline, San Luis Rey HU 903.00	90311000					
				Bacteria Indicators		Low	2.5 Miles	
			Mark Television		Nonpoint/Point Source	/		
9	. С	Pacific Ocean Shoreline, San Marcos HA 904.50	90451000					
				Bacteria Indicators		Low	7 Miles	
7.57.2 <b>2</b> -35.53			******		Nonpoint/Point Source	************		
9	C	Pacific Ocean Shoreline, Scripps HA 906.30	90630000	Dankada Indianasa		M-45	19 5 # 1	
				Bacteria Indicators	Nannaint/Baint Sauras	Medium	13 Miles	•
			01111000		Nonpoint/Point Source			
9	С	Pacific Ocean Shoreline, Tijuana HU 911.00	91111000	Bacteria Indicators		Low	3.3 Miles	
					Nonpoint/Point Source	. =		

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								UKAFI
REGIO	v TYP	E NAME.	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES"	TMDL PRIORITY S		ROPOSED TMDL. COMPLETION
9	R	Pine Valley Creek (Upper)	91141000					
				Enterococci		Medium	22 Miles	
					Grazing-Related Sources  Concentrated Animal Feeding	O		
					(permitted, point source)	Operations		
					Transient encampments			
9	R	Prima Deshecha Creek	90130000					
				Phosphorus		Low	3.2 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
				Turbidity	Unknown point source	Low	3.2 Miles	
				a ar wrang	Urban Runoff/Storm Sewers		O.Z MARIES	
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Rainbow Creek	90222000					
				Nitrate		High	9.8 Miles	2002
					Agricultural Return Flows			
					Other Urban Runoff		•	
					Nurseries Onsite Wastewater Systems (Se	entic Tanks)		
					Nonpoint/Point Source	pere Tunto,		
				Phosphorus .		High	9.8 Miles	2002
					Agricultural Return Flows			
					Other Urban Runoff			
					Nurseries Onsite Wastewater Systems (Se	entic Tanks)		
					Nonpoint/Point Source	pere ranks)		
9	C	San Diego Bay Shoreline, Lindbergh HSA	90821000		-	* · · · · · · · · · · · · · · · · · · ·		
	~	908.21						
				Bacteria Indicators	·	Medium	10 Miles	
					Nonpoint/Point Source			
9	C	San Diego Bay Shoreline, Telegraph	90911000	AND THE REAL PROPERTY OF THE P				
				Bacteria Indicators		Medium	2.4 Miles	
					Nonpoint/Point Source			
9	C	San Diego Bay Shoreline; Shelter Island	90810000					
		Shoreline Park		Bacteria Indicators		Low	0.6 Miles	
				ACTIVITY OF ASSESSMENTS	Unknown Nonpoint Source	20	o.o mics	
		•			Unknown point source			
				196	•			

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

000000000000000000000000000000000000000	Transporter investor Transporter		Market Committee Com					DRAFT
REGIO	V TYP.	S NAME.	CALWATER WATERSHED	POLIUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL. COMPLETION
9	C	San Diego Bay Shoreline; Tidelands Park	91010000	Bacteria Indicators		Low	0.27 Miles	
					Unknown Nonpoint Source Unknown point source			
9	В	San Diego Bay, between Sampson and 28th Streets	90822000	-				
				Copper		Low	48 Acres	
				Mercury	Nonpoint/Point Source	Low	48 Acres	
				PAHs	Nonpoint/Point Source	Low	48 Acres	
					Nonpoint/Point Source		10 110.00	
•				PCBs	Nonpoint/Point Source	Low	48 Acres	
		•		Zinc		Low	48 Acres	
					Nonpoint/Point Source			
9	В	San Diego Bay, near Coronado Bridge	90822000	D. Ali C. C. L. Eff				
				Benthic Community Effects	Nonpoint/Point Source	Medium	36 Acres	
				Sediment Toxicity		Medium	36 Acres	
					Nonpoint/Point Source			
9	В	San Diego Bay; at mouth of Switzer Creek	90821000	Chlordane		Medium	5.5 Acres	
			•		Urban Runoff/Storm Sewers	•		
					Other Boatyards			
				Lindane	Nonpoint/Point Source	Medium	5.5 Acres	
					Urban Runoff/Storm Sewers			
					Other Boatyards			
					Nonpoint/Point Source			
				PAHs		Medium	5.5 Acres	
					Urban Runoff/Storm Sewers Other			
					Otner Boatyards			
					Nonpoint/Point Source			

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REGION	TYP	L NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	and the second s	ROPOSED TNDL COMPUTITION
9	В	San Diego Bay; B Street Pier	90821000	Bacteria	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	10 Acres	
9	В	San Diego Bay; Chula Vista Marina	90912000	Bacteria	Urban Runoff/Storm Sewers Marinas and Recreational Boat Boatyards	Low	47 Acres	
9	В	San Diego Bay; Downtown Anchorage	90821000	Benthic Community Effects	Boat Discharges/Vessel Wastes	Medium	7.4 Acres	
				Sediment Toxicity  Aquatic life impairments.	Nonpoint/Point Source  Nonpoint/Point Source	Medium	7.4 Acres	
9	В	San Diego Bay; G Street Pier	90821000	Bacteria	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	9.2 Acres	
9	В	San Diego Bay; Near Chollas Creek	90822000	Benthic Community Effects  Aquatic life impairments.	Nonpoint/Point Source	Medium	14 Acres	
Q	В	San Diego Bay; Near Sub Base	90810000	Sediment Toxicity  Aquatic life impairments.	Nonpoint/Point Source	Medium	14 Acres	
y	D	San Diego Day, Real Sub Dase	70010000	Benthic Community Effects  Sediment Toxicity  Aquatic life impairments.	Nonpoint/Point Source  Nonpoint/Point Source	Medium · Medium	16 Acres	

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

				CALWATER		POTENTIAL	TMDL		PROPOSED TMDL
Charles Pro	50°00 a 100	TYPE		WATERSHED	POLILUTANT/STRESSOR*	SOURCES	- PRIORITY !	SIZE AFFECTED	COMPLETIONS
٠.	9	В	San Diego Bay; North of 24th Street Marine Terminal	90832000					
					Benthic Community Effects		Medium	10 Acres	•
					Aquatic life impairments.	Nonpoint/Point Source			
					Sediment Toxicity	rionpoint of the Source	Medium	10 Acres	•
					Aquatic life impairments.				
		#9#150				Nonpoint/Point Source	**************************************		
	9	В	San Diego Bay; San Diego Naval Station	90831000	Benthic Community Effects		Medium	75 Acres	
			•		· · · · · · · · · · · · · · · · · · ·	Nonpoint/Point Source		72 2307 00	
					Sediment Toxicity	•	Medium	75 Acres	
					Aquatic life impairments.	Nonpoint/Point Source			
B.S. Commission	9	В	San Diego Bay; Seventh Street Channel	90832000		(Nonponto) ont Source			
	,	D	San Diego Bay, Seventin Street Channel	70032000	Benthic Community Effects		Medium	9.1 Acres	
						Nonpoint/Point Source			
					Sediment Toxicity		Medium	9.1 Acres	
					Aquatic life impairments.	Nonpoint/Point Source			
ELECT	9	В	San Diego Bay; Shelter Island Yacht Basin	90810000					
					Copper		High	185 Acres	2003
					Aquatic life impairments. Disse	olved copper.  Nonpoint/Point Source			
	9	В	San Diego Bay; Vicinity of B St and	90821000					
			Broadway Piers		Benthic Community Effects		Medium	9.9 Acres	
					Aquatic life impairments.				
			•		0.11 (m. 11)	Nonpoint/Point Source		•••	
					Sediment Toxicity  Aquatic life impairments.		Medium	9.9 Acres	
						Nonpoint/Point Source			
K 15 1	9	R	San Diego River (Lower)	90711000					2 175, 1761 275, 276
					Fecal Coliform		Low	14 Miles	
			•			Urban Runoff/Storm Sewers Wastewater			
						Nonpoint/Point Source			

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REGION	TYPI	, NAME	CALWATER WATERSHED	POLUUTANT/STRESSOR*	POTENTIAL SOURCES		STIMA E AFF	TED PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Disso	lved Oxygen	Low	14	Miles
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Phosphorus		Low	14	Miles
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Total Dissolved Solids		Low	14	Miles
				•	Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			•
					Natural Sources			
•		•			Unknown Nonpoint Source			
					Unknown point source			
9	E	San Elijo Lagoon	90461000					3
•				Bacteria Indicators		Low	514	Acres
					Nonpoint/Point Source	•		
				Eutrophic	•	Low	514	Acres
				Aquatic life impairments.				
					Nonpoint/Point Source			
				Sedimentation/Siltation		Medium	514	Acres
				Aquatic life impairments.				-
***					Nonpoint/Point Source			
9	R	San Juan Creek	90120000			•		
				Bacteria Indicators		Medium	27	Miles
					Nonpoint/Point Source			
9	E	San Juan Creek (mouth) 901.20	90120000					
,	Ŀ	San Juan Creek (mouth) 501.20	7012000	Bacteria Indicators		Medium	88	Acres
			•	<u></u>	Nonpoint/Point Source			
	Arman are no				Tronponior our Source			
9	R	San Luis Rey River	90311000			_		
				Chloride		Low	93	Miles
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			

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		2		94°4 (	999999	and the state of t	7 7 7 2 2 2 2 2 2		DKAFI
REC	ion	TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDI5 PRIORITY S	ESTIMATED ZE ÁFFEGTED	PROPOSED TMDL COMPLETION :-
					Total Dissolved Solids		Low	93 Miles	
						Industrial Point Sources			
						Agriculture-storm runoff		•	
						Urban Runoff/Storm Sewers			
						Surface Mining			
					•	Flow Regulation/Modification			
				•		Natural Sources			
						Golf course activities			
						Unknown Nonpoint Source			
						Unknown point source			
U GEORGE N		21925.2		88-25-31-21-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		The second secon			
	9	R	Sandia Canyon	90222000			_		
					Total Dissolved Solids		Low	9.3 Miles	
						Urban Runoff/Storm Sewers			
						Flow Regulation/Modification			
						Natural Sources			
						Unknown Nonpoint Source			
						Unknown point source			
E	9	E	Santa Margarita Lagoon	90211000				2/12/15/15	
		_			Eutrophic		High	145 Acres	2005
					Aquatic Life, Rec-1, Rec-2 impa	irments.	J		
						Nonpoint/Point Source			
			S. M D. GI	00222000				CONT. TO THE STATE OF THE STATE	
	9	R	Santa Margarita River (Upper)	90222000	Discontinue		<b>T</b>	14 3411	
					Phosphorus		Low	14 Miles	
						Urban Runoff/Storm Sewers			
						Unknown Nonpoint Source			
Chamm						Unknown point source			
Transfer of the Parket	9	R	Segunda Deshecha Creek	90130000					
			<del>-</del>		Phosphorus		Low	5.6 Miles	
						Urban Runoff/Storm Sewers			
						Unknown Nonpoint Source			
						Unknown point source			
				•	Turbidity		Low	5.6 Miles	
			v		<del></del>	Construction/Land Development			
						Urban Runoff/Storm Sewers			
			·			Channelization			
						Flow Regulation/Modification			
						Unknown Nonpoint Source			
						Unknown point source			
<b>6</b> 2.5 - 20.5		.,				Onmove point source			

		The second secon	CALWATTER .	POLYTING THE COLUMN	POTENTIAL	TMDL	ESTIMATED PROPOSEI	
REGIO	et tu dominio de la co			POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED COMPLE	HON
9	L	Sutherland, Lake	90553000	Color		Low	561 Acres	
				Color	Urban Runoff/Storm Sewers		Sol Acres	
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Tecolote Creek 906.50	90650000					
				Bacteria Indicators		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Cadmium		Medium	6.7 Miles	
				Elevated levels in stormwater.	Nonpoint/Point Source			
				Copper	Nonpoint of the Source	Medium	6.7 Miles	
				Elevated levels in stormwater.				
					Nonpoint/Point Source			
				Lead		Medium	6.7 Miles	
				Elevated levels in stormwater.	Nonpoint/Point Source			
				Toxicity	. Tonpomar ome godi ee	Medium	6.7 Miles	
				Elevated levels in stormwater.				
					Nonpoint/Point Source			
				Zinc		Medium	6.7 Miles	
				Elevated levels in stormwater.	Nonpoint/Point Source			
9	R	Tijuana River 911.11	91111000					
,		rijuana Mvei 711.11	71111000	Bacteria Indicators		Low	8.8 Miles	
					Nonpoint/Point Source			
				Eutrophic		Low	8.8 Miles	
					Nonpoint/Point Source			
				Organic Enrichment/Low Disso		Low	8.8 Miles	
					Nonpoint/Point Source			
				Pesticides		Low	8.8 Miles	
				Cultdo	Nonpoint/Point Source	T	0.0 3/41	
				Solids	Nonnoint/Dates Comme	Low	8.8 Miles	
				Synthetic Organics	Nonpoint/Point Source	Low	8.8 Miles	
				-James O. British	Nonpoint/Point Source	2011	OID MAILES	
				Trace Elements		Low	8.8 Miles	
					Nonpoint/Point Source			

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REGION	TYPE	NAME		POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED PROPOSED IMDLESIZE AFFECTED COMPLETION
				Trash		Low	8.8 Miles
					Nonpoint/Point Source		
9	E	Tijuana River Estuary 911.11	91111000		t-1::	3-1	
				Bacteria Indicators		Low	134 Acres
					Nonpoint/Point Source		
				Eutrophic	•	Low	134 Acres
					Nonpoint/Point Source		
				Lead	•	Low	134 Acres
				•	Nonpoint/Point Source		
				Nickel		Low	134 Acres
				Organic Enrichment/Low Disso	Nonpoint/Point Source	Low	134 Acres
		•		Organic Entiremnention Dissi		Low	134 Acres
					Urban Runoff/Storm Sewers Wastewater		·
				,	Unknown Nonpoint Source		
				•	Unknown point source		
				Pesticides	•	Low	134 Acres
					Nonpoint/Point Source		
				Thallium	-	Low	134 Acres
	•				Nonpoint/Point Source		
				Trash		Low	134 Acres
		•			Nonpoint/Point Source		

October 15, 2002 DRAFT

CALWATER POTENTIAL TIMOU ESTIMATED PROPOSED TIMOU REGION TYPE NAME WATERSHED POLIUTANT/STRESSOR SOURCES PRIORITY SIZE AFFECTED COMPLETION

#### PARRREVIATIONS

#### REGIONAL WATER OUALITY CONTROL BOARDS

- 1 North Coast
- 2 San Francisco Bay
- 3 Central Coast
- 4 Los Angeles
- Central Valley
- 6 Lahontan
- 7 Colorado River Basin
- 8 Santa Ana
- 9 San Diego

#### WATER BODY TYPE

- B = Bays and Harbors
- C = Coastal Shorelines/Beaches
- E = Estuaries
- L = Lakes/Reserviors
- R = Rivers and Streams
- S= Saline Lakes
- T = Wetlands, Tidal
- W= Wetlands, Freshwater

#### **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