



REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Albion River, Mendocino Coast HU, Albion River HA	11340013		-		_	
				Sedimentation/Siltation		High	77 Miles	2003
					Silviculture			
					Logging Road Construction/M Nonpoint Source	aintenance		
1	R	Americano Creek, Bodega HU, Estero Americano HA	11530012					
				Nutrients		Low	38 Miles	
					Pasture Grazing-Riparian and	or Upland		
					Range Grazing-Riparian			
					Range Grazing-Upland Intensive Animal Feeding Ope	rations		
					Manure Lagoons	I ALIUIIS		
					Dairies			
1	R	Big River, Mendocino Coast HU, Big River HA	11330043					
				Sedimentation/Siltation		High	225 Miles	2003
					Silviculture			
					Logging Road Construction/M	laintenance		
					Road Construction Disturbed Sites (Land Develor	a)		
					Nonpoint Source	·· ·		
				Temperature		Low	225 Miles	
					Habitat Modification			
					Removal of Riparian Vegetati			
					Streambank Modification/Des Drainage/Filling Of Wetlands	tannization		
					Erosion/Siltation			
					Nonpoint Source			
1	R	Eel River Delta, Eel River HU, Lower Eel River HA	11111032					
				Sedimentation/Siltation		Medium	426 Miles	
					Range Grazing-Riparian and/	or Upland		
					Silviculture			
				Temperature	Nonpoint Source	Medium	426 Miles	
				- competature	Removal of Riparian Vegetati		720 Miles	
					Nonpoint Source	V	***	

October 15, 2002 DRAFT

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Eel River, Middle Fork, Eel River HU, Middle Fork HA	11171045					
				Sedimentation/Siltation		Medium	1071 Miles	
					Erosion/Siltation			
				Temperature		Medium	1071 Miles	
					Removal of Riparian Vegetatio	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	Managaman		
					Harvesting, Restoration, Resid- Logging Road Construction/M	_		
					Construction/Land Developme			
					Land Development			
					Hydromodification			
					Habitat Modification			
					Removal of Riparian Vegetatio			
					Streambank Modification/Dest Erosion/Siltation	abilization		
				Temperature	ElosionSitation	Medium	674 Miles	
				•	Upstream Impoundment			
					Habitat Modification			
					Removal of Riparian Vegetation	n		
					Streambank Modification/Dest	tabilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion Erosion/Siltation			
					Upstream Impoundment			
					Opaticani Impoundment			
1	R	Eel River, North Fork, Eel River HU, North Fork HA	11150065			··	202 85"	
				Sedimentation/Siltation		Medium	382 Miles	
					Silviculture	lai-ta-a-a-		
		•			Logging Road Construction/M Erosion/Siltation	iaintenance		
					Nonpoint Source			
					•			





REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
·				Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destab Nonpoint Source	Medium pilization	382 Miles	
1	R	Eel River, South Fork, Eel River HU, South Fork HA	11131030					
				Sedimentation/Siltation	Range Grazing-Riparian and/or Silviculture Logging Road Construction/Main Resource Extraction Hydromodification Flow Regulation/Modification Removal of Riparian Vegetation Erosion/Siltation Nonpoint Source	ntenance	943 Miles	
				Temperature	Hydromodification Flow Regulation/Modification Removal of Riparian Vegetation Erosion/Siltation Nonpoint Source	Medium	943 Miles	
1		Eel River, Upper Main HA (Includes Tomki Creek)	11163050					
				Sedimentation/Siltation	Agriculture-grazing Silviculture Harvesting, Restoration, Residue Logging Road Construction/Main Silvicultural Point Sources Construction/Land Development Highway/Road/Bridge Construct Removal of Riparian Vegetation Streambank Modification/Destable Erosion/Siltation	ntenance t	1141 Miles	

October 15, 2002

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature	Channelization Habitat Modification Removal of Riparian Vegetati Streambank Modification/Des Drainage/Filling Of Wetlands Nonpoint Source	stabilization	1141 Miles	
1	R	Elk River, Eureka Plain HU	11000042	Sedimentation/Siltation	Silviculture Harvesting, Restoration, Resi Logging Road Construction/N Removal of Riparian Vegetati Streambank Modification/Desertion Erosion/Siltation Natural Sources Nonpoint Source	Taintenance on	88 Miles	
1	E	Estero Americano, Bodega HU, Estero Americano HA	11530012	Nutrients		Medium	199 Acres	
			11000053	Sedimentation/Siltation	Pasture Grazing-Riparian an Manure Lagoons Range Grazing-Riparian Hydromodification Removal of Riparian Vegetat Streambank Modification/De Erosion/Siltation Nonpoint Source	Low	199 Acres	
1	R	Freshwater Creek, Eureka Plain HU	11000050	Sedimentation/Siltation	Silviculture Harvesting, Restoration, Resi Logging Road Construction/I Removal of Riparian Vegetat Streambank Modification/De Erosion/Siltation Natural Sources Nonpoint Source	Maintenance ion	84 Miles	





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*		MDL IORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Garcia River, Mendocino Coast HU	11370026					•
_		3		Temperature	I	Low	154 Miles	
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabiliza	ation		
					Nonpoint Source			
1	R	Gualala River, Mendocino Coast HU,	11385021					
		Gualala River HA						
				Sedimentation/Siltation	F	High	455 Miles	2004
					Specialty Crop Production			
					Silviculture			
					Harvesting, Restoration, Residue Ma			
					Logging Road Construction/Mainten	ance	,	
					Highway/Road/Bridge Construction			
					Land Development Disturbed Sites (Land Develop.)			
					Erosion/Siltation			
					Nonpoint Source			
				Temperature	-	Low	455 Miles	
					Removal of Riparian Vegetation			
					Streambank Modification/Destabiliza	ation		
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			
1	R	Jacoby Creek, Eureka Plain HU	11000013					
				Sediment	ı	Low	19 Miles	
					Silviculture			
					Road Construction			
					Land Development			
					Disturbed Sites (Land Develop.)			
					Urban Runoff/Storm Sewers			
					Hydromodification			
					Channelization Removal of Riparian Vegetation			
					Streambank Modification/Destabilize	ation		
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Sediment Resuspension			
					Natural Sources			•
					Nonpoint Source			•

October 15, 2002 DRAFT

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River, Klamath River HU, Butte Valley HA	10581023					
		·		Nutrients		Medium	265 Miles	
				Temperature	Nonpoint Source	Medium	265 Miles	
		•		remperature	Nonpoint Source	Medium	205 Wiles	
1	R	Klamath River, Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	10593011		·			
		•		Nutrients		Medium	601 Miles	
					Hydromodification Nonpoint Source			
				Temperature	Nonpoint Source	Medium	601 Miles	
					Hydromodification			
					Dam Construction Upstream Impoundment			
					Flow Regulation/Modification			
					Water Diversions Agricultural Water Diversion			
					Upstream Impoundment			
					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 drainag	e		
					Agriculture-irrigation tailwater Agricultural Return Flows			
					Water Diversions			
					Agricultural Water Diversion			
					Habitat Modification Removal of Riparian Vegetation	1		
					Drainage/Filling Of Wetlands			
					Natural Sources Nonpoint Source			
					110 apoint source			





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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Temperature	-	Medium	612 Miles	
				Hydromodification			
				Channelization			
				Flow Regulation/Modification			
				Water Diversions			
				Agricultural Water Diversion			
				Habitat Modification			
				Removal of Riparian Vegetation	n		
				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- weather discharge	-dry and/or we	t	
				Minor Municipal Point Source- weather discharge	-dry and/or we	t	
				Agriculture			
				Irrigated Crop Production			
				Specialty Crop Production			
				Pasture Grazing-Riparian and	or Upland/		
				Range Grazing-Riparian			
				Intensive Animal Feeding Oper	rations		
				Agriculture-storm runoff			
				Agriculture-subsurface draina	-		
				Agriculture-irrigation tailwate	r		

October 15, 2002

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Organic Enrichment/Low Disso	lved 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-suosurrace uramage Agriculture-irrigation tailwater			
				Agriculture-animal			
				Upstream Impoundment			
				Flow Regulation/Modification			
				Upstream Impoundment			
				Out-of-state source			
			Temperature		Medium	609 Miles	
				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 HA, Iron Gate Dam to Scott River	10535053		-			
		6	Nutrients		Medium	548 Miles	
		0	-	Out-of-state source Nonpoint/Point Source			
			Organic Enrichment/Low Disse	olved Oxygen	Medium	548 Miles	
				Out-of-state source Nonpoint/Point Source			
			Temperature		Medium	548 Miles	
	,			Hydromodification Upstream Impoundment			
				Flow Regulation/Modification			
				Habitat Modification			
				Removal of Riparian Vegetation	ı		
				Upstream Impoundment			
				Nonpoint Source			





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMI 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 Diss	olved Oxygen	Medium	129 Miles	
					Industrial Point Sources			
					Municipal Point Sources			
					Agriculture			•
					Irrigated Crop Production			
					Specialty Crop Production			
					Range Grazing-Riparian and/o	r Upland		
					Agriculture-storm runoff			
					Agriculture-subsurface drainag	ge		
					Agriculture-irrigation tailwater	-		
					Agriculture-animal			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Upstream Impoundment			
					Out-of-state source			
				Temperature		Medium	129 Miles	
				•	Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Upstream Impoundment			
					Nonpoint Source			

October 15, 2002 DRAFT

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	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 Diss	olved 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			
				Temperature	Out-of-state source	Medium	1389 Miles	
				1 emperature	Undramadification		100, 111105	
					Hydromodification Channelization			
					Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Water Diversions			
					Habitat Modification			
					Removal of Riparian Vegetation	n		
					Streambank Modification/Dest			
					Drainage/Filling Of Wetlands			
					Natural Sources			
					Upstream Impoundment			
					Nonpoint Source			





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/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					
		Middle Russian River HA		Sedimentation/Siltation		Low	96 Miles	
					l (including Laguna de Santa Rosa)			
				ann e maoian marchane	Road Construction	La rigida yor deal.		
					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	abilization		
					Drainage/Filling Of Wetlands Channel Erosion			
					Erosion/Siltation			
			•		Erosion From Derelict Land			
					Highway Maintenance and Ru	noff		
					Nonpoint Source			
				Temperature	-	Low	96 Miles	
				Entire Russian River watershee	d (including Laguna de Santa Rosa)	is listed for temp	perature.	
					Hydromodification			
					Upstream Impoundment			
					Removal of Riparian Vegetation			
					Streambank Modification/Dest	tabilization		
					Upstream Impoundment			
					Nonpoint Source			
1	L	Lake Pillsbury (Eel River HU, Upper Main HA, Lake Pillsbury HSA)	11163051	,				
		•		Mercury		Low	1973 Acres	
					Natural Sources			

Natural Sources

REGION	TVDE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
L				TODDOTALLIOTADOOR	SOURCES	IMOMITI	SIZE ATT BETED	COMPLETION
1	R	Mad River, Mad River HU	10910011	Sedimentation/Siltation		Low	654 Miles	
				Seumentation/Situation	Silvia-14	20	oothes	
					Silviculture Resource Extraction			
					Nonpoint Source			
				Temperature	Nonpoint Source	Low	654 Miles	
				1 emperature	** *	Low	oo i miles	
					Upstream Impoundment			
					Flow Regulation/Modification Habitat Modification			
					Removal of Riparian Vegetation	n		
					Upstream Impoundment			
					Nonpoint Source			
					Unknown Nonpoint Source			
				Turbidity		Low	654 Miles	
				·	Silviculture			
					Resource Extraction			
					Nonpoint Source			
_	_	Mark Bridge M. Later W.	11220072		•			
1	R	Mattole River, Cape Mendocino HU, Mattole River HA	11230072					
		Matter NVC III		Sedimentation/Siltation		High	503 Miles	2004
					Specialty Crop Production			
					Range Grazing-Riparian and/o	r Upland		
					Range Grazing-Riparian	-		
					Silviculture			
					Road Construction			
					Hydromodification			
					Habitat Modification			
					Removal of Riparian Vegetatio			
					Streambank Modification/Dest	abilization		
					Erosion/Siltation			
					Natural Sources	*** *	503 NO	2004
				Temperature		High	503 Miles	2004
					Range Grazing-Riparian and/o	or Upland		
					Silviculture			
					Road Construction			
					Habitat Modification Removal of Riparian Vegetation	·n		
					Natural Sources	·11		
					Nonpoint Source			
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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1		Navarro River Delta, Mendocino Coast HU, Navarro River HA	11350077					
		IVAVAITO KIVEI IIA		Sedimentation/Siltation		High	48 Acres	2004
				Sedimentation/Sittation		mgn	40 Acres	2004
					Erosion/Siltation			
1	R	Navarro River, Mendocino Coast HU	11350077					
				Sedimentation/Siltation		High	415 Miles	2004
					Agriculture			
					Nonirrigated Crop Production	1		
					Irrigated Crop Production			
					Specialty Crop Production			
					Range Grazing-Riparian and/	or Upland		
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Agriculture-grazing			
					Silviculture			
					Harvesting, Restoration, Resid	lue Managemen	nt	
					Logging Road Construction/N	f aintenance		
					Silvicultural Point Sources			
					Construction/Land Developm			
					Highway/Road/Bridge Constr	uction		
					Land Development			
					Disturbed Sites (Land Develop).)		
					Resource Extraction			
					Flow Regulation/Modification			,
					Water Diversions			
					Habitat Modification			
					Removal of Riparian Vegetati Streambank Modification/Des			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			
					Homponic Source			

October 15, 2002

REGION TY	PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		High	415 Miles	2004
					Agriculture			
					Agricultural Return Flows			
				•	Resource Extraction			
					Flow Regulation/Modification			
					Water Diversions			
					Habitat Modification			
					Removal of Riparian Vegetatio		,	
					Streambank Modification/Dest	abilization		
					Drainage/Filling Of Wetlands 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					
1 1	•	Reamond Creek, Reamond Creek 110	10/10020	Sedimentation/Siltation		Medium	332 Miles	
					Range Grazing-Riparian			
					Silviculture			
					Harvesting, Restoration, Resid		it	
					Logging Road Construction/M			
					Construction/Land Developme			
					Disturbed Sites (Land Develop Removal of Riparian Vegetation			
					Streambank Modification/Dest			
					Erosion/Siltation			
					Natural Sources			
				Temperature		Low	332 Miles	
					Logging Road Construction/M			
					Removal of Riparian Vegetation			
					Streambank Modification/Desi	tabilization		•
					Erosion/Siltation			
					Natural Sources			
				·	Nonpoint Source			





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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Lower Russian River HA, Austin Creek HSA	11412013					
		·		Sedimentation/Siltation		Medium	81 Miles	
					Silviculture			
					Construction/Land Developmen	t		
					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			
					Nonpoint Source			
1	R	Russian River, Russian River HU, Lower Russian River HA, Guerneville HSA	11411041					
				Pathogens		Low	195 Miles	
				Carte a service to de 17 de	D:C4b:	a	and Dill County and	a

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 SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		Medium	195 Miles	
				Agriculture Irrigated Crop Production			
				Specialty Crop Production Agriculture-storm runoff			
				Agriculture-grazing			
				Silviculture			
				Construction/Land Developme	ent		
				Highway/Road/Bridge Constr	uction		
				Land Development			
				Hydromodification			
	•			Channelization			
				Dam Construction			
				Upstream Impoundment Flow Regulation/Modification			
				Habitat Modification			
				Removal of Riparian Vegetati	on		
				Streambank Modification/Des	tabilization		
				Drainage/Filling Of Wetlands			
				Channel Erosion			
				Erosion/Siltation			
				Upstream Impoundment	T any	195 Miles	
			Temperature	W. L. P. Prosition	Low	195 Willes	
				Hydromodification			
				Upstream Impoundment Flow Regulation/Modification	•		
				Habitat Modification			
				Removal of Riparian Vegetati	ion		
				Streambank Modification/De	stabilization		
				Upstream Impoundment			
				Nonpoint Source			
1 R	Russian River, Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA	11426023				05 867	
			Sedimentation/Siltation		Medium	85 Miles	
				Geothermal Development			
				Erosion/Siltation			
			The state of the s	Nonpoint Source	Low	85 Miles	
			Temperature	Plant Daniel de l'Arabe de		03 MIICS	
				Flow Regulation/Modification Habitat Modification	1		
				Removal of Riparian Vegetat	ion		
				Nonpoint Source			
			16	·			





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

R Russian River, Russian River HU, Middle Russian River HA, Dry Creek HSA 11424034

Sedimentation/Siltation

Medium

255 Miles

Agriculture

Agriculture-storm runoff

Silviculture

Logging Road Construction/Maintenance

Construction/Land Development Highway/Road/Bridge Construction Disturbed Sites (Land Develop.)

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

Nonpoint Source

Temperature

Low

255 Miles

Hydromodification

Upstream Impoundment Flow Regulation/Modification

Habitat Modification

Removal of Riparian Vegetation

Streambank Modification/Destabilization

Upstream Impoundment

Nonpoint Source

October 15, 2002

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL 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 Developmen Geothermal Development	L		
					Disturbed Sites (Land Develop.)			
					Surface Runoff			
				•	Resource Extraction			
					Channelization			
					Bridge Construction			
					Removal of Riparian Vegetation	1		
					Streambank Modification/Desta	bilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source	_		
				Temperature		Low	243 Miles	
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	ì		

Nonpoint Source





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL 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 Op	erations		
					Agriculture-storm runoff			
					Agriculture-grazing		•	
					Silviculture			
					Harvesting, Restoration, Resi	_	t	
					Construction/Land Developm			
					Highway/Road/Bridge Const	ruction		
					Land Development	· · · ·		
					Disturbed Sites (Land Develo Other Urban Runoff	·p.)		
					Surface Runoff			
		•			Removal of Riparian Vegetat	tion		
					Streambank Modification/De			
					Drainage/Filling Of Wetland			
					Channel Erosion			
					Erosion/Siltation			•
				Temperature		Low	99 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modificatio	n		
					Habitat Modification			
					Removal of Riparian Vegetat	tion		

Streambank Modification/Destabilization

Upstream Impoundment Nonpoint Source

October 15, 2002

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Upper Russian River HA, Coyote Valley HSA	11432060					
				Sedimentation/Siltation		Medium	171 Miles	
					Agriculture			
					Silviculture			
					Construction/Land Developmen	nt		
					Hydromodification			
					Channelization			
					Dam Construction			
					Flow Regulation/Modification			
					Bridge Construction			
					Habitat Modification			
					Removal of Riparian Vegetatio			
					Streambank Modification/Dest Drainage/Filling Of Wetlands	adilization		
					Channel Erosion			
					Erosion/Siltation			
				Temperature		Low	171 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	n		
					Streambank Modification/Dest	abilization		
					Upstream Impoundment			
					Nonpoint Source			
1	R	Russian River, Russian River HU, Upper Russian River HA, Forsythe Creek HSA	11433040					
		· •		Sedimentation/Siltation		Medium	122 Miles	
					Erosion/Siltation			
					Nonpoint Source			
				Temperature		Low	122 Miles	
					Hydromodification			
			-		Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Desi	abilization		
					Upstream Impoundment			
					Nonpoint Source			





			· <u>-</u>					DIVALI
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Upper Russian River HA, Ukiah HSA	11431071			-		
		•		Sedimentation/Siltation		Medium	460 Miles	
					Agriculture			
					Silviculture			
					Construction/Land Devel	opment		
					Resource Extraction			
					Habitat Modification			
					Removal of Riparian Veg			
					Streambank Modification			
					Drainage/Filling Of Wetla	ands		
					Channel Erosion			
					Erosion/Siltation	.d.D		
					Highway Maintenance an	d Kunott		
				Temperature	Natural Sources	Low	460 Miles	
				remperature	** 1 ***	LUW	400 1/11/03	
				•	Hydromodification			
					Upstream Impoundment Flow Regulation/Modification	ation		
					Habitat Modification	411011		
					Removal of Riparian Veg	etation		
				•	Streambank Modification			
					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			

October 15, 2002

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

Nonpoint Source

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





			` '					DRAFT
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Scott River, Klamath River HU, Scott River	10541035					-
		НА						
				Sedimentation/Siltation		Medium	902 Miles	
					Irrigated Crop Production			
					Pasture Grazing-Riparian and/o	r Upland		
					Silviculture Resource Extraction			
					Mill Tailings			
					Natural Sources			
					Nonpoint Source			
				Temperature		Medium	902 Miles	
					Irrigated Crop Production			
					Pasture Grazing-Riparian and/o	r Upland		
					Agricultural Return Flows			
					Silviculture			
					Flow Regulation/Modification			
					Water Diversions Habitat Modification			
					Removal of Riparian Vegetation	1		
					Streambank Modification/Desta			
					Drainage/Filling Of Wetlands			
					Other			
					Nonpoint Source			
1	R	Shasta River, Klamath River HU, Shasta River HA	10550001					
				Organic Enrichment/Low Diss	olved Oxygen	Medium	630 Miles	
					Minor Municipal Point Source-oweather discharge	dry and/or we	t	
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Dairies			
					Hydromodification			
					Dam Construction			
					Flow Regulation/Modification Habitat Modification			
				Temperature	Tableat Mounication	Medium	630 Miles	
					Agriculture-irrigation tailwater			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	n		
					Drainage/Filling Of Wetlands			

October 15, 2002

EGION TYP	PE NA	AME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1 R		eek/Estero do San Antonio, , Estero de San Antonio HA	11540010					
	J			Nutrients		Low	61 Miles	
				This pollutant was relisted for	this water body by USEPA in 1998.			
					Agriculture			
					Irrigated Crop Production			
					Pasture Grazing-Riparian and	d/or Upland		
					Range Grazing-Riparian			
					Intensive Animal Feeding Ope	erations		
					Concentrated Animal Feeding (permitted, point source)	g Operations		
					Agriculture-storm runoff			
					Land Development			
					Hydromodification			
					Channelization			
					Removal of Riparian Vegetat	ion		
					Streambank Modification/De	stabilization		
					Drainage/Filling Of Wetlands	3		
					Channel Erosion			
					Natural Sources			
				Sediment		Low	61 Miles	
			•		Agriculture			
		•			Grazing-Related Sources			
					Land Development			
					Erosion/Siltation			
					Nonpoint Source			
1 R		iver, Mendocino Coast HU, IA, Ten Mile River HSA	11313045					
		,		Sedimentation/Siltation		High	162 Miles	2003
					Silviculture	_		
					Harvesting, Restoration, Res	idue Managemen	t	
					Logging Road Construction/	•	•	
				Temperature	-0999 110an Court actions	Low	162 Miles	
				. operacure	Habitat Madification	20.11	102 111103	
					Habitat Modification	tion		
						Staumzation		
					Removal of Riparian Vegetat Streambank Modification/De Nonpoint Source			





			CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
1	R	Trinity River, East Fork, Trinity River HU, Upper HA	10640030					
		- FF		Sedimentation/Siltation		Medium	92 Miles	
					Silviculture			
					Harvesting, Restoration, Residu	ie Management		
					Logging Road Construction/Ma	intenance		
					Resource Extraction			
					Surface Mining			
					Placer Mining			
					Mine Tailings			
					Hydromodification			
					Dam Construction			
					Flow Regulation/Modification Habitat Modification			
					Removal of Riparian Vegetation	n		
					Streambank Modification/Dest			
					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 Vegetation			
					Streambank Modification/Dest	abilization		

October 15, 2002

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Trinity River, Trinity River HU, Lower Trinity HA	10611034					
				Sedimentation/Siltation		Medium	1256 Miles	
					Silviculture			
					Harvesting, Restoration, Residu	_		
					Logging Road Construction/Ma	intenance		
					Silvicultural Point Sources			
					Resource Extraction			
					Surface Mining			
					Mine Tailings			
					Hydromodification Dam Construction			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	1		
					Streambank Modification/Desta			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
					Upstream Impoundment			
1	R	Trinity River, Trinity River HU, Middle HA	10631021					
				Sedimentation/Siltation		Medium	331 Miles	
					Silviculture			
					Harvesting, Restoration, Residu		t	
					Logging Road Construction/Ma	aintenance		
					Silvicultural Point Sources			
					Resource Extraction			
					Placer Mining Mine Teilings			
					Mine Tailings Hydromodification			
					Dam Construction			
					Flow Regulation/Modification			
					Streambank Modification/Dest	abilization		
					Channel Erosion			
		•			Erosion/Siltation			
					Upstream Impoundment			



REGION	TVDE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*		MDL ORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMI
			··· ·	TOLLOTAITHSTRESSOR	SOURCES PRI	ORITI	SIZE AFFECTED	COMPLETION
1	R	Trinity River, Trinity River HU, Upper HA	10640003	Sedimentation/Siltation	M	edium	570 Miles	
					Silviculture			
					Harvesting, Restoration, Residue Ma	nagemeni		
					Logging Road Construction/Mainten	Ū		
					Resource Extraction			
					Surface Mining			
					Placer Mining			
					Mine Tailings			
					Hydromodification			
					Dam Construction			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	-41		
					Streambank Modification/Destabilize Channel Erosion	ацоп		
					Erosion/Siltation			
					Natural Sources			
				•	Nonpoint Source			
1	L	Tule Lake and Lower Klamath Lake National Wildlife Refuge (Klamath River HU)	10591020					
				pH (high)	1	Low	26998 Acres	
					Internal Nutrient Cycling (primarily	lakes)		
					Nonpoint Source	,		
1	R	Van Duzen River, Eel River HU, Van Duzen River HA	11121012					
		River IIA		Sedimentation/Siltation	М	edium	585 Miles	
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Silviculture			
					Harvesting, Restoration, Residue Ma		t	
					Logging Road Construction/Mainter	nance		
					Silvicultural Point Sources			
					Construction/Land Development			
					Habitat Modification Removal of Riparian Vegetation			
					Streambank Modification/Destabiliz	ation		
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			

October 15, 2002 DRAFT

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





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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMI COMPLETION
2 L	Calero Reservoir	20540031	.				
			Mercury		Medium	334 Acres	
			TMDL will be developed as parassessment is needed.	rt of the Santa Clara Basin Waters.	hed Management	Initiative. Additional n	nonitoring and
				Surface Mining			
				Mine Tailings			
2 E	Carquinez Strait	20710020					
- ~	Car quinos su an		Chlordane		Medium	5657 Acres	
			This listing was made by USEI	PA.			
			3	Nonpoint Source			
			DDT	•	Medium	5657 Acres	
				Nonpoint Source			
			Diazinon	. vonpoint Source	Medium	5657 Acres	
				olumn toxicity. Two patterns: pulse			cultural
			application in late winter and j	pulse from residential land use are ay also be the cause of toxicity; mo	as linked to home	owner pesticide use in i	
		•		Nonpoint Source			
			Dieldrin		Medium	5657 Acres	
			This listing was made by USEI	PA.			
				Nonpoint Source			
			Dioxin Compounds		Low	5657 Acres	
				3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2 D, and OCDD. This listing was mad		, 1,2,3,6,7,8-HxCDD, 1,	,2,3,7,8,9-
				Atmospheric Deposition			
			Exotic Species		Medium	5657 Acres	
			Disrupt natural benthos; chang	ge pollutant availability in food ch Ballast Water	ain; disrupt food	availability to native sp	ecies.
			Furan Compounds		Low	5657 Acres	
			1 3 1	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-H			
			·	Atmospheric Deposition			
			Mercury	• •	High	5657 Acres	2002
			•	sumption and wildlife consumption nining; most significant ongoing so rom point sources.	•	•	
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			

Nonpoint Source

October 15, 2002

REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMAT SIZE AFFE		PROPOSED TMD COMPLETION
· <u>-</u>			PCBs		High	5657	Acres	2004
			This listing covers non dioxin-like concentration data.	e PCBs.Interim health advisor	y for fish; uncertain	ty regarding wa	ter colun	nn
				Unknown Nonpoint Source	:			
			PCBs (dioxin-like)		Low	5657	Acres	
			The specific dioxin like compound (169), 2,3,3,4,4-PeCB (105), 2,3, 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5	4,4,5-PeCB (114), 2,3,4,4,5-P	eCB (118), 2,3,4,4,5	-PeCB (123), 2,	3,3,4,4,5	-HxCB (156),
				Unknown Nonpoint Source	:			
			Selenium		Low	5657	Acres	
			Affected use is one branch of the contributions from oil refineries species may have made food chai for scaup and scoter (diving duck	(control program in place) and in more susceptible to accumu	d agriculture (carrie lation of selenium; l	ed downstream l health consumpt	by rivers) tion advis	; exotic
				Industrial Point Sources				
				Agriculture				
2 E C	Castro Cove, Richmond (San Pablo Basin)	20660014						
			Dieldrin (sediment)		Low	71	Acres	
				Urban Runoff/Storm Sewe	rs			
				Point Source				
			Mercury (sediment)		Low	71	Acres	
				Urban Runoff/Storm Sewe	rs			
				Point Source				
			PAHs (sediment)		Low	71	Acres	
				Urban Runoff/Storm Sewe	rs			
				Point Source				
			Selenium (sediment)		Low	71	Acres	
				Urban Runoff/Storm Sewe	rs			
				Point Source				
2 B	Central Basin, San Francisco (part of SF Bay, Central)	20440010						
			Chlordane		Medium	40	Acres	
			This listing was made by USEPA	1 .				
				Nonpoint Source				
			DDT		Medium	40	Acres	
			This listing was made by USEPA					
				Nonpoint Source				
			Diazinon Diazinon levels cause water colu		Medium		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





PROPOSED TMDL **POTENTIAL CALWATER ESTIMATED** TMDL REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION 40 Acres Dieldrin Medium This listing was made by USEPA. Nonpoint Source 40 Acres 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, 1,2,3,6,7,8-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 40 Acres Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. Ballast Water 40 Acres **Furan Compounds** Low 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 2002 Mercury High 40 Acres 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 Nonpoint Source PAHs (sediment) Low 40 Acres Urban Runoff/Storm Sewers

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

Point 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-HxCB (189). This listing was made by USEPA.

Unknown Nonpoint Source

October 15, 2002

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		Low	40 Acres	
				contributions from oil refineries species may have made food cha	food chain; most sensitive indicat (control program in place) and ag iin more susceptible to accumulati ks); low TMDL priority because In	griculture (carried on of selenium; he	downstream by rivers alth consumption advi); exotic
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	R	Corte Madera Creek	20320011					
				Diazinon		High	4.1 Miles	2004
				This listing was made by USEPA	1.			
					Urban Runoff/Storm Sewers			
2	R	Coyote Creek (Marin County)	20320020					
		•		Diazinon		High	2.6 Miles	2004
				This listing was made by USEPA	1.			
					Urban Runoff/Storm Sewers			
2	R	Coyote Creek (Santa Clara Co.)	20530021					
~		Coyote Creek (Sainta Chara Con)	20000021	Diazinon		High	55 Miles	2004
				This listing was made by USEPA	4.	8		
					Urban Runoff/Storm Sewers			
		Callings Carely	20620013					
2	R	Gallinas Creek	20020013	Diazinon		High	2.1 Miles	2004
				This listing was made by USEP	4	111511	2.1 111103	2004
				This ising was made by obbit	Urban Runoff/Storm Sewers			
_	_		************					
2	R	Guadalupe Creek	20540050	No		N.C 32	0.1 351	
				Mercury	4 of the South Claus Basis Wateral	Medium	8.1 Miles	
				assessment is needed.	t of the Santa Clara Basin Watersh	<i>теа мападетен</i> і п	mitative. Adamonai n	nonttoring and
					Mine Tailings			
		C. dalam Paramata	20540040		Ü			
2	L	Guadalupe Reservoir	20540040	Mercury		Medium	63 Acres	
					t of the Santa Clara Basin Watersh			nonitoring and
				assessment is needed.	t of the bunta Clara Basin Watersh	ieu munugemem n	minutive. Additional n	ionitoring unu
					Surface Mining			
		,			Mine Tailings			
2	R	Guadalupe River	20540050					
-	11	Outendre Miter	200.0000	Diazinon		High	18 Miles	2004
				This listing was made by USEP.	A .	8		
				,	Urban Runoff/Storm Sewers			





REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		Medium	18 Miles	
			TMDL will be developed as par assessment is needed.	t of the Santa Clara Basin Watersh	ed Management	Initiative. Additional m	onitoring and
		·		Mine Tailings			
2 E	Islais Creek	20440010					
			Ammonia		Low	46 Acres	
				Industrial Point Sources			
				Combined Sewer Overflow	•		
			Chlordane (sediment)		Low	46 Acres	
				Industrial Point Sources			
				Combined Sewer Overflow			
			Dieldrin (sediment)		Low	46 Acres	
				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			
2 R	Lagunitas Creek	20113020					
			Nutrients		Medium	17 Miles	
			Tributary to Tomales Bay. TM monitoring and assessment nee	DLs will be developed as part of ev eded.	olving watershed	l management effort. Ac	dditional
				Agriculture			
				Urban Runoff/Storm Sewers			
			Pathogens	ror will to the state of	Medium	17 Miles	11:0
			Tributary to Tomales Bay. TM monitoring and assessment new	DLs will be developed as part of ev eded.	oiving watershed	t management effort. Ac	aattional
				Agriculture			
				Urban Runoff/Storm Sewers			

CALWATER **POTENTIAL** PROPOSED TMDL **TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION Sedimentation/Siltation 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** Lake Herman 20721030 2 Mercury Low 108 Acres Additional monitoring and assessment needed. Problem due to historical mining. **Surface Mining** 20420040 Lake Merritt Trash 142 Acres Low Urban Runoff/Storm Sewers 20440040 2 Laurel Creek (Solano Co) Diazinon 2004 High 3 Miles This listing was made by USEPA. Urban Runoff/Storm Sewers 2 Ledgewood Creek 20723010 Diazinon High 12 Miles 2004 This listing was made by USEPA. Urban Runoff/Storm Sewers 2 Los Gatos Creek (R2) 20540011 2004 Diazinon High 19 Miles This listing was made by USEPA. Urban Runoff/Storm Sewers Marina Lagoon (San Mateo County) 2 20440040 **High Coliform Count** Low 169 Acres **Urban Runoff/Storm Sewers** Nonpoint Source 20550040 2 R Matadero Creek Diazinon High 7.3 Miles 2004 This listing was made by USEPA. Urban Runoff/Storm Sewers R Miller Creek 20620012 2 Diazinon High 9 Miles 2004 This listing was made by USEPA. Urban Runoff/Storm Sewers





REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
2 E M	1ission Creek	20440010					
			Ammonia		Low	18 Acres	
				Industrial Point Sources			
				Combined Sewer Overflow			
			Chlordane (sediment)		Low	18 Acres	
				Industrial Point Sources			
			(1) 1 (5 - (1)	Combined Sewer Overflow	1	18 Acres	
			Chlorpyrifos (sediment)		Low	18 Acres	
				Industrial Point Sources			
			Chromium (sediment)	Combined Sewer Overflow	Low	18 Acres	
			Caronnum (scument)	Industrial Doint Course	70 W	io Acies	
				Industrial Point Sources Combined Sewer Overflow			
			Copper (sediment)	Combined Sewer Overnow	Low	18 Acres	
			N. b / Annumary	Industrial Point Sources	,		
				Combined Sewer Overflow			
			Dieldrin (sediment)	• • • • • • • • • • • • • • • • • • • •	Low	18 Acres	
				Industrial Point Sources			
				Combined Sewer Overflow			
			Hydrogen Sulfide		Low	18 Acres	
				Industrial Point Sources			
				Combined Sewer Overflow			
			Lead (sediment)		Low	18 Acres	
				Industrial Point Sources			
				Combined Sewer Overflow	_		
			Mercury (sediment)		Low	18 Acres	
				Industrial Point Sources			
			NC / P A	Combined Sewer Overflow	1	18 Acres	
		•	Mirex (sediment)		Low	18 Acres	
				Industrial Point Sources			
			PAHs	Combined Sewer Overflow	Low	18 Acres	
			1 1113	Industrial Baint Courses	LUW	10 Actes	
				Industrial Point Sources Combined Sewer Overflow	•		
			PCBs (sediment)	Complice Sevel Overnow	Low	18 Acres	
			(00000000)	Industrial Point Sources			
				Combined Sewer Overflow			
			Silver (sediment)		Low	18 Acres	
			,	Industrial Point Sources			
				Combined Sewer Overflow			

October 15, 2002

DRAFT PROPOSED TMDL **CALWATER POTENTIAL TMDL ESTIMATED** POLLUTANT/STRESSOR* REGION TYPE NAME WATERSHED SOURCES PRIORITY SIZE AFFECTED COMPLETION Zinc (sediment) Low 18 Acres **Industrial Point Sources** Combined Sewer Overflow Mt. Diablo Creek 20731040 2004 Diazinon High 13 Miles This listing was made by USEPA. Urban Runoff/Storm Sewers Napa River 20650010 65 Miles Nutrients Medium TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. Agriculture Pathogens Medium 65 Miles TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. Agriculture Urban Runoff/Storm Sewers Sedimentation/Siltation Medium 65 Miles TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers **Novato Creek** 20620010 Diazinon High 17 Miles 2004 This listing was made by USEPA. Urban Runoff/Storm Sewers Oakland Inner Harbor (Fruitvale Site, part 20420040 of SF Bay, Central) Chlordane Medium 0.93 Acres This listing was made by USEPA. Nonpoint Source DDT Medium 0.93 Acres This listing was made by USEPA. Nonpoint Source Diazinon Medium 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





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

Dieldrin

Medium

0.93 Acres

This listing was made by USEPA.

Nonpoint Source

Dioxin Compounds

Low

0.93 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

0.93 Acres

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

Ballast Water

Furan Compounds

Low

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

Atmospheric Deposition

Mercury

High

0.93 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

0.93 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

0.93 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-HxCB (189). This listing was made by USEPA.

Unknown Nonpoint Source

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 15, 2002

								DRAF
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	В	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	20420040		-			
				Chlordane ·		Medium	1.8 Acres	
				This listing was made by USEF	<i>'A</i> .			
					Nonpoint Source			
				Chlorpyrifos (sediment)		Low	1.8 Acres	
					Source Unknown			
				Copper (sediment)		Low	1.8 Acres	
					Source Unknown			
				DDT	Source Challown	Medium	1.8 Acres	
				This listing was made by USEF	PA	1.100.011	110 Teres	
				This listing was made by COLI	Nonpoint Source			
				Diazinon	Tromposite Boards	Medium	1.8 Acres	
				application in late winter and p	lumn toxicity. Two patterns: pu pulse from residential land use a ay also be the cause of toxicity;	areas linked to homed	owner pesticide use in l	
				B	Nonpoint Source	25 11		
				Dieldrin		Medium	1.8 Acres	
				This listing was made by USEF				
				Dissis Compounds	Nonpoint Source	T	10 4	•
					3,7,8-TCDD, 1,2,3,7,8-PeCDD, and OCDD. This listing was		1.8 Acres 1,2,3,6,7,8-HxCDD, 1,	2,3,7,8,9-
				11.020, 1,2,0,1,0,1,0 1.p.020	Atmospheric Deposition			
				Exotic Species	· · · · · · · · · · · · · · · · · · ·	Medium	1.8 Acres	
				•	ge pollutant availability in food			ecies.
				,	Ballast Water	. , , , , , , , , , , , , , , , , , , ,	······	
				Furan Compounds		Low	1.8 Acres	
				The specific compounds are 2,	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 1-HxCDF, 1,2,3,4,6,7,8-HpCDF		2,3,4,7,8-HxCDF, 1,2,3,	
					Atmospheric Deposition		,	
				Lead (sediment)		Low	1.8 Acres	
					Source Unknown			





1.8 Acres

Low

PROPOSED TMDL **CALWATER** POTENTIAL **TMDL ESTIMATED** WATERSHED SOURCES REGION TYPE NAME POLLUTANT/STRESSOR* **PRIORITY** SIZE AFFECTED COMPLETION 2002 High 1.8 Acres Mercury 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 1.8 Acres Low Mirex (sediment) Source Unknown PAHs (sediment) Low 1.8 Acres Source Unknown 2004 **PCBs** High 1.8 Acres 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 1.8 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), 3,3,4,4,4,4-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 PCBs (sediment) Low 1.8 Acres Source Unknown 1.8 Acres ppDDE (sediment) Low Source Unknown 1.8 Acres Selenium Low 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** Tributyltin (sediment) Low 1.8 Acres

Zinc (sediment)

Source Unknown

Source Unknown

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	С	Pacific Ocean at Fitzgerald Marine Reserve	20221012					
				High Coliform Count		Low	0.46 Miles	
					Nonpoint Source			
2	C	Pacific Ocean at Pacifica State Beach	20221011					
				High Coliform Count		Low	0.87 Miles	
				Linda Mar and San Pedro beach	==			
					Urban Runoff/Storm Sewers Nonpoint Source			
					Nonpoint Source			
2	С	Pacific Ocean at Pillar Point Beach	20221012	High Coliform Count		Low	1.1 Miles	
				riigh Comorm Count	Nonpoint Source	2011	1.1 Miles	
					Nonpoint Source			
2	C	Pacific Ocean at Rockaway Beach	20221011	High California Count		Low	0,29 Miles	
				High Coliform Count	List - Do-effice - Comme	LUW	0.29 Miles	
				•	Urban Runoff/Storm Sewers Nonpoint Source			
_	_	D. 15. O	20222011		. vonpome Boards			
2	С	Pacific Ocean at Venice Beach	20222011	High Coliform Count		Low	0.38 Miles	
				anga samani sam	Nonpoint Source			
	_		20550021		Tronponic Boards			
2	R	Permanente Creek	20550021	Diazinon		High	13 Miles	2004
				This listing was made by USEPA	l.	8	20	
				0 ,	Urban Runoff/Storm Sewers			
2	R	Pescadero Creek	20240013					
-	•	1 33 mag 10 37 son		Sedimentation/Siltation	•	Medium	26 Miles	
				Impairment to steelhead habitat.				
					Nonpoint Source			
2	R	Petaluma River	20630020					
				Diazinon		High	22 Miles	2004
				Data source: Abelli-Amen, Petal				
			·	Nutrients	Urban Runoff/Storm Sewers	Medium	22 Miles	
					of ongoing watershed managemen			essment
				needed.	, , , , , , , , , , , , , , , , , , ,	55	J	
					Agriculture			
					Construction/Land Developme	ent		
					Urban Runoff/Storm Sewers			





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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Pathogens		Medium	22 Miles	
			TMDL will be developed as par needed.	rt of ongoing watershed management	effort. Additio	onal monitoring and asse	essment
				Agriculture			
				Construction/Land Developmen	ıt		
				Urban Runoff/Storm Sewers			
			Sedimentation/Siltation		Medium	22 Miles	
				Agriculture			
			•	Construction/Land Developmen	ıt		
				Urban Runoff/Storm Sewers			
2 R	Petaluma River (tidal portion)	20630040					
	,,		Diazinon		High	1.1 Miles	2004
			Data source: Abelli-Amen, Pet	aluma Tree Planters, 1999.	-		
				Urban Runoff/Storm Sewers			
			Nickel		Low	1.1 Miles	
			Exceedance of California Toxic sediment tissue levels.	c Rule dissolved criteria and Nationa	l Toxic Rule to	tal criteria; elevated was	ter and
				Municipal Point Sources			
				Urban Runoff/Storm Sewers			
				Atmospheric Deposition			
			Nutrients		Medium	1.1 Miles	
			TMDL will be developed as par needed.	rt of ongoing watershed management	t effort. Additio	onal monitoring and asse	essment
				Agriculture			
				Construction/Land Developmen	nt		
				Urban Runoff/Storm Sewers			
			Pathogens		Medium	1.1 Miles	
			TMDL will be developed as pa needed.	rt of ongoing watershed managemen	t effort. Additio	onal monitoring and asse	essment
				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					
- •			Diazinon		High	9.2 Miles	2004
			This listing was made by USEI	PA.			
			,				

Urban Runoff/Storm Sewers

October 15, 2002

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Pomponio Creek	20240020					
				High Coliform Count		Low	7.1 Miles	
					Nonpoint Source			
•	D	Dishandson Day	20312010		•			
2	В	Richardson Bay	20312010	Chlordane		Medium	2439 Acres	
				This listing was made by USEF	24	Medium	2439 Acres	
				This listing was made by OSEF	Nonpoint Source			
				DDT	Nonpoint Source	Medium	2439 Acres	
				This listing was made by USEF	24	Mediam	2437 Acres	
				This usung was made by OSEI	Nonpoint Source			
				Dieldrin	Nonpoint Source	Medium	2439 Acres	
				This listing was made by USEF	04	Median	243) Acres	
				This tisting was made by OSEI	Unknown Nonpoint Source	۵		
				Dioxin Compounds	Chanown Monpoint Source	Low	2439 Acres	
				•	3,7,8-TCDD, 1,2,3,7,8-PeCDD,			123780_
					, and OCDD. This listing was i		, 1,2,3,0,7,0-11,000,	1,2,5,7,0,7
				•	Atmospheric Deposition	•		
				Exotic Species	• •	Medium	2439 Acres	
				Disrupt natural benthos; chang	ge pollutant availability in food	chain; disrupt food	availability to native s	pecies.
					Ballast Water			
				Furan Compounds		Low	2439 Acres	
				• •	3,7,8-TCDF, 1,2,3,7,8-PeCDF, ,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8			
					Atmospheric Deposition			
				High Coliform Count		Low	2439 Acres	
					rbor, is less than 10% of embay boat areas; extensive local cont			
				-	Urban Runoff/Storm Sewe	ers		
					Septage Disposal			
					Boat Discharges/Vessel W	astes		
				Mercury	•	High	2439 Acres	2002
				for multiple fish species includ	sumption and wildlife consumpt ing striped bass and shark. Ma ant ongoing source is erosion an	ion impacted uses: I jor source is historic	c: gold mining sedime	nts and local
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			

Nonpoint Source





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
-				PCBs		High	2439 Acres	2004
				This listing covers non dioxin-l concentration data.	like PCBs. Interim health advi	isory for fish; uncertain	ity regarding water col	umn
					Unknown Nonpoint Sour	rce		
				PCBs (dioxin-like)		Low	2439 Acres	
				The specific dioxin like comport (169), 2,3,3,4,4-PeCB (105), 2, 2,3,3,4,4,5-HxCB (157), 2,3,4,4	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),
					Unknown Nonpoint Sout	rce		
2	R	Rodeo Creek	20660022					
_				Diazinon		High	8 Miles	2004
				This listing was made by USEF	PA.			
					Urban Runoff/Storm Sev	wers		
2	E	Sacramento San Joaquin Delta	20710010					
		•		Chlordane		Medium	41736 Acres	
				This listing was made by USEF	PA.			
					Nonpoint Source			
				DDT		Medium	41736 Acres	
				This listing was made by USEF				
				p	Nonpoint Source	3.5. 31	41536	
				Diazinon Diazinon levels cause water co	hour toxiaity Two nattarns:	Medium	41736 Acres	icultural
				application in late winter and pearly summer. Chlorpyrifos m	oulse from residential land us	e areas linked to home	owner pesticide use in	
				,	Nonpoint Source			
				Dieldrin		Medium	41736 Acres	
				This listing was made by USEI	PA.			
					Nonpoint Source	_		
				Dioxin Compounds		Low	41736 Acres	
				The specific compounds are 2,. HxCDD, 1,2,3,4,6,7,8-HpCDD), and OCDD. This listing was	s made by USEPA.	1,2,3,6,7,8-HxCDD, 1	,2,3,7,8,9-
				Exotic Species	Atmospheric Deposition	Medium	41736 Acres	
				Disrupt natural benthos; change	ge pollutant availability in fo			ecies.
				Distript name of the state of t	Ballast Water		vaniability to marrie up	
				Furan Compounds		Low	41736 Acres	
				The specific compounds are 2, HxCDF, 1,2,3,7,8,9-HxCDF, 2 was made by USEPA.				
				·	Atmospheric Deposition	l		

October 15, 2002

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Mercury		High	41736 Acres	2002
			=	numption and wildlife consumption ining; most significant ongoing om point sources.	•	•	0
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Nonpoint Source			
			PCBs		High	41736 Acres	2004
			This listing covers non dioxin-l concentration data.	like PCBs.Interim health advisor	y for fish; uncertain	ty regarding water colu	ımn
				Unknown Nonpoint Source	:		
			PCBs (dioxin-like)		Low	41736 Acres	
			(169), 2,3,3,4,4-PeCB (105), 2,	unds are 3,4,4,5-TCB (81), 3,3,3,3,3,4,4,5-PeCB (114), 2,3,4,4,5-P 4,5,5,-HxCB (167), 2,3,3,4,4,5,5	eCB (118), 2,3,4,4,5 HpCB (189). This li	-PeCB (123), 2,3,3,4,4,	5-HxCB (156),
			S-li	Unknown Nonpoint Source		41777	
			Selenium	he food chain; most sensitive ind	Low	41736 Acres	- · · · · · · · · · · · · · · · · · · ·
			contributions from oil refinerie species may have made food ch	es (control program in place) and hain more susceptible to accumu ucks); low TMDL priority becaus	d agriculture (carrie lation of selenium; h	ed downstream by rivers health consumption adv	s); exotic isory in effect
				Industrial Point Sources			
				Agriculture			
				Natural Sources			
				Exotic Species			
2 R	San Antonio Creek (Marin/Sonoma Co)	20630031					
	,		Diazinon		High	18 Miles	2004
			This listing was made by USEF	PA.			
				Urban Runoff/Storm Sewe	rs .		
2 R	San Felipe Creek	20530041					
2 K	San Tempe ereck	20330041	Diazinon		High	15 Miles	2004
			This listing was made by USEF	PA.	****6**	15 miles	2001
				Urban Runoff/Storm Sewe	rs		
• -		20212010			. =	·	
2 B	San Francisco Bay, Central	20312010	Chlandana		N. (21	70003 4	
			Chlordane This listing was made by USEI	D.4	Medium	70992 Acres	
		•	This listing was made by USEF				
			DDT	Nonpoint Source	Medium	70992 Acres	
			This listing was made by USEF	PA	Mediuli	10332 ACTES	
			This tisting was made by OSEI	Nonpoint Source			
				pomi source			





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

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

Diazinon

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), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5-HyCB (189). This listing was made by USEPA.

Unknown Nonpoint Source

October 15, 2002

DRAFT

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTE	PROPOSED TMD COMPLETION
				Selenium		Low	70992 Acres	s
				Affected use is one branch of the contributions from oil refineric species may have made food clot for scaup and scoter (diving di	es (control program in place) an hain more susceptible to accumi	nd agriculture (carrie ulation of selenium; h	ed downstream by riv health consumption a	ers); exotic
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	В	San Francisco Bay, Lower	20410010					
		-		Chlordane		Medium	79293 Acre	s
				This listing was made by USE	PA.			
					Nonpoint Source			
				DDT		Medium	79293 Acre	
				This listing was made by USE				
					Nonpoint Source			
				Diazinon		Medium	79293 Acre	
		•		application in late winter and	olumn toxicity. Two patterns: p pulse from residential land use ay also be the cause of toxicity;	areas linked to home	owner pesticide use i	gricultural in late spring,
					Nonpoint Source			
				Dieldrin		Medium	79293 Acre	es
				This listing was made by USE.	PA.			
					Nonpoint Source			
				Dioxin Compounds		Low	79293 Acre	
					3,7,8-TCDD, 1,2,3,7,8-PeCDD, 0, and OCDD. This listing was		, 1,2,3,6,7,8-HxCDD	, 1,2,3,7,8,9-
					Atmospheric Deposition			
				Exotic Species		Medium	79293 Acre	
				Disrupt natural benthos; chan	ge pollutant availability in food	d chain; disrupt food	availability to native	species.
					Ballast Water			
				Furan Compounds		Low	79293 Acre	
					3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,			
					Atmosphania Deposition			

Atmospheric Deposition



PROPOSED TMDL **CALWATER POTENTIAL ESTIMATED** TMDL REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION 79293 Acres 2002 High Mercury 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: water quality objective exceedances. Elevated sediment levels and elevated tissue levels. Industrial Point Sources **Municipal Point Sources** Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source 79293 Acres 2004 **PCBs** High This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data. Unknown Nonpoint Source 79293 Acres PCBs (dioxin-like) Low 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** San Francisco Bay, South 20510000 Medium 21669 Acres Chlordane This listing was made by USEPA. Nonpoint Source DDT Medium 21669 Acres This listing was made by USEPA. Nonpoint Source 21669 Acres Diazinon Medium 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 Medium 21669 Acres Dieldrin This listing was made by USEPA. Nonpoint Source 21669 Acres 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, 1,2,3,6,7,8-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** 21669 Acres **Exotic Species** Medium

Ballast Water

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

October 15, 2002

DRAFT

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

CALWATER POTENTIAL PROPOSED TMDL **TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES PRIORITY SIZE AFFECTED COMPLETION Furan Compounds Low 21669 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 2002 21669 Acres Mercury High 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: water quality objective exceedances. Elevated sediment level and elevated tissue levels. Industrial Point Sources **Municipal Point Sources** Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source **PCBs** 21669 Acres 2004 High This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data. **Unknown Nonpoint Source** 21669 Acres PCBs (dioxin-like) Low 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 Selenium Low 21669 Acres A formal health advisory has been issued by OEHHA for benthic-feeding ducks in South San Francisco Bay. This health advisory clearly establishes that water contact recreation beneficial use (REC-1) is not fully supported and standards are not fully met. Agriculture **Domestic Use of Ground Water** San Francisquito Creek 20550040 2 Diazinon High 12 Miles 2004 This listing was made by USEPA. Urban Runoff/Storm Sewers 12 Miles Sedimentation/Siltation Medium Impairment to steelhead habitat. Nonpoint Source 20230014 San Gregorio Creek 11 Miles **High Coliform Count** Low Nonpoint Source





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	·			Sedimentation/Siltation		Medium	11 Miles	<u> </u>
		,		Impairment to steelhead habita	ıt.			
					Nonpoint Source			
2	В.	San Leandro Bay (part of SF Bay, Central)	20420040					
_	-	can control buy (participal cary, contrary	20.200.0	Chlordane		Medium	588 Acres	
				This listing was made by USEF	PA.			
				,	Nonpoint Source			
				DDT	-	Medium	588 Acres	
				This listing was made by USEF	PA.			
					Nonpoint Source	-		
				Diazinon		Medium	588 Acres	
				application in late winter and p	lumn toxicity. Two patterns: pulse oulse from residential land use area ay also be the cause of toxicity; mo Nonpoint Source	as linked to home	owner pesticide use in l	
				Dieldrin	Nonpoint Source	Medium	588 Acres	
				This listing was made by USEF	PA.	······································	Doo neres	
					Nonpoint Source			
				Dioxin Compounds	•	Low	588 Acres	
				-	Atmospheric Deposition			
				Exotic Species		Medium	588 Acres	
				Disrupt natural benthos; chang	ge pollutant availability in food cha Ballast Water	ain; disrupt food o	availability to native sp	ecies.
				Furan Compounds	Danast Water	Low	588 Acres	
				The specific compounds are 2,.	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3, 3-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,	,4,7,8-PeCDF, 1,	2,3,4,7,8-HxCDF, 1,2,3	
					Atmospheric Deposition			
				Lead (sediment)		Low	588 Acres	
					Source Unknown			
				Mercury		High	588 Acres	2002
				for multiple fish species includ	sumption and wildlife consumption ing striped bass and shark. Major ant ongoing source is erosion and a	source is historic	: gold mining sedimen	ts and local
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTE	PROPOSED TMDI COMPLETION
			PAHs (sediment)		Low	588 Acre	<u></u>
				Source Unknown			
			PCBs		High	588 Acres	s 2004
			This listing covers non dioxin-le concentration data.	ke PCBs.Interim health advisory	for fish; uncertain	ty regarding water co	olumn
				Unknown Nonpoint Source			
			PCBs (dioxin-like)		Low	588 Acre	S
			(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-PeC ,5,5,-HxCB (167), 2,3,3,4,4,5,5-H	CB (118), 2,3,4,4,5	-PeCB (123), 2,3,3,4	,4,5-HxCB (156),
				Unknown Nonpoint Source			
			PCBs (sediment)		Low	588 Acre	s
				Source Unknown			
			Pesticides		Low	588 Acre	s
				Source Unknown			
			Selenium		Low	588 Acre	s
				ain more susceptible to accumula cks); low TMDL priority because Industrial Point Sources			armory in egicle
				Agriculture			
				Natural Sources			
				Exotic Species			
			Zinc (sediment)		Low	588 Acre	S
				Source Unknown			
2 R	San Leandro Creek, Lower	20420012					
	Dan Donate Strong Donate						
			Diazinon		High	9.3 Mile	s 2004
			Diazinon This listing was made by USEF	<i>A</i> .	High	9.3 Mile	s 2004
				A. Urban Runoff/Storm Sewers	-	9.3 Mile	s 2004
2 R	San Lorenzo Creek	20420023			-	9.3 Mile	s 2004
2 R	San Lorenzo Creek	20420023				9.3 Mile	
2 R	San Lorenzo Creek	20420023	This listing was made by USEF	Urban Runoff/Storm Sewers	-		
2 R	San Lorenzo Creek	20420023	This listing was made by USEF Diazinon	Urban Runoff/Storm Sewers	High		
			This listing was made by USEF Diazinon	Urban Runoff/Storm Sewers	High		
	San Lorenzo Creek San Mateo Creek	20420023	This listing was made by USEF Diazinon	Urban Runoff/Storm Sewers	High		s 2004
			This listing was made by USEF Diazinon This listing was made by USEF	Urban Runoff/Storm Sewers A. Urban Runoff/Storm Sewers	High	11 Mile	s 2004





REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMI COMPLETION
2 B Sa	n Pablo Bay	20610010			<u>-</u>		
			Chlordane		Medium	68349 Acres	
			This listing was made by USEP.	4.			
				Nonpoint Source			
•			DDT		Medium	68349 Acres	
			This listing was made by USEP.	4.			
				Nonpoint Source			
			Diazinon		Medium	68349 Acres	
			Diazinon levels cause water col application in late winter and p early summer. Chlorpyrifos ma	ulse from residential land use	areas linked to homeo	wner pesticide use in	
		•		Nonpoint Source			
			Dieldrin		Medium	68349 Acres	
			This listing was made by USEP.	4.			
				Nonpoint Source			
			Dioxin Compounds	•	Low	68349 Acres	
			The specific compounds are 2,3 HxCDD, 1,2,3,4,6,7,8-HpCDD,			1,2,3,6,7,8-HxCDD, 1	,2,3,7,8,9-
			Exotic Species		Medium	68349 Acres	
			Disrupt natural benthos; chang	e pollutant availability in food Ballast Water	d chain; disrupt food a	vailability to native sp	pecies.
			Furan Compounds		Low	68349 Acres	
			The specific compounds are 2,3 HxCDF, 1,2,3,7,8,9-HxCDF, 2, was made by USEPA.				
				Atmospheric Deposition			,
			Mercury		High	68349 Acres	2002
			Current data indicate fish const for multiple fish species includi mercury mining; most significat inputs from point sources.	ng striped bass and shark. M	ajor source is historic.	gold mining sedimer	nts and local
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			PCBs		High	68349 Acres	2004
			This listing covers non dioxin-la concentration data.	ike PCBs.Interim health advis	ory for fish; uncertain	ty regarding water co	lumn

Unknown Nonpoint Source

October 15, 2002

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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (dioxin-like)		Low	68349 Acres	
		•		The specific dioxin like compound (169), 2,3,3,4,4-PeCB (105), 2,3, 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5	4,4,5-PeCB (114), 2,3,4,4,5-PeCE	3 (118), 2,3,4,4,5-	PeCB (123), 2,3,3,4,4,5	5-HxCB (156),
					Unknown Nonpoint Source			
				Selenium		Low	68349 Acres	
				Affected use is one branch of the contributions from oil refineries (species may have made food chai for scaup and scoter (diving duck	(control program in place) and ag in more susceptible to accumulati	griculture (carried on of selenium; h	d downstream by rivers, ealth consumption advi); exotic
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	R	San Pablo Creek	20660014					
				Diazinon		High	9.9 Miles	2004
				This listing was made by USEPA				
					Urban Runoff/Storm Sewers			
2	L	San Pablo Reservoir	20660012					
				Mercury		Low	784 Acres	
					Atmospheric Deposition			
2	R	San Pedro Creek	20221011					
-		Dan Tear o Creek	20221011	High Coliform Count		Low	2.4 Miles	
				8	Urban Runoff/Storm Sewers			
					Nonpoint Source			
_		0 - P. C. I C I	20220012		• • • • • • • • • • • • • • • • • • • •			
2	R	San Rafael Creek	20320012	Diazinon		High	3.6 Miles	2004
				This listing was made by USEPA		mgn	3.0 Miles	2004
				This isting was made by OSEI A	Urban Runoff/Storm Sewers			
_	_		*******					
2	R	San Vicente Creek	20221012	High California Count		T	2.0 Miles	
				High Coliform Count		Low	3.8 Miles	
					Nonpoint Source			
2	R	Saratoga Creek	20550040					
				Diazinon		High	18 Miles	2004
				This listing was made by USEPA				
					Urban Runoff/Storm Sewers			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
2	R	Sonoma Creek	20640050					
				Nutrients		Medium	30 Miles	
				TMDL will be developed as pa needed.	rt of ongoing watershed managemen	nt effort. Additio	onal monitoring and ass	essment
					Agriculture			
					Construction/Land Developme	ent		
					Land Development			
					Urban Runoff/Storm Sewers			
				Pathogens		Medium	30 Miles	
				TMDL will be developed as pa needed.	rt of ongoing watershed managemen	nt effort. Additio	onal monitoring and ass	essment
					Agriculture			
					Construction/Land Developme	ent		
					Land Development			
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation		Medium	30 Miles	
				TMDL will be developed as pa needed.	rt of ongoing watershed managemer	nt effort. Additio	onal monitoring and ass	ressment
					Agriculture			
					Construction/Land Developme	ent		
					Land Development			
					Urban Runoff/Storm Sewers			
2	R	Stevens Creek	20550020					
				Diazinon		High	20 Miles	2004
				This listing was made by USEI	PA,			
					Urban Runoff/Storm Sewers			
2	В	Suisun Bay	20710020					
		•		Chlordane		Medium	27498 Acres	
				This listing was made by USE	PA.			
				,	Nonpoint Source			
				DDT	-	Medium	27498 Acres	
				This listing was made by USE	PA.			
					Nonpoint Source			
				Diazinon		Medium	27498 Acres	
				application in late winter and	olumn toxicity. Two patterns: pulses pulse from residential land use area ay also be the cause of toxicity; more	s linked to home	owner pesticide use in i	
					Nonpoint Source			
				Dieldrin		Medium	27498 Acres	
				This listing was made by USE.				
					Nonnoint Source			

Nonpoint Source

October 15, 2002

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
			Dioxin Compounds		Low	27498 Acres	
			• • •	3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3, and OCDD. This listing was made Atmospheric Deposition		1,2,3,6,7,8-HxCDD, 1,.	2,3,7,8,9-
			Exotic Species	p z oposition	Medium	27498 Acres	
			•	ge pollutant availability in food chair Ballast Water			cies.
			Furan Compounds		Low	27498 Acres	
			The specific compounds are 2,3	3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4 -HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,	,7,8-PeCDF, 1,2	,3,4,7,8-HxCDF, 1,2,3,	
				Atmospheric Deposition			
			Mercury		High	27498 Acres	2002
				umption and wildlife consumption in ining; most significant ongoing sour om point sources.	-	•	
				Industrial Point Sources			
				Resource Extraction			
				Atmospheric Deposition Natural Sources			
				Nonpoint Source			
			PCBs		High	27498 Acres	2004
			This listing covers non-dioxin-l concentration data.	like PCBs. Interim health advisory fo	or fish; uncertair	nty regarding water col	umn
				Unknown point source			
			PCBs (dioxin-like)		Low	27498 Acres	
			(169), 2,3,3,4,4-PeCB (105), 2,	unds are 3,4,4,5-TCB (81), 3,3,3,3-T 3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB 4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpC Unknown Nonpoint Source	(118), 2,3,4,4,5	-PeCB (123), 2,3,3,4,4,	5-HxCB (156),
			Selenium	Chanomi Honpoint Source	Low	27498 Acres	
			Affected use is one branch of th contributions from oil refinerie species may have made food ch	ne food chain; most sensitive indicate ss (control program in place) and ag- nain more susceptible to accumulation scks); low TMDL priority because In Industrial Point Sources Natural Sources Exotic Species	or is hatchability riculture (carrie on of selenium; h	v in nesting diving birds d downstream by rivers realth consumption advi); exotic
2 T Sui:	sun Marsh Wetlands	20723000					
			Metals		Low	66339 Acres	
			Additional monitoring and asse	essment needed.			
			-	Agriculture			
				Urban Runoff/Storm Sewers			
				Flow Regulation/Modification			





REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
			Nutrients		Low	66339 Acres	
	,		Additional monitoring and asse	essment needed.			
				Agriculture			
				Urban Runoff/Storm Sewers		•	
				Flow Regulation/Modification			
			Organic Enrichment/Low Diss	olved Oxygen	Low	66339 Acres	
			Additional monitoring and asse	essment needed.			
				Agriculture			
				Urban Runoff/Storm Sewers			
				Flow Regulation/Modification			
			Salinity/TDS/Chlorides		Low	66339 Acres	
			Additional monitoring and asse				
				Agriculture			
		•		Urban Runoff/Storm Sewers			
				Flow Regulation/Modification			
2 E	Suisun Slough	20723000					
			Diazinon		High	1124 Acres	2004
			This listing was made by USEF	<i>PA</i> .			
				Urban Runoff/Storm Sewers			
2 B	Tomales Bay	20114033					
	-		Mercury		Medium	8545 Acres	
			for multiple fish species includ	umption and wildlife consumption in ing striped bass and shark. Major so unt ongoing source is erosion and dr	ource is historic	: gold mining sediment	ts and local
				Mine Tailings			
			Nutrients		Medium	8545 Acres	
			• •	rt of ongoing watershed managemen ed first. Additional monitoring and c			Creek and
				Agriculture			
			Pathogens		High	8545 Acres	2004
			•	rt of ongoing watershed managemen ed first. Additional monitoring and c			Creek and
				Intensive Animal Feeding Open	rations		
				Septage Disposal			
			Sedimentation/Siltation		Medium	8545 Acres	
				rt of ongoing watershed managemen ed first. Additional monitoring and c			Creek and
				Agriculture			
				Upstream Impoundment			
				Upstream Impoundment			

October 15, 2002

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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Walker Creek	20112013			-		
				Mercury		Medium	16 Miles	
				Tributary to Tomales Bay. TMI monitoring and assessment need	DLs will be developed as part of evol ded.	lving watershed	management effort. Ac	lditional
					Surface Mining			
				Nutrients	Mine Tailings	Medium	16 Miles	
					DLs will be developed as part of evol			lditional
					Agriculture			
				Sedimentation/Siltation		Medium	16 Miles	
				Tributary to Tomales Bay. TMI monitoring and assessment need	DLs will be developed as part of evol ded.	lving watershed	management effort. Ad	lditional
					Agriculture			
2	R	Wainut Creek	20731040					
			•	Diazinon		High	9 Miles	2004
				This listing was made by USEP.	A.			
					Urban Runoff/Storm Sewers			
2	R	Wildcat Creek	20660013					
				Diazinon		High	12 Miles	2004
				This listing was made by USEP				
					Urban Runoff/Storm Sewers			
3	R	Alamo Creek	31230072					
				Fecal Coliform		Low	5.8 Miles	
					Agriculture			
					Range Grazing-Riparian and/o	r 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	. Ton positio Bourto	Low	7.4 Miles	
					Source Unknown			
•	D	Amton Canali	20412022				•	
3	R	Aptos Creek	30413023	Pathogens		Medium	8.4 Miles	
				· ·	is below Bridge Creek to the mouth (
					Urban Runoff/Storm Sewers	/	•	





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Low	8.4 Miles	
					Disturbed Sites (Land Develop.)			
					Channel Erosion			
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	
					Source Unknown			
				Low Dissolved Oxygen		Low	5.4 Miles	
					Source Unknown			
3	R	Bean Creek	30412041					
· ·		24 6.44		Sedimentation/Siltation		Low	8.9 Miles	
					Road Construction			
					Disturbed Sites (Land Develop.)			
					Resource Extraction			
					Erosion/Siltation			
					Nonpoint Source			
3	R	Bear Creek(Santa Cruz County)	30412030					
				Sedimentation/Siltation		Low	6.3 Miles	
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develop.) Erosion/Siltation	i		
					Nonpoint Source			
_	_	D. D. J.	20011010					
3	R	Blanco Drain	30911010	Pesticides		Medium	15 Miles	
				1 cancines	A amiaultura	Medium	15 Miles	
					Agriculture Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Nonpoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES F	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Blosser Channel	31210030					-
				Fecal Coliform		Low	0.02 Miles	
					Agriculture			
		·			Pasture Grazing-Riparian and/or	Upland		
					Urban Runoff/Storm Sewers Natural Sources			
-	n	Dealth Const	20.44.0000					
3	R	Boulder Creek	30412020	Sedimentation/Siltation		Low	7.6 Miles	•
				Seamentation/Distantion	Specialty Crop Production		,,,, 1/11163	
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develop.)			
					Erosion/Siltation			
		·			Nonpoint Source			
3	R	Bradley Canyon Creek	31210030	Paral Calle		1	49 850	
				Fecal Coliform	4	Low	17 Miles	
					Agriculture Pasture Grazing-Riparian and/or	· IJnland		
					Urban Runoff/Storm Sewers	Opianu		
					Natural Sources			
3	R	Bradley Channel	31210030					
5				Fecal Coliform		Low	3.1 Miles	
					Source Unknown			
3	R	Branciforte Creek	30412051					
5				Sedimentation/Siltation		Low	5.8 Miles	
•					Silviculture			
					Road Construction			
					Nonpoint Source			
3	R	Carbonera Creek	30412050					
				Nutrients		Low	10 Miles	
					Nonpoint Source			
				Pathogens		Medium	10 Miles	
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation	Nonpoint Source	High	10 Miles	2003
				Scumentation/Smatten	Construction/Land Development		io mines	2003
					Nonpoint Source			
					E			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Carpinteria Creek	31534020					
				Pathogens		Low	5.8 Miles	
					Agriculture			
					Land Disposal			
					Septage Disposal			
3	E	Carpinteria Marsh (El Estero Marsh)	31534020					
				Nutrients		Low	188 Acres	
					Agriculture			
				Organic Enrichment/Low Dissol	•	Low	188 Acres	
					Agriculture			
				Priority Organics	~	Low	188 Acres	
				_	Urban Runoff/Storm Sewers			
				Sedimentation/Siltation		Low	188 Acres	
					Agriculture			
					Construction/Land Developmen	it		
					Storm sewers			
3	R	Cholame Creek	31700053					
=		•		Boron		Low	8.7 Miles	
					Source Unknown			
				Fecal Coliform		Low	8.7 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/o	or Upland		
					Natural Sources			
					Nonpoint Source			
3	R	Chorro Creek	31022012					
				Fecal Coliform		Low	14 Miles	
					Source Unknown			
				Nutrients		High	14 Miles	2003
					Municipal Point Sources			
					Agriculture			
					Irrigated Crop Production		,	
					Agriculture-storm runoff			

October 15, 2002

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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		High	14 Miles	2003
					Agriculture			
					Irrigated Crop Production			
					Range Grazing-Riparian and	l/or Upland		
					Range Grazing-Upland			
					Agriculture-storm runoff			
					Construction/Land Develop	nent		
					Road Construction			
			`		Resource Extraction			
					Hydromodification Channelization			
					Streambank Modification/De	ectabilization		
					Channel Erosion	.stabilization		
					Erosion/Siltation			
					Natural Sources			
					Golf course activities			
					Nonpoint Source			
3	R	Chumash Creek	31022011					
				Fecal Coliform		Low	2.1 Miles	
					Source Unknown			
3	R	Clear Creek (San Benito County)	30550013					
•				Mercury		Medium	9.6 Miles	
					Resource Extraction			
_	_		20510010					
3	R	Corralitos Creek	30510010	Fecal Coliform		Low	13 Miles	
				recai Comorm		Low	15 Willes	
					Source Unknown			
3	R	Dairy Creek	31022010					
				Fecal Coliform		Low	4.5 Miles	
					Source Unknown			
				Low Dissolved Oxygen		Low	4.5 Miles	
					Source Unknown			
3	E	Elkhorn Slough	30600014					
3	E	Elvior ii Giongii	3000014	Pathogens		Low	2034 Acres	
					Natural Sources			
					Nonpoint Source			
					. ouponic oddi ec			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		Low	2034 Acres	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows			
					Erosion/Siltation Contaminated Sediments Nonpoint Source			
				Sedimentation/Siltation	rouponit Source	Low	2034 Acres	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Channel Erosion			
					Nonpoint Source			
3	R	Espinosa Slough	30911010	N. d. t. d		-		
				Nutrients	Agriculture Storm sewers	Low	1.5 Miles	
				Pesticides		Medium	1.5 Miles	
					Agriculture Urban Runoff/Storm Sewers			
				Priority Organics		Medium	1.5 Miles	
					Nonpoint Source			
3	R	Fall Creek	30412022				.	
				Sedimentation/Siltation	Road Construction Habitat Modification Erosion/Siltation Nonpoint Source	Low	5.1 Miles	
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		Low	196 Acres	
				Pathogens	Industrial Point Sources	Low	196 Acres	
					Urban Runoff/Storm Sewers			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Priority Organics		Low	196 Acres	
					Nonpoint Source			
				Sedimentation/Siltation		Low	196 Acres	
				•	Construction/Land Developmen	ıt		
3	L	Hernandez Reservoir	30550016					
				Mercury		Medium	626 Acres	
					Surface Mining			
3	R	Kings Creek	30412011	0.11		-	4.4 250	
				Sedimentation/Siltation	0.1. 1.	Low	4.4 Miles	
					Silviculture Road Construction			
					Disturbed Sites (Land Develop.))		
					Erosion/Siltation			
					Nonpoint Source			
3	R	Las Tablas Creek	30981293					
				Metals		High	5.7 Miles	2003
					Surface Mining			
3	R	Las Tablas Creek, North Fork	30981290	••				2007
				Metals	0.6.35:	High	6.5 Miles	2003
					Surface Mining			
3	R	Las Tablas Creek, South Fork	30981290	Metals		High	4.7 Miles	2003
				Metals	Surface Mining	mgn	4.7 Whites	2003
					Surface Minning			
3	R	Llagas Creek	30530020	Chloride		Low	16 Miles	
					is located downstream of confluence			nile of stream
				near Southside Drive).				•
					Nonpoint Source Point Source			
				Fecal Coliform	rount Source	Low	16 Miles	
				Impaired section for Fecal Col	iform is located between the confluer			nce with
				Pajaro River (approximately 9	• • •	on Iinle		
					Pasture Grazing-Riparian and/ Natural Sources	or Upland		
					Nonpoint Source			





PROPOSED TMDL **CALWATER POTENTIAL ESTIMATED TMDL** POLLUTANT/STRESSOR* COMPLETION REGION TYPE NAME WATERSHED SOURCES **PRIORITY** SIZE AFFECTED Nutrients Medium 16 Miles Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length). **Municipal Point Sources** Agriculture **Irrigated Crop Production** Pasture Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Urban Runoff/Storm Sewers Habitat Modification Nonpoint Source Unknown point source 16 Miles pН Low Source Unknown Sedimentation/Siltation Medium 16 Miles Impaired section for Sediment/Siltation is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length). Agriculture Hydromodification **Habitat Modification** Sodium Low 16 Miles Impaired section for Sodium is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive) Source Unknown Nonpoint Source Total Dissolved Solids Low 16 Miles Impaired section for Total Dissolved Solids is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length). Nonpoint Source **Point Source** Lompico Creek 30412040 3 **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 Development

Natural Sources

October 15, 2002

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

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Los Osos Creek	31023012					
				Fecal Coliform		Low	9.9 Miles	
					Source Unknown			
				Nutrients		High	9.9 Miles	2003
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff		,	
				Sedimentation/Siltation	Agricultural Return Flows	High	9.9 Miles	2003
				Scumentation/Snt4tion	A comio sultana	III.g.i).) IVIIICS	2003
					Agriculture Irrigated Crop Production			
					Range Grazing-Riparian and	or Upland		
					Agriculture-storm runoff	· · · · · · · · · · · · · · · · · · ·		
					Hydromodification			
					Channelization			
					Dredging			
					Habitat Modification	_		
					Removal of Riparian Vegetat			
					Streambank Modification/De Channel Erosion	stabilization		
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
3	R	Love Creek	30412021					
				Sedimentation/Siltation		Low	3.8 Miles	
					Agriculture			
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develo	p.)		
					Erosion/Siltation			
					Nonpoint Source			
3	R	Main Street Canal	31210030	A 71.		_		
			•	Nitrate		Low	5.1 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
3	R	Mission Creek	31532011			_	0.4.4	
				Pathogens		Low	8.6 Miles	
					Urban Runoff/Storm Sewers			
					Transient encampments			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Unknown Toxicity		Low	8.6 Miles	·
					Urban Runoff/Storm Sewers			
3	С	Monterey Bay South (Coastline)	30950042					
				Metals		Low	12 Miles	
					Surface Mining			
				Pesticides		Low	12 Miles	
				•	Agriculture			
3	В	Monterey Harbor	30950042					
				Metals		Medium	76 Acres	
					Railroad Slag Pile			
				Unknown Toxicity		Low	76 Acres	
					Source Unknown			
3	E	Moro Cojo Slough	30913011					
				Low Dissolved Oxygen		Low	62 Acres	
				Destable.	Source Unknown	Medium	62 Acres	
				Pesticides		Mealum	02 Acres	
					Agriculture Irrigated Crop Production			
					Agriculture-storm runoff			
					Agricultural Return Flows			
					Nonpoint Source			
				Sedimentation/Siltation		Low	62 Acres	
					Agriculture			
					Irrigated Crop Production Agriculture-storm runoff			
					Construction/Land Developme	ent		
					Nonpoint Source			
3	В	Morro Bay	31023012					5
		•		Metals		Medium	1922 Acres	

Affected area is 2300 acres. Open water habitat is approximately 1900 acres and delta area is approximately 400 acres.

Surface Mining Nonpoint Source

Boat Discharges/Vessel Wastes

October 15, 2002

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pathogens		High	1922 Acres	2004
				Affected area is 2300 acres.	Open water habitat is approximately Range Grazing-Upland Urban Runoff/Storm Sewers Septage Disposal	1900 acres and a	delta area is approxima	tely 400 acres.
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		High	1922 Acres	2003
				Affected area is 2300 acres.	Open water habitat is approximately	1900 acres and	delta area is approxima	tely 400 acres.
					Agriculture			•
					Irrigated Crop Production Construction/Land Developme	ent		
					Resource Extraction	.nt		
					Channelization			
					Channel Erosion			
3	В	Moss Landing Harbor	30600014					
3	ь	WIUSS Landing Hai but	3000014	Pathogens		Low	79 Acres	
					Agriculture	20	.,	
					Nonpoint Source			
					Boat Discharges/Vessel Wastes	•		
				Pesticides		Low	79 Acres	
					Agriculture			
					Irrigated Crop Production			
					Specialty Crop Production			
				Sedimentation/Siltation		Low	79 Acres	
					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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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	L	Nacimiento Reservoir	30982000					
				Metals		High	5736 Acres	2003
					Surface Mining			
		•			Natural Sources			
3	R	Newell Creek (Upper)	30412031					
5		Newen Creek (opper)	50112051	Sedimentation/Siltation		Low	3.5 Miles	
					Agriculture			
					Silviculture			
					Road Construction		•	
					Disturbed Sites (Land Develop.)			
					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			

October 15, 2002

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/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 Natural Sources	- Opiand		
					Nonpoint Source			
				Nitrate	-	Low	4.7 Miles	
					Source Unknown			
3	R	Oso Flaco Creek	31210030					
				Fecal Coliform		Low	6.3 Miles	
					Source Unknown			
				Nitrate		Low	6.3 Miles	
					Source Unknown			
3	L	Oso Flaco Lake	31210030					
			•	Nitrate		Low	56 Acres	
					Agriculture			
					Nonpoint Source			
3	C	Pacific Ocean at Arroyo Burro Beach	31532010					
		(Santa Barbara County)		Total Coliform		Low	3.1 Miles	
					Source Unknown			
3	c	Pacific Ocean at Arroyo Quemado Beach	31510022					
		(Santa Barbara County)		Fecal Coliform		Low	3.1 Miles	
				r CCAT CUMULTII	Agriculture	LUW	3.1 Willes	
					Agriculture Pasture Grazing-Riparian and/or	· Upland		
					Natural Sources	<u> </u>		
					Nonpoint Source			
				Total Coliform		Low	3.1 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Natural Sources	r Upland		
					Nonpoint Source			
3	С	Pacific Ocean at Carpinteria State Beach	31534020		-			
J	C	(Carpinteria Creek mouth, Santa Barbara County)	J 1939404					
				Fecal Coliform		Low	0.35 Miles	
					Source Unknown			





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Coliform		Low	0.35 Miles	
					Source Unknown			
3	C	Pacific Ocean at East Beach (mouth of	31532011					
		Mission Creek, Santa Barbara County)		Fecal Coliform		Low	0.06 Miles	
					Agriculture	2011		
					Urban Runoff/Storm Sewers			
					Natural Sources			
					Nonpoint Source		,	
				Total Coliform	Unknown Nonpoint Source	Low	0.06 Miles	
				Total Comorni	Agriculture	LUW	0.00 Miles	
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
					Unknown Nonpoint Source			
3	C	Pacific Ocean at East Beach (mouth of	31532012					
		Sycamore Creek, Santa Barbara County)		m . 10 H			0.06 350	
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Gaviota Beach (mouth of Canada de la Gaviota Creek, Santa	31510031					
		Barbara County)						
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Hammonds Beach (Santa	31533010					
		Barbara County)		n 10 m			0.06 869	
				Fecal Coliform	0 11 1	Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Hope Ranch Beach (Santa	31532010					
		Barbara County)		Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
3	С	Pacific Ocean at Jalama Beach (Santa	31510051					
3	C	Barbara County)	31310031					
				Fecal Coliform		Low	3.3 Miles	
					Agriculture			
					Pasture Grazing-Riparian and	d/or Upland		
					Natural Sources Nonpoint Source			
					ronpoint source			

								DRAFT
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Coliform		Low	3.3 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/o	or Upland		
					Natural Sources			
					Nonpoint Source			
3	C	Pacific Ocean at Ocean Beach (Santa Barbara County)	31410050					
				Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	С	Pacific Ocean at Point Rincon (mouth of	31534012					
3	C	Rincon Cr., Santa Barbara County)	31334012					
				Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
				Total Coliform		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					
3	•		20210020	Fecal Coliform		Low	32 Miles	
				Impaired length is above Llago	is Creek (approximately 4.5 miles).			
					Pasture Grazing-Riparian and/	or Upland		
					Natural Sources			
					Nonpoint Source			
				Nutrients		Medium	32 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-subsurface drainag Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Wastewater - land disposal			
					Channelization			
					Removal of Riparian Vegetation	n		
					Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation	·	Medium	32 Miles	
					Agriculture Irrigated Crop Production Range Grazing-Riparian and/o Agriculture-storm runoff Resource Extraction	r Upland		
					Surface Mining			
					Hydromodification			
					Channelization Habitat Modification			
					Removal of Riparian Vegetation	n		
					Streambank Modification/Dest			
					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 Developme	nt		
3	R	Salinas Reclamation Canal	30911010	Carl Californ		1	E 0 - 3.619	
				Fecal Coliform	A Common	Low	5.9 Miles	
					Agriculture Pasture Grazing-Riparian and/	or Linland		
		•			Urban Runoff/Storm Sewers	or Opianu		
					Natural Sources			
				Low Dissolved Oxygen		Low	5.9 Miles	
					Source Unknown			
				Nitrate		Low	5.9 Miles	
					Source Unknown			
				Pesticides		Medium	5.9 Miles	
					Minor Industrial Point Source			
					Agriculture Irrigated Crop Production		,	
					Agriculture-storm runoff			
					Agriculture-irrigation tailwate	r		
					Agricultural Return Flows Nonpoint Source			

October 15, 2002 DRAFT

		CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
		-	Priority Organics		Medium	5.9 Miles	
				Minor Industrial Point Source			
				Agriculture			
				Irrigated Crop Production			
				Agriculture-storm runoff			
				Agriculture-irrigation tailwater	r		
				Agricultural Return Flows			
				Urban Runoff/Storm Sewers			
				Source Unknown			
				Nonpoint Source			
3 R	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	30917000					
	and 30720)		Fecal Coliform		Low	31 Miles	
				Source Unknown			
			Nutrients	Source Ournown	Medium	31 Miles	
				Agriculture			
			Pesticides	8	Medium	31 Miles	
				Agriculture			
				Irrigated Crop Production			
				Agriculture-storm runoff			
				Agriculture-irrigation tailwater	r		
				Agricultural Return Flows			
				Nonpoint Source			
			Salinity/TDS/Chlorides	-	Low	31 Miles	
				Agriculture			
				Natural Sources			
				Nonpoint Source			
			Sedimentation/Siltation	•	Medium	31 Miles	
				Agriculture			
				Irrigated Crop Production			
				Range Grazing-Riparian and/o	r Upland		
				Agriculture-storm runoff			
				Road Construction			
				Land Development			
	•			Channel Erosion			
				Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Salinas River (midddle, near Gonzales Rd crossing to confluence with Nacimiento River)	30981177		•			•
		,		Pesticides		Medium	72 Miles	
				Area affected is the lower 20 m	iles of the middle Salinas River.			
				3,	Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwate	г		
					Agricultural Return Flows			
					Nonpoint Source			
				Salinity/TDS/Chlorides	F	Low	72 Miles	
				•	iles of the middle Salinas River.			
				33	Agriculture			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation	•	Medium	72 Miles	
					Agriculture			
					Irrigated Crop Production			
					Range Grazing-Riparian and/o	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 Reservoir)	30981112					
		,		Chloride		Low	49 Miles	
					Agriculture			
					Pasture Grazing-Riparian and	or Unland		
					Urban Runoff/Storm Sewers	or opiand		
				Sodium	Orban Ranomstorm Severs	Low	49 Miles	
				·	A			
					Agriculture	Von IImland		
					Pasture Grazing-Riparian and Urban Runoff/Storm Sewers	or Opiano		
3	E	Salinas River Lagoon (North)	30911010					
				Nutrients		Medium	197 Acres	
					Nonpoint Source			
				Pesticides		Medium	197 Acres	
					Agriculture			
					-			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	197 Acres	
					Nonpoint Source			
3	E	Salinas River Refuge Lagoon (South)	30911010					
				Nutrients		Medium	30 Acres	
				Pesticides	Agriculture	Medium	30 Acres	
			•		Agriculture			
				Salinity/TDS/Chlorides		Low	30 Acres	
					Agriculture			
3	R	San Antonio Creek (South Coast Watershed)	31531011	5 11 11 1011 1			(.	
				Sedimentation/Siltation	Agriculture	Low	6.5 Miles	
					Nonpoint Source			
3	R	San Benito River	30530020					
				Fecal Coliform		Low	86 Miles	
				Sedimentation/Siltation	Source Unknown	Madi	86 Miles	
				Sedimentation/Siltation	Agriculture	Medium	80 Miles	
					Resource Extraction			
					Nonpoint Source			
3	R	San Bernardo Creek	31022012			_		
				Fecal Coliform	Source Unknown	Low	6.9 Miles	
	R	San Lorenzo Creek	30970023		Source Unknown			
3	K	San Lorenzo Creek	30970023	Boron		Low	49 Miles	
					Source Unknown		•,	
				Fecal Coliform		Low	49 Miles	
					Agriculture	l/or Unland		
					Pasture Grazing-Riparian and Urban Runoff/Storm Sewers	not Obiana		
					Natural Sources			
3	R	San Lorenzo River	30412022					
				Nutrients		Low	27 Miles	٠
					Septage Disposal Nonpoint Source			
					point boutet			





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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Pathogens		Medium	27 Miles	
			-	Urban Runoff/Storm Sewers			
				Septage Disposal			
			Sedimentation/Siltation		High	27 Miles	2003 -
				Silviculture			
				Construction/Land Developmen	nt		
				Land Development			
				Urban Runoff/Storm Sewers			
3 E	San Lorenzo River Lagoon	30412053					
•			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			
				Agriculture-storm runoff			
			Pathogens		High	9.6 Miles	2004
				Source Unknown			
			Priority Organics		High	9.6 Miles	2002
				Source Unknown			
3 R	San Luisito Creek	31022011					
			Fecal Coliform		Low	6.7 Miles	
				Source Unknown			
3 R	Santa Maria River	31210030					
, K	Santa Maria Mirel	31210030	Fecal Coliform		Low	51 Miles	
				Agriculture			
				Pasture Grazing-Riparian and/	or Upland		
				Urban Runoff/Storm Sewers			
				Natural Sources			
			Nitrate		Low	51 Miles	
				Agriculture			
				Pasture Grazing-Riparian and/	or Upland		
				Urban Runoff/Storm Sewers			
3 R	Santa Ynez River	31410050					
			Nutrients		Low	47 Miles	
				Nonpoint Source			

PROPOSED TMDL CALWATER **POTENTIAL TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES **PRIORITY** SIZE AFFECTED COMPLETION Salinity/TDS/Chlorides 47 Miles Low Agriculture Sedimentation/Siltation Low 47 Miles Agriculture Urban Runoff/Storm Sewers Resource Extraction 30412053 3 Schwan Lake Nutrients Low 23 Acres Nonpoint Source **Pathogens** Medium 23 Acres **Urban Runoff/Storm Sewers Natural Sources** 30412022 3 Shingle Mill Creek Nutrients Low 1.6 Miles Septage Disposal Sedimentation/Siltation High 1.6 Miles 2003 Construction/Land Development Nonpoint Source 30413014 3 Soquel Lagoon Nutrients Low 1.2 Acres Septage Disposal Nonpoint Source 1.2 Acres **Pathogens** Medium **Urban Runoff/Storm Sewers Natural Sources** Nonpoint Source Sedimentation/Siltation 1.2 Acres Low Construction/Land Development 3 Tembladero Slough 30911010 Fecal Coliform Low 5 Miles Agriculture Pasture Grazing-Riparian and/or Upland **Urban Runoff/Storm Sewers Natural Sources**





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
		·····		Nutrients		Low	5 Miles	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source			
				Pesticides	h	Medium	5 Miles	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows Nonpoint Source			
3	R	Tequisquita Slough	30530020					
				Fecal Coliform	Agriculture Natural Sources Nonpoint Source	Low	7.2 Miles	
. 3	R	Valencia Creek	30413023		•			
-				Pathogens		Medium	6.2 Miles	
				Coding to the first of	Agriculture Septage Disposal	1.	(2.34")	
				Sedimentation/Siltation	A a-ia-14	Low	6.2 Miles	
					Agriculture Construction/Land Developmen	nt		
3	R	Waddell Creek, East Branch	30411010		•			
-		,		Nutrients		Low	3.5 Miles	
					Municipal Point Sources			
3	R	Walters Creek	31022011	Free California		Law	20 8421	
				Fecal Coliform	Source Unknown	Low	2.8 Miles	
3	R	Warden Creek	31023010		Source Ournown			
J		remain Citta	31023010	Fecal Coliform		Low	6 Miles	
					Source Unknown	_		
				Low Dissolved Oxygen	Source Links	Low	6 Miles	
					Source Unknown			

October 15, 2002 DRAFT

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Watsonville Slough	30510030					
				Pathogens		Medium	6.2 Miles	
					Urban Runoff/Storm Sewers			
					Source Unknown			
					Nonpoint Source			
				Pesticides		Low	6.2 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
				Sedimentation/Siltation	Nonpoint Source	Medium	6.2 Miles	
				Segmentation/Sutation		Medium	0.2 Willes	
					Agriculture			
					Irrigated Crop Production Agriculture-storm runoff			
					Nonpoint Source			
					Nonpolite Source			
3	R	Zayante Creek	30412040	C. It and the City of		T	0.2 Milas	
				Sedimentation/Siltation		Low	9.2 Miles	
					Agriculture			
				·	Silviculture			
					Road Construction Disturbed Sites (Land Develop.)	\		
					Erosion/Siltation	,		
					Nonpoint Source			
		Abalana Cam Barah	40511000					
4	С	Abalone Cove Beach	40311000	Beach Closures		High	1.1 Miles	2002
				beach closures	Name at a Common	1116	1.1 1111163	2002
				DDT (sediment)	Nonpoint Source	High	1.1 Miles	2009
				DD1 (seament)	N	ing.	1.1 WIECS	2007
				PCBs	Nonpoint Source	TT:_b	1.1 Miles	2009
				Fish Consumption Advisory for	DCD.	High	1.1 Miles	2009
				Fish Consumption Advisory for	Nonpoint Source			
					Nonpoint Source			
4	R	Aliso Canyon Wash	40521000					
				Selenium		High	10 Miles	2003
					Nonpoint Source			
4	C	Amarillo Beach	40431000					
				DDT		Low	0.64 Miles	
				Fish Consumption Advisory for	DDT.			
					Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		Low	0.64 Miles	
				Fish Consumption Advisory for	PCBs.			
					Nonpoint Source			
4	R	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	40515010					
				Algae		High	5.2 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	5.2 Miles	2002
					Nonpoint Source			
				Trash		Low	5.2 Miles	
					Nonpoint Source			
4	R	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	40515010					
				Algae		High	4.4 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	4.4 Miles	2002
•					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 Disso	olved Oxygen	Low	2.3 Miles	
					Nonpoint Source			
				Toxicity		Low	2.3 Miles	
					Nonpoint Source			
4	C	Avalon Beach	40511000					
				Bacteria Indicators		Low	0.67 Miles	
				Area affected is between Pier at Pier (1/3). and between BB rest		n Pier and BB restau	rant (1/3), between stor	m drain and
		D. H. C. J.	40517000		pomar ome bouret			
4	R	Ballona Creek	40513000	Cadmium (sediment)		High	6.5 Miles	2003
				Cacinain (scament)	Nonnaint/Paint Saures	11.6.	0.5 Miles	2003
				ChemA (tissue)	Nonpoint/Point Source	High	6.5 Miles	2004
					Source Unknown	****	SIG LIMITES	
				Chlordane (tissue)	Doniec Outmoni	High	6.5 Miles	2004
				, ,	Nonpoint/Point Source	G		

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Copper, Dissolved		High	6.5 Miles	2003
			DDT (tissue)	Nonpoint Source	High	6.5 Miles	2004
			Dieldrin (tissue)	Nonpoint/Point Source	High	6.5 Miles	2004
			Enteric Viruses	Nonpoint/Point Source	High	6.5 Miles	2003
			High Coliform Count	Nonpoint/Point Source	High	6.5 Miles	2003
			Lead, Dissolved	Nonpoint/Point Source			
				Nonpoint Source	High	6.5 Miles	2003
		·	PCBs (tissue)	Nonpoint/Point Source	High	6.5 Miles	2004
			рН	Urban Runoff/Storm Sewers	Low	6.5 Miles	
			Sediment Toxicity	Nonpoint Source	High	6.5 Miles	2004
			Selenium, Total	Nonpoint/Point Source	Low	6.5 Miles	
				Urban Runoff/Storm Sewers Nonpoint Source			
			Silver (sediment)	Nonpoint Source	High	6.5 Miles	2003
			Toxicity	Nonpoint/Point Source	High	6.5 Miles	2003
			Zinc, Dissolved	Urban Runoff/Storm Sewers	Low	6.5 Miles	
				Nonpoint Source			
4 R B	Ballona Creek Estuary	40513000	Chlordane (tissue & sediment)		High	2.3 Miles	2004
			DDT (sediment)	Nonpoint/Point Source	High	2.3 Miles	2004
			High Coliform Count	Nonpoint/Point Source	High	2.3 Miles	2003
			Lead (sediment)	Nonpoint/Point Source	High	2.3 Miles	2003
				Nonpoint/Point Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	-	· •		PAHs (sediment)		Low	2.3 Miles	
				PCBs (tissue & sediment)	Nonpoint/Point Source	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	N 1.0	Low	315 Acres	
				Habitat alterations	Nonpoint Source	Low	315 Acres	
				Hydromodification	Nonpoint Source	Low	315 Acres	
				Reduced Tidal Flushing	Nonpoint Source	Low	315 Acres	
				Trash	Nonpoint Source	Low	315 Acres	
					Nonpoint Source			
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	· DDT. Nonpoint Source			
				High Coliform Count	Nonpoint Source	High	0.74 Miles	2002
٠				PCBs Fish Consumption Advisory fo	•	Low	0.74 Miles	
				Consumption Haviday Jo	Nonpoint Source			
4	c	Bluff Cove Beach	40511000	Beach Closures		High	0.55 Miles	2002
				Death Clusuies	Nonpoint Source	ngu	v.55 wiles	2002

October 15, 2002

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

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT		Low	0.55 Miles	
				Fish Consumption Advisory for	DDT.			
					Nonpoint Source	_		
				PCBs	D.C.D.	Low	0.55 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source			
4	R	Brown Barranca/Long Canyon	40321000				A (NET)	****
				Nitrate and Nitrite		High	2.6 Miles	2003
					Nonpoint Source			
4	R	Burbank Western Channel	40521000					
				Algae		High	13 Miles	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			
4	C	Cabrillo Beach (Inner) LA Harbor Area	40512000					
-	_	,		Beach Closures (Coliform)		High	0.56 Miles	2002
					Nonpoint Source			
				DDT	•	Medium	0.56 Miles	
				Fish consumption advisory for	· DDT.			
					Nonpoint Source			
				PCBs		Medium	0.56 Miles	
				Fish consumption advisory for				
					Nonpoint Source			
4	C	Cabrillo Beach (Outer)	40512000					
				Beach Closures		High	0.58 Miles	2002
					Nonpoint Source			
				DDT		Low	0.58 Miles	
				Fish consumption advisory for				
				High Coliform Count	Nonpoint Source	High	0.58 Miles	2002
				High Coliform Count	N	High	0.50 Miles	2002
					Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		Low	0.58 Miles	
				Fish consumption advisory for	PCBs.			
					Nonpoint Source			
4	E	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	40311000					
				Chlordane (tissue)		Medium	344 Acres	
					Nonpoint Source			
				Copper	•	Medium	344 Acres	
					Nonpoint/Point Source			
				DDT (tissue & sediment)	Tronpositor office Boards	Medium	344 Acres	
				· · ·	Nonpoint Source			
				Endosulfan (tissue)	Nonpoint Source	Medium	344 Acres	
				Zadosanza (ussae)	Name and Comme	Wiediaii	S TV Tieres	
				Mercury	Nonpoint Source	Medium	344 Acres	
				Weitury	N	Wiedium	J44 Acres	
				NI - I - I	Nonpoint/Point Source	Madian	244	
				Nickel		Medium	344 Acres	0
				***	Nonpoint/Point Source	*** .	244	****
				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	40312000					
•	N.	Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	40312000					
		•		Ammonia		High	4.3 Miles	2002
					Nonpoint/Point Source	-		
*			*	ChemA (tissue)		Medium	4.3 Miles	
				Historical use of pesticides and	d lubricants.			
					Nonpoint Source			
				Chlordane (tissue)		Medium	4.3 Miles	
					Nonpoint Source			
					-			

October 15, 2002

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Copper, Dissolved		Low	4.3 Miles	
			DDT (tissue & sediment)	Nonpoint Source	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				
			Nitrogen	Nonpoint/Point Source	High	4.3 Miles	2002
			rviu ogen	Nonpoint/Point Source	Mg.	4.5 Wiles	2002
			PCBs (tissue)	Nonpointer out Source	Medium	4.3 Miles	
				Nonpoint/Point Source			
			Sediment Toxicity	. (onponio: oni: 202122	Medium	4.3 Miles	
			•	Nonpoint/Point Source			
			Sedimentation/Siltation	•	Low	4.3 Miles	
				Agriculture Natural Sources			
			Toxaphene (tissue & sediment))	Low	4.3 Miles	
				Nonpoint Source			
4 R	Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	40312000					o
	,		Chloride		High	3.5 Miles	2002
				Nonpoint/Point Source			
			Nitrate and Nitrite		High	3.5 Miles	2002
				Nonpoint/Point Source			
			Sedimentation/Siltation		Low	3.5 Miles	
				Agriculture			
			Total Dissolved Solids	Natural Sources	High	3.5 Miles	2003
			I otal Dissolved Solids	Name in Al Daine Course	rign	5.5 Miles	2003
				Nonpoint/Point Source			
4 R	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	40311000					
			Algae		High	7.2 Miles	2002
				Nonpoint Source			





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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			ChemA (tissue)		Medium	7.2 Miles	
			Historical use of pesticides and l	lubricants.			
				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)	pomi source	Medium	7.2 Miles	
			,	Nonpoint Source			
			Endosulfan (tissue & sediment)	Nonpoint Bout CC	Medium	7.2 Miles	
			Zindosaman (ussae as seamient)	Nonpoint Source		712 172100	
			Fecal Coliform	Nonpoint Source	Low	7.2 Miles	
			recar comorm	No. of AMEL ACTION	2011	7.2 WHC3	
			Blitmate on Blitmate (BIO2)	Nonpoint/Point Source	I am	7.2 Miles	
			Nitrate as Nitrate (NO3)		Low	7.2 Willes	
			****	Nonpoint/Point Source	TT*-1	7.2 NO	2002
			Nitrogen		High	7.2 Miles	2002
				Nonpoint Source			
			PCBs (tissue)		Medium	7.2 Miles	
				Nonpoint Source			
	•		Sedimentation/Siltation		Low	7.2 Miles	
				Agriculture			
				Natural Sources			
			Selenium		Medium	7.2 Miles	
				Nonpoint Source			
			Toxaphene (tissue & sediment)		Medium	7.2 Miles	
				Nonpoint Source			
			Toxicity		High	7.2 Miles	2004
				Nonpoint Source			
			Trash	•	Low	7.2 Miles	
	•			Nonpoint Source			
4 R	Calleguas Creek Reach 5 (was Beardsley	40311000					
	Channel on 1998 303d list)		Algon		High	4.3 Miles	2002
			Algae	Name alex Co.	rugu	4.5 Miles	2002
			Cham A (tiggue)	Nonpoint Source	Madi	4.2 B#3	
			ChemA (tissue)		Medium	4.3 Miles	
	•			Nonpoint Source			
		•					

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REGION TYPE	NAME .	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Chlordane (tissue & sediment)		Medium	4.3 Miles	
				Nonpoint Source			
			Chlorpyrifos (tissue)		High	4.3 Miles	2003
				Nonpoint Source			
			Dacthal (sediment)		Medium	4.3 Miles	
			DDT (days 6 11 a A	Nonpoint Source			
			DDT (tissue & sediment)	N 1.0	Medium	4.3 Miles	
			Dieldrin (tissue)	Nonpoint Source	Medium	4.3 Miles	
	•		Dictaria (ussue)	Nonpoint Source	Mediani	4.5 Wiles	
			Endosulfan (tissue & sediment)	Nonpoint Source	Medium	4.3 Miles	
			,	Nonpoint Source			
			Nitrogen	•	High	4.3 Miles	2002
				Nonpoint Source			
	,		PCBs (tissue)		Medium	4.3 Miles	
				Nonpoint Source			
			Sedimentation/Siltation		Low	4.3 Miles	
				Agriculture Natural Sources			
			Toxaphene (tissue & sediment)	Natural Sources	Medium	4.3 Miles	
			,,	Nonpoint Source			
			Toxicity		High	4.3 Miles	2004
				Nonpoint Source			
			Trash		Low	4.3 Miles	
				Nonpoint Source			
4 R	Calleguas Creek Reach 6 (was Arroyo Las	40362000					
	Posas Reaches 1 and 2 on 1998 303d list)						
			Ammonia		High	15 Miles	2002
			Chloride	Nonpoint/Point Source	High	15 Miles	2002
			Chior luc	Nonpoint/Point Source	mgu	13 Miles	2002
			DDT (sediment)	Nonpoint I out Source	Medium	15 Miles	
			, ,	Nonpoint Source			
			Fecal Coliform	•	Low	15 Miles	
				Nonpoint/Point Source			
			Nitrate and Nitrite		High	15 Miles	2002
				Nonpoint/Point Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	-			Nitrate as Nitrate (NO3)		High	15 Miles	2002
					Nonpoint/Point Source			
				Sedimentation/Siltation		Low	15 Miles	
					Agriculture			
				Sulfates	Natural Sources	High	15 Miles	2003
					Nonpoint/Point Source	•	-	
				Total Dissolved Solids	•	High	15 Miles	2003
					Nonpoint/Point Source			
4	R	Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	40367000					
				Ammonia		High	14 Miles	2002
					Nonpoint/Point Source			**
				Boron	N	High	14 Miles	2003
				Chloride	Nonpoint Source	High	14 Miles	2002
					Nonpoint Source	****	2. 1/21103	2002
				Fecal Coliform		Low	14 Miles	
					Nonpoint Source			
				Organophosphorus Pesticides		Low	14 Miles	
					Municipal Point Sources Agriculture			
				Sedimentation/Siltation	Agriculture	Low	14 Miles	
					Agriculture			
		·			Natural Sources			
				Sulfates		High	14 Miles	2003
				Total Dissolved Solids	Nonpoint Source	High	14 Miles	2003
				1 0.41 Dissuired Stilus	Nonpoint Source	rugn	14 Miles	2003
4	R	Calleguas Creek Reach 8 (was Tapo	40366000		point bout ce			
4	ĸ	Canyon Reach 1)	40300000					
				Boron		High	7.2 Miles	2003
				~	Nonpoint/Point Source			
				Chloride	N	High	7.2 Miles	2002
				Sedimentation/Siltation	Nonpoint/Point Source	Low	7.2 Miles	
					Nonpoint Source	2011	1711163	

October 15, 2002 DRAFT

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sulfates		High	· 7.2 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	7.2 Miles	2003
					Nonpoint/Point Source			
4	D	Collegues Creek Book 94 (was lower part	40312000		•			
4	R	Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	40312000	Algon		Uiah	1.7 Miles	2002
				Algae	N	High	1.7 WHIES	2002
				Cham A (tiosus)	Nonpoint/Point Source	Low	1.7 Miles	
				ChemA (tissue)		Low	1.7 Miles	
				DDT (tissue)	Nonpoint Source	Low	1.7 Miles	
				ועט (נוסאוני)	Name of the Course	Low	1.7 WHIES	
				Endosulfan (tissue)	Nonpoint Source	Low	1.7 Miles	
				Endosunan (ussue)	N	LOW	1.7 Miles	
				Fecal Coliform	Nonpoint Source	Low	1.7 Miles	
				recai Comorni	N	LOW	1.7 Willes	
			•	Nitrate as Nitrate (NO3)	Nonpoint/Point Source	Low	1.7 Miles	
				Mirate as Mirate (NOS)	Noneciat/Daint Course	Low	1.7 Miles	
				Nitrate as Nitrogen	Nonpoint/Point Source	Low	1.7 Miles	
				Mirate as Miragen	Nonnaint/Daint Course	Dow	1.7 Willes	
				Nitrite as Nitrogen	Nonpoint/Point Source	Low	1.7 Miles	
	•			With the district of the	Nonpoint/Point Source	Low	iii iiiii	
				Sedimentation/Siltation	Nonpoint/Point Source	Low	1.7 Miles	
				Sedimentation/Situation	Agriculture	LOW	1.7 (VIIICS	
					Agriculture Natural Sources			
				Sulfates	ar Dourtes	High	1.7 Miles	2003
				-·	Nonpoint/Point Source			-
				Total Dissolved Solids	pomor omt bouree	High	1.7 Miles	2003
					Nonpoint/Point Source			* ***
				Toxaphene (tissue & sediment)	pomer one boarec	Medium	1.7 Miles	
				,	Nonpoint Source			
	_				Nonpoint Source			
4	R	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	40363000					
		•		Algae		High	6.2 Miles	2002
					Nonpoint/Point Source	-		
				Ammonia	-	High	6.2 Miles	2002
					Nonpoint/Point Source	_		
					-			



REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			ChemA (tissue)		Low	6.2 Miles	
			Chloride	Nonpoint Source	High	6.2 Miles	2002
				Nonpoint/Point Source			
			DDT (tissue)		Low	6.2 Miles	
			P. 1 . 16 . (diama)	Nonpoint Source	1	63 Mil	
			Endosulfan (tissue)	Nonpoint Source	Low	6.2 Miles	
			Fecal Coliform	Nonpoint Source	Low	6.2 Miles	
				Nonpoint/Point Source			
			Sedimentation/Siltation		Low	6.2 Miles	
				Agriculture Natural Sources			
			Sulfates		High	6.2 Miles	2003
			Total Dissolved Solids	Nonpoint/Point Source	High	6.2 Miles	2003
			m . (1)	Nonpoint/Point Source	16 "	(a	
			Toxaphene (tissue & sediment)	Nonnaint Caumas	Medium	6.2 Miles	
			Toxicity	Nonpoint Source	High	6.2 Miles	2004
			·	Nonpoint/Point Source	-		
4 R	Calleguas Creek Reach 10 (Conejo Creek (Hill Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo	40364000					
	Crk/Arroyo Conejo N Fk on 1998 303d list)		Allera		Hick	3 Miles	2002
			Algae	Nonnaint/Paint Sauras	High	3 Willes	2002
			Ammonia	Nonpoint/Point Source	High	3 Miles	2002
				Nonpoint/Point Source	- C		
			ChemA (tissue)		Medium	3 Miles	
				Nonpoint Source	.		
			Chloride		High	3 Miles	2002
			DDT (tissue)	Nonpoint/Point Source	Medium	3 Miles	
			(enough)	Nonpoint Source		2	
			Endosulfan (tissue)		Medium	3 Miles	
			Fecal Coliform	Nonpoint Source	Low	3 Miles	
				Nonpoint Source			

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REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Nitrite as Nitrogen		Low	3 Miles	
			Sedimentation/Siltation	Nonpoint/Point Source	Low	3 Miles	
				Agriculture Natural Sources			
			Sulfates	Nonpoint Source	High	3 Miles	2003
			Total Dissolved Solids	ronpoint gource	High	3 Miles	2003
			Toxaphene (tissue & sediment)	Nonpoint/Point Source	Medium	3 Miles	
			•	Nonpoint Source			
			Toxicity	Nonpoint/Point Source	High	3 Miles	2004
4 R	Calleguas Creek Reach 11 (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	
			Sulfates	Agriculture Natural Sources	High	8.7 Miles	2003
				Nonpoint/Point Source	_		
			Total Dissolved Solids	Nonpoint/Point Source	High	8.7 Miles	2003
			Toxaphene (tissue & sediment)	Nonpoint/Point Source	Medium	8.7 Miles	
			Toxicity	•	High	8.7 Miles	2004
			00	Nonpoint/Point Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)	40364000	···				
				Ammonia		High	5.5 Miles	2002
					Nonpoint/Point Source			
				Chlordane (tissue)		Medium	5.5 Miles	
					Nonpoint Source			
				DDT (tissue)		Medium	5.5 Miles	
				C-1:	Nonpoint Source	T	65 Miles	
				Sedimentation/Siltation	A must a collection	Low	5.5 Miles	
					Agriculture Natural Sources			
				Sulfates		High	5.5 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		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					
				Algae		High	17 Miles	2002
					Nonpoint/Point Source			
				Ammonia		High	17 Miles	2002
				Chara A (diama)	Nonpoint/Point Source	Madia	17 161	
				ChemA (tissue)	No	Medium	17 Miles	
				Chlordane (tissue)	Nonpoint Source	Low	17 Miles	
				Historical use of pesticides and	d lubricants.			
					Nonpoint Source			
				Chloride		High	17 Miles	2002
				DDT (Com)	Nonpoint/Point Source	\$4.25	15 347	•
				DDT (tissue)	No	Medium	17 Miles	
				Dieldrin (tissue)	Nonpoint Source	Low	17 Miles	
				Historical use of pesticides and	d lubricants.	2011	17 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Medium	17 Miles	
				Havashlanası-l-b//YOV	Nonpoint Source	•	17 320	
				Hexachlorocyclohexane/HCH Historical use of pesticide and	lubricants.	Low	17 Miles	
				of positions and	Nonpoint Source			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (tissue)		Low	17 Miles	
				Historical use of pesticides and				
					Nonpoint Source	_		
				Sedimentation/Siltation		Low	17 Miles	
					Agriculture			
				C 15-4	Natural Sources	¶¥:_£	17 342	2002
				Sulfates		High	17 Miles	2003
				Track Discolard Calida	Nonpoint/Point Source	IIimb	17 3/0	2002
				Total Dissolved Solids		High	17 Miles	2003
				m 1 (4) 0 12 0	Nonpoint/Point Source	N# - 31	17 350	
				Toxaphene (tissue & sediment)		Medium	17 Miles	
				Towisite	Nonpoint Source	U:~L	17 R#21	2004
				Toxicity		High	17 Miles	4004
					Nonpoint/Point Source			
4	R	Canada Larga (Ventura River Watershed)	40210010					
				Fecal Coliform		Low	8 Miles	
				Horse stables, land use, cattle,				
				Low Dissolved Oxygen	Nonpoint Source	Low	8 Miles	
				Don Dissorted Oxygen	Nonpoint Source	2011	o miles	
					rionpoint source			
4	С	Carbon Beach	40416000	Decel Classes		Uiah	1 5 359	2002
				Beach Closures		High	1.5 Miles	2002
				DDT	Nonpoint Source	T	1 E Mil	
				DDT Fish consumption advisory for	DDT	Low	1.5 Miles	
				Fish consumption advisory for	Nonpoint Source			
				PCBs	1.onpoint Doutee	Low	1.5 Miles	
				Fish consumption advisory for	PCBs.		2.2 2.300	
				. , , , , ,	Nonpoint Source			
1	С	Castlerock Beach	40513000		-			
4	C	Casher UCK DEACH	40212000	Bacteria Indicators		Low	0.21 Miles	
					Nonpoint/Point Source			
				Beach Closures	1.0. point i omi boutee	High	0.21 Miles	2002
					Nonpoint Source	8		
				DDT		Low	0.21 Miles	
				Fish Consumption Advisory fo	r DDT.			
					Nonpoint Source			





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REGION TY	PE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	-			PCBs		Low	0.21 Miles	
				Fish Consumption Advisory for	PCBs.			
					Nonpoint Source			
4 B	(Channel Islands Harbor	40311000					
				Lead (sediment)		Medium	209 Acres	
					Nonpoint Source			
				Zinc (sediment)		Medium	209 Acres	
					Nonpoint Source	•		
4 C	(Channel Islands Harbor Beach	40311000					
				Bacteria Indicators		Low	0.08 Miles	
					Nonpoint/Point Source			
4 T	(Colorado Lagoon	40512000		·			
• •	`	2000 Late Dagoon	40312000	Chlordane (tissue & sediment)		Medium	13 Acres	
					Nonpoint Source			
				DDT (tissue)	•	Medium	13 Acres	
					Nonpoint Source			
				Dieldrin (tissue)		Medium	13 Acres	
					Nonpoint Source			
				Lead (sediment)		Medium	13 Acres	
					Nonpoint Source			
				PAHs (sediment)	•	Medium	13 Acres	
					Nonpoint Source			
				PCBs (tissue)		Medium	13 Acres	
				0.11	Nonpoint Source	36.15	12 4	
				Sediment Toxicity		Medium	13 Acres	
				Zinc (sediment)	Nonpoint Source	Medium	13 Acres	
				Zine (seament)	Name aim & Course	Wedium	13 Acres	
					Nonpoint Source			
4 R	. (Compton Creek	40515010	C		TT:-1.	0.5 3511	3003
				Copper		High	8.5 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	8.5 Miles	2002
				righ Comorni Count	Nannaint/Paint Carres	mari	o.5 Willes	2002
				Lead	Nonpoint/Point Source	High	8.5 Miles	2003
					Nonpoint/Point Source	***B**	JIO WHIES	2005
				рН	poinux ome Doutte	High	8.5 Miles	2002
				•	Nonpoint/Point Source	8		
					·			

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





REGION T	ГҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
		······································		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	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)	Nonpoint/Point Source	Medium	6.7 Miles	
				Zinc (sediment)	Nonpoint/Point Source	Low	6.7 Miles	·
	Б	Dente Clark	40.000		Nonpoint/Point Source			
4	R	Dominguez Channel (Estuary to Vermont)	40512000	Aldrin (tissue)		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 Nonpoint/Point Source	High	8.3 Miles	2002
					nonpointeront Source			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				PAHs (sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				PCBs (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Zinc (sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			
4	R	Dry Canyon Creek	40521000					
				Fecal Coliform		Low	3.9 Miles	
					Urban Runoff/Storm Sewers			
				Colonium Total	Natural Sources	T and	20 Miles	
				Selenium, Total	N 1.0	Low	3.9 Miles	
					Nonpoint Source			
4	R	Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	40311000					
				ChemA (tissue)		Medium	12 Miles	
				At Drain No. 2. Historical use	of pesticides. Nonpoint Source			
				Chlordane (tissue)	Nonpoint Source	Medium	12 Miles	
				At drain No. 3			12 (11110)	
					Nonpoint Source			
				DDT (tissue & sediment)		Medium	12 Miles	
				At drain No. 4				
				Nitrogen	Nonpoint Source	High	12 Miles	2002
				At drain No. 2		mgn	12 1411165	2002
					Nonpoint Source			
				Sediment Toxicity	•	Medium	12 Miles	
				At drain No. 5				
					Nonpoint Source			
				Toxaphene (tissue) At drain No. 6.		Medium	12 Miles	
				At arain No. 0.	Nonpoint Source			
				Toxicity	1.onpoint Dout ee	High	12 Miles	2004
				At drain No. 2		Ū		
					Nonpoint Source			
4	L	Echo Park Lake	40515010	•				
				Algae		Low	13 Acres	
					Nonpoint Source			





REGION TYPI	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Ammonia		Low	13 Acres	
			Copper	Nonpoint Source	Low	13 Acres	
			Eutrophic	Nonpoint Source	Low	13 Acres	
			Lead	Nonpoint Source	Low	13 Acres	
			Odors	Nonpoint Source	Low	13 Acres	
			PCBs (tissue)	Nonpoint Source	Low	13 Acres	
		•	рН	Nonpoint Source	Low	13 Acres	
4 L	El Dorado Lakes	40515010		Nonpoint Source			
→ L	D. Doland Pakes	4001004	Algae	Nonpoint Source	Medium	35 Acres	
			Ammonia	Nonpoint Source	Medium	35 Acres	
			Copper		Medium	35 Acres	
			Eutrophic	Nonpoint Source	Medium	35 Acres	
			Lead	Nonpoint Source	Medium	35 Acres	
			Mercury (tissue)	Nonpoint Source	Medium	35 Acres	
			рН	Nonpoint Source	Medium	35 Acres	
4 L	Elizabeth Lake	40351000		Nonpoint Source			
			Eutrophic	Nonpoint Source	Medium	123 Acres	
			Organic Enrichment/Low Disso		Medium	123 Acres	•
			рН	Nonpoint Source	Medium	123 Acres	
			Trash	Nonpoint Source	Medium	123 Acres	

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	С	Escondido Beach	40434000					
				Beach Closures		High	1.2 Miles	2002
					Nonpoint Source			
				DDT		Low	1.2 Miles	
				Fish consumption advisory for				
				PCBs	Nonpoint Source	Low	1.2 Miles	
				Fish consumption advisory for	PCRs	Low	1.2 Willes	
				i un concumpation un mong jer	Nonpoint Source			
4	С	Flat Rock Point Beach Area	40511000		•			
·	Ŭ	The Rock I om Beach	40511000	Beach Closures		High	0.11 Miles	2002
					Nonpoint Source	•		
				DDT		Low	0.11 Miles	
				Fish Consumption Advisory for	DDT.			
					Nonpoint Source			
				PCBs		Low	0.11 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source			
4	R	Fox Barranca (tributary to Calleguas Creek Reach 6)	40362000					
		Reach O)		Boron		High	6.7 Miles	2003
					Nonpoint Source		*** ***	2000
				Nitrate and Nitrite	Nonpoliti Source	High	6.7 Miles	2002
					Nonpoint Source	3		
				Sulfates		High	6.7 Miles	2003
					Nonpoint Source	_		
				Total Dissolved Solids	•	High	6.7 Miles	2003
					Nonpoint Source			
4	С	Hermosa Beach	40512000					
-	Č	nemosa beach	40312000	Beach Closures		High	2 Miles	2002
					Nonpoint Source	9		
4	_	Habia Baach (Channel Islanda Hankan)	40311000					
4	С	Hobie Beach (Channel Islands Harbor)	40311000	Bacteria Indicators		Low	0.06 Miles	
				Dacteria moreators	Nonpoint/Point Source	2011	0.00 1411163	
	_			•	Manhamar autr Source			
4	R	Hopper Creek	40341000	Sulfates		f	12 B#21	
				ounates	None in 4/Pain 4 Course	Low	13 Miles	
					Nonpoint/Point Source			





CALWATER MARIENIE OLILUTANTSTRESSOR POTENTIAL DIA SETIMATE PROPOSED HODE MODES									DRAFI
Nonpoint Source Nonpoint Source Fight Nonpoint Source Fight Nonpoint Source Nonpoint Source Fight Nonpoint Source Nonp	REGION	ТҮРЕ	NAME		POLLUTANT/STRESSOR*				
	<u> </u>				Total Dissolved Solids	· · · · · · · · · · · · · · · · · · ·	Low	13 Miles	
						Nonpoint/Point Source			
Reach Closures		_	Tourist District	40511000					
Nonpoint Source	4	C	Inspiration Point Beach	40511000	Reach Clasures		High	0 14 Miles	2002
DDT					Deach Closures	N	Mgu	0.14 Miles	2002
Fish Consumption Advisory for DDT Nonpoint Source PCBs					DDT	Nonpoint Source	Low	0 14 Milas	
Nonpoint Source Nonpoint S						· DDT	Low	0.14 Miles	
PCB					1 isi Consumption nurvisory for			,	
Nonpoint Source Nonpoint S					PCBs	•	Low	0.14 Miles	
A C La Costa Beach 40416000 Beach Closures High 0.74 Miles 2002					Fish Consumption Advisroy for	PCBs.			
Reach Closures						Nonpoint Source			
Reach Closures	4	С	La Costa Beach	40416000					
DDT					Beach Closures		High	0.74 Miles	2002
DDT						Nonpoint Source			
Nonpoint Source PCBs					DDT	•	Low	0.74 Miles	
PCBs					Fish Consumption Advisory for	· DDT.			
A						Nonpoint Source			
A L Lake Calabasas							Low	0.74 Miles	
A					Fish Consumption Advisory for				
Ammonia						Nonpoint Source			
Nonpoint Source DDT (tissue) Low 18 Acres	4	L	Lake Calabasas	40521000					
DDT (tissue) DDT (tissue) Low 18 Acres					Аттопіа		Low	18 Acres	
Nonpoint Source Eutrophic Low 18 Acres Nonpoint Source Nonpoint Source Odors Low 18 Acres Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Low 18 Acres Nonpoint Source PH Nonpoint Source PH Nonpoint Source Nonpoint Source PH Nonpoint Source A L Lake Hughes 40351000 Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres						Nonpoint Source		_	
Eutrophic Low 18 Acres Nonpoint Source Odors Low 18 Acres Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Low 18 Acres Nonpoint Source pH Low 18 Acres Nonpoint Source 1 Low 18 Acres Nonpoint Source Algae Medium 21 Acres Nonpoint Source Nonpoint Source Medium 21 Acres Eutrophic Eutrophic Medium 21 Acres					DDT (tissue)		Low	18 Acres	
Nonpoint Source Odors Low 18 Acres Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Low 18 Acres Nonpoint Source pH Nonpoint Source pH Nonpoint Source Low 18 Acres Nonpoint Source pH Nonpoint Source Algae Nonpoint Source Nonpoint Source Eutrophic Nonpoint Source Nonpoint Source Nonpoint Source Algae Nedium 21 Acres Nonpoint Source						Nonpoint Source			
Odors Low 18 Acres Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Low 18 Acres Nonpoint Source pH Low 18 Acres Nonpoint Source Nonpoint Source 4 L Lake Hughes 40351000 Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres					Eutrophic		Low	18 Acres	
Nonpoint Source Organic Enrichment/Low Dissolved Oxygen Low 18 Acres Nonpoint Source pH Low 18 Acres Nonpoint Source Nonpoint Source 4 L Lake Hughes Algae Algae Nonpoint Source Algae Nonpoint Source Eutrophic Nonpoint Source Acres						Nonpoint Source			
Organic Enrichment/Low Dissolved Oxygen Low 18 Acres Nonpoint Source pH Low 18 Acres Nonpoint Source Nonpoint Source 4 L Lake Hughes Algae Algae Nonpoint Source Nonpoint Source Eutrophic Medium 21 Acres					Odors		Low	18 Acres	
Nonpoint Source pH Low 18 Acres Nonpoint Source Volume 18 Acres Nonpoint Source 4 L Lake Hughes 40351000 Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres									
pH Low 18 Acres Nonpoint Source 4 L Lake Hughes 40351000 Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres					Organic Enrichment/Low Diss	olved Oxygen	Low	18 Acres	
Nonpoint Source 4 L Lake Hughes 40351000 Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres						Nonpoint Source			
4 L Lake Hughes 40351000 Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres					рН		Low	18 Acres	
Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres						Nonpoint Source			
Algae Medium 21 Acres Nonpoint Source Eutrophic Medium 21 Acres	4	L	Lake Hughes	40351000					
Eutrophic Medium 21 Acres			-		Algae		Medium	21 Acres	
·						Nonpoint Source			
Nonpoint Source					Eutrophic		Medium	21 Acres	
						Nonpoint Source			

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REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Fish Kills		Medium	21 Acres	
				Nonpoint Source			
			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	
			Chioriae	Nonpoint Source	Low	15 Acres	
			Eutrophic	Nonpoliti Source	High	15 Acres	2002
				Nonpoint Source			
			Odors		High	15 Acres	2002
			Specific conductivity	Nonpoint Source	Low	15 Acres	
			- F	Nonpoint Source			
			Trash	-	Medium	15 Acres	
				Nonpoint Source			
4 L	Lake Sherwood	40426000			*** •		****
			Algae	Nonpoint Source	High	135 Acres	2002
			Ammonia	Nonpoint Source	High	135 Acres	2002
				Nonpoint Source			
			Eutrophic		High	135 Acres	2002
			Mercury (tissue)	Nonpoint Source	Medium	135 Acres	
			Mercury (dissue)	Nonpoint Source	Mediuni	133 Acres	
			Organic Enrichment/Low Diss		High	135 Acres	2002
				Nonpoint Source			
4 C	Las Flores Beach	40415000					
			DDT Fish Consumption Advisory fo	r DDT	Low	1.1 Miles	
			. isn consumption nuvisory jo	Nonpoint Source			
			High Coliform Count		High	1.1 Miles	2002
				Nonpoint Source			





			<u></u>				DIVALI
REGION TYP	'E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
<u> </u>	<u> </u>		PCBs		Low	1.1 Miles	
			Fish Consumption Advisory for	r PCBs.			
				Nonpoint Source			
4 C	Las Tunas Beach	40412000					
7 0	Das Tunas Deach	40412000	Beach Closures		High	1.2 Miles	2002
			peren coordinates	Nonpoint Source	****	112 112465	2002
			DDT	Nonpoint Source	Low	1.2 Miles	
			Fish Consumption Advisory for	- NNT	Luw	1.2 Willes	
			Tish Consumption Advisory Jor	Nonpoint Source			
			PCBs	Nonpolit Bour CC	Low	1.2 Miles	
			Fish Consumption Advisory for	r PCRs	20	THE THIES	
			Tien consumption in the conjugation	Nonpoint Source			
4		10.400010					
4 R	Las Virgenes Cre	ek 40422010	High Coliforn Count		III.a.	12 360	2002
			High Coliform Count		High	12 Miles	2002
				Nonpoint Source	•		
			Nutrients (Algae)		High	12 Miles	2002
				Nonpoint Source			
			Organic Enrichment/Low Diss	olved Oxygen	High	12 Miles	2002
				Nonpoint Source			
			Scum/Foam-unnatural		High	12 Miles	2002
				Nonpoint Source			
			Sedimentation/Siltation		Low	12 Miles	
				Source Unknown			
			Selenium		Medium	12 Miles	
				Nonpoint Source			
			Trash	-	Medium	12 Miles	
				Nonpoint Source			
				Nonpoint Source			
4 L	Legg Lake	40531000			25		
			Ammonia		Medium	25 Acres	
				Nonpoint Source			
			Copper		Medium	25 Acres	
				Nonpoint Source			
			Lead		Medium	25 Acres	
				Nonpoint Source			
			Odors		Medium	25 Acres	
				Nonpoint Source			
			рН		Medium	25 Acres	
				Nonpoint Source			
				-			

October 15, 2002

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trash		Low	25 Acres	
					Nonpoint Source			
4	C	Leo Carillo Beach (South of County Line)	40444000					
				Beach Closures		High	1.8 Miles	2002
				High Coliform Count	Nonpoint Source	Uiah	1.8 Miles	2002
				Aiga Comorai Count	Nonpoint Source	High	1.6 Willes	2002
		Linealer Book Lake	40515010		Nonpolite Source			
4	L	Lincoln Park Lake	40515010	Ammonia		Low	3.8 Acres	
					Nonpoint Source			
				Eutrophic		Low	3.8 Acres	
					Nonpoint Source	-	20.	
				Lead	Name int Course	Low	3.8 Acres	
				Odors	Nonpoint Source	Low	3.8 Acres	•
					Nonpoint Source			
				Organic Enrichment/Low Diss	solved Oxygen	Low	3.8 Acres	
					Nonpoint Source			
4	R	Lindero Creek Reach 1	40423000			*** •	. 141	2002
				Algae	Name int Carras	High	3 Miles	2002
				High Coliform Count	Nonpoint Source	High	3 Miles	2002
				3	Nonpoint Source	Ü		
				Scum/Foam-unnatural		High	3 Miles	2002
					Nonpoint Source			
				Selenium	N	Medium	3 Miles	
				Trash	Nonpoint Source	Medium	3 Miles	
					Nonpoint Source		•	
4	R	Lindero Creek Reach 2 (Above Lake)	40425000		•			
•				Algae		High	4.5 Miles	2002
				·	Nonpoint Source			
				High Coliform Count		High	4.5 Miles	2002
				Scum/Foam-unnatural	Nonpoint Source	High	4.5 Miles	2002
				ocum i vani-unitatui di	Nonpoint Source	11.51	4.5 Miles	2002





		,	CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
				Selenium		Medium	4.5 Miles	
					Nonpoint Source			
				Trash		Medium	4.5 Miles	
					Nonpoint Source			
4	В	Long Beach Harbor Main Channel, SE, W	40518000					
		Basin, Pier J, Breakwater						
				Benthic Community Effects		Medium	1076 Acres	
				ppm (t.	Nonpoint Source		1000	
				DDT (tissue) Fish Consumption Advisory.		Medium	1076 Acres	
				Fish Consumption Advisory.	Nonpoint Source			
				PAHs (sediment)	F	Medium	1076 Acres	
					Nonpoint Source			
				PCBs (tissue)	•	Medium	1076 Acres	
				Fish Consumption Advisory.				
				0.11 .75 .11	Nonpoint Source		4076	
				Sediment Toxicity		Medium	1076 Acres	
					Nonpoint Source			
4	С	Long Point Beach	40511000	D.D.W.		_		
				DDT Fish Consumption Advisory for	. DDT	Low	0.7 Miles	
				rish Consumption Advisory Joi	Nonpoint Source			
				High Coliform Count	pomroour co	High	0.7 Miles	2002
				•	Nonpoint Source			
				PCBs		Low	0.7 Miles	
				Fish Consumption Advisory for	r PCBs.			
					Nonpoint Source			
4	В	Los Angeles Fish Harbor	40518000					
				DDT		Medium	34 Acres	
					Nonpoint Source	•		
				PAHs		Medium	34 Acres	
					Nonpoint Source			
				PCBs		Medium	34 Acres	
		•			Nonpoint Source			
4	В	Los Angeles Harbor Consolidated Slip	40512000					
				Benthic Community Effects		Medium	36 Acres	
					Nonpoint Source			

October 15, 2002

DRAFT

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Cadmium (sediment)	<u></u> -	Low	36 Acres	
			Historical use of pesticides an	d lubricants, stormwater runo	ff, aerial deposition, ar	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	r DDT.			
				Nonpoint Source			
			Dieldrin (tissue)		Low	36 Acres	
			Historical use of pesticides an	d lubricants, stormwater runo Nonpoint Source	ff, aerial deposition, a	nd historical discharges	for metals.
			Lead (sediment)		Medium	36 Acres	
				Nonpoint Source			
			Mercury (sediment)	•	Low	36 Acres	
			Historical use of pesticides an	d lubricants, stormwater runo	ff, aerial deposition, a	nd historical discharges	for metals.
				Nonpoint Source			
			PAHs (sediment)		Medium	36 Acres	
				Nonpoint Source			
			PCBs (tissue & sediment)		Medium	36 Acres	
			Fish Consumption Advisory fo	or PCBs.			
				Nonpoint Source			
	·		Sediment Toxicity		Medium	36 Acres	
				Nonpoint Source			
			Zinc (sediment)		Medium	36 Acres	
			Historical use of pesticides an	nd lubricants, stormwater rund Nonpoint Source	off, aerial deposition, a	nd historical discharges	for metals.
4 B Los	s Angeles Harbor Inner Breakwater	40512000					
4 D L09	2 Wilderes Hathor Timer Dreakwater	40312000	DDT		Medium	74 Acres	
			~~.	Nonpoint Source			
			PAHs	Nonpoint Source	Medium	74 Acres	
			i Alla	N	iviculuili	77 Acies	
			non-	Nonpoint Source	Madir	74 4	
			PCBs		Medium	74 Acres	
				Nonpoint Source			





								21012
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	В	Los Angeles Harbor Main Channel	40518000					
•	-			Beach Closures		High	279 Acres	2003
					Nonpoint/Point Source	g		
				Copper (tissue & sediment)	Nonpomor ome Bource	Medium	279 Acres	
				KL (Nonpoint/Point Source			
				DDT (tissue & sediment)	monpomer om source	Medium	279 Acres	
				Fish Consumption Advisory for	· DDT.	1.1culuiii	217 Acres	
				. son Consumption Haristry Jul	Nonpoint/Point Source			
				PAHs (tissue & sediment)		Medium	279 Acres	
				,	Nonpoint/Point Source			
				PCBs (tissue & sediment)	onpoint i omi source	Medium	279 Acres	
				Fish Consumption Advisory for	· PCBs.			
-					Nonpoint/Point Source			
				Sediment Toxicity	•	Medium	279 Acres	
				-	Nonpoint/Point Source			
				Zinc (tissue & sediment)		Medium	279 Acres	
					Nonpoint/Point Source			
					Nonpomer one source			
4	В	Los Angeles Harbor Southwest Slip	40512000	DDT	•	N. 21	(2.1	
				DDT	. DDT	Medium	63 Acres	
				Fish Consumption Advisory for	Nonpoint Source			
				PCBs	Nonpoint Source	Medium	63 Acres	
				Fish Consumption Advisory for	r PCRs	Mediani	05 Acres	
				cogamp.ic.i iiaze.,y jo.	Nonpoint Source			
				Sediment Toxicity	F	Medium	63 Acres	
				·	Nonpoint Source			
					ponte boutee			
4	E	Los Angeles River Estuary (Queensway Bay)	40512000					
				Chlordane (sediment)		Low	261 Acres	
				Historical use of pesticides and				
					Nonpoint Source			
				DDT (sediment)		Low	261 Acres	
				Historical use of pesticides and				
				U and for discount	Nonpoint Source	¥	261 4	
				Lead (sediment)	J. L. L: 4 -	Low	261 Acres	
				Historical use of pesticides and				
				PCBs (sediment)	Nonpoint Source	Low	261 Acres	
				Historical use of pesticides and	d lubricants.	LUW	201 Acres	
				ica. we of pesticiaes and	Nonpoint Source			

October 15, 2002 DRAFT

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc (sediment)		Low	261 Acres	
				Historical use of pesticides and				•
					Nonpoint Source			
4	R	Los Angeles River Reach 1 (Estuary to Carson Street)	40512000					
				Aluminum, Total		Low	3.4 Miles	
					Nonpoint/Point Source			
				Ammonia		High	3.4 Miles	2002
					Nonpoint/Point Source			
				Cadmium, Dissolved		Low	3.4 Miles	
					Nonpoint/Point Source			
				Copper, Dissolved	·	Low	3.4 Miles	
					Nonpoint/Point Source			
				High Coliform Count		High	3.4 Miles	2002
				Land	Nonpoint/Point Source	***. *	2.4.350	
			•	Lead	N	High	3.4 Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	3.4 Miles	2002
				ruments (Algae)	No i / D-i C	niga	5.4 Willes	2002
				рН	Nonpoint/Point Source	High	3.4 Miles	2002
				F**	Nonpoint/Point Source	g.,	5.4 171165	2002
				Scum/Foam-unnatural	Nonpolitation South	High	3.4 Miles	2002
					Nonpoint/Point Source			
				Zinc, Dissolved	pomar om bource	Low	3.4 Miles	
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 2 (Carson to	40515010		•			
•		Figueroa Street)	40313010					
				Ammonia		High	19 Miles	2002
					Nonpoint/Point Source			
				High Coliform Count		High	19 Miles	2002
					Nonpoint/Point Source			
				Lead		High	19 Miles	2003
					Nonpoint/Point Source			
				Nutrients (Algae)		High	19 Miles	2002
				•	Nonpoint/Point Source			
				Odors		High	19 Miles	2002
					Nonpoint/Point Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Oil		Low	19 Miles	
				6	Nonpoint/Point Source			6-5-
				Scum/Foam-unnatural	Nove-t-4/D 1 : 0	High	19 Miles	2002
-	Б	Landardo Di P. 15 mm	jn#**		Nonpoint/Point Source			
4	R	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	40521000					
				Ammonia		High	7.9 Miles	2002
				Blues a CAP 1	Nonpoint/Point Source	,	FA	800-
				Nutrients (Algae)	Nonpoint/Point Source	High	7.9 Miles	2002
				Odors	roupomur omi source	High	7.9 Miles	2002
					Nonpoint/Point Source	-		
				Scum/Foam-unnatural		High	7.9 Miles	2002
			•		Nonpoint/Point Source			
4	R	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	40521000				·	
		. ,		Ammonia		High	11 Miles	2002
				W 1 0 ***	Nonpoint/Point Source			***
				High Coliform Count	Nonnoi-+/Dai-+ C	High	11 Miles	2002
				Lead	Nonpoint/Point Source	High	11 Miles	2003
					Nonpoint/Point Source	_		
	·			Nutrients (Algae)		High	11 Miles	2002
				Odors	Nonpoint/Point Source	High	11 Miles	2002
				Out 3	Nonpoint/Point Source	111git	11 ivilles	2002
				Scum/Foam-unnatural	, and a source	High	11 Miles	2002
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 5 (within	40521000					
		Sepulveda Basin)		Ammonia		High	5.4 Miles	2002
					Nonpoint/Point Source	J	·	
				ChemA (tissue)	-	Medium	5.4 Miles	
		· ·		Nutriants (Almas)	Nonpoint/Point Source	U:~L	£ 4 35"	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	5.4 Miles	2002
				Odors	Omi bouice	High	5.4 Miles	2002
					Nonpoint/Point Source			

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

PROPOSED TMDL CALWATER POTENTIAL **TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES **PRIORITY** SIZE AFFECTED COMPLETION Oil Low 5.4 Miles Nonpoint/Point Source 2002 Scum/Foam-unnatural High 5.4 Miles Nonpoint/Point Source Los Angeles River Reach 6 (Above 40521000 Sepulveda Flood Control Basin) Dichloroethylene/1,1-DCE 7 Miles Low Nonpoint Source **High Coliform Count** High 7 Miles 2002 Nonpoint Source Tetrachloroethylene/PCE 7 Miles Low Nonpoint Source Trichloroethylene/TCE 7 Miles Low Nonpoint Source Los Cerritos Channel 40515010 Ammonia Medium 31 Acres Nonpoint Source Chlordane (sediment) 31 Acres Low Source Unknown Copper Medium 31 Acres Nonpoint Source **High Coliform Count** Medium 31 Acres Nonpoint Source Lead Medium 31 Acres Nonpoint Source Zinc Medium 31 Acres Nonpoint Source 40511000 Lunada Bay Beach **Beach Closures** 0.63 Miles Low Nonpoint Source Machado Lake (Harbor Park Lake) 40512000 Algae Low 45 Acres Nonpoint Source Ammonia Low 45 Acres Nonpoint Source ChemA (tissue) 45 Acres Medium Historical use of pesticides and lubricants. Nonpoint Source





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Chlordane (tissue)		Low	45 Acres	
				Fish Consumption Advisory.				
				DD (1)	Nonpoint Source			
				DDT (tissue)		Low	45 Acres	
				Fish Consumption Advisory.	Nonpoint Source			
				Dieldrin (tissue)	Aonpoint Source	Low	45 Acres	
				· \	Nonpoint Source		,2 120,00	
				Eutrophic	. Composite Source	Low	45 Acres	
				•	Nonpoint Source		201 00	
				Odors	· · · · · · · · · · · · · · · · · · ·	Low	45 Acres	
					Nonpoint Source			
				PCBs (tissue)	₽ -	Low	45 Acres	
					Nonpoint Source			
				Trash	-	Medium	45 Acres	
					Nonpoint Source			
4	C	Malaga Cove Beach	40511000					
				Beach Closures		High	0.39 Miles	2002
					Nonpoint Source			
				DDT		Low	0.39 Miles	
				Fish Consumption Advisory fo				
				PCBs	Nonpoint Source	Low	0.39 Miles	
				Fish Consumption Advisory fo	r PCBs.	LUW	0.37 WHIES	
				2 Comminpuon nuvisory je	Nonpoint Source			
4	L	Malibou Lake	40424000		•			
•	~		VVVF4FVF	Algae		High	40 Acres	2002
				~	Nonpoint Source	9		
				Chlordane (tissue)	L	Low	40 Acres	
				-	Source Unknown			
				Eutrophic		High	40 Acres	2002
					Nonpoint Source			
				Organic Enrichment/Low Dis		High	40 Acres	2002
					Nonpoint Source			
•				PCBs (tissue)		Low	40 Acres	
					Source Unknown			

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

PROPOSED TMDL **CALWATER POTENTIAL TMDL ESTIMATED** POLLUTANT/STRESSOR* REGION TYPE NAME WATERSHED SOURCES **PRIORITY** SIZE AFFECTED COMPLETION 40421000 C Malibu Beach **Beach Closures** 2002 High 0.77 Miles Nonpoint Source DDT Low 0.77 Miles Fish Consumption Advisory for DDT. Nonpoint Source 40421000 Malibu Creek Fish barriers Low 11 Miles **Dam Construction** 2002 **High Coliform Count** High 11 Miles Nonpoint/Point Source 11 Miles 2002 Nutrients (Algae) High Nonpoint/Point Source Scum/Foam-unnatural High 11 Miles 2002 Nonpoint/Point Source Sedimentation/Siltation Low 11 Miles Source Unknown Trash Medium 11 Miles **Nonpoint Source** 40421000 Malibu Lagoon **Benthic Community Effects** 15 Acres Low Nonpoint/Point Source **Enteric Viruses** 15 Acres 2002 High Nonpoint/Point Source Eutrophic High 15 Acres 2002 Nonpoint/Point Source **High Coliform Count** High 15 Acres 2002 Nonpoint/Point Source 15 Acres pН Low Possible sources might be septic systems, storm drains, and birds. Source Unknown Shellfish Harvesting Advisory High 15 Acres 2002 Nonpoint/Point Source **Swimming Restrictions** 15 Acres 2002 High Nonpoint/Point Source Malibu Lagoon Beach (Surfrider) 40421000 **Beach Closures** 2002 High 1 Miles Nonpoint Source





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT		Low	1 Miles	
				Fish Consumption Advisory for	DDT.			
					Nonpoint Source			
				High Coliform Count		High	1 Miles	2002
					Nonpoint Source			
				PCBs		Low	1 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source			
4	C	Manhattan Beach	40512000					
				Beach Closures		High	2 Miles	2002
					Nonpoint Source			
4	В	Marina del Rey Harbor - Back Basins	40517000		•			
4	Б	Marina dei Rey Harbui - Back Basins	40317000	Chlordane (tissue & sediment)		High	391 Acres	2004
				Chiordane (tissue de sediment)	N	ırığı.	JA Acies	2004
				Company (codiment)	Nonpoint Source	IIiak	391 Acres	2004
				Copper (sediment)		High	391 Acres	2004
				DDM (c) 0 P A	Nonpoint Source	*** *	201	2004
				DDT (tissue & sediment)	, , , , , , , , , , , , , , , , , , , ,	High	391 Acres	2004
				DDT.	rm water runoff/aerial depositi	ion jrom urvan areas.	Sneiijish Harvesting /	savisory jor
					Nonpoint Source			
				Dieldrin (tissue)	•	High	391 Acres	2004
				, ,	Nonpoint Source	J		
				Fish Consumption Advisory		High	391 Acres	2004
					Nonpoint Source	8		
			•	High Coliform Count	Nonpoint Source	High	391 Acres	2003
				mg. Como Count	Nonpoint Source	8	0,1 110100	2000
				Lead (sediment)	Nonpoint Source	High	391 Acres	2004
				Lead (Sediment)	N 1.0	mgn	371 Acies	2004
				DCD- (diamas 8 andi-rand)	Nonpoint Source	TT:_L	201 4	2004
				PCBs (tissue & sediment)		High	391 Acres	2004
				PCBs in tissue.	rm water runoff/aerial deposit	ion jrom urvan areas.	Sneiijish narvesiing a	avisory for
					Nonpoint Source			
				Sediment Toxicity		High	391 Acres	2004
					Nonpoint Source			
				Zinc (sediment)	•	High	391 Acres	2004
				, ,	Nonpoint Source	ŭ		
	_		40.54.500.0		pome would			
4	C	Marina del Rey Harbor Beach	40517000	Danah Classes		TT:_b	0.20 N#:1	2002
				Beach Closures		High	0.29 Miles	2003
					Nonpoint Source			

			_			- <u></u>		DRAFT
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
		·		High Coliform Count		High	0.29 Miles	2003
					Nonpoint Source			
4	R	Madilio Casal Dood 1 (Let With N. Foul.	40220012		•			
4	K	Matilija Creek Reach 1 (Jct. With N. Fork to Reservoir)	40220012					
		·		Fish barriers		Low	0.63 Miles	
					Dam Construction			
4	R	Matilija Creek Reach 2 (Above Reservoir)	40220010					
•	K	Watinja Citck Reach 2 (Above Reservoir)	40220010	Fish barriers		Low	15 Miles	
					Dam Construction			
					Dain Constituction			
4	L	Matilija Reservoir	40220012	P:-L L		¥	131	
				Fish barriers		Low	121 Acres	
					Dam Construction			
4	R	McCoy Canyon Creek	40521000					
				Fecal Coliform		Low	4 Miles	
					Nonpoint Source			
				Nitrate		Low	4 Miles	
					Nonpoint Source	_		
				Nitrate as Nitrogen		Low	4 Miles	
			•		Urban Runoff/Storm Sewers			
				0.1.1.20.4.1	Natural Sources	T	4 860	
				Selenium, Total		Low	4 Miles	
					Urban Runoff/Storm Sewers			
					Natural Sources			
4	C	McGrath Beach	40311000					
		•		High Coliform Count		High	1.5 Miles	2002
					Nonpoint Source			
4	L	McGrath Lake	40311000					
				Chlordane (sediment)		Medium	20 Acres	
					Nonpoint Source			
				DDT (sediment)		Medium	20 Acres	
					Nonpoint Source			
				Dieldrin (sediment)		Low	20 Acres	
				Historical use of pesticides and	I lubricants, storm water runoff/aer Nonpoint Source	ial deposition fro	om agricultural fields.	
				PCBs (sediment)	-	Low	20 Acres	
				Historical use of pesticides and	d lubricants, storm water runoff/aer	ial deposition fro	om agricultural fiel ds .	
					Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sediment Toxicity		Medium	20 Acres	
					Nonpoint Source			
4	R	Medea Creek Reach 1 (Lake to Confl. with Lindero)	40424000					
		Enderoy		Algae		High	2.6 Miles	2002
					Nonpoint Source			
				High Coliform Count	No	High	2.6 Miles	2002
				Sedimentation/Siltation	Nonpoint Source	Low	2.6 Miles	
					Source Unknown			
				Selenium		Medium	2.6 Miles	
				Trash	Nonpoint Source	Medium	2.6 Miles	
				11451	Nonpoint Source		2.0 Mines	
4	R	Medea Creek Reach 2 (Abv Confl. with	40423000		•			
		Lindero)		Almo		High	5.4 Miles	2002
				Algae	Nonpoint Source	mgn	3.4 WHES	2002
				High Coliform Count		High	5.4 Miles	2002
					Nonpoint Source		~	
				Sedimentation/Siltation	Source Unknown	Low	5.4 Miles	
				Selenium	Source Onknown	Medium	5.4 Miles	
					Nonpoint Source			
				Trash		Medium	5.4 Miles	
					Nonpoint Source			
4	R	Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)	40351000					
				Nitrate and Nitrite		High	8.1 Miles	2003
					Nonpoint Source			
4	R	Monrovia Canyon Creek	40531000	Lead		Medium	3.4 Miles	
				Leau	Nonpoint Source	Medium	5.4 Ivines	
4	L	Munz Lake	40351000		•			
_	-			Eutrophic		Medium	6.6 Acres	
				Teach	Nonpoint Source	Madin	66 Aar	
				Trash	Nonpoint Source	Medium	6.6 Acres	

								DRAFI
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	С	Nicholas Canyon Beach	40444000					
7	C	Menoias Canyon Beach	40444000	Beach Closures		High	1.7 Miles	2002
				Deach Closures	N	m.g	i., wines	2002
				DDT	Nonpoint Source	¥	1.7. 349	
				DDT	DDT	Low	1.7 Miles	
				Fish Consumption Advisory for				
				pcp.	Nonpoint Source	T	17 10-	
				PCBs	p.c0	Low	1.7 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source			
4	C	Ormond Beach	40311000					
				Bacteria Indicators		Low	1.6 Miles	
				The areas affected are: a 50 ye	ard area north of Oxnard Industri	al Drain and a 50	yard area south of J Str	eet drain.
					Nonpoint/Point Source			
4	R	Palo Comado Creek	40423000					
•	•	1 410 04		High Coliform Count		High	6.8 Miles	2002
		•		g comor count	Name and Course		0.0 1.1125	2002
					Nonpoint Source			
4	C	Palo Verde Shoreline Park Beach	40511000					
				Pathogens		High	0.24 Miles	2002
					Source Unknown			
				Pesticides		Low	0.24 Miles	
					Source Unknown			
	_							
4	С	Paradise Cove Beach	40435000	n				
				Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			•
				DDT		Low	1.7 Miles	
				Fish consumption advisory for	DDT.			
					Nonpoint Source			
				High Coliform Count		High	1.7 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.7 Miles	
				Fish consumption advisory for	PCBs.			
					Nonpoint Source			
4	L	Peck Road Park Lake	40531000					
7	L	I EER ROAD I AIR LARE	40331000	Chlordane (tissue)		Low	103 Acres	
				Cinor danc (nosuc)	N 0	LUW	105 Acies	
				DDT (I)	Nonpoint Source	_	102 4	
				DDT (tissue)		Low	103 Acres	
					Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead		Low	103 Acres	
				•	Nonpoint Source			
				Odors		Low	103 Acres	
				O	Nonpoint Source	T	103 4	
				Organic Enrichment/Low Disso		Low	103 Acres	
	_		10041005		Nonpoint Source			
4	С	Peninsula Beach	40311000	Bacteria Indicators		Low	1 Miles	
				Area affected is beach area nor	th of South Jetty.	2,011	1 WHE	
					Nonpoint/Point Source			
4	R	Pico Kenter Drain	40513000					
				Ammonia		Low	8 Miles	
					Nonpoint Source		0.3	
				Copper		Medium	8 Miles	
				Enteric Viruses	Nonpoint Source	High	8 Miles	2002
				Little viruses	Nonpoint Source	****	o inties	2002
				High Coliform Count	Nonpolite Godice	High	8 Miles	2002
					Nonpoint Source			
				Lead		Medium	8 Miles	
					Nonpoint Source	_		
		•		PAHs		Low	8 Miles	
				Toxicity	Nonpoint Source	Medium	8 Miles	
				TORICITY	Nonpoint Source	141CA1AIII	o ivines	
				Trash	nonpoint Source	Low	8 Miles	
					Nonpoint Source			
4	R	Piru Creek (tributary to Santa River Reach	40342000		. •			
•		4)						
				рН		Low	63 Miles	
				•	Nonpoint Source			
					Conservation Dishcarge Rel	eases		
4	С	Point Dume Beach	40435000	Beach Closures		High	2.5 Miles	2002
				Deach Civinics	Nonpoint Source	111G11	Zio Miles	2002
				DDT	point Donite	Low	2.5 Miles	
		•		Fish consumption advisory for				
•					Nonpoint Source			

115

October 15, 2002

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

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		Low	2.5 Miles	<u></u>
				Fish consumtiion advisory for I				
					Nonpoint Source			
4	C	Point Fermin Park Beach	40512000					
				Beach Closures		High	1.6 Miles	2002
					Nonpoint Source			
				DDT		Low	1.6 Miles	
				Fish consumption advisory for	DDT.			
					Nonpoint Source			
				PCBs		Low	1.6 Miles	
				Fish consumption advisory for				
					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					
		- 10acii 5)		Sulfates		Low	9 Miles	
					Nonpoint Source	2011)	
				Total Dissolved Solids	Houpoint Source	Low	9 Miles	
				Total Dissorted Dones	Nonnaint Source	20	, integ	
					Nonpoint Source			
4	В	Port Hueneme Harbor (Back Basins)	40311000					
				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			
				DDT	•	Low	1.4 Miles	
				Fish Consumption Advisory for	r DDT.			
					Nonpoint Source			
				PCBs		Low	1.4 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source			
4	C	Promenade Park Beach	40210000		•			
				Bacteria Indicators		Low	0.37 Miles	
				Area affected is at Oak Street,	Redwood Apartments, and so	uth of drain at Californ	iia Street.	

t, Redwood Apartments, and south of drain at Californi





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	Puddingstone Reservoir	40552000					
•	L	i dddingstone Reservon		Chlordane (tissue)		Medium	243 Acres	
				•	Nonpoint Source			
				DDT (tissue)		Medium	243 Acres	
			•		Nonpoint Source		242 4	
				Mercury (tissue)		Medium	243 Acres	
				Organic Enrichment/Low Diss	Nonpoint Source	Low	243 Acres	
			•	Organic Enticument Low Diss	Nonpoint Source	2011	245 110105	
				PCBs (tissue)	Nonpoint Source	Low	243 Acres	
				,,	Nonpoint Source			
4	С	Puerco Beach	40431000					
4	C	rueito Beatii	40431000	Beach Closures		High	0.5 Miles	2002
					Nonpoint Source			
				DDT		Low	0.5 Miles	
				Fish Consumption Advisory for				
				PCBs	Nonpoint Source	Low	0.5 Miles	
				Fish Consumption Advisory for	r PCBs.	20	•	
				•	Nonpoint Source			
4	C	Redondo Beach	40512000					
				Beach Closures		High	1.5 Miles	2002
					Nonpoint Source			
				DDT	6.04	Low	1.5 Miles	
				Fish Consumption Advisory for	r DD1. Nonpoint Source			
				High Coliform Count	Nonpoint Source	High	1.5 Miles	2002
				C	Nonpoint Source			
				PCBs	•	Low	1.5 Miles	
				Fish Consumption Advisory fo				
					Nonpoint Source			
4	C	Resort Point Beach	40511000			*** 1	0.15 \$50	2002
				Beach Closures	No. 1 4 Com or	High	0.15 Miles	2002
					Nonpoint Source			
4	C	Rincon Beach	40100010	Pastorio Indiantora		Low	0.09 Miles	
				Bacteria Indicators Area affected is 50 and 150 va	ards south of mouth of Rincon Cree			

Nonpoint/Point Source

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

CALWATER PROPOSED TMDL POTENTIAL **TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES **PRIORITY** SIZE AFFECTED COMPLETION Rio De Santa Clara/Oxnard Drain No. 3 40311000 ChemA (tissue) 1.9 Miles Medium Nonpoint Source Chlordane (tissue) Medium 1.9 Miles Nonpoint Source DDT (tissue) Medium 1.9 Miles Nonpoint Source Nitrogen High 1.9 Miles 2008 Nonpoint Source PCBs (tissue) Medium 1.9 Miles Nonpoint Source **Sediment Toxicity** Medium 1.9 Miles Nonpoint Source Toxaphene (tissue) Medium 1.9 Miles Nonpoint Source Rio Hondo Reach 1 (Confl. LA River to Snt 40515010 Ana Fwy) Copper High 4.6 Miles 2003 Nonpoint/Point Source **High Coliform Count** 4.6 Miles 2002 High Nonpoint/Point Source Lead High 4.6 Miles 2003 Nonpoint/Point Source pН High 4.6 Miles 2002 Nonpoint/Point Source Trash 4.6 Miles Low Nonpoint/Point Source Zinc High 4.6 Miles 2003 Nonpoint/Point Source Rio Hondo Reach 2 (At Spreading Grounds) 40515010 R **High Coliform Count** High 4.9 Miles 2002 Nonpoint/Point Source 40441000 C Robert H. Meyer Memorial Beach **Beach Closures** 2002 High 1.2 Miles Nonpoint Source DDT Low 1.2 Miles Fish Consumption Advisory for DDT. Nonpoint Source





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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
_			-	PCBs		Low	1.2 Miles	
				Fish Consumption Advisory for	PCBs.		_	
					Nonpoint Source			
4	C	Rocky Point Beach	40511000					
•	C	Rocky Tolki Beach	40311000	Beach Closures		High	0.49 Miles	2002
				Deach Closures		111gii	0.49 Willes	2002
					Nonpoint Source			
4	C	Royal Palms Beach	40511000					
				Beach Closures		High	1.1 Miles	2002
					Nonpoint Source			
				DDT		Low	1.1 Miles	•
				Fish consumption advisory for	DDT.			
					Nonpoint Source			
				PCBs		Low	1.1 Miles	
				Fish consumption advisory for	PCBs.			
					Nonpoint Source			
4	R	San Antonio Creek (Tributary to Ventura River Reach 4)	40220023					
				Nitrogen		Low	9.8 Miles	
					Nonpoint Source			
4	С	San Buenaventure Beach	40310000		•			
4	C	San buenaventure Beach	40210000	Bacteria Indicators		T	10 349	
			4		at Kalorama Street and south of di	Low	1.9 Miles	
				Area affected is soun of arain i	Nonpoint/Point Source	ain ai San Jon Ro	aa.	
4	R	San Gabriel River Estuary	40516000					
				Abnormal Fish Histology		Medium	3.4 Miles	
					Nonpoint/Point Source			
4	R	San Gabriel River Reach 1 (Estuary to	40515010		-			
•		Firestone)	40313010					
				Abnormal Fish Histology		Medium	6.4 Miles	
				-	Nonpoint/Point Source			
				Algae	Nonpolito I offit Bource	High	6.4 Miles	2003
					Name int/Daint Saura		0.4 Tribes	2003
				High Coliform Count	Nonpoint/Point Source	High	6.4 Miles	2003
				Figh Comorni Count		High	0.4 Willes	2003
					Nonpoint/Point Source			
4	R	San Gabriel River Reach 2 (Firestone to	40515010					
		Whittier Narrows Dam		o Pieri		_		
				Copper, Dissolved		Low	12 Miles	
					Nonpoint Source			

October 15, 2002

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	12 Miles	2003
					Nonpoint/Point Source			
				Lead		Medium	12 Miles	
					Nonpoint/Point Source			
				Zinc, Dissolved		Low	12 Miles	
					Nonpoint Source			
4	R	San Jose Creek Reach 1 (SG Confluence to Temple St.)	40531000					
		I emple St.)		Algae		Low	2.7 Miles	
				Ü	Nonpoint/Point Source			
				High Coliform Count	•	Low	2.7 Miles	
					Nonpoint/Point Source			
				pН		Low	2.7 Miles	
					Nonpoint/Point Source			
4	R	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	40531000					
				Algae		High	17 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	17 Miles	2003
					Nonpoint/Point Source	_		
				рH		Low	17 Miles	
					Nonpoint/Point Source			
4	В	San Pedro Bay Near/Off Shore Zones	40512000			_		
				Chromium (sediment)		Low	5758 Acres	
				Copper (sediment)	Nonpoint/Point Source	Low	5758 Acres	
				copper (seament)	Nonpoint/Point Source	2011	5750 Acres	
		•		DDT (tissue & sediment)	ronpomer one source	Medium	5758 Acres	
				Fish Consumption Advisory for	· DDT.			
					Nonpoint/Point Source			
				PAHs (sediment)		Medium	5758 Acres	
				ncn.	Nonpoint/Point Source	5 4. **		
				PCBs Fish consumption advisory for	PCR:	Medium	5758 Acres	
				· was consumption advisory for	Nonpoint/Point Source	•		
				Sediment Toxicity	•	Medium	5758 Acres	
					Nonpoint/Point Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc (sediment)		Low	5758 Acres	
					Nonpoint/Point Source			
4	E	Santa Clara River Estuary	40311000					
				ChemA		Medium	49 Acres	
					Source Unknown		40 .	
				High Coliform Count		Medium	49 Acres	•
				Toxaphene	Nonpoint Source	Medium	49 Acres	
				Toxaphene	Nonpoint Source			
4	R	Santa Clara River Reach 3 (Freeman	40321000					
•	K	Diversion to A Street)	40321000					
				Ammonia		High	31 Miles	2003
				Olivett.	Nonpoint/Point Source	~ ************************************	21 Miles	2002
				Chloride	Nonpoint/Point Source	High	31 Miles	2002
				Total Dissolved Solids	Nonpoints Foint Source	Low	31 Miles	
					Nonpoint/Point Source			
4	R	Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)	40351000					
		• 5,		Chloride		High	9.4 Miles	2002
				Chloride was relisted by USEPA				
				High Coliform Count	Nonpoint/Point Source	Medium	9.4 Miles	
					Nonpoint/Point Source			
				Nitrate and Nitrite	•	Low	9.4 Miles	
					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	. Nonpoint/Point Source			
				High Coliform Count	monpointer out source	Medium	5.2 Miles	
				~	Nonpoint/Point Source			
				Nitrite as Nitrogen	-	Low	5.2 Miles	
					Groundwater Loadings Nonpoint/Point Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Santa Clara River Reach 9 (Bouquet Canyon Rd to above Lang Gaging Station)	40351000	High Coliform Count	Nonpoint/Point Source	Medium	21 Miles	
4	L	Santa Fe Dam Park Lake	40531000	Copper		Medium	20 Acres	
		•		Lead	Nonpoint Source	Medium	20 Acres	
				рН	Nonpoint Source Nonpoint Source	Medium	20 Acres	
4	В	Santa Monica Bay Offshore/Nearshore	40513000	Chlordane (sediment)	,	Medium	146645 Acres	
				DDT (tissue & sediment) Centered on Palos Verdes Shelf.	Nonpoint/Point Source	Low	146645 Acres	
				Debris	Nonpoint/Point Source	Low	146645 Acres	·
				Fish Consumption Advisory	Nonpoint/Point Source	Low	146645 Acres	
				PAHs (sediment)	Nonpoint/Point Source Nonpoint/Point Source	Low	146645 Acres	
				PCBs (tissue & sediment)	Nonpoint/Point Source	Low	146645 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Low	146645 Acres	
4	С	Santa Monica Beach	40513000	Beach Closures		High	3 Miles	2002
				High Coliform Count	Nonpoint Source	High	3 Miles	2002
4	R	Santa Monica Canyon	40513000	High Coliform Count	Nonpoint Source	Tiak	2 7 Mil	2002
				Lead	Nonpoint Source	High Medium	2.7 Miles 2.7 Miles	2002
					Nonpoint Source			





REGION	ТҮРЕ	NAME	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	D.D.T.	Low	0.21 Miles	
				Fish Consumption Advisory for	DDT. Nonpoint Source			
				PCBs	Nonpoint Source	Low	0.21 Miles	
				Fish Consumption Advisory for	PCBs.	20	VI-1	
				. , , , ,	Nonpoint Source			
4	R	Sepulveda Canyon	405.13					
				Ammonia		Low	0.83 Miles	
					Nonpoint Source			
				High Coliform Count	•	High	0.83 Miles	2002
					Nonpoint Source			
				Lead		Medium	0.83 Miles	
					Nonpoint Source			
4	R	Sespe Creek (tributary to Santa Clara River	40332020					
		Reach 3)						
				Chloride		Low	63 Miles	
					Nonpoint Source	_		
				рН		Low	63 Miles	•
					Nonpoint Source			
4	R	Stokes Creek	40422020					
				High Coliform Count		High	4.7 Miles	2002
					Nonpoint Source			
4	C	Surfers Point at Seaside	40210000					
				Bacteria Indicators		Low	0.53 Miles	
				Area affected is the end of the a				
					Nonpoint/Point Source			
4	C	Topanga Beach	40413000					
				Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				DDT	DDT.	Low	2.5 Miles	
				Fish Consumption Advisory fo	r DD1. Nonpoint Source			
				High Coliform Count	Monpoint Gource	High	2.5 Miles	2002
				J	Nonpoint Source			_ ~~~

October 15, 2002

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

REGION	ТУРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		Low	2.5 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source			
4	R	Topanga Canyon Creek	40411000					
				Lead		Medium	8.6 Miles	
					Nonpoint Source			
4	C	Torrance Beach	40512000					
				Beach Closures		High	1.1 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	1.1 Miles	2002
					Nonpoint Source			
4	R	Torrance Carson Channel	40512000					
				Copper		Medium	3.4 Miles	
					Nonpoint Source			
				High Coliform Count		High	3.4 Miles	2002
					Nonpoint Source			
				Lead		Medium	3.4 Miles	
					Nonpoint Source			
4	R	Torrey Canyon Creek	40341000					
				Nitrate and Nitrite		High	1.7 Miles	2003
					Nonpoint Source			
. 4	С	Trancas Beach (Broad Beach)	40437000					
		· ·		Beach Closures		High	1.7 Miles	2002
					Nonpoint Source	-		
				DDT	•	Low	1.7 Miles	
				Fish Consumption Advisory fo				
					Nonpoint Source			
				High Coliform Count		High	1.7 Miles	2002
					Nonpoint Source			
				PCBs	n.c.n	Low	1.7 Miles	
				Fish Consumption Advisory fo	or PCBs. Nonpoint Source			
	_				wonbount soutce			
4	R	Triunfo Canyon Creek Reach 1	40424000	Land		M.J	25 35"	
				Lead	N -1.40	Medium	2.5 Miles	
				Mercury	Nonpoint Source	Medium	2.5 Miles	
				Mercury	Name int Comme	Medium	2.5 ivilles	
					Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Low	2.5 Miles	
					Source Unknown			
4	R	Triunfo Canyon Creek Reach 2	40424000					
				Lead		Medium	3.3 Miles	
				Maraum	Nonpoint Source	Medium	2.2 Miles	
				Mercury	Nonpoint Source	Medium	3.3 Miles	
				Sedimentation/Siltation	nonpoint bource	Low	3.3 Miles	
					Source Unknown			
4	R	Tujunga Wash (LA River to Hansen Dam)	40521000					
				Ammonia		High	9.7 Miles	2002
				Copper	Nonpoint Source	High	9.7 Miles	2003
		•		Соррег	Nonpoint Source	Ing.	J.7 Miles	2003
				High Coliform Count		High	9.7 Miles	2002
					Nonpoint Source			
				Odors	N	High	9.7 Miles	2002
				Scum/Foam-unnatural	Nonpoint Source	High	9.7 Miles	2002
					Nonpoint Source	ě		
				Trash	·	Low	9.7 Miles	
					Nonpoint Source			
4	C	Venice Beach	40513000					
				Beach Closures	Nonpoint Source	High	2.5 Miles	2002
				High Coliform Count	Nonpoint Source	High	2.5 Miles	2002
				-	Nonpoint Source	-		
4	В	Ventura Harbor: Ventura Keys	40311000					
				High Coliform Count		Medium	179 Acres	
					Nonpoint Source			
4	R	Ventura River Estuary	40210011	43		h# -#	0.2.25"	
				Algae	Nonpoint/Point Source	Medium	0.2 Miles	
				Eutrophic	nonponior out source	Medium	0.2 Miles	
			•		Nonpoint/Point Source			

REGION	түре	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			-	Fecal Coliform		Low	0.2 Miles	
				Stables and horse property may				
					Nonpoint Source	_		
				Total Coliform	1 .1	Low	0.2 Miles	
				Stables and horse property may	y be the sources. Nonpoint Source			
				Trash	Nonpoint Source	Medium	0.2 Miles	
				11 401	Nonpoint/Point Source	Wicdiani	U.Z. IVIIICS	
					Nonpoint/Four Source			
4	R	Ventura River Reach 1 and 2 (Estuary to Weldon Canyon)	40210011					
				Algae		Medium	4.5 Miles	
					Nonpoint/Point Source			
4	R	Ventura River Reach 3 (Weldon Canyon to Confl. w/ Coyote Cr)	40210011					
		•		Pumping		Medium	2.8 Miles	
					Nonpoint Source			
				Water Diversion	-	Medium	2.8 Miles	
					Nonpoint Source			
4	R	Ventura River Reach 4 (Coyote Creek to Camino Cielo Rd)	40220021					
				Pumping		Medium	19 Miles	
				. 0	Nonpoint Source	•		
				Water Diversion		Medium	19 Miles	
					Nonpoint Source			
	n	Waller Wall Back (A. Birrata	40531000					
4	R	Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	40521000					
				Algae		High	2 Miles	2002
					Nonpoint Source	_		
				High Coliform Count	•	High	2 Miles	2002
					Nonpoint Source			
				Trash	•	Low	2 Miles	
					Nonpoint Source			
4	R	Vondung Wook Doosh 2 (Above Vondung	40524000					
4	N	Verdugo Wash Reach 2 (Above Verdugo Road)	40324000					
				Algae		High	7.6 Miles	2002
					Nonpoint Source			
				High Coliform Count	-	High	7.6 Miles	2002
					Nonpoint Source			
					-			





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trash		Low	7.6 Miles	
					Nonpoint Source			
4	D	Web AC STAWARD CO. 1 C.	40531000					
4	R	Walnut Creek Wash (Drains from Puddingstone Res)	40531000					
		<u> </u>		рН		High	12 Miles	2003
				•	Nonpoint/Point Source	J		
				Toxicity	F-1	High	12 Miles	2003
				•	Nonpoint/Point Source	J		
	-	W/asthalas I also	40.435000					
4	L	Westlake Lake	40425000	Algae		High	119 Acres	2002
				Aigac	Name 1 4 Co	ingu	119 Acres	2002
				Ammonia	Nonpoint Source	High	119 Acres	2002
				Animonia	N- 1.40	mgn	119 Acres	2002
				Chlordane (tissue)	Nonpoint Source	Low	119 Acres	
				Cinordane (ussue)	Nouse to 4/D start Course	13044	II) Actes	
			•	Eutrophic	Nonpoint/Point Source	High	119 Acres	2002
				Eut opine	Nonnaint Cours	Mgu	117 Actes	2002
				Lead	Nonpoint Source	Medium	119 Acres	
				Leau	Nonpoint Source	Mediani	115 Acies	
				Organic Enrichment/Low Diss		High	119 Acres	2002
				Organic Entremient Dow Diss	Nonpoint Source	11.5.	11) Acies	2002
					Nonpoint Source			
4	R	Wheeler Canyon/Todd Barranca	40321000					
				Nitrate and Nitrite		High	10 Miles	2003
					Nonpoint Source			
				Sulfates		Low	10 Miles	
					Nonpoint Source			
				Total Dissolved Solids		Low	10 Miles	
					Nonpoint Source			
4	C	Whites Point Beach	40511000					
				Beach Closures		High	1.1 Miles	2002
					Nonpoint Source			
				DDT		Low	1.1 Miles	
				Fish Consumption Advisory for				
					Nonpoint Source	_		
				PCBs	DCD	Low	1.1 Miles	
				Fish Consumption Advisory for	Nonpoint Source			
					without pontes			

	_							
			CALWATER	DOLL UM ANDIOTOPOCO	POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	* SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
4	c	Will Rogers Beach	40513000					
				Beach Closures		High	3 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	3 Miles	2002
		-			Nonpoint Source			
	ъ.	NVI trades But	40242000		•			
4	R	Wilmington Drain	40342000	Ammonia		Medium	0.56 Miles	
				Anntonia		Michiga	0.50 ivilles	
					Nonpoint Source		0.54 3.51	
				Copper		Medium	0.56 Miles	
					Nonpoint Source			
				High Coliform Count		High	0.56 Miles	2002
					Nonpoint Source			
				Lead		Medium	0.56 Miles	
					Nonpoint Source			
4	С	Zuma Beach (Westward Beach)	40436000					
₹	Č	The second second second	.0.50000	Beach Closures		High	1.6 Miles	2002
					Nonpoint Source	8		
				DDT	Nonpoint Source	Low	1.6 Miles	
				Fish Consumption Advisory	v for DDT.	20	1.0	
				+p	Nonpoint Source			
				PCBs		Low	1.6 Miles	
				Fish Consumption Advisory	y for PCBs.			
				·	Nonpoint Source			
5	R	American River, Lower	51921000					
3	ĸ	American River, Lower	31721000	Mercury		Low	27 Miles	
				•	urces are abandoned mines. TMDL er			
					Resource Extraction			
				Unknown Toxicity		Low	27 Miles	
				TMDL end date: after 2015	5			
				-	Source Unknown			
_	R	Arcade Creek	51921000					
5	r.	Arcaue Creek	31741000	Chlorpyrifos		High	9.9 Miles	2003
				Cinorpyrnos	Halan Barra SSC4	_	7.7 IVAIICS	#UUJ
				C	Urban Runoff/Storm Sewers		9.9 Miles	
				Copper	5	Low	y.y ivilles	
				TMDL end date: after 2015	Urban Runoff/Storm Sewers			
					Othan Knuoth Stoke Semen	•		





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	_			Diazinon		High	9.9 Miles	2003
				The agricultural source of diazi	inon for these waterbodies is from a	erial deposition.		
					Agriculture Urban Runoff/Storm Sewers			
_					Orban Runon/Storm Sewers			
5	R	Avena Drain	53140000	Ammonia		Low	6.4 Miles	
				TMDL end date: after 2015		2011	or mies	
					Agriculture			
					Dairies	_		
				Pathogens		Low	6.4 Miles	
					Agriculture Dairies			
_	n	De Carel	51730033		Danies			
5	R	Bear Creek	51320023	Mercury		Medium	15 Miles	
				·	Resource Extraction			
5	R	Bear River, Lower (below Camp Far West	51510000					
J		Reservoir)	0101000					
				Diazinon		Medium	21 Miles	
					Agriculture			
5	R	Bear River, Upper	51633010					
		•		Mercury	-	Medium	10 Miles	
					Resource Extraction	•		
5	L	Berryessa, Lake	51221010	Manage		I am	19083 Acres	
				Mercury	Resource Extraction	Low	19083 Acres	•
					Resource Extraction			
5	L	Black Butte Reservoir	50432000	Mercury		Medium	4507 Acres	
				Wetcuty	Resource Extraction	Medium	4307 Acres	
-		D. M. Claush	53030000		Activities Dati delivit			
5	R	Butte Slough	52030000	Diazinon		Medium	8.9 Miles	
					Crop-Related Sources			
5	R	Cache Creek, Lower	51332022		•			
3	I.	Cache Citer, Donci	01002022	Mercury		High	84 Miles	2004
				All resource extraction sources Creek Settling Basin near the Y	are abandoned mines. Impaired p	ortion (81 miles)	is from Clear Lake Da	m to the Cache

Resource Extraction

CALWATER PROPOSED TMDL POTENTIAL **TMDL ESTIMATED REGION TYPE** POLLUTANT/STRESSOR* NAME WATERSHED SOURCES PRIORITY SIZE AFFECTED COMPLETION **Unknown Toxicity** Low 84 Miles Impaired portion (81 miles) is from Clear Lake Dam to the Cache Creek Settling Basin near the Yolo Bypass. TMDL end date: after 2015. Source Unknown 54400000 Calaveras River, Lower Diazinon Low 5.8 Miles Urban Runoff/Storm Sewers Organic Enrichment/Low Dissolved Oxygen Low 5.8 Miles TMDL end date: after 2015 **Urban Runoff/Storm Sewers** 5.8 Miles **Pathogens** Low TMDL end date: after 2015 Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating) Camanche Reservoir 53120000 Copper Low 7389 Acres Resource Extraction Zinc Low 7389 Acres Resource Extraction Camp Far West Reservoir 51631013 5 L Medium 1945 Acres Mercury Resource Extraction 5 R Chicken Ranch Slough 51921000 Chlorpyrifos High 8 Miles 2003 Urban Runoff/Storm Sewers 8 Miles 2003 Diazinon High The agricultural source of diazinon for these waterbodies is from aerial deposition. Agriculture Urban Runoff/Storm Sewers 51352000 Clear Lake Mercury High 40070 Acres 2002 Resource Extraction Nutrients Medium 40070 Acres Source Unknown 50732000 Clover Creek **Fecal Coliform** 11 Miles Low Agriculture-grazing Other





								DICH:
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Colusa Basin Drainage Canal	52021000	·				
		_		Azinphos-methyl		Medium	26 Miles	
					Agriculture			
				Carbofuran/Furadan	-	Low	26 Miles	
				TMDL end date: after 2015				
					Agriculture			
				Diazinon		Medium	26 Miles	
					Agriculture			
				Group A Pesticides		Low	26 Miles	
				TMDL end date: after 2015				
					Agriculture	-	AC 1511	
				Malathion		Low	26 Miles	
				TMDL end date: after 2015	Agriculture			
				Methyl Parathion	Agriculture	Low	26 Miles	
				TMDL end date: after 2015		20	20 111100	
				1.1.2.2 cma aato: ayto: 2010	Agriculture			
				Molinate/Odram	-	Low	26 Miles	
				TMDL end date: after 2015				
					Agriculture-irrigation tailwate		•	
				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	L	Davis Creek Reservoir	51332010					
		·		Mercury		Low	163 Acres	
					Resource Extraction			
5	R	Del Puerto Creek	54110000					
-	•			Chlorpyrifos		Low	6.5 Miles	
				TMDL end date: after 2015				
		•			Agriculture			
				Diazinon		Low	6.5 Miles	
				TMDL end date: after 2015				
					Agriculture			

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

PROPOSED TMDL **CALWATER** POTENTIAL **TMDL ESTIMATED REGION TYPE** NAME WATERSHED POLLUTANT/STRESSOR* SOURCES COMPLETION PRIORITY SIZE AFFECTED 5 E **Delta Waterways** 51000000 Chlorpyrifos High 577089 Acres 2004 Approximately 30,000 acres are impaired for Chlorpyrifos. Agriculture Urban Runoff/Storm Sewers Diazinon High 577089 Acres 2004 Approximately 30,000 acres are impaired for Diazinon. Agriculture Urban Runoff/Storm Sewers Mercury High 577089 Acres 2004 All resource extraction sources are abandoned mines. Approximately 30,000 acres are impaired for Mercury. Resource Extraction 5 E Delta Waterways (Southern Delta) 54400000 Chlorpyrifos High 180568 Acres 2004 Approximately 16,000 acres are impaired for Chlorpyrifos. Agriculture Urban Runoff/Storm Sewers 180568 Acres DDT Low Approximately 16,000 acres are impaired for DDT. Agriculture Diazinon 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. Agriculture **Group A Pesticides** Low 180568 Acres Approximately 16,000 acres are impaired for Group A Pesticides. Agriculture High 180568 Acres 2004 Mercury All resource extraction sources are abandoned mines. Approximately 16,000 acres are impaired for Mercury. Resource Extraction 54400000 5 E Delta Waterways (Stockton Ship Channel) 2004 Chlorpyrifos High 1751 Acres Agriculture Urban Runoff/Storm Sewers DDT Low 1751 Acres Agriculture





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
,			- · · ·	Diazinon		High	1751 Acres	2004
					Agriculture Urban Runoff/Storm Sewers			
				Group A Pesticides		Low	1751 Acres	
				Manana	Agriculture	U;~k	1751 Acres	2004
				Mercury All resource extraction sources	s are abandoned mines.	High	1731 Acres	2004
					Resource Extraction			
				Organic Enrichment/Low Diss	olved 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			
5	R	Dolly Creek	51854030					
		-		Copper		Low	1.5 Miles	
				Resource extraction sources a	re abandoned mines. TMDL end da	te: after 2015		
				Zinc	Resource Extraction	Low	1.5 Miles	
					re abandoned mines. TMDL end da			
					Resource Extraction			
5	L	Don Pedro Lake	53632010					
				Mercury		Low	11056 Acres	
					Resource Extraction			
5	R	Dunn Creek	54300021	.,		v	9 859	
				Mercury Resource extraction sources a	re abandoned mines. TMDL end da	Low te: after 2015	2 Miles	
				Resource extraction sources u	Resource Extraction	2010		
				Metals		Low	2 Miles	
				Resource extraction sources a	re abandoned mines. TMDL end da	te: after 2015		
	_				Resource Extraction			
5	R	Elder Creek	51911000	Chlorpyrifos		High	11 Miles	2003
				FJ	Urban Runoff/Storm Sewers			

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTI	
			Diazinon		High	11 Mil	es 2003
				non for these waterbodies is from ae	-		
				Agriculture			
				Urban Runoff/Storm Sewers			
<i>5</i> D	Elk Grove Creek	51911000					
5 R	EIR Grove Creek	51911000	Diazinon		High	6.9 Mil	es 2003
				non for these waterbodies is from ae	_	0.9 14111	es 2003
			The agricultural source of alazi	Agriculture	на иерозиюн.		
				Urban Runoff/Storm Sewers			
				orban Runon/Storm Sewers			
5 L	Englebright Lake	51714013					
			Mercury		Medium	754 Acr	res
			Abandoned Mines				
				Resource Extraction			
5 R	Fall River (Pit)	52641031					
			Sedimentation/Siltation		Low	8.6 Mil	les
			TMDL end date: after 2015				
				Agriculture-grazing			
				Silviculture			
				Highway/Road/Bridge Construc	ction		
5 R	Feather River, Lower	51922000					
			Diazinon		High	86 Mil	les 2003
				Agriculture			
				Urban Runoff/Storm Sewers			
			Group A Pesticides		Low	86 Mi	les
			TMDL end date: after 2015				
				Agriculture			
			Mercury		Medium	86 Mi	les
			All resource extraction sources	are abandoned mines.			
				Resource Extraction			
			Unknown Toxicity		Low	86 Mi	les
			TMDL end date: after 2015				
				Source Unknown			
5 R	Five Mile Slough	54400000					
	-		Chlorpyrifos		Medium	3.8 Mi	les
			Five Mile slough is impaired by	chlorpyrifos for the lower 1 mile of	the slough.		
				Urban Runoff/Storm Sewers			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
		•		Diazinon		Medium	3.8 Miles	
				The agricultural source of diaz diazinon for the lower 1 mile oj	inon for this waterbody is from aen f the slough.	rial deposition. F	ive Mile Slough is imp	paired by
					Agriculture			
					Urban Runoff/Storm Sewers			
				Organic Enrichment/Low Dissort TMDL end date: after 2015	olved Oxygen	Low	3.8 Miles	
					Urban Runoff/Storm Sewers			
				Pathogens		Low	3.8 Miles	
				TMDL end date: after 2015. For confluence with Fourteen Mile	ive Mile Slough is impaired by pat Slough.	hogens for 1.5 m	iles, from Alexandria	Place to the
					Other Urban Runoff			
					Recreational and Tourism Ac	tivities (non-boa	ting)	
5	R	French Ravine	51632011					
_				Bacteria		Low	1.7 Miles	
					Land Disposal			
					Dane Disposar			
5	W	Grasslands Marshes	54120000	F1		-	70/2	
				Electrical Conductivity		Low	7962 Acres	
				TMDL end date: after 2015	Agriquetturo			
					Agriculture			
5	R	Harding Drain (Turlock Irr Dist Lateral #5)	53550000					
				Ammonia		Low	16 Miles	
				TMDL end date: after 2015			•	
					Municipal Point Sources			
				Chlamanifae	Agriculture	T	16 Miles	
				Chlorpyrifos		Low	16 Miles	
				TMDL end date: after 2015	Agriculture			
				Diazinon	Agriculture	Low	16 Miles	
				TMDL end date: after 2015		Low	10 Miles	
				This character agree 2015	Agriculture			
				Unknown Toxicity		Low	16 Miles	
				TMDL end date: after 2015				
				Ž	Agriculture			
E	D	Harley Culch	51332022		-			
5	R	Harley Gulch	51552022	Mercury	•	Medium	6 Miles	•
				All resource extraction sources	s are abandoned mines	Mediulli	O Miles	•
				, , , coource can action sources	Resource Extraction			

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





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*		MDL IORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nickel		Low	6.3 Miles	
				Resource extraction sources ar	re abandoned mines. TMDL end date: afte	er 2015		
			,		Resource Extraction			
5	R	Kanaka Creek	51742022					
				Arsenic		Low	9.7 Miles	
				All resource extraction sources	s are abandoned mines. TMDL end date: o	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			
5	R	Kings River (Lower)	55190000					
				Electrical Conductivity		Low	52 Miles	
				TMDL end date: after 2015				
				Molybdenum	Agriculture	Low	52 Miles	
				TMDL end date: after 2015		LUTT	52 Willes	
				11.222 one unic. ujici 2013	Agriculture			
			•	Toxaphene	J	Low	52 Miles	
				TMDL end date: after 2015				
					Agriculture			
5	R	Little Backbone Creek, Lower	50620010					
				Acid Mine Drainage		Low	0.95 Miles	
					Resource Extraction			
				Cadmium		Low	0.95 Miles	
				All resource extraction source.				
				_	Resource Extraction	_		
				Copper		Low	0.95 Miles	
				All resource extraction source	s are abandoned mines. Resource Extraction			
				Zinc		Low	0.95 Miles	
				All resource extraction source		-		
					Resource Extraction			

								DRAIT
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Little Cow Creek	50733010					
		Zittle Con Creek	30,33010	Cadmium		Low	2.7 Miles	
				Resource extraction sources ar	re abandoned mines. TMDL ei		211	
					Resource Extraction			
				Copper		Low	2.7 Miles	
				Resource extraction sources ar	e abandoned mines. TMDL ei	nd date: after 2015		
					Resource Extraction	•		,
				Zinc		Low	2.7 Miles	
				Resource extraction sources at	re abandoned mines. TMDL ei	nd date: after 2015		
					Resource Extraction			
5	R	Little Deer Creek	51720012					
3	K	Little Deel Creek	31720012	Mercury		Low	4.1 Miles	
		•		Wiereury	B	2011	4.1 1111103	
					Resource Extraction			
5	R	Little Grizzly Creek	51854031					
				Copper		Medium	9.4 Miles	
					Mine Tailings			
				Zinc		Medium	9.4 Miles	
					Mine Tailings			
_	_		534 40000		В			
5	R	Lone Tree Creek	53140000	A			25 Mil.	
				Ammonia		Low	25 Miles	
				TMDL end date: after 2015	Daiming			
				Biological Oxygen Demand	Dairies	Low	25 Miles	
		•		TMDL end date: after 2015		LJUW	23 Miles	
				TWDL ena date. after 2015	Dairies			
				Electrical Conductivity	Danies	Low	25 Miles	
				TMDL end date: after 2015		2011	25 Miles	
				11/2/2 cha date. after 2015	Dairies			
		_			2			
5	R	Marsh Creek	54300020					
				Mercury		Low	23 Miles	
				All resource extraction source mercury.	s are abandoned mines. TMD	L end date: after 2015.	Entire segment is imp	aired for
				mercury.	Resource Extraction			
				Metals	Resource Extraction	Low	23 Miles	
			•	All resource extraction source	s are ahandoned mines TMD			ove Marsh
				Creek Reservoir) is impaired f		e cha aase. ajier 2015.	opper 12.7 miles (u.e.	, , , , , , , , , , , , , , , , , , ,
					Resource Extraction			
5	L	Marsh Creek Reservoir	54300022					
5	L	Mai Sii Ci een Resei vuit	34300022	Mercury		Low	52 Acres	
				interest y	Decoupes F-4	1,011	32 Acres	
					Resource Extraction			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	W	Mendota Pool	55120000	,				
				Selenium		Low	3045 Acres	
					Agriculture			
					Agricultural Return Flows			
					Groundwater Withdrawal			
					Other			
5	R	Merced River, Lower	53570000					
				Chlorpyrifos		Medium	51 Miles	
				D: :	Agriculture	N# - 41	E1 34:1	
				Diazinon		Medium	51 Miles	
				Group A Pesticides	Agriculture	Low	51 Miles	
				TMDL end date: after 2015		LUW	31 Miles	
				TIMDE tha date, after 2015	Agriculture			
5	R	Middle River	54400000		8			
3	ĸ	Wildlie River	3440000	Low Dissolved Oxygen		Low	9.7 Miles	
				B	Hydromodification			
					Source Unknown			
5	R	Mokelumne River, Lower	54400000			•		
3		More and the second	2.70000	Copper		Low	29 Miles	
					Resource Extraction			
				Zinc		Low	29 Miles	
					Resource Extraction			
5	R	Mormon Slough	53130000					
Ĭ		Mornion Blong.	0010000	Organic Enrichment/Low Disso	olved Oxygen	Low	6.1 Miles	
				TMDL end date: after 2015. On DO.	aly the lower 1 mile (Commerce St.	to Stockton Dee	p Water Channel) is imp	paired for low
					Urban Runoff/Storm Sewers			
				Pathogens		Medium	6.1 Miles	
				TMDL end date: after 2015				
					Urban Runoff/Storm Sewers		4*>	
		•			Recreational and Tourism Act	ivities (non-boa	ting)	
5	R	Morrison Creek	51911000	District		TT'-1.	21 25"	2002
				Diazinon The agricultural source of diazi	inon for these waterbodies is from a	High verial denosition	21 Miles	2003
				ine agricultural source of diazi	non for these waterboates is from a Agriculture	ieriai aeposiii0n	•	
				•	Agriculture			

Urban Runoff/Storm Sewers

PROPOSED TMDL **CALWATER** POTENTIAL **TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES **PRIORITY** SIZE AFFECTED COMPLETION 53120000 5 R Mosher Slough Chlorpyrifos Medium 4.8 Miles Mosher Slough is impaired for Chlorpyrifos for 2 miles below 1-5. 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 Low 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 Low TMDL end date: after 2015. Mosher Slough impaired by pathogens for 5 miles. Urban Runoff/Storm Sewers 54120000 5 R Mud Slough Boron 13 Miles Low TMDL end date: after 2015 Agriculture **Electrical Conductivity** 13 Miles Low 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** 16 Miles Low TMDL end date: after 2015 **Industrial Point Sources** Agriculture Urban Runoff/Storm Sewers





REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Newman Wasteway	54120000					_
				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			
					Grazing-Related Sources			
					Pasture Grazing-Upland			
					Natural Sources			
5	R	Old River	54400000					
				Low Dissolved Oxygen		Low	15 Miles	
					Hydromodification			
					Source Unknown			
_	ъ.	Occasion by Court	54220022		203133 2333			
5	R	Orestimba Creek	54220032	A		N. G. a. ali	12 1411	
				Azinphos-methyl Impaired for Azinphos-methyl	C 1 2	Medium	12 Miles	
				Impuired for Azinphos-meinyi	Agriculture			
				Chlorpyrifos	Agriculture	Medium	12 Miles	
				Impaired for Chlorpyrifos for I	lower 3 miles	Mediani	12 Wines	
				impair ca for emorpy, you for i	Agriculture			
				DDE		Low	12 Miles	
				Historical agricultural use. The	MDL to be completed after 2015. I	mpaired for DDE		
				S	Agriculture	•	•	
				Diazinon		Medium	12 Miles	
				Impaired for Diazinon for low	er 3 miles.			
					Agriculture			
				Unknown Toxicity		Low	12 Miles	
				TMDL end date: after 2015. (Orestimba Creek is impaired for 3 n	niles for Unknowi	Toxicity.	
					Agriculture			
5	R	Panoche Creek	55911060					
		•		Mercury		Low	46 Miles	•

Mercury Low 46 Mile

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

Resource Extraction

							DIALI
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		Low	46 Miles	
			TMDL end date: after 2015				
				Agriculture			
				Agriculture-grazing			
				Highway/Road/Bridge Co	nstruction		
			Selenium		Low	46 Miles	
			TMDL end date: after 2015				
				Agriculture			
				Agriculture-grazing			
				Highway/Road/Bridge Co	nstruction		
5 R	Pit River	52661080					
			Nutrients		Low	123 Miles	
			TMDL end date: after 2015				
				Agriculture			
				Agriculture-grazing	_	465	
			Organic Enrichment/Low Disso	olved Oxygen	Low	123 Miles	
			TMDL end date: after 2015	Agricultura			
				Agriculture Agriculture-grazing			
			Temperature	Agricultul Cegi 42mg	Low	123 Miles	
			TMDL end date: after 2015		EU.		
				Agriculture			
				Agriculture-grazing			
5 R	Putah Creek, Lower	51120000					
<i>5</i> R	I wan Citch, Lunci	3,12000	Mercury		Low	28 Miles	
			Impairment due to Mercury is o	n lower reach below Lake Sol		20 111163	
				Resource Extraction			
				Source Unknown			
5 L	Rollins Reservoir	51634033	•				
3 L	Nomina Meaci Anii	51054055	Mercury		Medium	774 Acres	
			Mercury	December Post and	1416010111	//T Acres	
				Resource Extraction			
5 R	Sacramento River (Red Bluff to Delta)	52010000					
			Diazinon		High	274 Miles	2003
				Agriculture			
			Mercury		Medium	274 Miles	
			Resource extraction sources are				
	•			Resource Extraction			
			Unknown Toxicity		Low	274 Miles	
			TMDL end date: after 2015	0 111			
				Source Unknown			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Sacramento River (Shasta Dam to Red Bluff)	50810000					
		Duily		Unknown Toxicity		Low	71 Miles	
				·	Source Unknown			
5	R	Sacramento Slough	51922000					
3	K	Sacramento Stough	31722000	Diazinon		Medium	1.7 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
				Mercury		Low	1.7 Miles	
				TMDL end date: after 2015				
					Source Unknown			
5	R	Salt Slough	54120000	_			72 h#11	
				Boron TMDL and data: after 2015		Low	33 Miles	
				TMDL end date: after 2015	Agriculture			
				Chlorpyrifos	r-g-real-to-	Low	33 Miles	
				TMDL end date: after 2015				•
					Agriculture		•	
				Diazinon		Low	33 Miles	
				TMDL end date: after 2015	Agriculture			
				Electrical Conductivity	Agriculture	Low	33 Miles	
				TMDL end date: after 2015				
				·	Agriculture			
				Unknown Toxicity		Low	33 Miles	
				TMDL end date: after 2015				
					Agriculture			
5	R	San Carlos Creek	55911085			•	0.5. 3.511	
				Mercury	are abandoned mines. TMDL end	Low	8.5 Miles	magined for 1
				miles by mercury.	are avanaonea mines. IMDL ena	uaie. ajier 2015	. Sun Carlos Creek is i	mpairea jor 4
					Resource Extraction			
5	R	San Joaquin River (Bear Creek to Mud	53570000					
•		Slough)						
				Boron		High	14 Miles	2003
					Agriculture	** *		***
				Chlorpyrifos		High	14 Miles	2003
				DDT	Agriculture	T a	14 140-	
				DDT	A	Low	14 Miles	
					Agriculture			

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

PROPOSED TMDL **CALWATER POTENTIAL TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* **SOURCES PRIORITY** SIZE AFFECTED COMPLETION Diazinon High 14 Miles 2003 Agriculture **Electrical Conductivity** 2003 High 14 Miles Agriculture **Group A Pesticides** Low 14 Miles Agriculture Mercury Medium 14 Miles Resource Extraction **Unknown Toxicity** 14 Miles Low Source Unknown 53570000 San Joaquin River (Mendota Pool to Bear 5 R Creek) Boron High 67 Miles 2003 Entire segment is impaired by Boron. Agriculture Chlorpyrifos High 67 Miles 2003 Entire segment is impaired by chlorpyrifos. Agriculture DDT 67 Miles Low TMDL end date: after 2015. Entire segment is impaired by DDT. Agriculture 67 Miles Diazinon High 2003 Entire segment is impaired by Diazinon. Agriculture **Electrical Conductivity** High 67 Miles 2003 Entire segment is by impaired EC. Agriculture **Group A Pesticides** Low 67 Miles TMDL end date: after 2015. Entire segment is impaired by Group A pesticides. Agriculture **Unknown Toxicity** Low 67 Miles TMDL end date: after 2015. Entire segment is impaired by Unknown Toxicity. Source Unknown 5 R San Joaquin River (Merced River to South 54400000 Delta Boundary) Boron High 43 Miles 2003 Agriculture Chlorpyrifos High 43 Miles 2003 Agriculture





REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED 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	Medium	43 Miles	
				Unknown Toxicity	Resource Extraction	Low	43 Miles	
5	R	San Joaquin River (Mud Slough to Merced	53570000		Source Unknown			
J	ĸ	River)	33310000	Boron		High	3 Miles	2003
				Chlorpyrifos	Agriculture	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 Miles	
					Source Unknown			
5	L	Scotts Flat Reservoir	51720011	Mercury		Medium	660 Acres	
5	L	Shasta Lake	50610000		Resource Extraction			
				Cadmium	Resource Extraction	Low	27335 Acres	

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			<u> </u>	Copper		Low	27335 Acres	
					Resource Extraction			
				Zinc		Low	27335 Acres	
					Resource Extraction			
5	R	Smith Canal	54400000					
				Organic Enrichment/Low Diss	olved Oxygen	Low	2.4 Miles	
				TMDL end date: after 2015		•		
					Urban Runoff/Storm Sewers			
				Organophosphorus Pesticides		Medium	2.4 Miles	
					Urban Runoff/Storm Sewers			
				Pathogens		Low	2.4 Miles	
				TMDL end date: after 2015				
					Urban Runoff/Storm Sewers		4!>	
					Recreational and Tourism Ac	tivities (non-doa	ting)	
5	R	South Cow Creek	50731000			_		
				Fecal Coliform		Low	3.8 Miles	
					Agriculture			
					Grazing-Related Sources Other			
					Other			
5	R	Spring Creek, Lower	52440010	A -13 Mins Dusins		.	2.6 161	
				Acid Mine Drainage All resource extraction source.	s are abandoned mines	Low	2.6 Miles	
				All resource extraction source.	Resource Extraction			
				Cadmium	itesource Extraction	Low	2.6 Miles	
				All resource extraction source.	s are abandoned mines.			
					Resource Extraction			
				Copper		Low	2.6 Miles	
				All resource extraction source.				
					Resource Extraction	_		
		•		Zinc	L -	Low	2.6 Miles	
				All resource extraction source	s are abandoned mines. Resource Extraction			
_					Resource Extraction			
5	R	Stanislaus River, Lower	53530000	Dia-t		TY!-L	20 N.T.	2004
				Diazinon		High	59 Miles	2004
				Constant A Book' '1	Agriculture		FO 14"	
				Group A Pesticides TMDL end date: after 2015		Low	59 Miles	
				TMDL ena aate, after 2015	Agriculture			•
					1-6- reason c			





								DIATT
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			•	Mercury		Low	59 Miles	
				TMDL end date: after 2015		20	5)s	
				111122 cha aare. ajter 2015	Resource Extraction			
				Unknown Toxicity	Acsource Extraction	Low	59 Miles	
				TMDL end date: after 2015		Low	3) Miles	
				TMDL ena aute. ajter 2015	Course Welmann			
					Source Unknown			
5	R	Stockton Deep Water Channel, Upper (Port	54400000					
		Turning Basin)			•			
				Dioxin		Low	3.3 Miles	
				This listing was made by USEPA.	TMDL end date: after 2015			
					Point Source			
				Furan Compounds		Low	3.3 Miles	
				TMDL end date: after 2015				
					Contaminated Sediments			
				Pathogens		Medium	3.3 Miles	
				TMDL end date: after 2015				
					Urban Runoff/Storm Sewers			
		•			Recreational and Tourism Acti	ivities (non-boa	ting)	
				PCBs		Low	3.3 Miles	
				This listing was made by USEPA.	TMDL end date: after 2015			
					Point Source			
_	ъ.	Steen - Donah Claush	51031000					
5	R	Strong Ranch Slough	51921000	Chlamonifos		II:_L	C.A. Miles	2002
				Chlorpyrifos		High	6.4 Miles	2003
					Urban Runoff/Storm Sewers			
•				Diazinon		High	6.4 Miles	2003
				The agricultural source of diazin	on for these waterbodies is from a	erial deposition.	•	
					Agriculture			
					Urban Runoff/Storm Sewers			
5	R	Sulphur Creek	51355010					
-		-	0.000010	Mercury		High	2.1 Miles	2004
				All resource extraction sources a	re ahandoned mines	*8		
				711 resource extraction sources a	Resource Extraction			
					resource Dan dellon			
5	R	Sutter Bypass	52030000					
				Diazinon		Medium	19 Miles	
		•			Agriculture			
5	D	Tomple Creek	53140000					
3	R	Temple Creek	33140000	Ammonia		I ow	10 Miles	
					•	Low	10 Willes	
				TMDL end date: after 2015	Dainise			
					Dairies			

DRAFT PROPOSED TMDL **CALWATER** POTENTIAL **TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES **PRIORITY** SIZE AFFECTED COMPLETION **Electrical Conductivity** Low 10 Miles TMDL end date: after 2015 **Dairies** 50620010 Town Creek 0.98 Miles Cadmium Low All resource extraction sources are abandoned mines. Resource Extraction 0.98 Miles Copper Low All resource extraction sources are abandoned mines. Resource Extraction Lead Low 0.98 Miles 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 Diazinon Medium 60 Miles The Lower Tuoluolumne River is impaired by diazinon for 42 miles. Agriculture 60 Miles **Group A Pesticides** Low TMDL end date: after 2015. The Lower Tuolummne River is impaired by Group A Pesticides for 54 miles. Agriculture 60 Miles **Unknown Toxicity** Low TMDL end date: after 2015. The Lower Tuolumne River is impaired by unknown toxicity for 54 miles. Source Unknown 53140000 Walker Slough 5 Pathogens Medium 2.3 Miles Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating) 50620010 5 West Squaw Creek, Lower 1.3 Miles Low Cadmium The lower 2 miles of West Squaw are impaired. Resource Extraction 1.3 Miles Low Copper The lower 2 miles of West Squaw are impaired. Resource Extraction 1.3 Miles Low Lead

The lower 2 miles of West Squaw are impaired.

Resource Extraction





REGION	TVPF	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTE	PROPOSED TMDL D COMPLETION
REGION	TILE	MAINE	WATERSHED	****				
				Zinc		Low	1.3 Mile	S
				The lower 2 miles of West Squa	•			
					Resource Extraction			
5	R	West Squaw Creek, Upper	50620042					
				Cadmium		Low	3.9 Mile	S
				All resource extraction sources	s are abandoned mines.			
					Resource Extraction			
				Copper	~	Low	3.9 Mile	S
				All resource extraction sources				
					Resource Extraction			
				Lead		Low	3.9 Mile	S
				All resource extraction sources				
					Resource Extraction			
				Zinc		Low	3.9 Mile	S
				All resource extraction sources		•		
					Resource Extraction			
5	L	Whiskeytown Reservoir	52461000					
				High Coliform Count		Low	3116 Acre	es s
					Septage Disposal			
-	n	William Create (Whisheadanna)	52463011					
5	R	Willow Creek (Whiskeytown)	52403011	Acid Mine Drainage		Low	6.9 Mile	
				_	s are abandoned mines. TMDL		0.5 14116	s
				An resource extraction source.	Resource Extraction	ena aute. ajter 2015		
				Copper	Resource Extraction	Low	6.9 Mile	·c
					s are abandoned mines. TMDL		0.5 14114	.3
				m resource extraction sources	Resource Extraction	ena aare. agree 2015		
				Zinc	Account to Environment	Low	6.9 Mile	95
					s are abandoned mines. TMDL			~
				,	Resource Extraction			
_	R	Wolf Creek	51632010		۲,			
5	K	WOII CIECK	31032010	Fecal Coliform		Low	23 Mile	•
				A COM COMOT III	A	20.,,	20 1111	
					Agriculture			
					Urban Runoff/Storm Sewe Recreational and Tourism		ting)	
					Recreational and Tourism	wennines (non-non	ung)	

October 15, 2002

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	Regional Board /CER	CLA
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint Source			
6	R	Aurora Canyon Creek	63030040					
				Habitat alterations		Low	8.1 Miles	
				Since creek is not impaired by p	pollutants, a TMDL may not be r	equired under pena	ling revisions to federal	l regulations.
					Range Grazing-Riparian an	d/or Upland		
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			
6	R	Big Meadow Creek	63410011					
				Pathogens		Low	1.4 Miles	
				TMDL end date: after 2015				
					Range Grazing-Riparian an	d/or Upland		
					Natural Sources			
					Recreational and Tourism A	Activities (non-boa	ting)	
6	R	Blackwood Creek	63420021					
				Iron		Low	5.9 Miles	
				TMDL will be completed after	2015. Revision of iron standard	may be considered	befo re th at date.	
					Erosion/Siltation			
					Natural Sources			
				Blidana	Nonpoint Source	Low	5.9 Miles	
				Nitrogen	be addressed during developmen	Low		TMDL in
				needed for Blackwood Creek, i		n oj Lake Tanoe Th	nDL. If a more specyto	IMDUIS
					Silviculture			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/D	estabilization		
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			





REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMD COMPLETION
-	· - -	" · · · · · · · · · · · · · · · · · · ·	Phosphorus		Low	5.9 Miles	<u> </u>
			Phosphorus loading from creek creek is needed, it will be comp	to be addressed during developmer leted after 2015	nt of Lake Tahoe	TMDL; if a more spec	ific TMDL for
				Grazing-Related Sources			
				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	icluding grazing and ti	mber harvest
				Range Grazing-Riparian and/o	or Upland		
				Silviculture			
				Construction/Land Developme	nt		
				Surface Runoff			
				Resource Extraction			
				Hydromodification			
				Streambank Modification/Dest	abilization		
				Erosion/Siltation			
				Atmospheric Deposition			
				Natural Sources			
				Recreational and Tourism Acti	ivities (non-boat	ting)	•
				Nonpoint Source			
6 R Bo	die Creek	63020031					

R Bodie Creek 63020031

Metals

Medium

11 Miles

Affected by drainage from inactive mines, mine tailings in creek.

Resource Extraction

Mine Tailings
Inactive Mining
Nonpoint Source

October 15, 2002

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Bridgeport Reservoir	63030050					
		-		Nitrogen		Low	2614 Acres	
					Grazing-Related Sources			
					Pasture Grazing-Riparian	and/or Upland		
					Other Urban Runoff			
					Highway/Road/Bridge Ru	inoff		
					Wastewater - land disposa	al		
					Flow Regulation/Modifica	ation		
					Removal of Riparian Veg	etation		
					Streambank Modification			
					Channel Erosion			
					Erosion/Siltation			
					Marinas and Recreationa	l Boating		
					Atmospheric Deposition			
					Internal Nutrient Cycling	(primarily lakes)		
					Sediment Resuspension			
					Natural Sources			
					Recreational and Tourism	n Activities (non-boa	ting)	
				Phosphorus		Medium	2614 Acres	
					Grazing-Related Sources			
					Pasture Grazing-Riparia	n and/or Upland		
					Other Urban Runoff			
					Highway/Road/Bridge Ri	unoff		
					Wastewater - land dispos	al		
					Flow Regulation/Modific	ation		
					Removal of Riparian Veg	getation		
					Streambank Modification	n/Destabilization		
					Channel Erosion			
					Erosion/Siltation			
					Marinas and Recreations	al Boating		
					Atmospheric Deposition			
					Internal Nutrient Cycling	g (primarily lakes)		
					Natural Sources			
					Recreational and Tourisi	m Activities (non-boa	ting)	
				Sedimentation/Siltation		Medium	2614 Acres	
					Grazing-Related Sources	:		
					Streambank Modification	n/Destabilization		
					Erosion/Siltation			
					Sediment Resuspension			





Provov	TO OBE	NAME	CALWATER	BOLL LITANT/OTDESCOD+	POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
6	R	Bronco Creek	63520053					
				Sedimentation/Siltation		Medium	1.3 Miles	
				Watershed disturbance in natur				
					Silviculture			
					Natural Sources			
					Nonpoint Source			
6	R	Bryant Creek	63210080					
				Metals		Low	5.2 Miles	
				Affected by acid mine drainage remediation programs.	from Leviathan Mine. Problem b	eing addressed thr	ough RWQCB and CE	RCLA
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Nonpoint Source			
6	R	Buckeye Creek	63040022					
v	•	Duckeye Creek	000100=	Pathogens		Low	17 Miles	
				TMDL to be completed after 20	015			
					Grazing-Related Sources			
					Pasture Grazing-Riparian ar	nd/or Upland		•
					Range Grazing-Riparian and	-		
					Natural Sources	•		
					Recreational and Tourism A	ctivities (non-boa	ting)	
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014					
		,		Other inorganics		Low	18 Miles	
				Listed for violation of percent s completed after 2015	sodium objective. Revision of stan	dard to be conside	red. TMDL, if needed,	to be
				•	Onsite Wastewater Systems	(Septic Tanks)		
					Atmospheric Deposition	•		
					Highway Maintenance and F	Runoff		
					Natural Sources			
					Recreational and Tourism A	ctivities (non-boa	ting)	

October 15, 2002

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

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
-				Phosphorus		Low	18 Miles	
				Revision of standard may be con	nsidered. TMDL, if needed, to be	completed after 20	115	
					Silviculture			
					Habitat Modification			
					Removal of Riparian Vegeta			
					Streambank Modification/E	estabilization		•
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Highway Maintenance and	Runoff		
					Natural Sources			
					Recreational and Tourism A	Activities (non-boa	ting)	
6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012					
		•		Nitrogen		Low	3.6 Miles	
				Revision of standards may be co	onsidered. TMDL , if needed, to	be completed after	2015	
					Pasture Grazing-Riparian a	nd/or Upland		
					Range Grazing-Riparian ar	d/or Upland		
					Agriculture-storm runoff			
					Agriculture-subsurface dra	inage		
					Agriculture-irrigation tailw	ater		
					Silviculture			
					Wastewater - land disposal			
			•		Habitat Modification			
					Removal of Riparian Veget			
					Streambank Modification/I	Destabilization		
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Highway Maintenance and	Runoff		
					Natural Sources			
					Recreational and Tourism			
				Sodium		Low	3.6 Miles	
					Agriculture-storm runoff			
					Agriculture-irrigation tails	ater		
					Agriculture-grazing			
					Wastewater - land disposal			
		•			Onsite Wastewater Systems	(Septic Tanks)		
					Atmospheric Deposition	D		
					Highway Maintenance and	Kunoff		
					Natural Sources	A addudator (*	4:	
					Recreational and Tourism	ACTIVITIES (NON-DOA	ungj	





REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	w	Cinder Cone Springs	63520010	<u> </u>				
•			002013	Nutrients		Low	1 Acres	
				Springs tributary to Truckee Rive	er, affected by subsurface drainage			(disposal
				discontinued 1978). Further mo	nitoring may support delisting.	-	•	-
					Wastewater - land disposal			
				Salinity/TDS/Chlorides		Low	1 Acres	
				Subsurface drainage from forme monitoring may support delisting	r wastewater disposal area. Has no z.	t been monitore	d routinely in recent ye	ars; further
					Wastewater - land disposal			
6	R	Clark Canyon Creek	63030041					
		-		Habitat alterations		Low	5 Miles	
				Creek may be placed on list of ware regulations.	aters impaired by pollution and not	requiring TMD	Ls under pending chan	ges in federal
				· ·	Range Grazing-Riparian and/or	Upland		
6	R	Clearwater Creek	63040051			-		
Ū		Cient Hatel Clerk	00040051	Sedimentation/Siltation		Low	12 Miles	
					ation; additional monitoring may su			
				,	Range Grazing-Riparian and/or			
					Construction/Land Developmen	it		
					Highway Maintenance and Run	off		
6	R	Cottonwood Creek (below LADWP diversion)	60330000					
		,		Flow alterations		Low	1.8 Miles	
				Creek may be placed on list of w regulations.	aters impaired by pollution and not	requiring TML	OLs under pending chan	ges to federal
•				J	Water Diversions			
6	,	Crowley Lake	60310090					
U	L	Cionicy Lake	00310070	Nitrogen		Low	4861 Acres	
				J	ongoing Section 319-funded study			funded study
				of internal nutrient cycling.		.,	g varary varangs	jaoa omay
					Grazing-Related Sources			
					Atmospheric Deposition			
					Internal Nutrient Cycling (prim	arily lakes)		
					Natural Sources			
					Nonpoint Source			

October 15, 2002

DRAFT

REGION TY	PE NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Phosphorus		Low	4861 Acres	
		·	TMDL expected to use data from of internal nutrient cycling.	m ongoing Section 319 -funded stud	dy of nutrient loai	ling and salary-saving	zs funded study
				Grazing-Related Sources			
				Erosion/Siltation			
				Internal Nutrient Cycling (prin	narily 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 Runoff			
				Wastewater			
				Onsite Wastewater Systems (S	eptic Tanks)		
				Marinas and Recreational Boa	iting		
				Atmospheric Deposition			
				Internal Nutrient Cycling (prin	marily lakes)		
				Sediment Resuspension			
				Natural Sources			
				Recreational and Tourism Act	ivities (non-boat	ing)	
			Phoenhe	Nonpoint Source	1	30304	
			Phosphorus		Low	20704 Acres	
				Grazing-Related Sources			
				Silviculture			
				Other Urban Runoff			
				Highway/Road/Bridge Runoff			
				Wastewater	antia Taran		
				Onsite Wastewater Systems (S	-		
				Marinas and Recreational Boa	ung		
				Atmospheric Deposition Internal Nutrient Cycling (print	marily labor		
				Sediment Resuspension	mainy iants)		
				Natural Sources			
				Recreational and Tourism Act	ivities (non-hosti	ing)	
				Nonpoint Source	(non-boat		
				•			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	East Walker River, above Bridgeport Reservoir	63030050				,	
				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 Activ	vities (non-boa	ting)	
6	R	East Walker River, below Bridgeport Reservoir	63030050					
				Nitrogen		Low	8 Miles	
					Grazing-Related Sources			
					Pasture Grazing-Riparian and/	or Upland		
					Range Grazing-Riparian and/o	-		•
					Highway/Road/Bridge Runoff			
					Upstream Impoundment			
					Flow Regulation/Modification			•
					Streambank Modification/Dest	abilization		
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Upstream Impoundment			
				Phosphorus		Low	8 Miles	
				TMDL to be completed after 201	5			
					Pasture Grazing-Riparian and			
			•		Range Grazing-Riparian and/o	r Upland		
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
	,				Upstream Impoundment			
					Flow Regulation/Modification		•	
					Streambank Modification/Dest	abilization		
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
				Sedimentation/Siltation	Upstream Impoundment	Low	8 Miles	
				Scamentation/SHC4tion	Coordina Dalated Communica	LUW	o Mines	
					Grazing-Related Sources Highway/Road/Bridge Runoff			
					Urban RunoffErosion and Se	dimentation		
					Upstream Impoundment	นากเราเสนบก		
					Erosion/Siltation			
					Upstream Impoundment			
					opsicam impoundment			

				<u> </u>				DRAFI
REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL 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				
					Erosion/Siltation			
			4		Atmospheric Deposition			
					Natural Sources			
6	R	Goodale Creek	60330112					
U	IX.	Goodale Citek	00330112	Sedimentation/Siltation		Low	12 Miles	
				Potential for delisting following	a further monitorina	2011	12 Miles	
				7 oleman jor densing johowin	Range Grazing-Riparian and	/or Unland		
					range of along-raparian and	or opiana		
6	R	Gray Creek (Nevada)	63520052	0.11				
				Sedimentation/Siltation		Medium	2.8 Miles	
				Sediment from disturbance of i	naturally highly erosive watershed.			
					Silviculture			
					Natural Sources			
					Nonpoint Source			
6	R	Green Creek	63030050					
				Habitat alterations		Low	16 Miles	
					hydromodification by Dynamo Pon			of waters
				impaired by pollution and not	requiring TMDLs if pending revision	U	ulations take effect.	
					Range Grazing-Riparian and	or Upland		
					Hydromodification			
6	R	Green Valley Lake Creek	62820000					
				Priority Organics		Medium	3.8 Miles	
				Priority organics (source unknown to determine need for listing.	nown) were detected in stream in 19	980s; no monitori	ng since. Stream needs	reevaluation
					Source Unknown			
6	L	Haiwee Reservoir	62410071					
-	=			Copper		High	1703 Acres	2003
				Copper problems related to al	gicide used to prevent taste/odor pi	J		DL.
				development in progress. A de made by the Regional Water Q	etermination of whether or not this Quality Control Board.	water body is a "ı	water of the United State	s" will be
					Other			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Heavenly Valley Creek	63410031					<u> </u>
				Chloride		Low	3.5 Miles	
				TMDL to be completed after 20	015 if needed. (Chloride stand	lard may be revised.)		
					Highway/Road/Bridge R	unoff		
					Atmospheric Deposition			
					Natural Sources			
				5 H 10 H 10 H 1	Source Unknown			_
				Sedimentation/Siltation	! TMDI 1.200	Low	3.5 Miles	(.l Diaman
				Start and end dates refer to sec Trail]. TMDL for reach below (Restoration of this reach plan Improvement Program and ma	Pioneer Trail has Medium p ned as part of Tahoe Regiona	riority and will be com I Planning Agency Reg	pleted after 2015 if nee	ded.
					Construction/Land Deve	lopment		
					Land Development	-		
					Hydromodification			
					Habitat Modification			
					Recreational and Touris	m Activities (non-boat	ting)	
					Nonpoint Source			
6	S	Honey Lake	63710060					
				Arsenic	`	Low	57756 Acres	
				Arsenic is ultimately from natu determine need for TMDL.	ıral sources, but lake is affect	ed by geothermal disch	arges. Further study ne	eded to
					Geothermal Developmen	nt		
					Flow Regulation/Modifi	cation		
					Natural Sources			
				a u u mpa(a)	Nonpoint Source			
				Salinity/TDS/Chlorides		Low	57756 Acres	
				Further study needed to detern		need for IMDL.		
					Agriculture Agricultural Return Flo	NAVE		
					Geothermal Developmen			
					Agricultural Water Dive			
					Sediment Resuspension			
					Natural Sources			
					Nonpoint Source			
6	w	Honey Lake Area Wetlands	63710060		-			
U	**	Tioney Dane Area Wellanus	05/1000	Metals		Low	62590 Acres	
				Additional monitoring needed	to determine extent of impair			
				G	Agriculture	Ť		
					Geothermal Developme	nt		
					Natural Sources			

Nonpoint Source

October 15, 2002

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	s	Honey Lake Wildfowl Management Ponds	63720095					
				Flow alterations		Low	665 Acres	
				Ponds may be placed on separa federal regulations.	ate list of waters impaired by pollu	tion and not needi	ng TMDLs under pena	ling changes to
					Agricultural Water Diversion	ı		
				Metals		Low	665 Acres	
				Further monitoring needed to d	letermine extent of impairment and	i need for TMDL.		
					Agriculture			
					Geothermal Development			
					Natural Sources			
				Salinity/TDS/Chlorides		Low	665 Acres	
				Further monitoring needed to d	letermine extent of impairment and	d need for TMDL.		
					Agriculture			
					Geothermal Development			
					Natural Sources	_		
				Trace Elements		Low	665 Acres	
				Further monitoring needed to a	letermine extent of impairment and	i need for TMDL.		
					Geothermal Development Nurseries			
6	L	Horseshoe Lake (Mojave)	62820000					
				Sedimentation/Siltation		Medium	31 Acres	
				Further monitoring may permit	t delisting.			
					Construction/Land Developm	nent		
6	R	Hot Springs Canyon Creek	63030042					
				Sedimentation/Siltation		Medium	2.9 Miles	
				Listed on basis of limited data;	further monitoring may support d	elisting. TMDL, ij	f needed, to be comple	ed by 2011.□
					Range Grazing-Riparian and	or Upland		
6	R	Indian Creek (Alpine)	63220010					
J		maian Creek (Aspine)	03220010	Habitat alterations		Low	13 Miles	
					water bodies impaired by pollution			visions to
				regulations take effect.	Agriculture			
					Pasture Grazing-Riparian an	d/or Upland		
					Agriculture-irrigation tailwa	-		
					Upstream Impoundment			
					Flow Regulation/Modificatio	n		
					Agricultural Water Diversion			
					Upstream Impoundment			
				Pathogens		Low	13 Miles	
				TMDL end date: after 2015				
					Grazing-Related Sources			
					Pasture Grazing-Riparian an	d/or Upland		





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

REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETIO
6	L	Indian Creek Reservoir	63220010					
				Phosphorus		High	164 Acres	2002
				phosphorus TMDL, first releas	gnificant source of nutrient loading ed in 2000, is planned for revision osphorus loading are expected to d	and recirculation	, with Regional Board o	consideration
				•	Pasture Grazing-Riparian an	d/or Upland		
					Wastewater	_		
					Flow Regulation/Modification	1		
					Erosion/Siltation			
			•		Internal Nutrient Cycling (pr	imarily lakes)		
6	R	Lassen Creek	63720082					
				Flow alterations		Low	8 Miles	
				Under pending revisions to reg than pollutants, and no TMDL	gulations, creek could be placed on would be developed.	a separate list of	waters impaired by pol	lution rather
					Flow Regulation/Modification	1	•	
6	R	Lee Vining Creek	60100035					
				Flow alterations		Low	9 Miles	
				Under pending revisions to reg requiring TMDLs.	gulations, creek could be placed on	a separate list of	waters impaired by poi	lution but not
				•	Flow Regulation/Modification	п		
6	R	Leviathan Creek	63210080					
				Metals		Low	3.2 Miles	
				TMDL development to be coor Mine site.	dinated with ongoing Regional Boo	ard and CERCLA	remediation activities o	at Leviathan
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Erosion/Siltation			
6	R	Mammoth Creek	60310053					
				Metals		Low	12 Miles	
				Needs monitoring to determine	e 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 det	ermine current extent of impairmer	nt and need for Th	MDL.	
				. •	Panga Crazing Dinarian and	/or Unland		

Range Grazing-Riparian and/or Upland

October 15, 2002

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Mill Creek (Mono)	60100031					
-		,		Flow alterations		Low	12 Miles	
				Under pending revisions to regulary and not requiring TMDLs.	ulations, creek could be placed on	a separate list of	water bodies impaired	by pollution
					Water Diversions			
	R	Monitor Creek	63210070					
6	K	Wontor Creek	03210070	Aluminum		Low	4 Miles	
					CERCLA remediation and comple			
				1mbb to be continued with c	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 comple	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 comple	eted after 2015.		
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				Total Dissolved Solids		Low	4 Miles	
				TMDL to be coordinated with (CERCLA remediation and complet	ted after 2015		
		•			Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage		•	
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
6	R	Owens River (Long HA)	60310090					
				Habitat alterations		Low	26 Miles	
				River may be placed on separate federal regulations.	te list of waters impaired by pollu	tion and not needi	ng TMDLS under pendi	ng changes to
					Agriculture			
					Grazing-Related Sources			
					Hydromodification			
					Flow Regulation/Modificatio	n		
6	R	Owens River (Lower)	60330000					
				Habitat alterations		Low	53 Miles	
				River may be placed on separa federal regulations.	te list of waters impaired by pollu	tion and not needi	ng TMDLs under pendi	ng changes in
					Agriculture			
					Hydromodification			
6	R	Owens River (Upper)	60320000					
				Habitat alterations		Low	69 Miles	
				River may be placed on separa federal regulations.	te list of waters impaired by pollu	tion and not needi	ing TMDLs under pendi	ng changes to
					Agriculture			
					Hydromodification			
6	R	Pine Creek (Eagle)	63720010					
Ū		Time Green (Bag-s)		Habitat alterations		Low	55 Miles	
				Creek may be placed on separe federal regulations.	ate list of waters impaired by polli	ution and not need	ing TMDLs under pend	ing changes in
				· -	Grazing-Related Sources			
					Silviculture			
					Highway/Road/Bridge Cons	truction		
					Hydromodification			
					Removal of Riparian Vegeta			
					Streambank Modification/D	estabilization		
					Erosion/Siltation			

								DRAFT
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Pleasant Valley Reservoir	60320000					
		-		Organic Enrichment/Low Disso	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 (Se	eptic Tanks)		
					Natural Sources			
				•	Recreational and Tourism Activ	vities (non-boat	ting)	
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050					
				Pathogens		Medium	9.1 Miles	
				TMDL to be completed after 20				
					Pasture Grazing-Riparian and/	=		
					Onsite Wastewater Systems (Se	eptic Tanks)		
					Natural Sources	vitios (non boot	tina)	
					Recreational and Tourism Acti	vicies (non-DOA)	ung)	
6	R	Rough Creek	63020013	17-1-14-4 -14-m-4*	•			
				Habitat alterations	vatare immained by nothition and an	Low	15 Miles	es to fodoral
				regulations.	vaters impaired by pollution and no	n needing 1MDL	winder penaing chang	es to jeuerat
				<u> </u>	Range Grazing-Riparian and/o	r Upland		
6	R	Skedaddle Creek	63710054					
·				High Coliform Count		Medium	18 Miles	
				USBLM program to mitigate gra	azing impacts has been implemente	d. Further study	may lead to delisting.	
					Range Grazing-Riparian and/o	r Upland		
6	R	Squaw Creek	63520011					
-		The state of the s		Sedimentation/Siltation		Medium	5.8 Miles	
					Construction/Land Developme	nt		
					Other Urban Runoff			
					Hydromodification			
					Drainage/Filling Of Wetlands			
					Highway Maintenance and Ru	noff		
					Natural Sources			
					Recreational and Tourism Acti	ivities (non-boa	ting)	
					Nonpoint Source			





			• /					DRAFI
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Susan River (Downstream of Susanville)	63720095					
•		,		Toxicity		Low	23 Miles	
				More monitoring needed to det	ermine source of toxicity			
					Unknown Nonpoint Source			
6	R	Susan River (upstream of Susanville)	63720020					
U	K	Susan Meet (upstream of Susaneme)	03/20020	Unknown Toxicity		Medium	35 Miles	
				Source of toxicity unknown.				
				Both to by territory minute than	Agriculture			
					Other Urban Runoff			
					Highway Maintenance and R	unoff		
				_	Natural Sources			
					Source Unknown			
					Nonpoint Source		•	
6	R	Swauger Creek	63040012					
ŭ		5g-1		Pathogens		Low	14 Miles	
					Pasture Grazing-Riparian an	d/or Upland		
					Range Grazing-Riparian and			
					Onsite Wastewater Systems (
					Natural Sources			
					Recreational and Tourism Ac	tivities (non-boa	iting)	
				Phosphorus		Low	14 Miles	
					Pasture Grazing-Riparian an	d/or Upland		
					Range Grazing-Riparian and	or Upland		
					Highway/Road/Bridge Runof	f	÷	
					Surface Runoff			
					Streambank Modification/De	stabilization		
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

October 15, 2002 DRAFT

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Tahoe, Lake	63430010					
				Nitrogen		Medium	85364 Acres	•
					Grazing-Related Sources			
					Silviculture			
					Construction/Land Develo	pment		
					Land Development			
					Urban Runoff/Storm Sewe	rs		
					Urban RunoffNon-indust	rial Permitted		
					Other Urban Runoff			
					Highway/Road/Bridge Rui	ıoff		
					Surface Runoff			
					Urban RunoffErosion an	d Sedimentation		
					Hydromodification			
			•		Habitat Modification			
					Removal of Riparian Vege			
					Streambank Modification/			
					Drainage/Filling Of Wetlan	nds		
					Channel Erosion			
					Erosion/Siltation	Dankin -		
					Marinas and Recreational Atmospheric Deposition	Boating		
					Highway Maintenance and	Dunoff		
					Internal Nutrient Cycling			
					Natural Sources	(Primarily lancs)		
					Recreational and Tourism	Activities (non-boa	ting)	
					Golf course activities			
					Groundwater Loadings			
					•			





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

PULLUTANT/STRESSOR*.	SOURCES	PRIORITY	SIZE AFFECTED
Phosphorus		Medium	85364 Acres
	Grazing-Related Sources		
	Silviculture		
	Highway/Road/Bridge Construc	ction	
	Land Development		
	Urban Runoff/Storm Sewers		
	Urban RunoffNon-industrial I	Permitted	
	Other Urban Runoff		
	Highway/Road/Bridge Runoff		
	Urban Runoff-Erosion and Sed	limentation	
	Streambank Modification/Desta	bilization	
	Channel Erosion		
	Erosion/Siltation		
	Atmospheric Deposition		
	Highway Maintenance and Run	off	
	Internal Nutrient Cycling (prim	arily lakes)	
	Sediment Resuspension		
	Natural Sources		
	Recreational and Tourism Activ	vities (non-boati	ng)
	Nonpoint Source		
Sedimentation/Siltation		Medium	85364 Acres
	Grazing-Related Sources		
	Silviculture		
	Highway/Road/Bridge Constru	ction	
	Land Development		
	Urban Runoff/Storm Sewers		
	Other Urban Runoff		
	Highway/Road/Bridge Runoff		
	Urban RunoffErosion and Sec	dimentation	
	Hydromodification		
	Channelization		
	Removal of Riparian Vegetation		
	Streambank Modification/Desta	abilization	
	Channel Erosion		
	Erosion/Siltation		
	Atmospheric Deposition		
	Sediment Resuspension		
	Natural Sources		
	Recreational and Tourism Acti	viues (non-boat	ing)
	Nonpoint Source		

October 15, 2002

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

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	_	·						21(/11.1
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Tallac Creek (below Hwy 89)	63410041					
•				Pathogens		Low	1.3 Miles	
				TMDL end date: after 2015				
				,	Grazing-Related Sources			
					Pasture Grazing-Riparian			
,	-	m: I B :	(022000		5 .			
6	L	Tinemaha Reservoir	60320000	Matala		Medium	984 Acres	
				Metals	-f			4
				of impairment.	of copper sulfate algicide. Further n	noniioring ana a	ssessment neeaea to aet	termine extent
					Other			
6	L	Topaz Lake	63110010					
		•		Sedimentation/Siltation		Medium	928 Acres	
				Additional monitoring and asse	essment needed to document extent o	of impairment.		
				-	Agriculture			
					Streambank Modification/Des	tabilization		
					Erosion/Siltation			
					Nonpoint Source			
6	R	Trout Creek (above Hwy 50)	63410020					
U	K	Hout Creek (above Hwy 50)	03410020	Iron		Low	10 Miles	
					tandards revision to be considered	2011	10 Miles	
				Thibb end dute. Upor 2015 Si	Urban RunoffNon-industrial	Permitted		
					Erosion/Siltation			
					Natural Sources			
				Nitrogen		Low	10 Miles	
				Nitrogen loading from creek to needed for Trout Creek, it will	be addressed during development of	of Lake Tahoe TN	MDL. If a more specific	TMDL is
				necacajor from creen, n vin	Pasture Grazing-Riparian and	Ver Unland		
					Urban RunoffNon-industrial	•		
					Erosion/Siltation			
					Atmospheric Deposition			
				Pathogens		Low	10 Miles	
				•	Source Unknown			
				Phosphorus	Source outdown	Low	10 Miles	
				Phosphorus loading from cree	k to be considered during developm			cific TMDL is
				needed for Trout Creek, it will	• •	1/. T I b. T		
			*		Pasture Grazing-Riparian and	-		
					Urban RunoffNon-industrial	rermitted		
					Erosion/Siltation			
					Atmospheric Deposition		•	





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
6	R	Trout Creek (below Hwy 50)	63410042			-		
				Iron		Low	0.78 Miles	
				TMDL end date: after 2015				
					Urban Runoff-Non-indust	rial Permitted		
					Erosion/Siltation			
					Natural Sources			
				Nitrogen		Low	0.78 Miles	
				Nitrogen loading from creek to needed for Trout Creek, it will		ent of Lake Tahoe TN	ADL. If a more specific	TMDL is
					Urban RunoffNon-indust	rial Permitted		
					Erosion/Siltation	•		
					Atmospheric Deposition			
				Pathogens		Low	0.78 Miles	
				TMDL end date: after 2015				
					Pasture Grazing-Riparian			
					Natural Sources			
					Recreational and Tourism	Activities (non-boa	ting)	
					Transient encampments	_	0.50 5.511	
				Phosphorus		Low	0.78 Miles	C THEN
				Phosphorus loading from creet needed for Trout Creek, it will		oment of Lake Tahoe	t IMDL. If a more speci	ijic IMDL is
					Urban Runoff-Non-indust	rial Permitted		
					Erosion/Siltation			
					Atmospheric Deposition			
6	R	Truckee River	63510010					
				Sedimentation/Siltation		Medium	39 Miles	
				Watershed disturbance includi management; highly erosive su	ng ski resorts, silvicultural activ ıbwatersheds.	ities, urban developi	ment, reservoir constru	ction and
					Range Grazing-Riparian a	nd/or Upland		
					Silviculture			
					Construction/Land Develo	pment		
					Highway/Road/Bridge Cor	struction		
					Streambank Modification/	Destabilization		
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
			•		Recreational and Tourism	Activities (non-boa	iting)	

Snow skiing activities Nonpoint Source

October 15, 2002

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Truckee River, Upper (above Christmas G3410010	REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
TMDL end date: after 2015 Natural Sources Pathogens Low 4.5 Miles	6	R		63410010					
Natural Sources Pathogens Low 4.5 Miles			•		Iron		Low	4.5 Miles	
Pathogens Low 4.5 Miles TMDL end date: after 2015 Grazing-Related Sources Natural Sources Natural Sources Natural Sources Recreational and Tourism Activities (non-boating) Phosphorus Phosphorus to be addressed during development of Lake Tahne TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2013. Grazing-Related Sources Sliviculure Natural Sources Truckee River, Upper (below Christmas) Address of the Upper Truckee River, it will be completed after 2013. TMDL end date: after 2015 Source Unknown Nonpoint Source Unknown Nonpoint Source Unknown TMDL end date: after 2015 Source Unknown Pathogens Low 11 Miles Source Unknown Phosphorus Low 11 Miles Phosphorus Low 11 Miles Phosphorus Low 11 Miles Source Unknown Phosphorus Low 11 Miles Phosphorus Low 12 mines specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture ConstructionLand Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification Cestabilization Erroin/Siltation Streambank Modification Cestabilization Erroin/Siltation					TMDL end date: after 2015				
TMDL end date: after 2015 Final Content of Content o						Natural Sources			
Crazing-Related Sources Natural Sources Na					Pathogens		Low	4.5 Miles	
Natural Sources Recreational and Tourism Activities (non-boating) Phosphorus Low 4.5 Miles					TMDL end date: after 2015				
Recreational and Tourism Activities (non-boating)						•			
Phosphorus									
Phosphorus loading from river to be addressed during development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Grazing-Related Sources Silviculture Natural Sources Iron TMDL end date: after 2015 Erosion/Siltation Natural Sources Unknown Nonpoint Source Nitrogen Low 11 Miles Nource Unknown Pathogens Low 11 Miles Source Unknown Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Natural Sources Unknown Pathogens Low 11 Miles Source Unknown Phosphorus Low 11 Miles Source Unknown Phosphorus Low 11 Miles Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Recreational and Tourism Acti	-	-	
needed for the Upper Truckee River, it will be completed after 2015. Grazing-Related Sources Silviculture Natural Sources 6 R Truckee River, Upper (below Christmas Silviculture) Valley) Iron Low 11 Miles TMDL end date: after 2015 Erosion/Siltation Natural Source Erosion/Siltation Natural Source Unknown Nonpoint Source Nitrogen Low 11 Miles Source Unknown Pathogens Low 11 Miles Source Unknown Phosphorus Phosphorus Low 11 Miles Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Silitation					<u>-</u>				
Silviculture Natural Sources R Truckee River, Upper (below Christmas 63410042 Valley) Iron Iron Iron Erosion/Siltation Natural Sources Unknown Nonpoint Source Nitrogen Nitrogen Pathogens Source Unknown Pathogens Source Unknown Phosphorus Source Unknown Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Erosion/Siltation Erosion/Siltation Erosion/Siltation Erosion/Siltation Erosion/Siltation Erosion/Siltation Erosion/Siltation In Miles All Miles								TMDL. If a more speci	fic TMDL is
Natural Sources Unknown Nonpoint Source Natural Source N						Grazing-Related Sources			
6 R Truckee River, Upper (below Christmas Valley) Iron Iron Erosion/Siltation Natural Sources Unknown Nonpoint Source Nitrogen Source Unknown Pathogens Low 11 Miles Source Unknown Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation									
Valley) Iron TMDL end date: after 2015 Erosion/Siltation Natural Sources Unknown Nonpoint Source Nitrogen Source Unknown Pathogens Low 11 Miles Source Unknown Phosphorus Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Natural Sources			
Iron TMDL end date: after 2015 Erosion/Siltation Natural Sources Unknown Nonpoint Source Nitrogen Source Unknown Pathogens Low 11 Miles Source Unknown Phosphorus Phosphorus Low 11 Miles Frosion/Siltation Erosion/Siltation Erosion/Siltation Erosion/Siltation	6	R		63410042					
Erosion/Siltation Natural Sources Unknown Nonpoint Source Nitrogen Source Unknown Pathogens Source Unknown Source Unknown Phosphorus Source Unknown Phosphorus Source Unknown Phosphorus Low 11 Miles Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation			•,		Iron		Low	11 Miles	
Natural Sources Unknown Nonpoint Source Nitrogen Source Unknown Pathogens Source Unknown Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation					TMDL end date: after 2015				
Nitrogen Nitrogen Source Unknown Pathogens Source Unknown Phosphorus Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Erosion/Siltation			
Nitrogen Source Unknown Pathogens Source Unknown Phosphorus Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Natural Sources			
Source Unknown Pathogens Source Unknown Phosphorus Low 11 Miles Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Unknown Nonpoint Source			
Pathogens Source Unknown Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation					Nitrogen		Low	11 Miles	
Source Unknown Phosphorus Phosphorus I Miles Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Source Unknown		•	
Phosphorus Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation					Pathogens		Low	11 Miles	
Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL. If a more specific TMDL is needed for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Source Unknown			
for the Upper Truckee River, it will be completed after 2015. Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification Erosion/Siltation					Phosphorus		Low	11 Miles	
Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation							Lake Tahoe TMI	DL. If a more specific I	TMDL is needed
Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation					, 1	•			
Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Construction/Land Developme	nt		
Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation						Hydromodification			
Streambank Modification/Destabilization Erosion/Siltation						Channelization			
Erosion/Siltation						Removal of Riparian Vegetation	n		
							abilization	•	
Atmospheric Deposition						Erosion/Siltation			
						= = =			
Highway Maintenance and Runoff							noff		
Natural Sources									
Unknown Nonpoint Source						Unknown Nonpoint Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Tuttle Creek	60330140					
				Habitat alterations		Low	13 Miles	
				Creek may be placed on separate federal regulations.	e list of waters impaired by pollution	n and not needi	ng TMDLs under pendi	ng changes in
					Range Grazing-Riparian and/or	Upland		
6	L	Twin Lakes (Mammoth)	60310051					
		·		Nitrogen		Low	26 Acres	
				Monitoring needed to confirm ex	xtent of impairment and need for TM	IDL.		
					Agriculture			
					Grazing-Related Sources			
		•			Construction/Land Developmen	it		
					Land Development			
					Other Urban Runoff			
				Phosphorus	Atmospheric Deposition	Low	26 Acres	
				•	legree of impairment and need for Th		20 /10103	
				omogcaca to confirm a	Agriculture			
					Grazing-Related Sources			
					Construction/Land Developmen	ıt		
					Land Development			
					Other Urban Runoff			
6	R	Ward Creek	63420020					
				Iron		Low	5.7 Miles	
				TMDL end date: after 2015				
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion Erosion/Siltation			
					Erosion/Siliation Natural Sources			
				Nitrogen	ratural Sources	Low	5.7 Miles	
				-	be addressed during development of			TMDL is
				needed for Ward Creek, it will b			, ,	
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition Natural Sources			
					natural Sources			

October 15, 2002

DRAFT

PROPOSED TMDL **CALWATER POTENTIAL TMDL ESTIMATED** REGION TYPE NAME WATERSHED POLLUTANT/STRESSOR* SOURCES **PRIORITY** SIZE AFFECTED COMPLETION Phosphorus Low 5.7 Miles 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 63110060 West Walker River 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 63210031 Wolf Creek (Carson) Sedimentation/Siltation 12 Miles Low Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source 72310000 7 Alamo River Pesticides Low 57 Miles Pesticides may be contained in agricultural return flows. Elevated fish tissue levels. Toxic bioassay results. Agricultural Return Flows Selenium Low 57 Miles Selenium originates from Upper Basin Portion of Colorado River. Elevated fish tissue levels.

Agricultural Return Flows





								DRAFI
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
7	R	Coachella Valley Storm Channel	71947000					
				Pathogens		Medium	69 Miles	
					Source Unknown			
7	R	Imperial Valley Drains	72310000					
•	•	p	.20.000	Pesticides		Low	1222 Miles	
				Elevated fish tissue levels and	toxic bioassay results			
					Agricultural Return Flows			
				Sedimentation/Siltation		High	1222 Miles	2004
					Agricultural Return Flows			
				Selenium		Low	1222 Miles	
				Selenium originates from Uppe	er basin Portion of colorado River.	Elevated fish tiss	ue levels.	
					Agricultural Return Flows			
7	R	New River (Imperial)	72310000					
				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	
				Regional Board proposes to es	tablish TMDL in cooperation with			
					Major Municipal Point Sourc weather discharge	e-dry and/or we	I .	
					Agricultural Return Flows			
					Out-of-state source			
				Organic Enrichment/Low Dis	solved Oxygen	Medium	66 Miles	
					Wastewater			
					Inappropriate Waste Disposa	l/Wildcat Dumpi	ing	
					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			

		CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTE	
			p-Dichlorobenzene (DCB)		Low	66 Miles	1
				Industrial Point Sources			
				Out-of-state source	_		•
			Pesticides		Low	66 Miles	
				Agricultural Return Flows			
			Sedimentation/Siltation	Out-of-state source	High	66 Miles	2002
			Stamentation/Station	Agricultural Return Flows	IIIg.	oo Mines	, 2002
			Toluene	Agricultural Return Flows	Low	66 Miles	:
			Totalene	Industrial Point Sources	2011	oo Mines	•
				Out-of-state source			
			Trash		Medium	66 Miles	;
	•			Out-of-state source			
			Volatile Organics/VOCs		Low	66 Miles	i
				Out-of-state source			
7 R	Palo Verde Outfall Drain	71540000					
,	THIS FEIGH GALLER DIVIN	7.0.000	Pathogens		Medium	7.4 Miles	;
			-	Source Unknown			
7 S	Salton Sea	72800000					
, 3	Sanon Sta	7200000	Nutrients		High	233340 Acres	2004
				Major Industrial Point Source	_		
				Agricultural Return Flows			
				Out-of-state source			
			Salinity		Low	233340 Acres	
			TMDL development will not be federal, local, and state coope	e effective in addressing this problem ration.	ı, which will req	uire an engineering s	olution with
				Agricultural Return Flows			
				Out-of-state source			
			Selenium	Point Source	Medium	233340 Acres	
			Selenium	A 1 M ADA D	Medium	255540 Acres	
				Agricultural Return Flows			
8 L	Big Bear Lake	80171000					
		•	Copper		Medium	2865 Acres	S
			24.	Resource Extraction	34	20/5	
			Mercury	.	Medium	2865 Acres	5
			Matala	Resource Extraction	Modium	2065 A	
			Metals	D. Future d'en	Medium	2865 Acre	•
				Resource Extraction			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Noxious aquatic plants		Medium	2865 Acres	
					Construction/Land Development	nt		
				Nutrients		Medium	2865 Acres	
					Construction/Land Development Snow skiing activities	nt		
•				Sedimentation/Siltation		Medium	2865 Acres	
					Construction/Land Developmen	nt		
					Snow skiing activities Unknown Nonpoint Source			
0	ъ	P. J. C. H. Cook	00111000		Onknown Homponic Source			
8	R	Buck Gully Creek	80111000	Fecal Coliform		Low	0.3 Miles	
				Listing is downstream of Pacific	Coast Highway.	LUW	v.5 willes	
				and a second came of a degree	Source Unknown			
				Total Coliform		Low	0.3 Miles	
				Listing is downstream of Pacific	• •			
					Source Unknown			
8	L	Canyon Lake (Railroad Canyon Reservoir)	80211000					
				Nutrients		Low	453 Acres	
				Dathanna	Nonpoint Source	T	452 4	
				Pathogens	N 1.0	Low	453 Acres	
					Nonpoint Source			
8	R	Chino Creek Reach 1	80121000	**				
				Nutrients		Medium	7.8 Miles	
					Agriculture Dairies			
				Pathogens	Danies	Medium	7.8 Miles	
				8*****	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					
		•		High Coliform Count		Medium	9.6 Miles	
					Unknown Nonpoint Source			

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

PROPOSED TMDL **CALWATER** POTENTIAL **TMDL ESTIMATED** POLLUTANT/STRESSOR* REGION TYPE NAME WATERSHED SOURCES **PRIORITY** SIZE AFFECTED COMPLETION Elsinore, Lake 80231000 Nutrients High 2431 Acres 2004 **Unknown Nonpoint Source** Organic Enrichment/Low Dissolved Oxygen High 2431 Acres 2004 Unknown Nonpoint Source Sedimentation/Siltation High 2431 Acres 2004 Urban Runoff/Storm Sewers 2004 **Unknown Toxicity** High 2431 Acres **Unknown Nonpoint Source** 80221000 Fulmor, Lake Pathogens Low 4.2 Acres Unknown Nonpoint Source **Grout Creek** 80171000 Medium 3.5 Miles Metals **Unknown Nonpoint Source** Nutrients Medium 3.5 Miles **Unknown Nonpoint Source** 8 C **Huntington Beach State Park** 80111000 5.8 Miles Enterococci Low Impaired 50 yards around drain at Magnolia. Source Unknown **Huntington Harbour** 80111000 Low 221 Acres Pathogens Urban Runoff/Storm Sewers 80171000 Knickerbocker Creek Metals Medium 2 Miles **Unknown Nonpoint Source Pathogens** Medium 2 Miles **Unknown Nonpoint Source** 80111000 Los Trancos Creek (Crystal Cove Creek) Fecal Coliform Low 0.19 Miles Listing is downstream of Pacific Coast Highway. Source Unknown **Total Coliform** 0.19 Miles Low Listing is downstream of Pacific Coast Highway. Source Unknown





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	R	Lytle Creek	80141000					
•				Pathogens		Low	41 Miles	
					Unknown Nonpoint Source			
8	R	Mill Creek (Prado Area)	80121000					
0	••	Storm (* theo total)		Nutrients	•	Medium	1.6 Miles	
					Agriculture Dairies			
				Pathogens		Medium	1.6 Miles	
					Dairies			
				Suspended solids		Medium	1.6 Miles	
					Dairies			
8	R	Mill Creek Reach 1	80156000					
0	N	WHIII CITEER REACH 1	00130000	Pathogens		Low	12 Miles	
				8	Unknown Nonpoint Source	-		
	_	MIII G. I. D. I. G.	00170000		Olimonn Hompoint Dout CC			
8	R	Mill Creek Reach 2	80158000	Pathogens		Low	12 Miles	
				Pathogens	Unknown Non-si-4 C	LUW	12 ivilles	
					Unknown Nonpoint Source			
8	R	Mountain Home Creek	80158000			_		
				Pathogens		Low	3.7 Miles	
					Unknown Nonpoint Source			
8	R	Mountain Home Creek, East Fork	80158000					
				Pathogens		Low	5.1 Miles	
					Unknown Nonpoint Source			
8	В	Newport Bay, Lower	80114000					
Ť	_	•		Metals		High	767 Acres	2004
					Urban Runoff/Storm Sewers Contaminated Sediments	-		
			•		Boatyards			
		•		Pesticides	www.jmi wu	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					
J	==	por - maj, opper (meniogical reserve)		Metals		Low	653 Acres	
					Urban Runoff/Storm Sewers			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
	-			Pesticides		High	653 Acres	2003
					Agriculture			
					Unknown Nonpoint Source			
8	С	Orange County Beaches		TaL		Law	20 Miles	
				Trash	Urban Runoff/Storm Sewers	Low	20 Wiles	
					Atmospheric Deposition			
					Recreational and Tourism Acti	vities (non-boa	ting)	
					Boat Discharges/Vessel Wastes			
8	L	Prado Park Lake	80121000					
				Nutrients		Low	90 Acres	
				Dethanas	Nonpoint Source	Madium	90 Acres	
				Pathogens	Nonnaint Causes	Medium	90 Acres	
					Nonpoint Source			
8	R	Rathbone (Rathbun) Creek	80171000	Nutrients		Medium	4.7 Miles	
				Nutrients	Snow skiing activities	1416414111	AIT NAMES	
					Unknown Nonpoint Source			
				Sedimentation/Siltation		Medium	4.7 Miles	
					Snow skiing activities			
					Unknown Nonpoint Source			
8	R	San Diego Creek Reach 1	80111000				70 M	
				Fecal Coliform		Low	7.8 Miles	
					Urban Runoff/Storm Sewers Other Urban Runoff			
				Pesticides	Omei Orban Runoii	Medium	7.8 Miles	
					Unknown Nonpoint Source			
8	R	San Diego Creek Reach 2	80111000					
ŭ		San Diego Creek Rouen 2		Metals		High	6.3 Miles	2004
					Urban Runoff/Storm Sewers			
				Unknown Toxicity		Low	6.3 Miles	
					Unknown Nonpoint Source			
. 8	R	Santa Ana River, Reach 3	80121000					
				Pathogens		Medium	26 Miles	
					Dairies			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	R	Santa Ana River, Reach 4	80127000					
				Pathogens		Low	14 Miles	
				•	Nonpoint Source			
8	R	Santiago Creek, Reach 4	80112000					
				Salinity/TDS/Chlorides	•	Low	9.8 Miles	
					Source Unknown			
8	C	Seal Beach	80111000			_		
				Enterococci Impaired 50 yards around drai	in at 1st Street	Low	0.53 Miles	
				impuirea 30 yarus arouna arai	Source Unknown			
8	R	Silverado Creek	80112000					
v			*********	Pathogens		Low	11 Miles	
		•			Unknown Nonpoint Source			
				Salinity/TDS/Chlorides		Low	11 Miles	
					Unknown Nonpoint Source			
8	R	Summit Creek	80171000		•			
				Nutrients		Medium	1.5 Miles	
					Construction/Land Developme	ent		
9	R	Agua Hedionda Creek	90431000	Total Dissolved Solids		Low	12 Miles	
				Total Dissolved Solids	Urban Runoff/Storm Sewers	Low	12 Wines	
					Unknown Nonpoint Source			
					Unknown point source			
9	E	Agua Hedionda Lagoon	90431000	•				
				Bacteria Indicators		Medium	240 Acres	
					Nonpoint/Point Source			
				Sedimentation/Siltation Aquatic life impairments.		Medium	240 Acres	
				Aquatic tije impairments.	Nonpoint/Point Source			
9	E	Aliso Creek (mouth)	90113000		•			
,	2	Auso Creek (mouth)	70113000	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			

projecti		NAME	CALWATER	POLLUTANT/STRESSOR*	POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	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			
					Unknown point source			
				Toxicity		Medium	20 Miles	
				Aliso Creek Water Quality Pla	nning Study indicates organophosph	hate pesticides a	re a significant of aquat	tic toxicity.
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source Unknown point source			
		•			Ouknown bount 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					
	-			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.				
					Nonpoint/Point Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Chollas Creek 908.22	90822000					
				Bacteria Indicators		Medium	5.7 Miles	
					Nonpoint/Point Source			
				Cadmium		High	5.7 Miles	2004
				Elevated levels in stormwater.	Nonpoint/Point Source			
				Copper	Nonpoint out Source	High	5.7 Miles	2004
				Elevate'd levels in stormwater.		9		
					Nonpoint/Point Source			
				Lead		High	5.7 Miles	2004
				Elevated levels in stormwater.				
				Taulaites	Nonpoint/Point Source	High	5.7 Miles	2002
				Toxicity Toxicity in stormwater.		High	5.7 Miles	2002
				Toxicity in stormwater.	Nonpoint/Point Source			
				Zinc	•	High	5.7 Miles	2004
				Elevated levels in stormwater.				
					Nonpoint/Point Source			
9	R	Cloverdale Creek	90532000					
				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	II. I D	LOW	4.5 Willes	
					Urban Runoff/Storm Sewers Unknown Nonpoint Source			
					Unknown point source			
9	В	Dana Point Harbor	90114000		•			
y	D	Dana Foint Harbor	30114000	Bacteria Indicators		Medium	89 Acres	
					Recreational and Tourism Act		-	
				Copper		Low	89 Acres	
				Listing based on dissolved copp	per concentrations.			
				·	Marinas and Recreational Box	iting		
					Nonpoint Source			
9	E	Famosa Slough and Channel 906.40	90711000					
				Eutrophic		Medium	36 Acres	
				Aquatic life impairments.	Name to A Co			
					Nonpoint Source			

PROPOSED TMDL POTENTIAL **CALWATER TMDL ESTIMATED** WATERSHED POLLUTANT/STRESSOR* SOURCES **PRIORITY** SIZE AFFECTED COMPLETION REGION TYPE NAME 90523000 9 Felicita Creek R 2.7 Miles **Total Dissolved Solids** Low **Agricultural Return Flows** Urban Runoff/Storm Sewers Flow Regulation/Modification **Unknown Nonpoint Source** Unknown point source 90712000 Forester Creek 12 Miles Fecal Coliform Medium Urban Runoff/Storm Sewers Spills **Unknown Nonpoint Source** Unknown point source 12 Miles Low pН Industrial Point Sources Habitat Modification Spills **Unknown Nonpoint Source** Unknown point source 12 Miles **Total Dissolved Solids** Low **Agricultural Return Flows** Urban Runoff/Storm Sewers Flow Regulation/Modification **Unknown Nonpoint Source** Unknown point source Green Valley Creek 90522000 9 5.7 Miles **Sulfates** Low Urban Runoff/Storm Sewers **Natural Sources Unknown Nonpoint Source** Unknown point source 90311000 Guajome Lake 903.11 Medium 12 Acres Eutrophic Nonpoint/Point Source 9 90521000 Hodges, Lake 409 Acres Color Low **Urban Runoff/Storm Sewers Unknown Nonpoint Source** Unknown point source





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrogen		Low	409 Acres	
					Agriculture			
					Dairies			
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
				1	Unknown point source			
				Phosphorus		Low	409 Acres	
					Agriculture			
					Dairies			
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
				m /	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					
				Total Dissolved Solids		Low	4.7 Miles	
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					Unknown Nonpoint Source			
					Unknown point source			
9	E	Loma Alta Slough	90410000					
				Bacteria Indicators		Low	70 Acres	
					Nonpoint Source			
				Eutrophic	-	Low	70 Acres	
					Nonpoint Source			
^	r	I an Danasanitan I and	00/1000					
9	E	Los Penasquitos Lagoon	90610000	Sadirmantation (Cité. 1)		M.J.	407	
				Sedimentation/Siltation		Medium	487 Acres	
				Aquatic life impairments.	Nannaint/Paint Carres			
					Nonpoint/Point Source			
9	В	Mission Bay (at Rose Canyon and Tecolote	90752000					
		Creek)		Ractaria Indiant		Mod:	2022 *	
				Bacteria Indicators		Medium	2032 Acres	
					Nonpoint/Point Source			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Eutrophic	_	Medium	2032 Acres	
				One acre of Mission Bay impair impairments.	red by eutrophication, at Tecolote (Creek inflow and	Rose Creek Inlet. Aque	atic life
					Nonpoint/Point Source			
				Lead		Medium	2032 Acres	
				One acre of Mission Bay impai	red by lead at Tecolote Creek inflor Nonpoint/Point Source	w and Rose Cree	k inlet. Aquatic life imp	pairments.
9	R	Murrieta Creek	90232000		•			
,	K	Multitud Citer	70232000	Phosphorus		Low	14 Miles	
				•	Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	C	Pacific Ocean Shoreline, Aliso Beach HSA 901.13	90113000					
		70.112		Bacteria Indicators		Medium	1.1 Miles	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Buena Vista	90421000		-			
,	C	(Lagoon) HA 904.20	90421000					
				Bacteria Indicators		Low	0.56 Miles	
				,	Nonpoint/Point Source			
9	С	Pacific Ocean Shoreline, Dana Point HSA	90114000		•			
-		901.14						
				Bacteria Indicators		Medium	8.5 Miles	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Escondido Creek	90461000					
		HA 904.60					2 = 140	
				Bacteria Indicators		Low	2.7 Miles	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Laguna Beach and	90112000					
		San Joaquin Hills HSAs		Bacteria Indicators		Medium	2.5 Miles	
				Dacteria indicators	Nampoint/Boint Course	Mediani	2.5 Whits	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Loma Alta HSA,	90410000					
		904.10		Bacteria Indicators		Low	3 Miles	
					Nonpoint/Point Source			
					Supomer ome bource			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9		Pacific Ocean Shoreline, Lower San Juan	90120000					•
		HSA 901.27		Bacteria Indicators		Medium	0.37 Miles	
					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 Beau	ch at Beach Road, which is also imp Nonpoint/Point Source	paired due to bai	cterial indicators.	
9		Pacific Ocean Shoreline, San Diego HU 907.00	90711000					
				Bacteria Indicators		Medium	16 Miles	
					Nonpoint/Point Source			
9	С	Pacific Ocean Shoreline, San Dieguito HU 905.00	90511000			_		
				Bacteria Indicators	Name at a 400 to 100	Low	3.5 Miles	
_	_	D (5) O 21 11 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0044400-		Nonpoint/Point Source			
9	С	Pacific Ocean Shoreline, San Joaquin Hills	90111000	Bacteria		Low	3.5 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source Unknown point source			
9	C	Pacific Ocean Shoreline, San Luis Rey HU 903.00	90311000		-			
				Bacteria Indicators		Low	2.5 Miles	
	•				Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, San Marcos HA 904.50	90451000					
				Bacteria Indicators		Low	7 Miles	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Scripps HA 906.30	90630000	Denoted I. V.		B.4 31	44 344	
				Bacteria Indicators	Nonpoint/Point Source	Medium	13 Miles	
^	~	Parisa Ocean Chamille Mills VIV 044 02	D1111000		rvoupoinox omit source			
9	С	Pacific Ocean Shoreline, Tijuana HU 911.00	91111000	Bacteria Indicators		Low	3.3 Miles	
					Nonpoint/Point Source			

October 15, 2002 DRAFT

REGION	TVPF	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL
L				TOLLOTANTIOTRESSOR	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
9	R	Pine Valley Creek (Upper)	91141000					
				Enterococci		Medium	22 Miles	
					Grazing-Related Sources			
					Concentrated Animal Feeding	Operations		
					(permitted, point source)			
					Transient encampments			
9	R	Prima Deshecha Creek	90130000					
				Phosphorus		Low	3.2 Miles	
				•	Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Turbidity	Onknown point source	Low	3.2 Miles	
		•		1 di Didity		LOW	3.2 Willes	
					Urban Runoff/Storm Sewers	-		
					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	eptic Tanks)		
					Nonpoint/Point Source	•		
				Phosphorus	•	High	9.8 Miles	2002
					Agricultural Return Flows	-		
					Other Urban Runoff			
					Nurseries			
					Onsite Wastewater Systems (So	entic Tanks)		
					Nonpoint/Point Source	·p···· ·		
					po			
9	С	San Diego Bay Shoreline, Lindbergh HSA	90821000					
		908.21		Bacteria Indicators		B#-4!	. 10 140	
				Bacteria indicators		Medium	10 Miles	
					Nonpoint/Point Source			
9	С	San Diego Bay Shoreline, Telegraph	90911000					
		_ · · · · · · · · · · · · · · · · · · ·		Bacteria Indicators		Medium	2.4 Miles	
					Nonpoint/Point Source			
					Jupoma z omi boui ce			





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	С	San Diego Bay Shoreline; Shelter Island	90810000					
		Shoreline Park		Bacteria Indicators		T a	0.6 Miles	
				Bacteria muicators	Halanana Namada Cara	Low	0.6 Miles	
					Unknown Nonpoint Source Unknown point source			
	_	Compliance Provide and the Compliance of the Com	01010000		Cikilowii point source			
9	С	San Diego Bay Shoreline; Tidelands Park	91010000	Bacteria Indicators		Low	0.27 Miles	
				Date in march of	Unknown Nonpoint Source	20	ois, miles	
					Unknown point source			
9	В	San Diego Bay, between Sampson and 28th	90822000		•			
,		Streets	70322000					
				Copper		Low	48 Acres	
					Nonpoint/Point Source			
				Mercury		Low	48 Acres	
				B	Nonpoint/Point Source	_	40 .	
				PAHs		Low	48 Acres	
				PCBs	Nonpoint/Point Source	Low	48 Acres	
				rebs	Nonpoint/Point Source	Low	46 Acres	
				Zinc	Nonpoint/Foint Source	Low	48 Acres	
					Nonpoint/Point Source			
9	D	San Diago Pay, many Coronado Bridge	90822000					
9	В	San Diego Bay, near Coronado Bridge	90822000	Benthic Community Effects		Medium	36 Acres	
				· · · ·	Nonpoint/Point Source			
				Sediment Toxicity		Medium	36 Acres	
					Nonpoint/Point Source			•
9	В	San Diego Bay; at mouth of Switzer Creek	90821000					
	-	2-1-2-1-gc 2-1-1, 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		Chlordane		Medium	5.5 Acres	
					Urban Runoff/Storm Sewers			
					Other			
					Boatyards			
				I :udono	Nonpoint/Point Source	N# a disses	5.5 A	
				Lindane	Urban Runoff/Storm Sewers	Medium	5.5 Acres	
					Other			
					Boatyards			
					Nonpoint/Point Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDI COMPLETION
				PAHs		Medium	5.5 Acres	
					Urban Runoff/Storm Sewers			
					Other			
				•	Boatyards			
					Nonpoint/Point Source			
9	В	San Diego Bay; B Street Pier	90821000			_		
				Bacteria		Low	10 Acres	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
0 12				Unknown point source				
9 B	San Diego Bay; Chula Vista Marina	90912000	B			47		
			Bacteria		Low	47 Acres		
				Urban Runoff/Storm Sewers	A:			
				Marinas and Recreational Boa Boatyards	ung			
					Boat Discharges/Vessel Wastes	:		
•	В	San Diego Bay; Downtown Anchorage	90821000		•			
9	D	San Diego Bay, Downtown Anchorage	30821000	Benthic Community Effects		Medium	7.4 Acres	
				,	Nonpoint/Point Source			
				Sediment Toxicity	pomaz om ovat ee	Medium	7.4 Acres	
				Aquatic life impairments.				
					Nonpoint/Point Source			
9	В	San Diego Bay; G Street Pier	90821000		•			
		-		Bacteria		Low	9.2 Acres	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	В	San Diego Bay; Near Chollas Creek	90822000					
	•			Benthic Community Effects	•	Medium	14 Acres	
				Aquatic life impairments.	T			
				C-4: T:-:-	Nonpoint/Point Source	Medium	14 Acres	
				Sediment Toxicity Aquatic life impairments.		Medium	14 Acres	
				пуши принтепь.	Nonpoint/Point Source			
•	D	Can Diago Day Naga Sub Dago	90810000					
9 B	B	San Diego Bay; Near Sub Base	30910000	Benthic Community Effects		Medium	16 Acres	
				Nannaint/Paint Sauras				
					Nonpoint/Point Source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sediment Toxicity		Medium	16 Acres	
				Aquatic life impairments.	Nonpoint/Point Source			
•		Con Diana Book North Cattle Court P.	00022000		Monpounds out Source			
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		Medium	10 Acres	
				Aquatic life impairments.	N 1 (0) 1 (0)			
					Nonpoint/Point Source			
9	В	San Diego Bay; San Diego Naval Station	90831000	Benthic Community Effects		Medium	75 Acres	
				•	Nonpoint/Point Source			
				Sediment Toxicity		Medium	75 Acres	
				Aquatic life impairments.	Nonpoint/Point Source			
9	В	San Diego Bay; Seventh Street Channel	90832000					
,		San Diego Day, Seventi Street Chaine.	× 0002000	Benthic Community Effects		Medium	9.1 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity Aquatic life impairments.		Medium	9.1 Acres	
				л <i>чиине принтены.</i>	Nonpoint/Point Source			
9	В	San Diego Bay; Shelter Island Yacht Basin	90810000					
				Copper		High	185 Acres	2003
				Aquatic life impairments. Diss	olved copper. Nonpoint/Point Source			
9	В	San Diego Bay; Vicinity of B St and	90821000					
		Broadway Piers					00 4	
				Benthic Community Effects Aquatic life impairments.		Medium	9.9 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	9.9 Acres	
				Aquatic life impairments.	Nonpoint/Point Source			
9	R	San Diego River (Lower)	90711000		-			
-				Fecal Coliform		Low	14 Miles	
					Urban Runoff/Storm Sewers			
					Wastewater Nonpoint/Point Source			
					•			

October 15, 2002

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

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			CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
				Organic Enrichment/Low Dis-	solved 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					
				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.	N			
					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					
	~	5 6.1 (5) / 5	7 7	Bacteria Indicators		Medium	88 Acres	
					Nonpoint/Point Source			
					ronponior out source			
9	R	San Luis Rey River	90311000	011 11		T.	03 34"	
				Chloride		Low	93 Miles	
		•			Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
		•			Unknown point source			





REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	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			
	_		00222000		Control of the contro			
9	R	Sandia Canyon	90222000	Total Dissolved Solids		Low	9.3 Miles	
				Total Dissolved Solids	Urban Runoff/Storm Sewers	230	7.0	
					Flow Regulation/Modification			
					Natural Sources			
					Unknown Nonpoint Source			
					Unknown point source			
9	E	Santa Margarita Lagoon	90211000					
	_			Eutrophic		High	145 Acres	2005
				Aquatic Life, Rec-1, Rec-2 imp	pairments.			
					Nonpoint/Point Source			
9	R	Santa Margarita River (Upper)	90222000					
				Phosphorus		Low	14 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Segunda Deshecha Creek	90130000					
				Phosphorus		Low	5.6 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Turbidity		Low	5.6 Miles	
					Construction/Land Developme	nt		
					Urban Runoff/Storm Sewers			
					Channelization Electropy Properties / Madification			
					Flow Regulation/Modification Unknown Nonpoint Source			
					Unknown point source			

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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	L	Sutherland, Lake	90553000					
				Color		Low	561 Acres	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Tecolote Creek 906.50	90650000					
-				Bacteria Indicators		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Cadmium	Nonpoling I only 50 day 60	Medium	6.7 Miles	
				Elevated levels in stormwater.			41, 1,222	
					Nonpoint/Point Source			
				Copper		Medium	6.7 Miles	
				Elevated levels in stormwater.				
					Nonpoint/Point Source			
				Lead		Medium	6.7 Miles	
				Elevated levels in stormwater.				
				701-14	Nonpoint/Point Source			
				Toxicity Elevated levels in stormwater.		Medium	6.7 Miles	
				Lievalea levels in stormwater.	Nonpoint/Point Source			
				Zinc	Nonpoint out Source	Medium	6.7 Miles	
				Elevated levels in stormwater.		cuiuiii	G. / WHIES	
					Nonpoint/Point Source			
9	R	Tijuana River 911.11	91111000					
,		Tijuana Kivei 711.11	7111000	Bacteria Indicators		Low	8.8 Miles	
					Nonpoint/Point Source	20	old Miles	
				Eutrophic	Nonpoind that Source	Low	8.8 Miles	
				Ductopine	Nonnaint/Baint Saures	Low	0.0 Miles	
				Organic Enrichment/Low Diss	Nonpoint/Point Source	Low	8.8 Miles	
				Organic Entremient Low Disse		LUW	0.0 Miles	
				Pesticides	Nonpoint/Point Source	T	0.0 M:1	
				resticities		Low	8.8 Miles	
				C-124-	Nonpoint/Point Source		0.0.350	
				Solids		Low	8.8 Miles	
				Soundhadia Organi	Nonpoint/Point Source	•	0.0 350	
			•	Synthetic Organics		Low	8.8 Miles	
				Tue Elemente	Nonpoint/Point Source	•	0.0 15"	
				Trace Elements		Low	8.8 Miles	
					Nonpoint/Point Source			





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REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Trash		Low	8.8 Miles	
					Nonpoint/Point Source			
9	E	Tijuana River Estuary 911.11	91111000					
				Bacteria Indicators		Low	134 Acres	
					Nonpoint/Point Source			
				Eutrophic		Low	134 Acres	
					Nonpoint/Point Source	_		
				Lead		Low	134 Acres	
				Nickel	Nonpoint/Point Source	Low	134 Acres	
				Nickei	. Nonpoint/Point Source	LUW	134 Acres	
				Organic Enrichment/Low Diss		Low	134 Acres	
				ð	Urban Runoff/Storm Sewers			
					Wastewater			
					Unknown Nonpoint Source			
				Destinides	Unknown point source	Low	134 Acres	
				Pesticides	N	LOW	154 Acres	
				Thallium	Nonpoint/Point Source	Low	134 Acres	
					Nonpoint/Point Source	20	20. 110.03	
				Trash	Tronponior one bouree	Low	134 Acres	
					Nonpoint/Point Source			

October 15, 2002

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

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

CALWATER WATERSHED

San Diego

"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