

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2003 - 0009

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

WHEREAS:

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

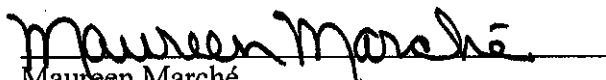
THEREFORE BE IT RESOLVED THAT:

SWRCB:

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

CERTIFICATION

The undersigned, Clerk to the Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on February 4, 2003.


Maureen Marché
Clerk to the Board

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

*Approved by SWRCB:
February 4, 2003*

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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	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	Erosion/Siltation	Medium	1071 Miles	
				Temperature	Removal of Riparian Vegetation Nonpoint Source	Medium	1071 Miles	
1	R	Eel River, Middle Main Fork, Eel River HU, Middle Main HA	11141061	Sedimentation/Siltation	Range Grazing-Riparian Range Grazing-Upland Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Construction/Land Development Land Development Hydromodification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation	Medium	674 Miles	
				Temperature	Upstream Impoundment Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation	Medium	674 Miles	
1	R	Eel River, North Fork, Eel River HU, North Fork HA	11150065	Sedimentation/Siltation	Silviculture Logging Road Construction/Maintenance Erosion/Siltation Nonpoint Source	Medium	382 Miles	

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

*Approved by SWRCB:
February 4, 2003*

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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		Medium	1141 Miles	
					Channelization Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Nonpoint Source			
1	R	Elk River, Eureka Plain HU	11000042	Sedimentation/Siltation		High	88 Miles	2003
					Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Natural Sources Nonpoint Source			
1	E	Estero Americano, Bodega HU, Estero Americano HA	11530012	Nutrients		Medium	199 Acres	
					Pasture Grazing-Riparian and/or Upland Manure Lagoons			
				Sedimentation/Siltation		Low	199 Acres	
					Range Grazing-Riparian Hydromodification Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Nonpoint Source			
1	R	Freshwater Creek, Eureka Plain HU	11000050	Sedimentation/Siltation		High	84 Miles	2003
					Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Natural Sources Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Garcia River, Mendocino Coast HU	11370026	Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	High	154 Miles	2002
1	R	Gualala River, Mendocino Coast HU, Gualala River HA	11385021	Sedimentation/Siltation	Specialty Crop Production Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Highway/Road/Bridge Construction Land Development Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	High	455 Miles	2004
				Temperature	Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Nonpoint Source	Low	455 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Jacoby Creek, Eureka Plain HU	11000013	Sediment		Low	19 Miles	
					Silviculture Road Construction Land Development Disturbed Sites (Land Develop.) Urban Runoff/Storm Sewers Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Sediment Resuspension Natural Sources Nonpoint Source			
1	R	Klamath River, Klamath River HU, Butte Valley HA	10581023	Nutrients		Medium	265 Miles	
				Temperature	Nonpoint Source Nonpoint Source	Medium	265 Miles	
1	R	Klamath River, Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	10593011	Nutrients		Medium	601 Miles	
				Temperature	Hydromodification Nonpoint Source Hydromodification Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Agricultural Water Diversion Nonpoint Source	Medium	601 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River, Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	10591063	Nutrients	Agriculture Specialty Crop Production Agriculture-subsurface drainage Agriculture-irrigation tailwater Agricultural Return Flows Water Diversions Agricultural Water Diversion Habitat Modification Removal of Riparian Vegetation Drainage/Filling Of Wetlands Natural Sources Nonpoint Source	Medium	612 Miles	
				Temperature	Hydromodification Channelization Flow Regulation/Modification Water Diversions Agricultural Water Diversion Habitat Modification Removal of Riparian Vegetation Drainage/Filling Of Wetlands Nonpoint Source	Medium	612 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River, Klamath River HU, Lower HA, Klamath Glen HSA	10511086	Nutrients	Industrial Point Sources Major Industrial Point Source Minor Industrial Point Source Municipal Point Sources Major Municipal Point Source-dry and/or wet weather discharge Minor Municipal Point Source-dry and/or wet weather discharge Agriculture Irrigated Crop Production Specialty Crop Production Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian Intensive Animal Feeding Operations Agriculture-storm runoff Agriculture-subsurface drainage Agriculture-irrigation tailwater	Medium	609 Miles	
				Organic Enrichment/Low Dissolved Oxygen	Industrial Point Sources Municipal Point Sources Agriculture Irrigated Crop Production Specialty Crop Production Range Grazing-Riparian Agriculture-storm runoff Agriculture-subsurface drainage Agriculture-irrigation tailwater Agriculture-animal Upstream Impoundment Flow Regulation/Modification Out-of-state source	Medium	609 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature	Hydromodification Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Channel Erosion	Medium	609 Miles	
1	R	Klamath River, Klamath River HU, Middle HA, Iron Gate Dam to Scott River	10535053	Nutrients	Out-of-state source Nonpoint/Point Source	Medium	548 Miles	
				Organic Enrichment/Low Dissolved Oxygen	Out-of-state source Nonpoint/Point Source	Medium	548 Miles	
				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source	Medium	548 Miles	
1	R	Klamath River, Klamath River HU, Middle HA, Oregon to Iron Gate	10537022	Nutrients	Industrial Point Sources Municipal Point Sources Agriculture Specialty Crop Production Agricultural Return Flows Internal Nutrient Cycling (primarily lakes) Natural Sources Nonpoint Source	Medium	129 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Dissolved Oxygen	Industrial Point Sources Municipal Point Sources Agriculture Irrigated Crop Production Specialty Crop Production Range Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-subsurface drainage Agriculture-irrigation tailwater Agriculture-animal Upstream Impoundment Flow Regulation/Modification Out-of-state source	Medium	129 Miles	
				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Nonpoint Source	Medium	129 Miles	
1	R	Klamath River, Klamath River HU, Middle HA, Scott River to Trinity River	10512050	Nutrients	Industrial Point Sources Municipal Point Sources Agriculture Agriculture-storm runoff Agriculture-irrigation tailwater Wastewater - land disposal Upstream Impoundment Natural Sources Nonpoint Source Out-of-state source	Medium	1389 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Dissolved Oxygen		Medium	1389 Miles	
					Industrial Point Sources Municipal Point Sources Combined Sewer Overflow Agriculture Agriculture-storm runoff Agriculture-irrigation tailwater Upstream Impoundment Flow Regulation/Modification Out-of-state source			
				Temperature		Medium	1389 Miles	
					Hydromodification Channelization Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Natural Sources Nonpoint Source			
1	R	Klamath River, Klamath River HU, Salmon River HA	10521034	Nutrients		High	871 Miles	2004
				Temperature	Unknown Nonpoint Source	High	871 Miles	2004
					Removal of Riparian Vegetation Unknown Nonpoint Source			
1	R	Laguna de Santa Rosa, Russian River HU, Middle Russian River HA	11421020	Low Dissolved Oxygen		Low	96 Miles	
					Internal Nutrient Cycling (primarily lakes) Nonpoint Source Point Source			

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

Approved by SWRCB:
February 4, 2003

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	96 Miles	
				<i>Entire Russian River watershed (including Laguna de Santa Rosa) is listed for sedimentation.</i>				
					Road Construction			
					Land Development			
					Disturbed Sites (Land Develop.)			
					Urban Runoff/Storm Sewers			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Hydromodification			
					Channelization			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Erosion From Derelict Land			
					Highway Maintenance and Runoff			
					Nonpoint Source			
				Temperature		Low	96 Miles	
				<i>Entire Russian River watershed (including Laguna de Santa Rosa) is listed for temperature.</i>				
					Hydromodification			
					Upstream Impoundment			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Nonpoint Source			
1	L	Lake Pillsbury (Eel River HU, Upper Main HA, Lake Pillsbury HSA)	11163051					
				Mercury		Low	1973 Acres	
					Natural Sources			
1	R	Mad River, Mad River HU	10910011					
				Sedimentation/Siltation		Low	654 Miles	
					Silviculture			
					Resource Extraction			
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature	Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source Unknown Nonpoint Source	Low	654 Miles	
				Turbidity	Silviculture Resource Extraction Nonpoint Source	Low	654 Miles	
1	R	Mattole River, Cape Mendocino HU, Mattole River HA	11230072	Sedimentation/Siltation	Specialty Crop Production Range Grazing-Riparian and/or Upland Range Grazing-Riparian Silviculture Road Construction Hydromodification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Natural Sources	High	503 Miles	2004
				Temperature	Range Grazing-Riparian and/or Upland Silviculture Road Construction Habitat Modification Removal of Riparian Vegetation Natural Sources Nonpoint Source	High	503 Miles	2004
1	L	Mendocino, Lake	11432060	Mercury	Resource Extraction Nonpoint Source	Low	1704 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	E	Navarro River Delta, Mendocino Coast HU, Navarro River HA	11350077	Sedimentation/Siltation	Erosion/Siltation	High	48 Acres	2004
1	R	Navarro River, Mendocino Coast HU	11350077	Sedimentation/Siltation	Agriculture Nonirrigated Crop Production Irrigated Crop Production Specialty Crop Production Range Grazing-Riparian and/or Upland Range Grazing-Riparian Range Grazing-Upland Agriculture-grazing Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Silvicultural Point Sources Construction/Land Development Highway/Road/Bridge Construction Land Development Disturbed Sites (Land Develop.) Resource Extraction Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Nonpoint Source	High	415 Miles	2004

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature	Agriculture Agricultural Return Flows Resource Extraction Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Nonpoint Source	High	415 Miles	2004
1	R	Noyo River, Mendocino Coast HU, Noyo River HA	11320010	Sedimentation/Siltation	Silviculture Nonpoint Source	High	144 Miles	2003
1	R	Redwood Creek, Redwood Creek HU	10710020	Sedimentation/Siltation	Range Grazing-Riparian Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Construction/Land Development Disturbed Sites (Land Develop.) Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Natural Sources	Medium	332 Miles	
				Temperature	Logging Road Construction/Maintenance Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Natural Sources Nonpoint Source	Low	332 Miles	

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

*Approved by SWRCB:
February 4, 2003*

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	Silviculture Construction/Land Development Disturbed Sites (Land Develop.) Dam Construction Flow Regulation/Modification Erosion/Siltation	Medium	81 Miles	
				Temperature	Hydromodification Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source	Low	81 Miles	
1	R	Russian River, Russian River HU, Lower Russian River HA, Guerneville HSA	11411041	Pathogens		Low	195 Miles	
				<i>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.</i>				
				Nonpoint/Point Source				

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

*Approved by SWRCB:
February 4, 2003*

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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	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, Dry Creek HSA	11424034	Sedimentation/Siltation	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 Nonpoint Source	Medium	255 Miles	
				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	Low	255 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	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	Agriculture Nonirrigated Crop Production Irrigated Crop Production Specialty Crop Production Range Grazing-Riparian Range Grazing-Upland Agriculture-storm runoff Agriculture-grazing Silviculture Construction/Land Development Geothermal Development Disturbed Sites (Land Develop.) Surface Runoff Resource Extraction Channelization Bridge Construction Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Natural Sources Nonpoint Source	Medium	243 Miles	
				Temperature	Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source	Low	243 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	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	Agriculture Irrigated Crop Production Specialty Crop Production Range Grazing-Riparian and/or Upland Range Grazing-Riparian Intensive Animal Feeding Operations Agriculture-storm runoff Agriculture-grazing Silviculture Harvesting, Restoration, Residue Management Construction/Land Development Highway/Road/Bridge Construction Land Development Disturbed Sites (Land Develop.) Other Urban Runoff Surface Runoff Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation	Medium	99 Miles	
				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	Low	99 Miles	

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

*Approved by SWRCB:
February 4, 2003*

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, Coyote Valley HSA	11432060	Sedimentation/Siltation	Agriculture Silviculture Construction/Land Development Hydromodification Channelization Dam Construction Flow Regulation/Modification Bridge Construction Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation	Medium	171 Miles	
				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	Low	171 Miles	
1	R	Russian River, Russian River HU, Upper Russian River HA, Forsythe Creek HSA	11433040	Sedimentation/Siltation	Erosion/Siltation Nonpoint Source	Medium	122 Miles	
				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	Low	122 Miles	

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

*Approved by SWRCB:
February 4, 2003*

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	Agriculture Silviculture Construction/Land Development Resource Extraction Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Highway Maintenance and Runoff Natural Sources	Medium	460 Miles	
				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	Low	460 Miles	
1	R	Santa Rosa Creek, Russian River HU, Middle Russian River HA	11422013	Pathogens	Nonpoint Source Point Source	Low	87 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION	
			Sedimentation/Siltation		Medium	87 Miles		
			<i>Entire Russian River watershed (including Santa Rosa Creek) is listed for sedimentation.</i>					
				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		
			<i>Entire Russian River watershed (including Santa Rosa Creek) is listed for temperature.</i>					
				Hydromodification				
				Upstream Impoundment				
				Removal of Riparian Vegetation				
				Streambank Modification/Destabilization				
				Nonpoint Source				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Scott River, Klamath River HU, Scott River HA	10541035	Sedimentation/Siltation	Irrigated Crop Production Pasture Grazing-Riparian and/or Upland Silviculture Resource Extraction Mill Tailings Natural Sources Nonpoint Source	Medium	902 Miles	
				Temperature	Irrigated Crop Production Pasture Grazing-Riparian and/or Upland Agricultural Return Flows Silviculture Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Other Nonpoint Source	Medium	902 Miles	
1	R	Shasta River, Klamath River HU, Shasta River HA	10550001	Organic Enrichment/Low Dissolved Oxygen	Minor Municipal Point Source-dry and/or wet weather discharge Agriculture-storm runoff Agriculture-irrigation tailwater Dairies Hydromodification Dam Construction Flow Regulation/Modification Habitat Modification	Medium	630 Miles	
				Temperature	Agriculture-irrigation tailwater Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Drainage/Filling Of Wetlands	Medium	630 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Sonoma, Lake	11424030	Mercury	Resource Extraction Nonpoint Source	Low	2377 Acres	
1	R	Stemple Creek/Estero do San Antonio, Bodega HU, Estero de San Antonio HA	11540010	Nutrients <i>This pollutant was relisted for this water body by USEPA in 1998.</i>	Agriculture Irrigated Crop Production Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian Intensive Animal Feeding Operations Concentrated Animal Feeding Operations (permitted, point source) Agriculture-storm runoff Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Natural Sources	Medium	61 Miles	
				Sediment	Agriculture Grazing-Related Sources Land Development Erosion/Siltation Nonpoint Source	Low	61 Miles	
1	R	Ten Mile River, Mendocino Coast HU, Rockport HA, Ten Mile River HSA	11313045	Sedimentation/Siltation	Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance	High	162 Miles	2003

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

*Approved by SWRCB:
February 4, 2003*

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/Destabilization Nonpoint Source	Low	162 Miles	
1	R	Trinity River, East Fork, Trinity River HU, Upper HA	10640030	Sedimentation/Siltation	Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Resource Extraction Surface Mining Placer Mining Mine Tailings Hydromodification Dam Construction Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Natural Sources Nonpoint Source	Medium	92 Miles	
1	R	Trinity River, South Fork, Trinity River HU, South Fork HA	10621035	Sedimentation/Siltation	Range Grazing-Riparian Silviculture Nonpoint Source	Medium	1161 Miles	
				Temperature	Range Grazing-Riparian Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization	Low	1161 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	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	Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Silvicultural Point Sources Resource Extraction Surface Mining Mine Tailings Hydromodification Dam Construction Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Natural Sources	Medium	1256 Miles	
1	R	Trinity River, Trinity River HU, Middle HA	10631021	Sedimentation/Siltation	Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Silvicultural Point Sources Resource Extraction Placer Mining Mine Tailings Hydromodification Dam Construction Upstream Impoundment Flow Regulation/Modification Streambank Modification/Destabilization Channel Erosion Erosion/Siltation	Medium	331 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Trinity River, Trinity River HU, Upper HA	10640003	Sedimentation/Siltation	Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Resource Extraction Surface Mining Placer Mining Mine Tailings Hydromodification Dam Construction Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Natural Sources Nonpoint Source	Medium	570 Miles	
1	L	Tule Lake and Lower Klamath Lake National Wildlife Refuge (Klamath River HU)	10591020	pH (high)	Internal Nutrient Cycling (primarily lakes) Nonpoint Source	Low	26998 Acres	
1	R	Van Duzen River, Eel River HU, Van Duzen River HA	11121012	Sedimentation/Siltation	Range Grazing-Riparian Range Grazing-Upland Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Silvicultural Point Sources Construction/Land Development Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Natural Sources	Medium	585 Miles	

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

*Approved by SWRCB:
February 4, 2003*

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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Calero Reservoir	20540031	Mercury <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>	Surface Mining Mine Tailings	Medium	334 Acres	
2	E	Carquinez Strait	20710020	Chlordane <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	5657 Acres	
				DDT	Nonpoint Source	Low	5657 Acres	
				Diazinon <i>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.</i>	Nonpoint Source	Low	5657 Acres	
				Dieldrin <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	5657 Acres	
				Dioxin Compounds <i>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.</i>	Atmospheric Deposition	Low	5657 Acres	
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>	Ballast Water	Medium	5657 Acres	
				Furan Compounds <i>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.</i>	Atmospheric Deposition	Low	5657 Acres	
				Mercury <i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>	Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source	High	5657 Acres	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		High	5657 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		Low	5657 Acres	
				<i>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.</i>				
					Unknown Nonpoint Source			
				Selenium		Low	5657 Acres	
				<i>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.</i>				
					Industrial Point Sources			
					Agriculture			
2	E	Castro Cove, Richmond (San Pablo Basin)	20660014	Dieldrin (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
				Mercury (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
				PAHs (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
				Selenium (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
2	B	Central Basin, San Francisco (part of SF Bay, Central)	20440010	Chlordane		Low	40 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	40 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Diazinon		Low	40 Acres	
			<i>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.</i>				
			Nonpoint Source				
			Dieldrin		Low	40 Acres	
			<i>This listing was made by USEPA.</i>				
			Nonpoint Source				
			Dioxin Compounds		Low	40 Acres	
			<i>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.</i>				
			Atmospheric Deposition				
			Exotic Species		Medium	40 Acres	
			<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
			Ballast Water				
			Furan Compounds		Low	40 Acres	
			<i>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.</i>				
			Atmospheric Deposition				
			Mercury		High	40 Acres	2003
			<i>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.</i>				
			Industrial Point Sources				
			Minor Industrial Point Source				
			Municipal Point Sources				
			Resource Extraction				
			Atmospheric Deposition				
			Natural Sources				
			Nonpoint Source				
			Mercury (sediment)		Low	40 Acres	
			Urban Runoff/Storm Sewers Point Source				
			PAHs (sediment)		Low	40 Acres	
			Urban Runoff/Storm Sewers Point Source				
			PCBs		High	40 Acres	2004
			<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
			Unknown Nonpoint Source				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (dioxin-like)		Low	40 Acres	
				<i>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.</i>				
				Unknown Nonpoint Source				
				Selenium		Low	40 Acres	
				<i>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.</i>				
				Industrial Point Sources				
				Agriculture				
				Natural Sources				
				Exotic Species				
2	R	Corte Madera Creek	20320011	Diazinon		High	4.1 Miles	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				
2	R	Coyote Creek (Marin County)	20320020	Diazinon		High	2.6 Miles	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				
2	R	Coyote Creek (Santa Clara Co.)	20530021	Diazinon		High	55 Miles	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				
2	R	Gallinas Creek	20620013	Diazinon		High	2.1 Miles	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				
2	R	Guadalupe Creek	20540050	Mercury		Medium	8.1 Miles	
				<i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>				
				Mine Tailings				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Guadalupe Reservoir	20540040	Mercury <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>	Surface Mining Mine Tailings	Medium	63 Acres	
2	R	Guadalupe River	20540050	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	18 Miles	2004
				Mercury <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>	Mine Tailings	Medium	18 Miles	
2	E	Islais Creek	20440010	Ammonia	Industrial Point Sources Combined Sewer Overflow	Low	46 Acres	
				Chlordane (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	46 Acres	
				Dieldrin (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	46 Acres	
				Endosulfan sulfate (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	46 Acres	
				Hydrogen Sulfide	Industrial Point Sources Combined Sewer Overflow	Low	46 Acres	
				PAHs (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	46 Acres	
				PCBs (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	46 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Lagunitas Creek	20113020	Nutrients <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Urban Runoff/Storm Sewers	Low	17 Miles	
				Pathogens <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Urban Runoff/Storm Sewers	Low	17 Miles	
				Sedimentation/Siltation <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Urban Runoff/Storm Sewers	Medium	17 Miles	
2	L	Lake Herman	20721030	Mercury <i>Additional monitoring and assessment needed. Problem due to historical mining.</i>	Surface Mining	Low	108 Acres	
2	L	Lake Merritt	20420040	Trash	Urban Runoff/Storm Sewers	Low	142 Acres	
2	R	Laurel Creek (Solano Co)	20440040	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	3 Miles	2004
2	R	Ledgewood Creek	20723010	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	12 Miles	2004
2	R	Los Gatos Creek (R2)	20540011	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	19 Miles	2004
2	E	Marina Lagoon (San Mateo County)	20440040	High Coliform Count	Urban Runoff/Storm Sewers Nonpoint Source	Low	169 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Matadero Creek	20550040	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	7.3 Miles	2004
2	R	Miller Creek	20620012	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	9 Miles	2004
2	E	Mission Creek	20440010	Ammonia	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Chlordane (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Chlorpyrifos (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Chromium (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Copper (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Dieldrin (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Hydrogen Sulfide	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Lead (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Mercury (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Mirex (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				PAHs	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				PCBs (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Silver (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
				Zinc (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	
2	R	Mt. Diablo Creek	20731040	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	13 Miles	2004
2	R	Napa River	20650010	Nutrients <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture	Medium	65 Miles	
				Pathogens <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Urban Runoff/Storm Sewers	Low	65 Miles	
				Sedimentation/Siltation <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers	Medium	65 Miles	
2	R	Novato Creek	20620010	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	17 Miles	2004

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	20420040					
				Chlordane <i>This listing was made by USEPA.</i>		Low	0.93 Acres	
					Nonpoint Source			
				Chlordane (sediment)		Low	0.93 Acres	
					Source Unknown			
				DDT <i>This listing was made by USEPA.</i>		Low	0.93 Acres	
					Nonpoint Source			
				Diazinon <i>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.</i>		Low	0.93 Acres	
					Nonpoint Source			
				Dieldrin <i>This listing was made by USEPA.</i>		Low	0.93 Acres	
					Nonpoint Source			
				Dioxin Compounds <i>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.</i>	Low	0.93 Acres		
					Atmospheric Deposition			
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	0.93 Acres	
					Ballast Water			
				Furan Compounds <i>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.</i>	Low	0.93 Acres		
					Atmospheric Deposition			
				Mercury <i>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.</i>		High	0.93 Acres	2003
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		High	0.93 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		Low	0.93 Acres	
				<i>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.</i>				
					Unknown Nonpoint Source			
				PCBs (sediment)		Low	0.93 Acres	
					Source Unknown			
				Selenium		Low	0.93 Acres	
				<i>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.</i>				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	B	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	20420040					
				Chlordane		Low	1.8 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Chlordane (sediment)		Low	1.8 Acres	
					Source Unknown			
				Chlorpyrifos (sediment)		Low	1.8 Acres	
					Source Unknown			
				Copper (sediment)		Low	1.8 Acres	
					Source Unknown			
				DDT		Low	1.8 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Diazinon		Low	1.8 Acres	
				<i>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.</i>				
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Dieldrin <i>This listing was made by USEPA.</i>		Low	1.8 Acres	
				Nonpoint Source			
			Dieldrin (sediment)		Low	1.8 Acres	
				Source Unknown			
			Dioxin Compounds <i>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.</i>		Low	1.8 Acres	
				Atmospheric Deposition			
			Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	1.8 Acres	
				Ballast Water			
			Furan Compounds <i>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.</i>		Low	1.8 Acres	
				Atmospheric Deposition			
			Lead (sediment)		Low	1.8 Acres	
				Source Unknown			
			Mercury <i>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.</i>		High	1.8 Acres	2003
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Mercury (sediment)		Low	1.8 Acres	
				Source Unknown			
			Mirex (sediment)		Low	1.8 Acres	
				Source Unknown			
			PAHs (sediment)		Low	1.8 Acres	
				Source Unknown			
			PCBs <i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>		High	1.8 Acres	2004
				Unknown Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (dioxin-like)		Low	1.8 Acres	
				<i>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.</i>				
					Unknown Nonpoint Source			
				PCBs (sediment)		Low	1.8 Acres	
					Source Unknown			
				ppDDE (sediment)		Low	1.8 Acres	
					Source Unknown			
				Selenium		Low	1.8 Acres	
				<i>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.</i>				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
				Tributyltin (sediment)		Low	1.8 Acres	
					Source Unknown			
				Zinc (sediment)		Low	1.8 Acres	
					Source Unknown			
2	C	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	
				<i>Linda Mar and San Pedro beaches are the areas affected.</i>				
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
2	C	Pacific Ocean at Pillar Point Beach	20221012	High Coliform Count		Low	1.1 Miles	
					Nonpoint Source			
2	C	Pacific Ocean at Rockaway Beach	20221011	High Coliform Count		Low	0.29 Miles	
					Urban Runoff/Storm Sewers			
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	C	Pacific Ocean at Venice Beach	20222011	High Coliform Count	Nonpoint Source	Low	0.38 Miles	
2	R	Permanente Creek	20550021	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	13 Miles	2004
2	R	Pescadero Creek	20240013	Sedimentation/Siltation <i>Impairment to steelhead habitat.</i>	Nonpoint Source	Medium	26 Miles	
2	R	Petaluma River	20630020	Diazinon <i>Data source: Abelli-Amen, Petaluma Tree Planters, 1999.</i>	Urban Runoff/Storm Sewers	Low	22 Miles	
				Nutrients <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Urban Runoff/Storm Sewers	Medium	22 Miles	
				Pathogens <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Urban Runoff/Storm Sewers	Medium	22 Miles	
				Sedimentation/Siltation	Agriculture Construction/Land Development Urban Runoff/Storm Sewers	Medium	22 Miles	
2	R	Petaluma River (tidal portion)	20630040	Diazinon <i>Data source: Abelli-Amen, Petaluma Tree Planters, 1999.</i>	Urban Runoff/Storm Sewers	Low	1.1 Miles	
				Nickel <i>Exceedance of California Toxic Rule dissolved criteria and National Toxic Rule total criteria; elevated water and sediment tissue levels.</i>	Municipal Point Sources Urban Runoff/Storm Sewers Atmospheric Deposition	Low	1.1 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nutrients		Medium	1.1 Miles	
				<i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>				
					Agriculture			
					Construction/Land Development			
					Urban Runoff/Storm Sewers			
				Pathogens		Medium	1.1 Miles	
				<i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>				
					Agriculture			
					Construction/Land Development			
					Urban Runoff/Storm Sewers			
2	R	Pine Creek (Contra Costa Co)	20731040	Diazinon		High	13 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	Pinole Creek	20660020	Diazinon		High	9.2 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	Pomponio Creek	20240020	High Coliform Count		Low	7.1 Miles	
					Nonpoint Source			
2	B	Richardson Bay	20312010	Chlordane		Low	2439 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	2439 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Dieldrin		Low	2439 Acres	
				<i>This listing was made by USEPA.</i>				
					Unknown Nonpoint Source			
				Dioxin Compounds		Low	2439 Acres	
				<i>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.</i>				
					Atmospheric Deposition			
				Exotic Species		Medium	2439 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
					Ballast Water			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Furan Compounds		Low	2439 Acres	
				<i>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.</i>				
					Atmospheric Deposition			
				High Coliform Count		Low	2439 Acres	
				<i>Affected area, Waldo Point Harbor, is less than 10% of embayment; source has been positively identified as substandard sewage systems in some houseboat areas; extensive local control program in place with significant water quality improvements.</i>				
					Urban Runoff/Storm Sewers			
					Septage Disposal			
					Boat Discharges/Vessel Wastes			
				Mercury		High	2439 Acres	2003
				<i>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.</i>				
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs		High	2439 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		Low	2439 Acres	
				<i>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.</i>				
					Unknown Nonpoint Source			
2	R	Rodeo Creek	20660022	Diazinon		High	8 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	E	Sacramento San Joaquin Delta	20710010	Chlordane		Low	41736 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	41736 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Diazinon		Low	41736 Acres	
			<i>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.</i>				
			Nonpoint Source				
			Dieldrin		Low	41736 Acres	
			<i>This listing was made by USEPA.</i>				
			Nonpoint Source				
			Dioxin Compounds		Low	41736 Acres	
			<i>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.</i>				
			Atmospheric Deposition				
			Exotic Species		Medium	41736 Acres	
			<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
			Ballast Water				
			Furan Compounds		Low	41736 Acres	
			<i>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.</i>				
			Atmospheric Deposition				
			Mercury		High	41736 Acres	2003
			<i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>				
			Industrial Point Sources				
			Municipal Point Sources				
			Resource Extraction				
			Atmospheric Deposition				
			Nonpoint Source				
			PCBs		High	41736 Acres	2004
			<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
			Unknown Nonpoint Source				
			PCBs (dioxin-like)		Low	41736 Acres	
			<i>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.</i>				
			Unknown Nonpoint Source				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		Low	41736 Acres	
				<i>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. Another source is exotic species.</i>				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	R	San Antonio Creek (Marin/Sonoma Co)	20630031	Diazinon		High	18 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	San Felipe Creek	20530041	Diazinon		High	15 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	B	San Francisco Bay, Central	20312010	Chlordane		Low	70992 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	70992 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Diazinon		Low	70992 Acres	
				<i>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.</i>				
					Nonpoint Source			
				Dieldrin		Low	70992 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Dioxin Compounds		Low	70992 Acres	
				<i>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.</i>				
					Atmospheric Deposition			
				Exotic Species		Medium	70992 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
					Ballast Water			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Furan Compounds		Low	70992 Acres	
				<i>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.</i>				
					Atmospheric Deposition			
				Mercury		High	70992 Acres	2003
				<i>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.</i>				
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs		High	70992 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		Low	70992 Acres	
				<i>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.</i>				
					Unknown Nonpoint Source			
				Selenium		Low	70992 Acres	
				<i>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.</i>				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	B	San Francisco Bay, Lower	20410010					
				Chlordane		Low	79293 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	79293 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Diazinon		Low	79293 Acres	
			<i>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.</i>				
			Nonpoint Source				
			Dieldrin		Low	79293 Acres	
			<i>This listing was made by USEPA.</i>				
			Nonpoint Source				
			Dioxin Compounds		Low	79293 Acres	
			<i>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.</i>				
			Atmospheric Deposition				
			Exotic Species		Medium	79293 Acres	
			<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
			Ballast Water				
			Furan Compounds		Low	79293 Acres	
			<i>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.</i>				
			Atmospheric Deposition				
			Mercury		High	79293 Acres	2003
			<i>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.</i>				
			Industrial Point Sources				
			Municipal Point Sources				
			Resource Extraction				
			Atmospheric Deposition				
			Natural Sources				
			Nonpoint Source				
			PCBs		High	79293 Acres	2004
			<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
			Unknown Nonpoint Source				
			PCBs (dioxin-like)		Low	79293 Acres	
			<i>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.</i>				
			Unknown Nonpoint Source				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	San Francisco Bay, South	20510000	Chlordane <i>This listing was made by USEPA.</i>		Low	21669 Acres	
					Nonpoint Source			
				DDT <i>This listing was made by USEPA.</i>		Low	21669 Acres	
					Nonpoint Source			
				Diazinon <i>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.</i>		Low	21669 Acres	
					Nonpoint Source			
				Dieldrin <i>This listing was made by USEPA.</i>		Low	21669 Acres	
					Nonpoint Source			
				Dioxin Compounds <i>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.</i>	Low	21669 Acres		
					Atmospheric Deposition			
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	21669 Acres	
					Ballast Water			
				Furan Compounds <i>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.</i>	Low	21669 Acres		
					Atmospheric Deposition			
				Mercury <i>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.</i>		High	21669 Acres	2003
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs <i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>		High	21669 Acres	2004
					Unknown Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (dioxin-like) <i>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.</i>		Low	21669 Acres	
					Unknown Nonpoint Source			
				Selenium <i>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.</i>		Low	21669 Acres	
					Agriculture Domestic Use of Ground Water			
2	R	San Francisquito Creek	20550040	Diazinon <i>This listing was made by USEPA.</i>		High	12 Miles	2004
				Sedimentation/Siltation <i>Impairment to steelhead habitat.</i>	Urban Runoff/Storm Sewers	Medium	12 Miles	
					Nonpoint Source			
2	R	San Gregorio Creek	20230014	High Coliform Count		Low	11 Miles	
					Nonpoint Source			
				Sedimentation/Siltation <i>Impairment to steelhead habitat.</i>		Medium	11 Miles	
					Nonpoint Source			
2	B	San Leandro Bay (part of SF Bay, Central)	20420040	Chlordane <i>This listing was made by USEPA.</i>		Low	588 Acres	
					Nonpoint Source			
				DDT <i>This listing was made by USEPA.</i>		Low	588 Acres	
					Nonpoint Source			
				DDT (sediment)		Low	588 Acres	
					Source Unknown			
				Diazinon <i>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.</i>		Low	588 Acres	
					Nonpoint Source			
				Dieldrin <i>This listing was made by USEPA.</i>		Low	588 Acres	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Dioxin Compounds		Low	588 Acres	
				Atmospheric Deposition			
			Exotic Species		Medium	588 Acres	
			<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
				Ballast Water			
			Furan Compounds		Low	588 Acres	
			<i>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.</i>				
				Atmospheric Deposition			
			Lead (sediment)		Low	588 Acres	
				Source Unknown			
			Mercury		High	588 Acres	2003
			<i>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.</i>				
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Natural Sources			
				Nonpoint Source			
			Mercury (sediment)		Low	588 Acres	
				Source Unknown			
			PAHs (sediment)		Low	588 Acres	
				Source Unknown			
			Pesticides (sediment)		Low	588 Acres	
				Source Unknown			
			Selenium		Low	588 Acres	
			<i>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.</i>				
				Industrial Point Sources			
				Agriculture			
				Natural Sources			
				Exotic Species			
			Selenium (sediment)		Low	588 Acres	
				Source Unknown			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc (sediment)		Low	588 Acres	
					Source Unknown			
2	R	San Leandro Creek, Lower	20420012	Diazinon		High	9.3 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	San Lorenzo Creek	20420023	Diazinon		High	11 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	San Mateo Creek	20440032	Diazinon		High	11 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	B	San Pablo Bay	20610010	Chlordane		Low	68349 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	68349 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Diazinon		Low	68349 Acres	
				<i>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.</i>				
					Nonpoint Source			
				Dieldrin		Low	68349 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Dioxin Compounds		Low	68349 Acres	
				<i>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.</i>				
					Atmospheric Deposition			
				Exotic Species		Medium	68349 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
					Ballast Water			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Furan Compounds		Low	68349 Acres	
				<i>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.</i>				
				Atmospheric Deposition				
				Mercury		High	68349 Acres	2003
				<i>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.</i>				
				Municipal Point Sources				
				Resource Extraction				
				Atmospheric Deposition				
				Natural Sources				
				Nonpoint Source				
				PCBs		High	68349 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
				Unknown Nonpoint Source				
				PCBs (dioxin-like)		Low	68349 Acres	
				<i>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.</i>				
				Unknown Nonpoint Source				
				Selenium		Low	68349 Acres	
				<i>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.</i>				
				Industrial Point Sources				
				Agriculture				
				Natural Sources				
				Exotic Species				
2	R	San Pablo Creek	20660014	Diazinon		High	9.9 Miles	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				
2	L	San Pablo Reservoir	20660012	Mercury		Low	784 Acres	
				Atmospheric Deposition				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	San Pedro Creek	20221011	High Coliform Count	Urban Runoff/Storm Sewers Nonpoint Source	Low	2.4 Miles	
2	R	San Rafael Creek	20320012	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	3.6 Miles	2004
2	R	San Vicente Creek	20221012	High Coliform Count	Nonpoint Source	Low	3.8 Miles	
2	R	Saratoga Creek	20550040	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	18 Miles	2004
2	R	Sonoma Creek	20640050	Nutrients <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers	Medium	30 Miles	
				Pathogens <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers	Low	30 Miles	
				Sedimentation/Siltation <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers	Medium	30 Miles	
2	R	Stevens Creek	20550020	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	20 Miles	2004

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Suisun Bay	20710020	Chlordane <i>This listing was made by USEPA.</i>		Low	27498 Acres	
					Nonpoint Source			
				DDT <i>This listing was made by USEPA.</i>		Low	27498 Acres	
					Nonpoint Source			
				Diazinon <i>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.</i>		Low	27498 Acres	
					Nonpoint Source			
				Dieldrin <i>This listing was made by USEPA.</i>		Low	27498 Acres	
					Nonpoint Source			
				Dioxin Compounds <i>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.</i>	Low	27498 Acres		
					Atmospheric Deposition			
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	27498 Acres	
					Ballast Water			
				Furan Compounds <i>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.</i>	Low	27498 Acres		
					Atmospheric Deposition			
				Mercury <i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>		High	27498 Acres	2003
					Industrial Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs <i>This listing covers non-dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>		High	27498 Acres	2004
					Unknown point source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (dioxin-like)		Low	27498 Acres	
				<i>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.</i>				
				Unknown Nonpoint Source				
				Selenium		Low	27498 Acres	
				<i>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.</i>				
				Industrial Point Sources				
				Natural Sources				
				Exotic Species				
2	T	Suisun Marsh Wetlands	20723000	Metals		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
				Nutrients		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
				Organic Enrichment/Low Dissolved Oxygen		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
				Salinity/TDS/Chlorides		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
2	E	Suisun Slough	20723000	Diazinon		High	1124 Acres	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Tomales Bay	20114033	Mercury		Medium	8545 Acres	
				<i>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.</i>				
				Nutrients	Mine Tailings	Medium	8545 Acres	
				<i>TMDL will be developed as part of ongoing watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.</i>				
				Pathogens	Agriculture	High	8545 Acres	2004
				<i>TMDL will be developed as part of ongoing watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.</i>				
					Intensive Animal Feeding Operations Septage Disposal			
				Sedimentation/Siltation		Medium	8545 Acres	
				<i>TMDL will be developed as part of ongoing watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.</i>				
					Agriculture Upstream Impoundment			
2	R	Walker Creek	20112013	Mercury		Medium	16 Miles	
				<i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>				
				Nutrients	Surface Mining Mine Tailings	Medium	16 Miles	
				<i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>				
				Sedimentation/Siltation	Agriculture	Medium	16 Miles	
				<i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>				
					Agriculture			
2	R	Walnut Creek	20731040	Diazinon		High	9 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Wildcat Creek	20660013	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	12 Miles	2004
3	R	Alamo Creek	31230072	Fecal Coliform	Agriculture Range Grazing-Riparian and/or Upland Natural Sources	Low	5.8 Miles	
3	R	Alisal Creek (Salinas)	30970093	Fecal Coliform	Agriculture Urban Runoff/Storm Sewers Natural Sources Nonpoint Source	Low	7.4 Miles	
				Nitrate	Source Unknown	Low	7.4 Miles	
3	R	Aptos Creek	30413023	Pathogens <i>Impaired length for pathogens is below Bridge Creek to the mouth (approximately 5 miles).</i>	Urban Runoff/Storm Sewers	Medium	8.4 Miles	
				Sedimentation/Siltation	Disturbed Sites (Land Develop.) Channel Erosion	Low	8.4 Miles	
3	R	Arroyo Burro Creek	31532010	Pathogens	Urban Runoff/Storm Sewers Nonpoint Source	Low	6.1 Miles	
3	R	Atascadero Creek (San Luis Obispo County)	30981124	Fecal Coliform	Source Unknown	Low	5.4 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	5.4 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Bean Creek	30412041	Sedimentation/Siltation	Road Construction Disturbed Sites (Land Develop.) Resource Extraction Erosion/Siltation Nonpoint Source	Low	8.9 Miles	
3	R	Bear Creek(Santa Cruz County)	30412030	Sedimentation/Siltation	Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	Low	6.3 Miles	
3	R	Blanco Drain	30911010	Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	Medium	15 Miles	
3	R	Blosser Channel	31210030	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	Low	0.02 Miles	
3	R	Boulder Creek	30412020	Sedimentation/Siltation	Specialty Crop Production Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	Low	7.6 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Bradley Canyon Creek	31210030	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	Low	17 Miles	
3	R	Bradley Channel	31210030	Fecal Coliform	Source Unknown	Low	3.1 Miles	
3	R	Branciforte Creek	30412051	Sedimentation/Siltation	Silviculture Road Construction Nonpoint Source	Low	5.8 Miles	
3	R	Carbonera Creek	30412050	Nutrients	Nonpoint Source	Low	10 Miles	
				Pathogens	Urban Runoff/Storm Sewers Nonpoint Source	Medium	10 Miles	
				Sedimentation/Siltation	Construction/Land Development Nonpoint Source	High	10 Miles	2002
3	R	Carpinteria Creek	31534020	Pathogens	Agriculture Land Disposal Septage Disposal	Low	5.8 Miles	
3	E	Carpinteria Marsh (El Estero Marsh)	31534020	Nutrients	Agriculture	Low	188 Acres	
				Organic Enrichment/Low Dissolved Oxygen	Agriculture	Low	188 Acres	
				Priority Organics	Urban Runoff/Storm Sewers	Low	188 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Low	188 Acres	
					Agriculture Construction/Land Development Storm sewers			
3	R	Cholame Creek	31700053	Boron		Low	8.7 Miles	
				Fecal Coliform	Source Unknown	Low	8.7 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source			
3	R	Chorro Creek	31022012	Fecal Coliform		Low	14 Miles	
					Source Unknown			
				Nutrients	Municipal Point Sources Agriculture Irrigated Crop Production Agriculture-storm runoff	High	14 Miles	2002
				Sedimentation/Siltation		High	14 Miles	2002
					Agriculture Irrigated Crop Production Range Grazing-Riparian and/or Upland Range Grazing-Upland Agriculture-storm runoff Construction/Land Development Road Construction Resource Extraction Hydromodification Channelization Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Natural Sources Golf course activities Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Chumash Creek	31022011	Fecal Coliform	Source Unknown	Low	2.1 Miles	
3	R	Clear Creek (San Benito County)	30550013	Mercury	Resource Extraction	Medium	9.6 Miles	
3	R	Corralitos Creek	30510010	Fecal Coliform	Source Unknown	Low	13 Miles	
3	R	Dairy Creek	31022010	Fecal Coliform	Source Unknown	Low	4.5 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	4.5 Miles	
3	E	Elkhorn Slough	30600014	Pathogens	Natural Sources Nonpoint Source	Low	2034 Acres	
				Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows Erosion/Siltation Contaminated Sediments Nonpoint Source	Low	2034 Acres	
				Sedimentation/Siltation	Agriculture Irrigated Crop Production Agriculture-storm runoff Channel Erosion Nonpoint Source	Low	2034 Acres	
3	R	Espinosa Slough	30911010	Nutrients	Agriculture Storm sewers	Low	1.5 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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		Low	5.1 Miles	
					Road Construction Habitat Modification Erosion/Siltation Nonpoint Source			
3	R	Gabilan Creek	30919000					
				Fecal Coliform		Low	6.4 Miles	
					Urban Runoff/Storm Sewers Natural Sources Nonpoint Source			
3	E	Goleta Slough/Estuary	31531020					
				Metals		Low	196 Acres	
					Industrial Point Sources			
				Pathogens		Low	196 Acres	
					Urban Runoff/Storm Sewers			
				Priority Organics		Low	196 Acres	
					Nonpoint Source			
				Sedimentation/Siltation		Low	196 Acres	
					Construction/Land Development			
3	L	Hernandez Reservoir	30550016					
				Mercury		Medium	626 Acres	
					Surface Mining			
3	R	Kings Creek	30412011					
				Sedimentation/Siltation		Low	4.4 Miles	
					Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Las Tablas Creek	30981293	Metals	Surface Mining	High	5.7 Miles	2002
3	R	Las Tablas Creek, North Fork	30981290	Metals	Surface Mining	High	6.5 Miles	2002
3	R	Las Tablas Creek, South Fork	30981290	Metals	Surface Mining	High	4.7 Miles	2002
3	R	Llagas Creek	30530020	Chloride	Nonpoint Source Point Source	Low	16 Miles	
				<i>Impaired section for Chlorides is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).</i>				
				Fecal Coliform	Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	Low	16 Miles	
				<i>Impaired section for Fecal Coliform is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).</i>				
				Nutrients	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	Medium	16 Miles	
				<i>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).</i>				
				pH	Source Unknown	Low	16 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	16 Miles	
				<i>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).</i>				
					Agriculture			
					Hydromodification			
					Habitat Modification			
				Sodium		Low	16 Miles	
				<i>Impaired section for Sodium is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).</i>				
					Source Unknown			
					Nonpoint Source			
				Total Dissolved Solids		Low	16 Miles	
				<i>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).</i>				
					Nonpoint Source			
					Point Source			
3	R	Lompico Creek	30412040	Nutrients		Low	4.5 Miles	
				Pathogens	Septage Disposal	Medium	4.5 Miles	
					Septage Disposal			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		High	4.5 Miles	2002
					Construction/Land Development			
					Natural Sources			
3	R	Los Osos Creek	31023012	Fecal Coliform		Low	9.9 Miles	
				Nutrients	Source Unknown	High	9.9 Miles	2002
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agricultural Return Flows			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation	Agriculture Irrigated Crop Production Range Grazing-Riparian and/or Upland Agriculture-storm runoff Hydromodification Channelization Dredging Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Natural Sources Nonpoint Source	High	9.9 Miles	2002
3	R	Love Creek	30412021	Sedimentation/Siltation	Agriculture Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	Low	3.8 Miles	
3	R	Main Street Canal	31210030	Nitrate	Agriculture Urban Runoff/Storm Sewers Nonpoint Source	Low	5.1 Miles	
3	R	Mission Creek	31532011	Pathogens	Urban Runoff/Storm Sewers Transient encampments	Low	8.6 Miles	
				Unknown Toxicity	Urban Runoff/Storm Sewers	Low	8.6 Miles	
3	C	Monterey Bay South (Coastline)	30950042	Metals	Surface Mining	Low	12 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides	Agriculture	Low	12 Miles	
3	B	Monterey Harbor	30950042	Metals		Medium	76 Acres	
				Unknown Toxicity	Railroad Slag Pile	Low	76 Acres	
					Source Unknown			
3	E	Moro Cojo Slough	30913011	Low Dissolved Oxygen		Low	62 Acres	
				Pesticides	Source Unknown	Medium	62 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 Development Nonpoint Source			
3	B	Morro Bay	31023012	Metals		Medium	1922 Acres	
					<i>Affected area is 2300 acres. Open water habitat is approximately 1900 acres and delta area is approximately 400 acres.</i>			
					Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes			
				Pathogens		High	1922 Acres	2002
					<i>Affected area is 2300 acres. Open water habitat is approximately 1900 acres and delta area is approximately 400 acres.</i>			
					Range Grazing-Upland Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		High	1922 Acres	2002
<i>Affected area is 2300 acres. Open water habitat is approximately 1900 acres and delta area is approximately 400 acres.</i>								
					Agriculture Irrigated Crop Production Construction/Land Development Resource Extraction Channelization Channel Erosion			
3	B	Moss Landing Harbor	30600014	Pathogens		Low	79 Acres	
					Agriculture 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			
3	L	Nacimiento Reservoir	30982000	Metals		High	5736 Acres	2003
					Surface Mining Natural Sources			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Newell Creek (Upper)	30412031	Sedimentation/Siltation	Agriculture Silviculture Road Construction Disturbed Sites (Land Develop.) Channel Erosion Erosion/Siltation Nonpoint Source	Low	3.5 Miles	
3	R	Nipomo Creek	31210011	Fecal Coliform	Agriculture Urban Runoff/Storm Sewers Natural Sources	Low	9.3 Miles	
3	E	Old Salinas River Estuary	30911010	Fecal Coliform	Source Unknown	Low	74 Acres	
				Low Dissolved Oxygen	Source Unknown	Low	74 Acres	
				Nutrients	Agriculture Irrigated Crop Production Agriculture-irrigation tailwater Nonpoint Source	Medium	74 Acres	
				Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	Medium	74 Acres	
3	R	Orcutt Solomon Creek	31210030	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	Low	4.7 Miles	
				Nitrate	Source Unknown	Low	4.7 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Oso Flaco Creek	31210030	Fecal Coliform	Source Unknown	Low	6.3 Miles	
				Nitrate		Low	6.3 Miles	
3	L	Oso Flaco Lake	31210030	Nitrate	Agriculture Nonpoint Source	Low	56 Acres	
3	C	Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	31532010	Total Coliform	Source Unknown	Low	3.1 Miles	
3	C	Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	31534020	Fecal Coliform	Source Unknown	Low	0.35 Miles	
				Total Coliform		Low	0.35 Miles	
3	C	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	31532011	Fecal Coliform	Agriculture Urban Runoff/Storm Sewers Natural Sources Nonpoint Source Unknown Nonpoint Source	Low	0.06 Miles	
				Total Coliform		Low	0.06 Miles	
3	C	Pacific Ocean at East Beach (mouth of Sycamore Creek, Santa Barbara County)	31532012	Total Coliform	Source Unknown	Low	0.06 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	C	Pacific Ocean at Gaviota Beach (mouth of Canada de la Gaviota Creek, Santa Barbara County)	31510031	Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Hammonds Beach (Santa Barbara County)	31533010	Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	31532010	Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Jalama Beach (Santa Barbara County)	31510051	Fecal Coliform		Low	3.3 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source			
				Total Coliform		Low	3.3 Miles	
					Agriculture Pasture Grazing-Riparian and/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	C	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	31534012	Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
				Total Coliform		Low	0.06 Miles	
					Source Unknown			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	C	Pacific Ocean at Refugio Beach (Santa Barbara County)	31510022	Total Coliform		Low	0.06 Miles	
Source Unknown								
3	R	Pajaro River	30510030	Fecal Coliform		Low	32 Miles	
				<i>Impaired length is above Llagas Creek (approximately 4.5 miles).</i>				
				Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source				
				Nutrients		Medium	32 Miles	
				Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-subsurface drainage Agriculture-irrigation tailwater Agricultural Return Flows Urban Runoff/Storm Sewers Wastewater - land disposal Channelization Removal of Riparian Vegetation Nonpoint Source				
				Sedimentation/Siltation		Medium	32 Miles	
				Agriculture Irrigated Crop Production Range Grazing-Riparian and/or Upland Agriculture-storm runoff Resource Extraction Surface Mining Hydromodification Channelization Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion				
3	R	Pennington Creek	31022011	Fecal Coliform		Low	5.3 Miles	
Source Unknown								

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Rider Gulch Creek	30510010	Sedimentation/Siltation	Agriculture Silviculture Construction/Land Development	Medium	1.8 Miles	
3	R	Salinas Reclamation Canal	30911010	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	Low	5.9 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	5.9 Miles	
				Nitrate	Source Unknown	Low	5.9 Miles	
				Pesticides	Minor Industrial Point Source Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	Medium	5.9 Miles	
				Priority Organics	Minor Industrial Point Source Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Urban Runoff/Storm Sewers Source Unknown Nonpoint Source	Medium	5.9 Miles	
3	R	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	30917000	Fecal Coliform	Source Unknown	Low	31 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nutrients		Medium	31 Miles	
				Pesticides	Agriculture	Medium	31 Miles	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater 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/or Upland Agriculture-storm runoff Road Construction Land Development Channel Erosion Nonpoint Source			
3	R	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	30981177	Pesticides		Medium	72 Miles	
				<i>Area affected is the lower 20 miles of the middle Salinas River.</i>				
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source			
				Salinity/TDS/Chlorides		Low	72 Miles	
				<i>Area affected is the lower 20 miles of the middle Salinas River.</i>				
					Agriculture Natural Sources Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	72 Miles	
					Agriculture Irrigated Crop Production Range Grazing-Riparian and/or Upland Agriculture-storm runoff Road Construction Land Development Channel Erosion Nonpoint Source			
3	R	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	30981112					
				Chloride		Low	49 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers			
				Sodium		Low	49 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers			
3	E	Salinas River Lagoon (North)	30911010					
				Nutrients		Medium	197 Acres	
					Nonpoint Source			
				Pesticides		Medium	197 Acres	
				Sedimentation/Siltation	Agriculture	Medium	197 Acres	
					Nonpoint Source			
3	E	Salinas River Refuge Lagoon (South)	30911010					
				Nutrients		Medium	30 Acres	
					Agriculture			
				Pesticides		Medium	30 Acres	
					Agriculture			
				Salinity/TDS/Chlorides		Low	30 Acres	
					Agriculture			
3	R	San Antonio Creek (South Coast Watershed)	31531011					
				Sedimentation/Siltation		Low	6.5 Miles	
					Agriculture Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	San Benito River	30530020	Fecal Coliform		Low	86 Miles	
				Sedimentation/Siltation	Source Unknown	Medium	86 Miles	
					Agriculture Resource Extraction Nonpoint Source			
3	R	San Bernardo Creek	31022012	Fecal Coliform		Low	6.9 Miles	
					Source Unknown			
3	R	San Lorenzo Creek	30970023	Boron		Low	49 Miles	
				Fecal Coliform	Source Unknown	Low	49 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources			
3	R	San Lorenzo River	30412022	Nutrients		Low	27 Miles	
					Septage Disposal Nonpoint Source			
				Pathogens		Medium	27 Miles	
				Sedimentation/Siltation	Urban Runoff/Storm Sewers Septage Disposal	High	27 Miles	2002
					Silviculture Construction/Land Development Land Development Urban Runoff/Storm Sewers			
3	E	San Lorenzo River Lagoon	30412053	Pathogens		Medium	66 Acres	
					Urban Runoff/Storm Sewers Natural Sources			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	San Luis Obispo Creek (Below W Marsh Street)	31024012	Nutrients	Municipal Point Sources Agriculture Irrigated Crop Production Agriculture-storm runoff	High	9.6 Miles	2004
				Pathogens	Source Unknown	High	9.6 Miles	2004
				Priority Organics	Source Unknown	High	9.6 Miles	2002
3	R	San Luisito Creek	31022011	Fecal Coliform		Low	6.7 Miles	
					Source Unknown			
3	R	Santa Maria River	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			
				Salinity/TDS/Chlorides		Low	47 Miles	
					Agriculture			
				Sedimentation/Siltation		Low	47 Miles	
		Agriculture Urban Runoff/Storm Sewers Resource Extraction						
3	L	Schwan Lake	30412053	Nutrients		Low	23 Acres	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pathogens	Urban Runoff/Storm Sewers Natural Sources	Medium	23 Acres	
3	R	Shingle Mill Creek	30412022	Nutrients	Septage Disposal	Low	1.6 Miles	
				Sedimentation/Siltation	Construction/Land Development Nonpoint Source	High	1.6 Miles	2002
3	E	Soquel Lagoon	30413014	Nutrients	Septage Disposal Nonpoint Source	Low	1.2 Acres	
				Pathogens	Urban Runoff/Storm Sewers Natural Sources Nonpoint Source	Medium	1.2 Acres	
				Sedimentation/Siltation	Construction/Land Development	Low	1.2 Acres	
3	R	Tembladero Slough	30911010	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	Low	5 Miles	
				Nutrients	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	Low	5 Miles	
				Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows Nonpoint Source	Medium	5 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Tequisquita Slough	30530020	Fecal Coliform	Agriculture Natural Sources Nonpoint Source	Low	7.2 Miles	
3	R	Valencia Creek	30413023	Pathogens	Agriculture Septage Disposal	Medium	6.2 Miles	
				Sedimentation/Siltation	Agriculture Construction/Land Development	Low	6.2 Miles	
3	R	Waddell Creek, East Branch	30411010	Nutrients	Municipal Point Sources	Low	3.5 Miles	
3	R	Walters Creek	31022011	Fecal Coliform	Source Unknown	Low	2.8 Miles	
3	R	Warden Creek	31023010	Fecal Coliform	Source Unknown	Low	6 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	6 Miles	
3	R	Watsonville Slough	30510030	Pathogens	Urban Runoff/Storm Sewers Source Unknown Nonpoint Source	Medium	6.2 Miles	
				Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Nonpoint Source	Low	6.2 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	6.2 Miles	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Nonpoint Source			
3	R	Zayante Creek	30412040	Sedimentation/Siltation		Low	9.2 Miles	
					Agriculture Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source			
4	C	Abalone Cove Beach	40511000	Beach Closures		High	1.1 Miles	2002
				DDT (sediment)	Nonpoint Source	Low	1.1 Miles	
				PCBs	Nonpoint Source	Low	1.1 Miles	
					<i>Fish Consumption Advisory for PCBs.</i> 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	
					<i>Fish Consumption Advisory for DDT.</i> Nonpoint Source			
				PCBs	Nonpoint Source	Low	0.64 Miles	
					<i>Fish Consumption Advisory for PCBs.</i> Nonpoint Source			
4	R	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	40515010	Algae		High	5.2 Miles	2002
				High Coliform Count	Nonpoint Source	High	5.2 Miles	2002
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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
				High Coliform Count	Nonpoint Source	High	4.4 Miles	2002
				Trash	Nonpoint Source	Low	4.4 Miles	
					Nonpoint Source			
4	R	Ashland Avenue Drain	40513000					
				High Coliform Count		High	2.3 Miles	2002
				Organic Enrichment/Low Dissolved Oxygen	Nonpoint Source	Low	2.3 Miles	
				Toxicity	Nonpoint Source	Low	2.3 Miles	
					Nonpoint Source			
4	C	Avalon Beach	40511000					
				Bacteria Indicators		Low	0.67 Miles	
				<i>Area affected is between Pier and BB restaurant (2/3), between Pier and BB restaurant (1/3), between storm drain and Pier (1/3), and between BB restaurant and the Tuna Club.</i>				
					Nonpoint/Point Source			
4	R	Ballona Creek	40513000					
				Cadmium (sediment)		High	6.5 Miles	2004
				ChemA (tissue)	Nonpoint/Point Source	High	6.5 Miles	2004
				Chlordane (tissue)	Source Unknown	High	6.5 Miles	2004
				Copper, Dissolved	Nonpoint/Point Source	High	6.5 Miles	2004
				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
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	6.5 Miles	2003
				Lead, Dissolved	Nonpoint/Point Source	High	6.5 Miles	2004
				PCBs (tissue)	Nonpoint Source	High	6.5 Miles	2004
				pH	Nonpoint/Point Source	Low	6.5 Miles	
				Sediment Toxicity	Urban Runoff/Storm Sewers Nonpoint Source	High	6.5 Miles	2004
				Selenium, Total	Nonpoint/Point Source	Low	6.5 Miles	
				Silver (sediment)	Urban Runoff/Storm Sewers Nonpoint Source	Low	6.5 Miles	
				Toxicity	Nonpoint Source	High	6.5 Miles	2004
				Zinc, Dissolved	Nonpoint/Point Source	Low	6.5 Miles	
					Urban Runoff/Storm Sewers Nonpoint Source			
4	R	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	2004
				PAHs (sediment)	Nonpoint/Point Source	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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Shellfish Harvesting Advisory		High	2.3 Miles	2003
				Zinc (sediment)	Nonpoint/Point Source	High	2.3 Miles	2003
4	T	Ballona Creek Wetlands	40517000	Exotic Vegetation	Nonpoint Source	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	
4	R	Bell Creek	40521000	High Coliform Count	Nonpoint/Point Source	High	8.9 Miles	2002
4	C	Big Rock Beach	40431000	Beach Closures	Nonpoint Source	High	0.74 Miles	2002
				DDT <i>Fish consumption advisory for DDT.</i>	Nonpoint Source	Low	0.74 Miles	
				High Coliform Count	Nonpoint Source	High	0.74 Miles	2002
				PCBs <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Low	0.74 Miles	
4	C	Bluff Cove Beach	40511000	Beach Closures	Nonpoint Source	High	0.55 Miles	2002
				DDT <i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Low	0.55 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	0.55 Miles	
					Nonpoint Source			
4	R	Brown Barranca/Long Canyon	40321000					
				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		Low	13 Miles	
					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	2004
					Nonpoint Source			
				DDT <i>Fish consumption advisory for DDT.</i>		Medium	0.56 Miles	
					Nonpoint Source			
				PCBs <i>Fish consumption advisory for PCBs.</i>		Medium	0.56 Miles	
					Nonpoint Source			
4	C	Cabrillo Beach (Outer)	40512000					
				Beach Closures		High	0.58 Miles	2002
					Nonpoint Source			
				DDT <i>Fish consumption advisory for DDT.</i>		Low	0.58 Miles	
					Nonpoint Source			
				High Coliform Count		High	0.58 Miles	2002
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs <i>Fish consumption advisory for PCBs.</i>		Low	0.58 Miles	
					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)		Medium	344 Acres	
					Nonpoint Source			
				Endosulfan (tissue)		Medium	344 Acres	
					Nonpoint Source			
				Mercury		Medium	344 Acres	
					Nonpoint/Point Source			
				Nickel		Medium	344 Acres	
					Nonpoint/Point Source			
				Nitrogen		High	344 Acres	2002
					Nonpoint/Point Source			
				PCBs (tissue)		Medium	344 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	344 Acres	
					Nonpoint/Point Source			
				Sedimentation/Siltation		Medium	344 Acres	
					Agriculture Natural Sources			
				Zinc		Medium	344 Acres	
					Nonpoint/Point Source			
4	R	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	40312000					
				Ammonia		High	4.3 Miles	2002
					Nonpoint/Point Source			
				ChemA (tissue) <i>Historical use of pesticides and lubricants.</i>		Medium	4.3 Miles	
					Nonpoint Source			
				Chlordane (tissue)		Medium	4.3 Miles	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Copper, Dissolved		Low	4.3 Miles	
				DDT	Nonpoint Source	Low	4.3 Miles	
				DDT (tissue & sediment)	Nonpoint Source	Medium	4.3 Miles	
				Endosulfan (tissue)	Nonpoint Source	Medium	4.3 Miles	
				Fecal Coliform	Nonpoint Source	Low	4.3 Miles	
				<i>Area affected is at the mouth of the creek.</i>				
				Nitrogen	Nonpoint/Point Source	High	4.3 Miles	2002
				PCBs (tissue)	Nonpoint/Point Source	Medium	4.3 Miles	
				Sediment Toxicity	Nonpoint/Point Source	Medium	4.3 Miles	
				Sedimentation/Siltation	Nonpoint/Point Source	Low	4.3 Miles	
				Toxaphene (tissue & sediment)	Agriculture Natural Sources	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					
				Chloride	Nonpoint/Point Source	Medium	3.5 Miles	
				Nitrate and Nitrite	Nonpoint/Point Source	High	3.5 Miles	2002
				Sedimentation/Siltation	Nonpoint/Point Source	Low	3.5 Miles	
				Total Dissolved Solids	Agriculture Natural Sources	High	3.5 Miles	2003
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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			
				ChemA (tissue)		Medium	7.2 Miles	
				<i>Historical use of pesticides and lubricants.</i>				
					Nonpoint Source			
				Chlordane (tissue & sediment)		Medium	7.2 Miles	
					Nonpoint Source			
				Chlorpyrifos (tissue)		Medium	7.2 Miles	
					Nonpoint Source			
				DDT (tissue & sediment)		Medium	7.2 Miles	
					Nonpoint Source			
				Dieldrin (tissue)		Medium	7.2 Miles	
					Nonpoint Source			
				Endosulfan (tissue & sediment)		Medium	7.2 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	7.2 Miles	
					Nonpoint/Point Source			
				Nitrate as Nitrate (NO3)		Low	7.2 Miles	
					Nonpoint/Point Source			
				Nitrogen		High	7.2 Miles	2002
					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			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	40311000	Algae	Nonpoint Source	High	4.3 Miles	2002
				ChemA (tissue)	Nonpoint Source	Medium	4.3 Miles	
				Chlordane (tissue & sediment)	Nonpoint Source	Medium	4.3 Miles	
				Chlorpyrifos (tissue)	Nonpoint Source	High	4.3 Miles	2003
				Dacthal (sediment)	Nonpoint Source	Medium	4.3 Miles	
				DDT (tissue & sediment)	Nonpoint Source	Medium	4.3 Miles	
				Dieldrin (tissue)	Nonpoint Source	Medium	4.3 Miles	
				Endosulfan (tissue & sediment)	Nonpoint Source	Medium	4.3 Miles	
				Nitrogen	Nonpoint Source	High	4.3 Miles	2002
				PCBs (tissue)	Nonpoint Source	Medium	4.3 Miles	
				Sedimentation/Siltation	Nonpoint Source	Low	4.3 Miles	
				Toxaphene (tissue & sediment)	Agriculture Natural Sources Nonpoint Source	Medium	4.3 Miles	
				Toxicity	Nonpoint Source	High	4.3 Miles	2004
				Trash	Nonpoint Source	Low	4.3 Miles	
4	R	Calleguas Creek Reach 6 (was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	40362000	Ammonia	Nonpoint/Point Source	High	15 Miles	2002
				Chloride	Nonpoint/Point Source	Medium	15 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT (sediment)		Medium	15 Miles	
				Fecal Coliform	Nonpoint Source	Low	15 Miles	
				Nitrate and Nitrite	Nonpoint/Point Source	High	15 Miles	2002
				Nitrate as Nitrate (NO3)	Nonpoint/Point Source	High	15 Miles	2002
				Sedimentation/Siltation	Nonpoint/Point Source	Low	15 Miles	
				Sulfates	Agriculture Natural Sources	High	15 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	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
				Boron	Nonpoint/Point Source	High	14 Miles	2003
				Chloride	Nonpoint Source	Medium	14 Miles	
				Fecal Coliform	Nonpoint Source	Low	14 Miles	
				Organophosphorus Pesticides	Nonpoint Source	Low	14 Miles	
				Sedimentation/Siltation	Municipal Point Sources Agriculture	Low	14 Miles	
				Sulfates	Agriculture Natural Sources	High	14 Miles	2003
				Total Dissolved Solids	Nonpoint Source	High	14 Miles	2003
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	40366000	Boron	Nonpoint/Point Source	High	7.2 Miles	2003
				Chloride	Nonpoint/Point Source	High	7.2 Miles	2002
				Sedimentation/Siltation	Nonpoint Source	Low	7.2 Miles	
				Sulfates	Nonpoint/Point Source	High	7.2 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	7.2 Miles	2003
4	R	Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	40312000	Algae	Nonpoint/Point Source	High	1.7 Miles	2002
				ChemA (tissue)	Nonpoint Source	Low	1.7 Miles	
				Chlordane (tissue) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	1.7 Miles	
				DDT (tissue)	Nonpoint Source	Low	1.7 Miles	
				Dieldrin (tissue) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	1.7 Miles	
				Endosulfan (tissue)	Nonpoint Source	Low	1.7 Miles	
				Fecal Coliform	Nonpoint/Point Source	Low	1.7 Miles	
				Hexachlorocyclohexane/HCH (tissue) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	1.7 Miles	
				Nitrate as Nitrate (NO3)	Nonpoint/Point Source	Low	1.7 Miles	
				Nitrate as Nitrogen	Nonpoint/Point Source	Low	1.7 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrite as Nitrogen		Low	1.7 Miles	
					Nonpoint/Point Source			
				PCBs (tissue)		Low	1.7 Miles	
				<i>Historical use of pesticides and lubricants.</i>				
					Nonpoint Source			
				Sulfates		High	1.7 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		High	1.7 Miles	2003
					Nonpoint/Point Source			
				Toxaphene (tissue & sediment)		Medium	1.7 Miles	
					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			
				ChemA (tissue)		Low	6.2 Miles	
					Nonpoint Source			
				Chloride		Medium	6.2 Miles	
					Nonpoint/Point Source			
				DDT (tissue)		Low	6.2 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Low	6.2 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	6.2 Miles	
					Nonpoint/Point Source			
				Sulfates		High	6.2 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		High	6.2 Miles	2003
					Nonpoint/Point Source			
				Toxaphene (tissue & sediment)		Medium	6.2 Miles	
					Nonpoint Source			
				Toxicity		High	6.2 Miles	2004
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Calleguas Creek Reach 10 (Conejo Creek (Hill Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)	40364000					
				Algae		High	3 Miles	2002
					Nonpoint/Point Source			
				Ammonia		High	3 Miles	2002
					Nonpoint/Point Source			
				ChemA (tissue)		Medium	3 Miles	
					Nonpoint Source			
				Chloride		Medium	3 Miles	
					Nonpoint/Point Source			
				DDT (tissue)		Medium	3 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Medium	3 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	3 Miles	
					Nonpoint Source			
				Nitrite as Nitrogen		Low	3 Miles	
					Nonpoint/Point Source			
				Sulfates		High	3 Miles	2003
					Nonpoint Source			
				Total Dissolved Solids		High	3 Miles	2003
					Nonpoint/Point Source			
				Toxaphene (tissue & sediment)		Medium	3 Miles	
					Nonpoint Source			
				Toxicity		High	3 Miles	2004
					Nonpoint/Point Source			
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
					Nonpoint/Point Source			
				Ammonia		High	8.7 Miles	2002
					Nonpoint/Point Source			
				ChemA (tissue)		Medium	8.7 Miles	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT (tissue)		Medium	8.7 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Medium	8.7 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	8.7 Miles	
					Nonpoint/Point Source			
				Sedimentation/Siltation		Low	8.7 Miles	
					Agriculture Natural Sources			
				Sulfates		High	8.7 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		High	8.7 Miles	2003
					Nonpoint/Point Source			
				Toxaphene (tissue & sediment)		Medium	8.7 Miles	
					Nonpoint/Point Source			
				Toxicity		High	8.7 Miles	2004
					Nonpoint/Point Source			
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	
					Nonpoint Source			
				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
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				ChemA (tissue)		Medium	17 Miles	
				Chloride	Nonpoint Source	Medium	17 Miles	
				DDT (tissue)	Nonpoint/Point Source	Medium	17 Miles	
				Endosulfan (tissue)	Nonpoint Source	Medium	17 Miles	
				Sulfates	Nonpoint Source	High	17 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	17 Miles	2003
				Toxaphene (tissue & sediment)	Nonpoint/Point Source	Medium	17 Miles	
				Toxicity	Nonpoint Source	High	17 Miles	2004
					Nonpoint/Point Source			
4	R	Canada Larga (Ventura River Watershed)	40210010	Fecal Coliform		Low	8 Miles	
				<i>Horse stables, land use, cattle, and wildlife may be sources.</i>	Nonpoint Source			
				Low Dissolved Oxygen		Low	8 Miles	
					Nonpoint Source			
4	C	Carbon Beach	40416000	Beach Closures		High	1.5 Miles	2002
				DDT	Nonpoint Source	Low	1.5 Miles	
				<i>Fish consumption advisory for DDT.</i>	Nonpoint Source			
				PCBs		Low	1.5 Miles	
				<i>Fish consumption advisory for PCBs.</i>	Nonpoint Source			
4	C	Castlerock Beach	40513000	Bacteria Indicators		Low	0.21 Miles	
				Beach Closures	Nonpoint/Point Source	High	0.21 Miles	2002
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead		High	8.5 Miles	2003
					Nonpoint/Point Source			
				pH		High	8.5 Miles	2002
					Nonpoint/Point Source			
4	R	Coyote Creek	40515010					
				Abnormal Fish Histology		Medium	13 Miles	
					Nonpoint/Point Source			
				Algae		High	13 Miles	2003
					Nonpoint/Point Source			
				Copper, Dissolved		Low	13 Miles	
					Nonpoint Source			
				High Coliform Count		High	13 Miles	2003
					Nonpoint/Point Source			
				Lead, Dissolved		Low	13 Miles	
					Nonpoint Source			
				Selenium, Total		Low	13 Miles	
					Nonpoint Source			
				Zinc, Dissolved		Low	13 Miles	
					Nonpoint Source			
4	L	Crystal Lake	40543000					
				Organic Enrichment/Low Dissolved Oxygen		Medium	3.7 Acres	
					Nonpoint Source			
4	C	Dan Blocker Memorial (Coral) Beach	40431000					
				High Coliform Count		High	2.1 Miles	2002
					Nonpoint Source			
4	C	Dockweiler Beach	40512000					
				Beach Closures		High	4.6 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	4.6 Miles	2002
					Nonpoint Source			
4	R	Dominguez Channel (above Vermont)	40512000					
				Aldrin (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Ammonia		Medium	6.7 Miles	
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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			
				Copper		Medium	6.7 Miles	
					Nonpoint/Point Source			
				DDT (tissue & sediment)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Dieldrin (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				High Coliform Count		High	6.7 Miles	2003
					Nonpoint/Point Source			
				Lead (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				PAHs (sediment)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				PCBs (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Zinc (sediment)		Low	6.7 Miles	
					Nonpoint/Point Source			
4	R	Dominguez Channel (Estuary to Vermont)	40512000					
				Aldrin (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Ammonia		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Benthic Community Effects		Medium	8.3 Miles	
					Nonpoint/Point Source			
				ChemA (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Chlordane (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Chromium (sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				DDT (tissue & sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Dieldrin (tissue)		Medium	8.3 Miles	
				High Coliform Count	Nonpoint/Point Source	High	8.3 Miles	2003
				Lead (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
				PAHs (sediment)	Nonpoint/Point Source	Medium	8.3 Miles	
				Zinc (sediment)	Nonpoint/Point Source	Medium	8.3 Miles	
					Nonpoint/Point Source			
4	R	Dry Canyon Creek	40521000					
				Fecal Coliform		Low	3.9 Miles	
					Urban Runoff/Storm Sewers Natural Sources			
				Selenium, Total		Low	3.9 Miles	
					Nonpoint Source			
4	R	Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	40311000					
				ChemA (tissue)		Medium	12 Miles	
					Nonpoint Source			
				Chlordane (tissue)		Medium	12 Miles	
					Nonpoint Source			
				DDT (tissue & sediment)		Medium	12 Miles	
					Nonpoint Source			
				Nitrogen		High	12 Miles	2002
					Nonpoint Source			
				Sediment Toxicity		Medium	12 Miles	
					Nonpoint Source			
				Toxaphene (tissue)		Medium	12 Miles	
					Nonpoint Source			
				Toxicity		High	12 Miles	2004
					Nonpoint Source			
4	L	Echo Park Lake	40515010					
				Algae		Low	13 Acres	
					Nonpoint Source			
				Ammonia		Low	13 Acres	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	Escondido Beach	40434000	Beach Closures		High	1.2 Miles	2002
				DDT	Nonpoint Source	Low	1.2 Miles	
				<i>Fish consumption advisory for DDT.</i>				
				PCBs	Nonpoint Source	Low	1.2 Miles	
				<i>Fish consumption advisory for PCBs.</i>				
				Nonpoint Source				
4	C	Flat Rock Point Beach Area	40511000	Beach Closures		High	0.11 Miles	2002
				DDT	Nonpoint Source	Low	0.11 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				PCBs	Nonpoint Source	Low	0.11 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
				Nonpoint Source				
4	R	Fox Barranca (tributary to Calleguas Creek Reach 6)	40362000	Boron		High	6.7 Miles	2003
				Nitrate and Nitrite	Nonpoint Source	High	6.7 Miles	2002
				Sulfates	Nonpoint Source	High	6.7 Miles	2003
				Total Dissolved Solids	Nonpoint Source	High	6.7 Miles	2003
								Nonpoint Source
4	C	Hermosa Beach	40512000	Beach Closures		High	2 Miles	2002
						Nonpoint Source		
4	C	Hobie Beach (Channel Islands Harbor)	40311000	Bacteria Indicators		Low	0.06 Miles	
						Nonpoint/Point Source		
4	R	Hopper Creek	40341000	Sulfates		Low	13 Miles	
						Nonpoint/Point Source		

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		Low	13 Miles	
				Nonpoint/Point Source				
4	C	Inspiration Point Beach	40511000	Beach Closures		High	0.14 Miles	2002
				Nonpoint Source				
				DDT		Low	0.14 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				Nonpoint Source				
				PCBs		Low	0.14 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
				Nonpoint Source				
4	C	La Costa Beach	40416000	Beach Closures		High	0.74 Miles	2002
				Nonpoint Source				
				DDT		Low	0.74 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				Nonpoint Source				
				PCBs		Low	0.74 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
				Nonpoint Source				
4	L	Lake Calabasas	40521000	Ammonia		Low	18 Acres	
				Nonpoint Source				
				DDT (tissue)		Low	18 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				
4	L	Lake Hughes	40351000	Algae		Medium	21 Acres	
				Nonpoint Source				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Eutrophic		Medium	21 Acres	
				Fish Kills	Nonpoint Source	Medium	21 Acres	
				Odors	Nonpoint Source	Medium	21 Acres	
				Trash	Nonpoint Source	Medium	21 Acres	
4	L	Lake Lindero	40423000	Algae	Nonpoint Source	High	15 Acres	2002
				Chloride	Nonpoint Source	Low	15 Acres	
				Eutrophic	Nonpoint Source	High	15 Acres	2002
				Odors	Nonpoint Source	High	15 Acres	2002
				Specific conductivity	Nonpoint Source	Low	15 Acres	
				Trash	Nonpoint Source	Medium	15 Acres	
4	L	Lake Sherwood	40426000	Algae	Nonpoint Source	High	135 Acres	2003
				Ammonia	Nonpoint Source	High	135 Acres	2002
				Eutrophic	Nonpoint Source	High	135 Acres	2002
				Mercury (tissue)	Nonpoint Source	High	135 Acres	2004
				Organic Enrichment/Low Dissolved Oxygen	Nonpoint Source	High	135 Acres	2002
4	C	Las Flores Beach	40415000	DDT		Low	1.1 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	1.1 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.1 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	C	Las Tunas Beach	40412000	Beach Closures		High	1.2 Miles	2002
					Nonpoint Source			
				DDT		Low	1.2 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				PCBs		Low	1.2 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	R	Las Virgenes Creek	40422010	High Coliform Count		High	12 Miles	2003
					Nonpoint Source			
				Nutrients (Algae)		High	12 Miles	2003
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		High	12 Miles	2002
					Nonpoint Source			
				Scum/Foam-unnatural		High	12 Miles	2002
					Nonpoint Source			
				Sedimentation/Siltation		Low	12 Miles	
					Source Unknown			
				Selenium		High	12 Miles	2004
					Nonpoint Source			
				Trash		Medium	12 Miles	
					Nonpoint Source			
4	L	Legg Lake	40531000	Ammonia		Medium	25 Acres	
					Nonpoint Source			
				Copper		Medium	25 Acres	
					Nonpoint Source			
				Lead		Medium	25 Acres	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Odors		Medium	25 Acres	
				pH	Nonpoint Source	Medium	25 Acres	
				Trash	Nonpoint Source	Low	25 Acres	
4	C	Leo Carillo Beach (South of County Line)	40444000	Beach Closures	Nonpoint Source	High	1.8 Miles	2002
				High Coliform Count	Nonpoint Source	High	1.8 Miles	2002
4	L	Lincoln Park Lake	40515010	Ammonia	Nonpoint Source	Low	3.8 Acres	
				Eutrophic	Nonpoint Source	Low	3.8 Acres	
				Lead	Nonpoint Source	Low	3.8 Acres	
				Odors	Nonpoint Source	Low	3.8 Acres	
				Organic Enrichment/Low Dissolved Oxygen	Nonpoint Source	Low	3.8 Acres	
4	R	Lindero Creek Reach 1	40423000	Algae	Nonpoint Source	High	3 Miles	2003
				High Coliform Count	Nonpoint Source	High	3 Miles	2003
				Scum/Foam-unnatural	Nonpoint Source	High	3 Miles	2002
				Selenium	Nonpoint Source	High	3 Miles	2004
				Trash	Nonpoint Source	Medium	3 Miles	
4	R	Lindero Creek Reach 2 (Above Lake)	40425000	Algae	Nonpoint Source	High	4.5 Miles	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	4.5 Miles	2003
				Scum/Foam-unnatural	Nonpoint Source	High	4.5 Miles	2002
				Selenium	Nonpoint Source	High	4.5 Miles	2004
				Trash	Nonpoint Source	Medium	4.5 Miles	
4	B	Long Beach Harbor Main Channel, SE, W Basin, Pier J, Breakwater	40518000	Benthic Community Effects	Nonpoint Source	Medium	1076 Acres	
				DDT (tissue) <i>Fish Consumption Advisory.</i>	Nonpoint Source	Medium	1076 Acres	
				PAHs (sediment)	Nonpoint Source	Medium	1076 Acres	
				PCBs (tissue) <i>Fish Consumption Advisory.</i>	Nonpoint Source	Medium	1076 Acres	
				Sediment Toxicity	Nonpoint Source	Medium	1076 Acres	
4	C	Long Point Beach	40511000	DDT <i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Low	0.7 Miles	
				High Coliform Count	Nonpoint Source	High	0.7 Miles	2002
				PCBs <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Low	0.7 Miles	
4	B	Los Angeles Fish Harbor	40518000	DDT	Nonpoint Source	Medium	34 Acres	
				PAHs	Nonpoint Source	Medium	34 Acres	
				PCBs	Nonpoint Source	Medium	34 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	B	Los Angeles Harbor Consolidated Slip	40512000					
				Benthic Community Effects		Medium	36 Acres	
					Nonpoint Source			
				Cadmium (sediment)		Low	36 Acres	
				<i>Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.</i>				
					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	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				Dieldrin (tissue)		Low	36 Acres	
				<i>Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.</i>				
					Nonpoint Source			
				Lead (sediment)		Medium	36 Acres	
					Nonpoint Source			
				Mercury (sediment)		Low	36 Acres	
				<i>Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.</i>				
					Nonpoint Source			
				Nickel (sediment)		Low	36 Acres	
					Nonpoint Source			
				PAHs (sediment)		Medium	36 Acres	
					Nonpoint Source			
				PCBs (tissue & sediment)		Medium	36 Acres	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
				Sediment Toxicity		Medium	36 Acres	
					Nonpoint Source			
				Toxaphene (tissue)		Low	36 Acres	
					Nonpoint Source			
				Zinc (sediment)		Low	36 Acres	
				<i>Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.</i>				
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	B	Los Angeles Harbor Inner Breakwater	40512000	DDT	Nonpoint Source	Medium	74 Acres	
				PAHs		Medium	74 Acres	
				PCBs		Medium	74 Acres	
4	B	Los Angeles Harbor Main Channel	40518000	Beach Closures	Nonpoint/Point Source	High	279 Acres	2004
				Copper (tissue & sediment)		Medium	279 Acres	
				DDT (tissue & sediment)		Medium	279 Acres	
				<i>Fish Consumption Advisory for DDT.</i>				
				PAHs (tissue & sediment)		Medium	279 Acres	
				PCBs (tissue & sediment)		Medium	279 Acres	
				<i>Fish Consumption Advisory for PCBs.</i>				
				Sediment Toxicity		Medium	279 Acres	
Zinc (tissue & sediment)	Medium	279 Acres						
4	B	Los Angeles Harbor Southwest Slip	40512000	DDT	Nonpoint Source	Medium	63 Acres	
				<i>Fish Consumption Advisory for DDT.</i>				
				PCBs		Medium	63 Acres	
4	E	Los Angeles River Estuary (Queensway Bay)	40512000	Chlordane (sediment)	Nonpoint Source	Low	261 Acres	
				<i>Historical use of pesticides and lubricants.</i>				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT (sediment) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	261 Acres	
				Lead (sediment) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	261 Acres	
				PCBs (sediment) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	261 Acres	
				Zinc (sediment) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	261 Acres	
4	R	Los Angeles River Reach 1 (Estuary to Carson Street)	40512000	Aluminum, Total	Nonpoint/Point Source	Low	3.4 Miles	
				Ammonia	Nonpoint/Point Source	High	3.4 Miles	2003
				Cadmium, Dissolved	Nonpoint/Point Source	Low	3.4 Miles	
				Copper, Dissolved	Nonpoint/Point Source	High	3.4 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	3.4 Miles	2003
				Lead	Nonpoint/Point Source	High	3.4 Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	3.4 Miles	2003
				pH	Nonpoint/Point Source	High	3.4 Miles	2003
				Scum/Foam-unnatural	Nonpoint/Point Source	High	3.4 Miles	2003
				Zinc, Dissolved	Nonpoint/Point Source	High	3.4 Miles	2003
4	R	Los Angeles River Reach 2 (Carson to Figueroa Street)	40515010	Ammonia	Nonpoint/Point Source	High	19 Miles	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	19 Miles	2003
				Lead	Nonpoint/Point Source	High	19 Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	19 Miles	2003
				Odors	Nonpoint/Point Source	High	19 Miles	2003
				Oil	Nonpoint/Point Source	Low	19 Miles	
				Scum/Foam-unnatural	Nonpoint/Point Source	High	19 Miles	2002
4	R	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	40521000					
				Ammonia		High	7.9 Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	7.9 Miles	2003
				Odors	Nonpoint/Point Source	High	7.9 Miles	2003
				Scum/Foam-unnatural	Nonpoint/Point Source	High	7.9 Miles	2003
4	R	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	40521000					
				Ammonia		High	11 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	11 Miles	2003
				Lead	Nonpoint/Point Source	High	11 Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	11 Miles	2003
				Odors	Nonpoint/Point Source	High	11 Miles	2003
				Scum/Foam-unnatural	Nonpoint/Point Source	High	11 Miles	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Los Angeles River Reach 5 (within Sepulveda Basin)	40521000	Ammonia	Nonpoint/Point Source	High	5.4 Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	5.4 Miles	2003
				Odors	Nonpoint/Point Source	High	5.4 Miles	2003
				Oil	Nonpoint/Point Source	Low	5.4 Miles	
				Scum/Foam-unnatural	Nonpoint/Point Source	High	5.4 Miles	2003
4	R	Los Angeles River Reach 6 (Above Sepulveda Flood Control Basin)	40521000	Dichloroethylene/1,1-DCE	Nonpoint Source	Low	7 Miles	
				High Coliform Count	Nonpoint Source	High	7 Miles	2003
				Tetrachloroethylene/PCE	Nonpoint Source	Low	7 Miles	
				Trichloroethylene/TCE	Nonpoint Source	Low	7 Miles	
4	T	Los Cerritos Channel	40515010	Ammonia	Nonpoint Source	Medium	31 Acres	
				Chlordane (sediment)	Source Unknown	Low	31 Acres	
				Copper	Nonpoint Source	Medium	31 Acres	
				High Coliform Count	Nonpoint Source	Medium	31 Acres	
				Lead	Nonpoint Source	Medium	31 Acres	
				Zinc	Nonpoint Source	Medium	31 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	Lunada Bay Beach	40511000	Beach Closures		Low	0.63 Miles	
Nonpoint Source								
4	L	Machado Lake (Harbor Park Lake)	40512000	Algae		Low	45 Acres	
Nonpoint Source								
				Ammonia		Low	45 Acres	
Nonpoint Source								
				ChemA (tissue) <i>Historical use of pesticides and lubricants.</i>		Medium	45 Acres	
Nonpoint Source								
				Chlordane (tissue) <i>Fish Consumption Advisory.</i>		Low	45 Acres	
Nonpoint Source								
				DDT (tissue) <i>Fish Consumption Advisory.</i>		Low	45 Acres	
Nonpoint Source								
				Dieldrin (tissue)		Low	45 Acres	
Nonpoint Source								
				Eutrophic		Low	45 Acres	
Nonpoint Source								
				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 <i>Fish Consumption Advisory for DDT.</i>		Low	0.39 Miles	
Nonpoint Source								
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	0.39 Miles	
Nonpoint Source								

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	Malibu Lake	40424000	Algae	Nonpoint Source	High	40 Acres	2002
				Eutrophic		High	40 Acres	2002
				Organic Enrichment/Low Dissolved Oxygen		High	40 Acres	2002
4	C	Malibu Beach	40421000	Beach Closures	Nonpoint Source	High	0.77 Miles	2002
				DDT		Low	0.77 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
4	R	Malibu Creek	40421000	Fish barriers	Dam Construction	Low	11 Miles	
				High Coliform Count		High	11 Miles	2003
				Nutrients (Algae)		High	11 Miles	2003
				Scum/Foam-unnatural		High	11 Miles	2003
				Sedimentation/Siltation		Low	11 Miles	
				Trash		Medium	11 Miles	
4	E	Malibu Lagoon	40421000	Benthic Community Effects	Nonpoint/Point Source	Low	15 Acres	
				Enteric Viruses		High	15 Acres	2002
				Eutrophic		High	15 Acres	2002
				High Coliform Count		High	15 Acres	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				pH		Low	15 Acres	
				<i>Possible sources might be septic systems, storm drains, and birds.</i>				
					Source Unknown			
				Shellfish Harvesting Advisory		High	15 Acres	2002
					Nonpoint/Point Source			
				Swimming Restrictions		High	15 Acres	2002
					Nonpoint/Point Source			
4	C	Malibu Lagoon Beach (Surfrider)	40421000					
				Beach Closures		High	1 Miles	2002
					Nonpoint Source			
				DDT		Low	1 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				High Coliform Count		High	1 Miles	2002
					Nonpoint Source			
				PCBs		Low	1 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	C	Manhattan Beach	40512000					
				Beach Closures		High	2 Miles	2002
					Nonpoint Source			
4	B	Marina del Rey Harbor - Back Basins	40517000					
				Chlordane (tissue & sediment)		Medium	391 Acres	
					Nonpoint Source			
				Copper (sediment)		Low	391 Acres	
					Nonpoint Source			
				DDT (tissue)		Medium	391 Acres	
					Nonpoint Source			
				Dieldrin (tissue)		Medium	391 Acres	
					Nonpoint Source			
				Fish Consumption Advisory		Medium	391 Acres	
					Nonpoint Source			
				High Coliform Count		High	391 Acres	2003
					Nonpoint Source			
				Lead (sediment)		Medium	391 Acres	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (tissue & sediment) <i>Historical use of pesticides, storm water runoff/aerial deposition from urban areas. Shellfish harvesting advisory for PCBs in tissue.</i>		Medium	391 Acres	
					Nonpoint Source			
				Sediment Toxicity		Medium	391 Acres	
					Nonpoint Source			
				Zinc (sediment)		Medium	391 Acres	
					Nonpoint Source			
4	C	Marina del Rey Harbor Beach	40517000					
				Beach Closures		High	0.29 Miles	2003
					Nonpoint Source			
				High Coliform Count		High	0.29 Miles	2003
					Nonpoint Source			
4	R	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					
				Fish barriers		Low	15 Miles	
					Dam Construction			
4	L	Matilija Reservoir	40220012					
				Fish barriers		Low	121 Acres	
					Dam Construction			
4	R	McCoy Canyon Creek	40521000					
				Fecal Coliform		Low	4 Miles	
					Nonpoint Source			
				Nitrate		Low	4 Miles	
					Nonpoint Source			
				Nitrate as Nitrogen		Low	4 Miles	
					Urban Runoff/Storm Sewers Natural Sources			
				Selenium, Total		Low	4 Miles	
					Urban Runoff/Storm Sewers Natural Sources			
4	C	McGrath Beach	40311000					
				High Coliform Count		High	1.5 Miles	2003
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	L	McGrath Lake	40311000	Chlordane (sediment)		Medium	20 Acres	
				DDT (sediment)	Nonpoint Source	Medium	20 Acres	
				Dieldrin (sediment)	Nonpoint Source	Low	20 Acres	
				<i>Historical use of pesticides and lubricants, storm water runoff/aerial deposition from agricultural fields.</i>				
				Fecal Coliform		Low	20 Acres	
				PCBs (sediment)	Agriculture Landfills Natural Sources	Low	20 Acres	
				<i>Historical use of pesticides and lubricants, storm water runoff/aerial deposition from agricultural fields.</i>				
				Sediment Toxicity		Medium	20 Acres	
					Nonpoint Source			
4	R	Medea Creek Reach 1 (Lake to Confl. with Lindero)	40424000	Algae		High	2.6 Miles	2003
				High Coliform Count	Nonpoint Source	High	2.6 Miles	2003
				Sedimentation/Siltation	Nonpoint Source	Low	2.6 Miles	
				Selenium	Source Unknown	High	2.6 Miles	2004
				Trash	Nonpoint Source	Medium	2.6 Miles	
					Nonpoint Source			
4	R	Medea Creek Reach 2 (Abv Confl. with Lindero)	40423000	Algae		High	5.4 Miles	2003
				High Coliform Count	Nonpoint Source	High	5.4 Miles	2003
				Sedimentation/Siltation	Nonpoint Source	Low	5.4 Miles	
					Source Unknown			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		High	5.4 Miles	2004
				Trash	Nonpoint Source	Medium	5.4 Miles	
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		High	3.4 Miles	2003
					Nonpoint Source			
4	L	Munz Lake	40351000					
				Eutrophic		Medium	6.6 Acres	
				Trash	Nonpoint Source	Medium	6.6 Acres	
					Nonpoint Source			
4	C	Nicholas Canyon Beach	40444000					
				Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			
				DDT		Low	1.7 Miles	
				<i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source			
				PCBs		Low	1.7 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source			
4	C	Ormond Beach	40311000					
				Bacteria Indicators		Low	1.6 Miles	
				<i>The areas affected are: a 50 yard area north of Oxnard Industrial Drain and a 50 yard area south of J Street drain.</i>	Nonpoint/Point Source			
4	R	Palo Comado Creek	40423000					
				High Coliform Count		High	6.8 Miles	2003
					Nonpoint Source			
4	C	Palo Verde Shoreline Park Beach	40511000					
				Pathogens		High	0.24 Miles	2002
					Source Unknown			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		Low	0.24 Miles	
					Source Unknown			
4	C	Paradise Cove Beach	40435000	Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			
				DDT		Low	1.7 Miles	
				<i>Fish consumption advisory for DDT.</i>				
					Nonpoint Source			
				High Coliform Count		High	1.7 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.7 Miles	
				<i>Fish consumption advisory for PCBs.</i>				
					Nonpoint Source			
4	L	Peck Road Park Lake	40531000	Chlordane (tissue)		Low	103 Acres	
					Nonpoint Source			
				DDT (tissue)		Low	103 Acres	
					Nonpoint Source			
				Lead		Low	103 Acres	
					Nonpoint Source			
				Odors		Low	103 Acres	
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Low	103 Acres	
					Nonpoint Source			
4	C	Peninsula Beach	40311000	Bacteria Indicators		Low	0.2 Miles	
				<i>Area affected is beach area north of South Jetty.</i>				
					Nonpoint/Point Source			
4	R	Pico Kenter Drain	40513000	Ammonia		Low	8 Miles	
					Nonpoint Source			
				Copper		Medium	8 Miles	
					Nonpoint Source			
				Enteric Viruses		High	8 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	8 Miles	2002
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead		Medium	8 Miles	
				PAHs	Nonpoint Source	Low	8 Miles	
				Toxicity	Nonpoint Source	Medium	8 Miles	
				Trash	Nonpoint Source	Low	8 Miles	
4	R	Piru Creek (tributary to Santa River Reach 4)	40342000	pH	Nonpoint Source Conservation Dishcharge Releases	Low	63 Miles	
4	C	Point Dume Beach	40435000	Beach Closures	Nonpoint Source	High	2.5 Miles	2002
				DDT	Nonpoint Source <i>Fish consumption advisory for DDT.</i>	Low	2.5 Miles	
				PCBs	Nonpoint Source <i>Fish consumption advisory for PCBs.</i>	Low	2.5 Miles	
4	C	Point Fermin Park Beach	40512000	Beach Closures	Nonpoint Source	High	1.6 Miles	2002
				DDT	Nonpoint Source <i>Fish consumption advisory for DDT.</i>	Low	1.6 Miles	
				PCBs	Nonpoint Source <i>Fish consumption advisory for PCBs.</i>	Low	1.6 Miles	
4	C	Point Vicente Beach	40511000	Beach Closures	Nonpoint Source	High	0.63 Miles	2002
4	R	Pole Creek (trib to Santa Clara River Reach 3)	40331000	Sulfates	Nonpoint Source	Low	9 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		Low	9 Miles	
					Nonpoint Source			
4	B	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	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				PCBs		Low	1.4 Miles	
				<i>Fish Consumption Advisory for PCB.</i>				
					Nonpoint Source			
4	C	Promenade Park Beach	40210000	Bacteria Indicators		Low	0.37 Miles	
				<i>Area affected is at Oak Street , Redwood Apartments, and south of drain at California Street.</i>				
					Nonpoint/Point Source			
4	L	Puddingstone Reservoir	40552000	Chlordane (tissue)		Medium	243 Acres	
					Nonpoint Source			
				DDT (tissue)		Medium	243 Acres	
					Nonpoint Source			
				Mercury (tissue)		Medium	243 Acres	
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Low	243 Acres	
					Nonpoint Source			
				PCBs (tissue)		Low	243 Acres	
					Nonpoint Source			
4	C	Puerco Beach	40431000	Beach Closures		High	0.5 Miles	2002
					Nonpoint Source			
				DDT		Low	0.5 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	0.5 Miles	
					Nonpoint Source			
4	C	Redondo Beach	40512000	Beach Closures		High	1.5 Miles	2002
					Nonpoint Source			
				DDT <i>Fish Consumption Advisory for DDT.</i>		Low	1.5 Miles	
					Nonpoint Source			
				High Coliform Count		High	1.5 Miles	2002
					Nonpoint Source			
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	1.5 Miles	
					Nonpoint Source			
4	C	Resort Point Beach	40511000	Beach Closures		High	0.15 Miles	2002
					Nonpoint Source			
4	C	Rincon Beach	40100010	Bacteria Indicators <i>Area affected is 50 and 150 yards south of mouth of Rincon Creek, and at the end of the footpath.</i>		Low	0.09 Miles	
					Nonpoint/Point Source			
4	R	Rio De Santa Clara/Oxnard Drain No. 3	40311000	ChemA (tissue)		Medium	1.9 Miles	
					Nonpoint Source			
				Chlordane (tissue)		Medium	1.9 Miles	
					Nonpoint Source			
				DDT (tissue)		Medium	1.9 Miles	
					Nonpoint Source			
				Nitrogen		High	1.9 Miles	2002
					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			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	40515010	Copper	Nonpoint/Point Source	High	4.6 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	4.6 Miles	2002
				Lead	Nonpoint/Point Source	High	4.6 Miles	2003
				pH	Nonpoint/Point Source	High	4.6 Miles	2002
				Trash	Nonpoint/Point Source	Low	4.6 Miles	
				Zinc	Nonpoint/Point Source	High	4.6 Miles	2003
4	R	Rio Hondo Reach 2 (At Spreading Grounds)	40515010	High Coliform Count	Nonpoint/Point Source	High	4.9 Miles	2002
4	C	Robert H. Meyer Memorial Beach	40441000	Beach Closures	Nonpoint Source	High	1.2 Miles	2002
				DDT <i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Low	1.2 Miles	
				PCBs <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Low	1.2 Miles	
4	C	Rocky Point Beach	40511000	Beach Closures	Nonpoint Source	High	0.49 Miles	2002
4	C	Royal Palms Beach	40511000	Beach Closures	Nonpoint Source	High	1.1 Miles	2002
				DDT <i>Fish consumption advisory for DDT.</i>	Nonpoint Source	Low	1.1 Miles	
				PCBs <i>Fish consumption advisory for PCBs.</i>	Nonpoint Source	Low	1.1 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	San Antonio Creek (Tributary to Ventura River Reach 4)	40220023	Nitrogen	Nonpoint Source	Low	9.8 Miles	
4	C	San Buenaventure Beach	40210000	Bacteria Indicators <i>Area affected is south of drain at Kalorama Street and south of drain at San Jon Road.</i>	Nonpoint/Point Source	Low	0.3 Miles	
4	R	San Gabriel River Estuary	40516000	Abnormal Fish Histology	Nonpoint/Point Source	Medium	3.4 Miles	
4	R	San Gabriel River Reach 1 (Estuary to Firestone)	40515010	Abnormal Fish Histology	Nonpoint/Point Source	Medium	6.4 Miles	
				Algae	Nonpoint/Point Source	High	6.4 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	6.4 Miles	2003
4	R	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	40515010	Copper, Dissolved	Nonpoint Source	Low	12 Miles	
				High Coliform Count	Nonpoint/Point Source	High	12 Miles	2003
				Lead	Nonpoint/Point Source	Medium	12 Miles	
				Zinc, Dissolved	Nonpoint Source	Low	12 Miles	
4	R	San Jose Creek Reach 1 (SG Confluence to Temple St.)	40531000	Algae	Nonpoint/Point Source	Low	2.7 Miles	
				High Coliform Count	Nonpoint/Point Source	Low	2.7 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	40531000	Algae		High	17 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	17 Miles	2003
					Nonpoint/Point Source			
4	B	San Pedro Bay Near/Off Shore Zones	40512000	Chromium (sediment)	Nonpoint/Point Source	Low	5758 Acres	
				Copper (sediment)	Nonpoint/Point Source	Low	5758 Acres	
				DDT (tissue & sediment)	Nonpoint/Point Source	Medium	5758 Acres	
				<i>Fish Consumption Advisory for DDT.</i>				
				PAHs (sediment)	Nonpoint/Point Source	Medium	5758 Acres	
				PCBs	Nonpoint/Point Source	Medium	5758 Acres	
				<i>Fish consumption advisory for PCBs.</i>				
				Sediment Toxicity	Nonpoint/Point Source	Medium	5758 Acres	
				Zinc (sediment)	Nonpoint/Point Source	Low	5758 Acres	
					Nonpoint/Point Source			
4	E	Santa Clara River Estuary	40311000	ChemA	Source Unknown	Medium	49 Acres	
				High Coliform Count	Nonpoint Source	Medium	49 Acres	
				Toxaphene	Nonpoint Source	Medium	49 Acres	
					Nonpoint Source			
4	R	Santa Clara River Reach 3 (Freeman Diversion to A Street)	40321000	Ammonia	Nonpoint/Point Source	High	31 Miles	2003
				Chloride	Nonpoint/Point Source	High	31 Miles	2002
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		Low	31 Miles	
					Nonpoint/Point Source			
4	R	Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)	40351000	Chloride		High	9.4 Miles	2002
				<i>Chloride was relisted by USEPA.</i>				
					Nonpoint/Point Source			
				High Coliform Count		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
				<i>Chloride was relisted by USEPA.</i>				
					Nonpoint/Point Source			
				High Coliform Count		Medium	5.2 Miles	
					Nonpoint/Point Source			
4	R	Santa Clara River Reach 9 (Bouquet Canyon Rd to above Lang Gaging Station)	40351000	High Coliform Count		Medium	21 Miles	
					Nonpoint/Point Source			
4	L	Santa Fe Dam Park Lake	40531000	Copper		Medium	20 Acres	
					Nonpoint Source			
				Lead		Medium	20 Acres	
					Nonpoint Source			
				pH		Medium	20 Acres	
					Nonpoint Source			
4	B	Santa Monica Bay Offshore/Nearshore	40513000	Chlordane (sediment)		Medium	146645 Acres	
					Nonpoint/Point Source			
				DDT (tissue & sediment)		Low	146645 Acres	
				<i>Centered on Palos Verdes Shelf.</i>				
					Nonpoint/Point Source			
				Debris		Low	146645 Acres	
					Nonpoint/Point Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Fish Consumption Advisory		Low	146645 Acres	
				PAHs (sediment)	Nonpoint/Point Source	Low	146645 Acres	
				PCBs (tissue & sediment)	Nonpoint/Point Source	Low	146645 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Low	146645 Acres	
4	C	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		High	2.7 Miles	2002
				Lead	Nonpoint Source	Medium	2.7 Miles	
4	C	Sea Level Beach	40441000	Beach Closures		High	0.21 Miles	2002
				DDT	Nonpoint Source	Low	0.21 Miles	
				<i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Low	0.21 Miles	
				PCBs	Nonpoint Source	Low	0.21 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Low	0.21 Miles	
4	R	Sepulveda Canyon	405.13	Ammonia		Low	0.83 Miles	
				High Coliform Count	Nonpoint Source	High	0.83 Miles	2002
				Lead	Nonpoint Source	Medium	0.83 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Sespe Creek (tributary to Santa Clara River Reach 3)	40332020	Chloride		Low	63 Miles	
				pH	Nonpoint Source	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	
				<i>Area affected is the end of the access path via a wooden gate.</i>				
					Nonpoint/Point Source			
4	C	Topanga Beach	40413000	Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				DDT		Low	2.5 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				High Coliform Count		High	2.5 Miles	2002
					Nonpoint Source			
				PCBs		Low	2.5 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					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	2003
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead		Medium	3.4 Miles	
					Nonpoint Source			
4	R	Torrey Canyon Creek	40341000	Nitrate and Nitrite		High	1.7 Miles	2003
					Nonpoint Source			
4	C	Trancas Beach (Broad Beach)	40437000	Beach Closures		High	1.7 Miles	2002
				DDT	Nonpoint Source	Low	1.7 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				High Coliform Count	Nonpoint Source	High	1.7 Miles	2002
				PCBs	Nonpoint Source	Low	1.7 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	R	Triunfo Canyon Creek Reach 1	40424000	Lead		High	2.5 Miles	2004
					Nonpoint Source			
				Mercury		High	2.5 Miles	2004
					Nonpoint Source			
				Sedimentation/Siltation		Low	2.5 Miles	
					Source Unknown			
4	R	Triunfo Canyon Creek Reach 2	40424000	Lead		High	3.3 Miles	2004
					Nonpoint Source			
				Mercury		High	3.3 Miles	2004
					Nonpoint Source			
				Sedimentation/Siltation		Low	3.3 Miles	
					Source Unknown			
4	R	Tujunga Wash (LA River to Hansen Dam)	40521000	Ammonia		High	9.7 Miles	2002
					Nonpoint Source			
				Copper		High	9.7 Miles	2003
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	9.7 Miles	2002
				Odors	Nonpoint Source	High	9.7 Miles	2002
				Scum/Foam-unnatural	Nonpoint Source	High	9.7 Miles	2002
				Trash	Nonpoint Source	Low	9.7 Miles	
4	C	Venice Beach	40513000	Beach Closures		High	2.5 Miles	2002
				High Coliform Count	Nonpoint Source	High	2.5 Miles	2002
4	B	Ventura Harbor: Ventura Keys	40311000	High Coliform Count		Medium	179 Acres	
					Nonpoint Source			
4	R	Ventura River Estuary	40210011	Algae		Medium	0.2 Miles	
					Nonpoint/Point Source			
				Eutrophic		Medium	0.2 Miles	
					Nonpoint/Point Source			
				Fecal Coliform		Low	0.2 Miles	
				<i>Stables and horse property may be the sources.</i>				
					Nonpoint Source			
				Total Coliform		Low	0.2 Miles	
				<i>Stables and horse property may be the sources.</i>				
					Nonpoint Source			
				Trash		Medium	0.2 Miles	
					Nonpoint/Point 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			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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	
					Nonpoint Source			
				Water Diversion		Medium	19 Miles	
					Nonpoint Source			
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	Verdugo Wash Reach 2 (Above Verdugo Road)	40524000					
				Algae		High	7.6 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	7.6 Miles	2002
					Nonpoint Source			
				Trash		Low	7.6 Miles	
					Nonpoint Source			
4	R	Walnut Creek Wash (Drains from Puddingstone Res)	40531000					
				pH		High	12 Miles	2003
					Nonpoint/Point Source			
				Toxicity		High	12 Miles	2003
					Nonpoint/Point Source			
4	L	Westlake Lake	40425000					
				Algae		High	119 Acres	2003
					Nonpoint Source			
				Ammonia		High	119 Acres	2002
					Nonpoint Source			
				Eutrophic		High	119 Acres	2002
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead		High	119 Acres	2004
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		High	119 Acres	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	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				PCBs		Low	1.1 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	C	Will Rogers Beach	40513000					
				Beach Closures		High	3 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	3 Miles	2002
					Nonpoint Source			
4	R	Wilmington Drain	40342000					
				Ammonia		Medium	0.56 Miles	
					Nonpoint Source			
				Copper		Medium	0.56 Miles	
					Nonpoint Source			
				High Coliform Count		High	0.56 Miles	2003
					Nonpoint Source			
				Lead		Medium	0.56 Miles	
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	Zuma Beach (Westward Beach)	40436000	Beach Closures		High	1.6 Miles	2002
				DDT	Nonpoint Source	Low	1.6 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				PCBs	Nonpoint Source	Low	1.6 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
5	R	American River, Lower (Nimbus Dam to confluence with Sacramento River)	51921000	Mercury		Low	27 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Unknown Toxicity		Low	27 Miles	
					Source Unknown			
5	R	Arcade Creek	51921000	Chlorpyrifos		High	9.9 Miles	2003
				Copper	Urban Runoff/Storm Sewers	Low	9.9 Miles	
				Diazinon	Urban Runoff/Storm Sewers	High	9.9 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
					Agriculture			
					Urban Runoff/Storm Sewers			
5	R	Avena Drain	53140000	Ammonia		Low	6.4 Miles	
					Agriculture			
					Dairies			
				Pathogens		Low	6.4 Miles	
					Agriculture			
					Dairies			
5	R	Bear Creek	51320023	Mercury		Medium	15 Miles	
					Resource Extraction			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Bear River, Lower (below Camp Far West Reservoir)	51510000	Diazinon	Agriculture	Medium	21 Miles	
5	R	Bear River, Upper	51633010	Mercury	Resource Extraction	Medium	10 Miles	
5	L	Berryessa, Lake	51221010	Mercury	Resource Extraction	Low	19083 Acres	
5	L	Black Butte Reservoir	50432000	Mercury	Resource Extraction	Medium	4507 Acres	
5	R	Butte Slough	52030000	Diazinon	Crop-Related Sources	Medium	8.9 Miles	
5	R	Cache Creek, Lower (Clear Lake Dam to Cache Creek Settling Basin near Yolo Bypass)	51120000	Mercury	Resource Extraction	Medium	96 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Unknown Toxicity	Source Unknown	Low	96 Miles	
5	R	Calaveras River, Lower	54400000	Diazinon	Urban Runoff/Storm Sewers	Low	5.8 Miles	
				Organic Enrichment/Low Dissolved Oxygen	Urban Runoff/Storm Sewers	Low	5.8 Miles	
				Pathogens	Urban Runoff/Storm Sewers	Low	5.8 Miles	
					Recreational and Tourism Activities (non-boating)			
5	L	Camanche Reservoir	53120000	Copper	Resource Extraction	Low	7389 Acres	
				Zinc	Resource Extraction	Low	7389 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Camp Far West Reservoir	51631013	Mercury	Resource Extraction	Medium	1945 Acres	
5	R	Chicken Ranch Slough	51921000	Chlorpyrifos	Urban Runoff/Storm Sewers	High	8 Miles	2003
				Diazinon	Agriculture Urban Runoff/Storm Sewers	High	8 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
5	L	Clear Lake	51352000	Mercury	Resource Extraction	High	40070 Acres	2002
				Nutrients	Source Unknown	Medium	40070 Acres	
5	R	Clover Creek	50732000	Fecal Coliform	Agriculture-grazing Other	Low	11 Miles	
5	R	Colusa Basin Drain	52010000	Azinphos-methyl	Agriculture	Medium	49 Miles	
				Carbofuran/Furadan	Agriculture	Low	49 Miles	
				Diazinon	Agriculture	Medium	49 Miles	
				Group A Pesticides	Agriculture	Low	49 Miles	
				Malathion	Agriculture	Low	49 Miles	
				Methyl Parathion	Agriculture	Low	49 Miles	
				Molinate/Odram	Agriculture-irrigation tailwater	Low	49 Miles	
				Unknown Toxicity	Agriculture	Low	49 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Combie, Lake	51633011	Mercury <i>All resource extraction sources are abandoned mines.</i>		Medium	362 Acres	
					Resource Extraction			
5	L	Davis Creek Reservoir	51332010	Mercury		Low	163 Acres	
					Resource Extraction			
5	R	Deer Creek (Yuba County)	51712014	pH		Low	4.3 Miles	
					Internal Nutrient Cycling (primarily lakes)			
5	R	Del Puerto Creek	54110000	Chlorpyrifos		Low	6.5 Miles	
					Agriculture			
				Diazinon		Low	6.5 Miles	
					Agriculture			
5	E	Delta Waterways (eastern portion)	51000000	Chlorpyrifos		High	20135 Acres	2004
					Agriculture			
					Urban Runoff/Storm Sewers			
				DDT		Low	20135 Acres	
					Agriculture			
				Diazinon		High	20135 Acres	2004
					Agriculture			
					Urban Runoff/Storm Sewers			
				Group A Pesticides		Low	20135 Acres	
					Agriculture			
				Mercury		Medium	20135 Acres	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Unknown Toxicity		Low	20135 Acres	
					Source Unknown			
5	E	Delta Waterways (Stockton Ship Channel)	54400000	Chlorpyrifos		High	952 Acres	2004
					Agriculture			
					Urban Runoff/Storm Sewers			
				DDT		Low	952 Acres	
					Agriculture			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Diazinon		High	952 Acres	2004
					Agriculture Urban Runoff/Storm Sewers			
				Group A Pesticides		Low	952 Acres	
					Agriculture			
				Mercury		Medium	952 Acres	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Organic Enrichment/Low Dissolved Oxygen		High	952 Acres	2004
					Municipal Point Sources Urban Runoff/Storm Sewers			
				Unknown Toxicity		Low	952 Acres	
					Source Unknown			
5	E	Delta Waterways (western portion)	51000000					
				Chlorpyrifos		High	22904 Acres	2004
					Agriculture Urban Runoff/Storm Sewers			
				DDT		Low	22904 Acres	
					Agriculture			
				Diazinon		High	22904 Acres	2004
					Agriculture Urban Runoff/Storm Sewers			
				Electrical Conductivity		Medium	22904 Acres	
					Agriculture			
				Group A Pesticides		Low	22904 Acres	
					Agriculture			
				Mercury		Medium	22904 Acres	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Unknown Toxicity		Low	22904 Acres	
					Source Unknown			
5	R	Dolly Creek	51854030					
				Copper		Low	1.5 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Zinc		Low	1.5 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Don Pedro Lake	53632010	Mercury	Resource Extraction	Low	11056 Acres	
5	R	Dunn Creek (Mt Diablo Mine to Marsh Creek)	54300021	Mercury	Resource Extraction	Low	0.7 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Metals	Resource Extraction	Low	0.7 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
5	R	Elder Creek	51911000	Chlorpyrifos	Urban Runoff/Storm Sewers	High	11 Miles	2003
				Diazinon	Agriculture	High	11 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
5	R	Elk Grove Creek	51911000	Diazinon	Urban Runoff/Storm Sewers	High	6.9 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
5	L	Englebright Lake	51714013	Mercury	Resource Extraction	Medium	754 Acres	
				<i>All resource extraction sources are abandoned mines.</i>				
5	R	Fall River (Pit)	52641031	Sedimentation/Siltation	Agriculture-grazing Silviculture Highway/Road/Bridge Construction	Low	8.6 Miles	
5	R	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	51922000	Diazinon	Agriculture Urban Runoff/Storm Sewers	High	42 Miles	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Group A Pesticides		Low	42 Miles	
				Mercury	Agriculture	Medium	42 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Unknown Toxicity	Resource Extraction	Low	42 Miles	
					Source Unknown			
5	R	Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	54400000					
				Chlorpyrifos		Medium	1.6 Miles	
					Urban Runoff/Storm Sewers			
				Diazinon		Medium	1.6 Miles	
				<i>The agricultural source of diazinon for this waterbody is from aerial deposition.</i>				
					Agriculture			
					Urban Runoff/Storm Sewers			
				Organic Enrichment/Low Dissolved Oxygen		Low	1.6 Miles	
					Urban Runoff/Storm Sewers			
				Pathogens		Low	1.6 Miles	
					Other Urban Runoff			
					Recreational and Tourism Activities (non-boating)			
5	R	French Ravine	51632011					
				Bacteria		Low	1.7 Miles	
					Land Disposal			
5	W	Grasslands Marshes	54120000					
				Electrical Conductivity		Low	7962 Acres	
					Agriculture			
5	R	Harding Drain (Turlock Irrigation District Lateral #5)	53550000					
				Ammonia		Low	8.3 Miles	
					Municipal Point Sources			
					Agriculture			
				Chlorpyrifos		Low	8.3 Miles	
					Agriculture			
				Diazinon		Low	8.3 Miles	
					Agriculture			
				Unknown Toxicity		Low	8.3 Miles	
					Agriculture			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Harley Gulch	51332022	Mercury		Medium	6 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
5	R	Horse Creek (Rising Star Mine to Shasta Lake)	50610000	Cadmium		Low	0.52 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Copper		Low	0.52 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Lead		Low	0.52 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Zinc		Low	0.52 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
5	R	Humbug Creek	51732030	Copper		Low	2.2 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Mercury		Low	2.2 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Sedimentation/Siltation		Low	2.2 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Zinc		Low	2.2 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
5	R	Ingram/Hospital Creek	54110000	Chlorpyrifos		Low	1 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
					Agricultural Return Flows	Low	1 Miles	
				Diazinon		Low	1 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
					Agricultural Return Flows			
5	R	Jack Slough	51540000	Diazinon		Medium	14 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
					Agriculture			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	James Creek	51224010	Mercury		Low	6.3 Miles	
					<i>Resource extraction sources are abandoned mines.</i>			
					Resource Extraction			
5	R	Kanaka Creek	51742022	Nickel		Low	6.3 Miles	
					<i>Resource extraction sources are abandoned mines.</i>			
					Resource Extraction			
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013	Arsenic		Low	9.7 Miles	
					<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction			
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013	Cadmium		Low	135 Acres	
					Resource Extraction			
				Copper		Low	135 Acres	
5	R	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	55190000					
					Resource Extraction			
				Zinc		Low	135 Acres	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
				Electrical Conductivity		Low	36 Miles	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
				Molybdenum		Low	36 Miles	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
				Toxaphene		Low	36 Miles	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
				Cadmium		Low	0.95 Miles	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
				Acid Mine Drainage		Low	0.95 Miles	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
				Cadmium		Low	0.95 Miles	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
				Copper		Low	0.95 Miles	
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
					<i>All resource extraction sources are abandoned mines.</i>			
5	R	Little Backbone Creek, Lower	50620010					
					Resource Extraction			
					<i>All resource extraction sources are abandoned mines.</i>			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc		Low	0.95 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
5	R	Little Cow Creek (downstream from Afterthought Mine)	50733023					
				Cadmium		Low	1.1 Miles	
				<i>Resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Copper		Low	1.1 Miles	
				<i>Resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
				Zinc		Low	1.1 Miles	
				<i>Resource extraction sources are abandoned mines.</i>				
				Resource Extraction				
5	R	Little Deer Creek	51720012					
				Mercury		Low	4.1 Miles	
				Resource Extraction				
5	R	Little Grizzly Creek	51854031					
				Copper		Medium	9.4 Miles	
					Mine Tailings			
				Zinc		Medium	9.4 Miles	
					Mine Tailings			
5	R	Lone Tree Creek	53140000					
				Ammonia		Low	15 Miles	
					Dairies			
				Biological Oxygen Demand		Low	15 Miles	
					Dairies			
				Electrical Conductivity		Low	15 Miles	
					Dairies			
5	R	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	54300023					
				Metals		Low	11 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Resource Extraction				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000	Mercury		Low	10 Miles	
				<i>All resource extraction sources are abandoned mines.</i>	Resource Extraction			
				Metals		Low	10 Miles	
				<i>All resource extraction sources are abandoned mines.</i>	Resource Extraction			
5	L	Marsh Creek Reservoir	54300023	Mercury		Low	278 Acres	
					Resource Extraction			
5	W	Mendota Pool	55120000	Selenium		Low	3045 Acres	
					Agriculture Agricultural Return Flows Groundwater Withdrawal Other			
5	R	Merced River, Lower (McSwain Reservoir to San Joaquin River)	53550000	Chlorpyrifos		Medium	50 Miles	
					Agriculture			
				Diazinon		Medium	50 Miles	
					Agriculture			
				Group A Pesticides		Low	50 Miles	
					Agriculture			
5	R	Middle River	54400000	Low Dissolved Oxygen		Low	9.7 Miles	
					Hydromodification Source Unknown			
5	R	Mokelumne River, Lower	54400000	Copper		Low	29 Miles	
					Resource Extraction			
				Zinc		Low	29 Miles	
					Resource Extraction			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Mormon Slough (Commerce Street to Stockton Deep Water Channel)	54400000	Organic Enrichment/Low Dissolved Oxygen	Urban Runoff/Storm Sewers	Low	0.93 Miles	
				Pathogens	Urban Runoff/Storm Sewers	Medium	0.93 Miles	
					Recreational and Tourism Activities (non-boating)			
5	R	Mormon Slough (Stockton Diverting Canal to Commerce Street)	53130000	Pathogens	Urban Runoff/Storm Sewers	Medium	5.2 Miles	
					Recreational and Tourism Activities (non-boating)			
5	R	Morrison Creek	51911000	Diazinon	Agriculture	High	21 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
					Urban Runoff/Storm Sewers			
5	R	Mosher Slough (downstream of I-5)	54400000	Chlorpyrifos	Urban Runoff/Storm Sewers	Medium	1.3 Miles	
				Diazinon	Agriculture	Medium	1.3 Miles	
				<i>The agricultural source of diazinon for this waterbody is from aerial deposition.</i>				
					Urban Runoff/Storm Sewers			
				Organic Enrichment/Low Dissolved Oxygen	Urban Runoff/Storm Sewers	Low	1.3 Miles	
				Pathogens	Urban Runoff/Storm Sewers	Low	1.3 Miles	
					Urban Runoff/Storm Sewers			
5	R	Mosher Slough (upstream of I-5)	54400000	Pathogens	Urban Runoff/Storm Sewers	Low	3.5 Miles	
					Urban Runoff/Storm Sewers			
5	R	Mud Slough	54120000	Boron	Agriculture	Low	13 Miles	
				Electrical Conductivity	Agriculture	Low	13 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		Low	13 Miles	
				Selenium	Agriculture	Medium	13 Miles	
				Unknown Toxicity	Agriculture	Low	13 Miles	
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	51921000	Diazinon	<i>The agricultural source is from aerial deposition.</i> Agriculture	Medium	3.5 Miles	
				PCBs	Urban Runoff/Storm Sewers Industrial Point Sources Agriculture Urban Runoff/Storm Sewers	Low	3.5 Miles	
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	51921000	PCBs	Industrial Point Sources Agriculture Urban Runoff/Storm Sewers	Low	12 Miles	
5	R	Newman Wasteway	54120000	Chlorpyrifos	Agriculture	Low	8.3 Miles	
				Diazinon	Agriculture	Low	8.3 Miles	
5	R	Oak Run Creek	50733000	Fecal Coliform	Combined Sewer Overflow Agriculture Grazing-Related Sources Pasture Grazing-Upland Natural Sources	Low	5.6 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Old River (San Joaquin River to Delta-Mendota Canal)	54400000	Low Dissolved Oxygen	Hydromodification Source Unknown	Low	15 Miles	
5	R	Orestimba Creek (above Kilburn Road)	54110000	Azinphos-methyl	Agriculture	Medium	9.1 Miles	
				Chlorpyrifos	Agriculture	Medium	9.1 Miles	
				DDE <i>Historical agricultural use.</i>	Agriculture	Low	9.1 Miles	
				Diazinon	Agriculture	Medium	9.1 Miles	
5	R	Orestimba Creek (below Kilburn Road)	54110000	Azinphos-methyl	Agriculture	Medium	2.7 Miles	
				Chlorpyrifos	Agriculture	Medium	2.7 Miles	
				DDE <i>Historical agricultural use.</i>	Agriculture	Low	2.7 Miles	
				Diazinon	Agriculture	Medium	2.7 Miles	
				Unknown Toxicity	Agriculture	Low	2.7 Miles	
5	R	Panoche Creek (Silver Creek to Belmont Avenue)	55112000	Mercury <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	18 Miles	
				Sedimentation/Siltation	Agriculture Agriculture-grazing Highway/Road/Bridge Construction	Low	18 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		Low	18 Miles	
					Agriculture Agriculture-grazing Highway/Road/Bridge Construction			
5	R	Pit River	52661080	Nutrients		Low	123 Miles	
					Agriculture Agriculture-grazing			
				Organic Enrichment/Low Dissolved Oxygen		Low	123 Miles	
					Agriculture Agriculture-grazing			
				Temperature		Low	123 Miles	
					Agriculture Agriculture-grazing			
5	R	Putah Creek, Lower	51120000	Mercury		Low	28 Miles	
				<i>Impairment due to Mercury is on lower reach below Lake Solano.</i>				
					Resource Extraction Source Unknown			
5	L	Rollins Reservoir	51634033	Mercury		Medium	774 Acres	
					Resource Extraction			
5	R	Sacramento River (Keswick Dam to Cottonwood Creek)	52440014	Unknown Toxicity		Low	15 Miles	
					Source Unknown			
5	R	Sacramento River (Cottonwood Creek to Red Bluff)	50810000	Unknown Toxicity		Low	16 Miles	
					Source Unknown			
5	R	Sacramento River (Red Bluff to Knights Landing)	50420070	Unknown Toxicity		Low	82 Miles	
					Source Unknown			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION		
5	R	Sacramento River (Knights Landing to the Delta)	51000000	Diazinon	Agriculture	High	16 Miles	2003		
				Mercury		Medium	16 Miles			
				<i>All resource extraction sources are abandoned mines.</i>				Resource Extraction		
				Unknown Toxicity	Low	16 Miles		Source Unknown		
5	R	Sacramento Slough	51922000	Diazinon	Agriculture Urban Runoff/Storm Sewers	Medium	1.7 Miles			
				Mercury		Low	1.7 Miles			
								Source Unknown		
5	R	Salt Slough (upstream from confluence with San Joaquin River)	54120000	Boron	Agriculture	Low	17 Miles			
				Chlorpyrifos		Low	17 Miles			
				Diazinon	Agriculture	Low	17 Miles			
				Electrical Conductivity	Agriculture	Low	17 Miles			
				Unknown Toxicity	Agriculture	Low	17 Miles			
								Agriculture		
5	R	San Carlos Creek (downstream of New Idria Mine)	55911085	Mercury	Resource Extraction Acid Mine Drainage	Low	5.1 Miles			
				<i>All resource extraction sources are abandoned mines.</i>						
5	R	San Joaquin River (Bear Creek to Mud Slough)	53570000	Boron	Agriculture	High	14 Miles	2003		

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Chlorpyrifos		High	14 Miles	2004
				DDT	Agriculture	Low	14 Miles	
				Diazinon	Agriculture	High	14 Miles	2004
				Electrical Conductivity	Agriculture	High	14 Miles	2003
				Group A Pesticides	Agriculture	Low	14 Miles	
				Mercury	Agriculture	Medium	14 Miles	
				Unknown Toxicity	Resource Extraction	Low	14 Miles	
					Source Unknown			
5	R	San Joaquin River (Mendota Pool to Bear Creek)	53570000					
				Boron		High	67 Miles	2003
				Chlorpyrifos	Agriculture	High	67 Miles	2004
				DDT	Agriculture	Low	67 Miles	
				Diazinon	Agriculture	High	67 Miles	2004
				Electrical Conductivity	Agriculture	High	67 Miles	2003
				Group A Pesticides	Agriculture	Low	67 Miles	
				Unknown Toxicity	Agriculture	Low	67 Miles	
					Source Unknown			
5	R	San Joaquin River (Merced River to South Delta Boundary)	54400000					
				Boron		High	43 Miles	2003
				Chlorpyrifos	Agriculture	High	43 Miles	2004
					Agriculture			

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

*Approved by SWRCB:
February 4, 2003*

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	2004
				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	
					Source Unknown			
5	R	San Joaquin River (Mud Slough to Merced River)	53570000					
				Boron		High	3 Miles	2003
				Chlorpyrifos	Agriculture	High	3 Miles	2004
				DDT	Agriculture	Low	3 Miles	
				Diazinon	Agriculture	High	3 Miles	2004
				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	
					Resource Extraction			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Shasta Lake (area where West Squaw Creek enters)	50620010	Cadmium	Resource Extraction	Low	20 Acres	
				Copper	Resource Extraction	Low	20 Acres	
				Zinc	Resource Extraction	Low	20 Acres	
5	R	Smith Canal	54400000	Organic Enrichment/Low Dissolved Oxygen	Urban Runoff/Storm Sewers	Low	2.4 Miles	
				Organophosphorus Pesticides	Urban Runoff/Storm Sewers	Medium	2.4 Miles	
				Pathogens	Urban Runoff/Storm Sewers	Low	2.4 Miles	
					Recreational and Tourism Activities (non-boating)			
5	R	South Cow Creek	50731000	Fecal Coliform	Agriculture Grazing-Related Sources Other	Low	7.9 Miles	
5	R	Spring Creek, Lower (Iron Mountain Mine to Keswick Reservoir)	52440010	Acid Mine Drainage	Resource Extraction	Low	2.6 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Cadmium	Resource Extraction	Low	2.6 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Copper	Resource Extraction	Low	2.6 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Zinc	Resource Extraction	Low	2.6 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
5	R	Stanislaus River, Lower	53530000	Diazinon	Agriculture	Medium	59 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Group A Pesticides		Low	59 Miles	
				Mercury	Agriculture	Low	59 Miles	
				Unknown Toxicity	Resource Extraction	Low	59 Miles	
					Source Unknown			
5	R	Stockton Deep Water Channel, Upper (Port Turning Basin)	54400000	Dioxin		Low	3.3 Miles	
				<i>This listing was made by USEPA.</i>				
				Furan Compounds	Point Source	Low	3.3 Miles	
				Pathogens	Contaminated Sediments	Medium	3.3 Miles	
					Urban Runoff/Storm Sewers			
					Recreational and Tourism Activities (non-boating)			
				PCBs		Low	3.3 Miles	
				<i>This listing was made by USEPA.</i>				
					Point Source			
5	R	Strong Ranch Slough	51921000	Chlorpyrifos		High	6.4 Miles	2003
				Diazinon	Urban Runoff/Storm Sewers	High	6.4 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
					Agriculture			
					Urban Runoff/Storm Sewers			
5	R	Sulphur Creek (Colusa County)	51320024	Mercury		Medium	14 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
5	R	Sutter Bypass	52030000	Diazinon		Medium	19 Miles	
					Agriculture			
5	R	Temple Creek	53140000	Ammonia		Low	10 Miles	
					Dairies			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Electrical Conductivity		Low	10 Miles	
					Dairies			
5	R	Town Creek	50620010	Cadmium		Low	0.98 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Copper		Low	0.98 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Lead		Low	0.98 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Zinc		Low	0.98 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
5	R	Tuolumne River, Lower (Don Pedro Reservoir to San Joaquin River)	53550000	Diazinon		Medium	60 Miles	
					Agriculture			
				Group A Pesticides		Low	60 Miles	
					Agriculture			
				Unknown Toxicity		Low	60 Miles	
					Source Unknown			
5	R	Walker Slough	53140000	Pathogens		Medium	2.3 Miles	
					Urban Runoff/Storm Sewers			
					Recreational and Tourism Activities (non-boating)			
5	R	West Squaw Creek (below Balaklala Mine)	50620010	Cadmium		Low	2 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Copper		Low	2 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Lead		Low	2 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc <i>All resource extraction sources are abandoned mines.</i>		Low	2 Miles	
					Resource Extraction			
5	L	Whiskeytown Reservoir (areas near Oak Bottom, Brandy Creek Campgrounds and Whiskeytown)	52463010					
				High Coliform Count		Low	98 Acres	
					Septage Disposal			
5	R	Willow Creek (Shasta County, below Greenhorn Mine to Clear Creek)	52463010					
				Acid Mine Drainage <i>All resource extraction sources are abandoned mines.</i>		Low	4 Miles	
					Resource Extraction			
				Copper <i>All resource extraction sources are abandoned mines.</i>		Low	4 Miles	
					Resource Extraction			
				Zinc <i>All resource extraction sources are abandoned mines.</i>		Low	4 Miles	
					Resource Extraction			
5	R	Wolf Creek	51632010					
				Fecal Coliform		Low	23 Miles	
					Agriculture Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)			
6	R	Aspen Creek	63210080					
				Metals <i>Affected by acid mine drainage from Leviathan Mine. TMDL to be coordinated with regional Board /CERCLA remediation programs.</i>		Low	0.93 Miles	
					Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint Source			
6	R	Aurora Canyon Creek	63030040					
				Habitat alterations <i>Since creek is not impaired by pollutants, a TMDL may not be required under pending revisions to federal regulations.</i>		Low	8.1 Miles	
					Range Grazing-Riparian and/or Upland			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Bear Creek (Placer County)	63520010	Sedimentation/Siltation <i>Creek affected by hydrologic modification for ski resort/snow making pond.</i>	Hydromodification Nonpoint Source	Medium	3 Miles	
6	R	Big Meadow Creek	63410011	Pathogens	Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boating)	Low	1.4 Miles	
6	R	Blackwood Creek	63420021	Iron	Erosion/Siltation Natural Sources Nonpoint Source	Low	5.9 Miles	
				Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Blackwood Creek.</i>	Silviculture Resource Extraction Hydromodification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources Nonpoint Source	Low	5.9 Miles	
				Phosphorus <i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL for creek may be needed.</i>	Grazing-Related Sources Silviculture Resource Extraction Hydromodification Streambank Modification/Destabilization Erosion/Siltation Natural Sources Nonpoint Source	Low	5.9 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	5.9 Miles	
				<i>Creek affected by past gravel quarry operations and other watershed disturbance including grazing and timber harvest.</i>				
					Range Grazing-Riparian and/or Upland			
					Silviculture			
					Construction/Land Development			
					Surface Runoff			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
					Nonpoint Source			
6	R	Bodie Creek	63020031	Metals		Medium	11 Miles	
				<i>Affected by drainage from inactive mines, mine tailings in creek.</i>				
					Resource Extraction			
					Mine Tailings			
					Inactive Mining			
					Nonpoint Source			
6	L	Bridgeport Reservoir	63030050	Nitrogen		Medium	2614 Acres	
					Grazing-Related Sources			
					Pasture Grazing-Riparian and/or Upland			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Wastewater - land disposal			
					Flow Regulation/Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Channel Erosion			
					Erosion/Siltation			
					Marinas and Recreational Boating			
					Atmospheric Deposition			
					Internal Nutrient Cycling (primarily lakes)			
					Sediment Resuspension			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Wastewater - land disposal Flow Regulation/Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Natural Sources Recreational and Tourism Activities (non-boating)	Medium	2614 Acres	
				Sedimentation/Siltation	Grazing-Related Sources Streambank Modification/Destabilization Erosion/Siltation Sediment Resuspension	Medium	2614 Acres	
6	R	Bronco Creek	63520053	Sedimentation/Siltation <i>Watershed disturbance in naturally highly erosive watershed.</i>	Silviculture Natural Sources Nonpoint Source	Medium	1.3 Miles	
6	R	Bryant Creek	63210080	Metals <i>Affected by acid mine drainage from Leviathan Mine. Problem being addressed through RWQCB and CERCLA remediation programs.</i>	Mine Tailings Acid Mine Drainage Inactive Mining Nonpoint Source	Low	5.2 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Buckeye Creek	63040022	Pathogens	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boating)	Low	17 Miles	
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014	Nitrogen	Silviculture Onsite Wastewater Systems (Septic Tanks) Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	18 Miles	
				Phosphorus	<i>Revision of standard may be considered.</i> Silviculture Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	18 Miles	
				Sodium	Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	18 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Carson River, West Fork (Paynesville to State Line)	63310013	Pathogens	Pasture Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-irrigation tailwater	Low	3.3 Miles	
6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012	Nitrogen <i>Revision of standards may be considered.</i>	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-subsurface drainage Agriculture-irrigation tailwater Silviculture Wastewater - land disposal Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
				Pathogens	Pasture Grazing-Riparian and/or Upland Agricultural Return Flows Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
				Sodium	Agriculture-storm runoff Agriculture-irrigation tailwater Agriculture-grazing Wastewater - land disposal Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	W	Cinder Cone Springs	63520010	Nutrients <i>Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978). Further monitoring may support delisting.</i>		Medium	1 Acres	
					Wastewater - land disposal			
				Salinity/TDS/Chlorides <i>Subsurface drainage from former wastewater disposal area. Has not been monitored routinely in recent years; further monitoring may support delisting.</i>		Medium	1 Acres	
					Wastewater - land disposal			
6	R	Clark Canyon Creek	63030041	Habitat alterations <i>Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes in federal regulations.</i>		Low	5 Miles	
					Range Grazing-Riparian and/or Upland			
6	R	Clearwater Creek	63040051	Sedimentation/Siltation <i>Listed on basis of limited information; additional monitoring may support delisting.</i>		Medium	12 Miles	
					Range Grazing-Riparian and/or Upland			
					Construction/Land Development			
					Highway Maintenance and Runoff			
6	R	Cottonwood Creek (below LADWP diversion)	60330000	Flow alterations <i>Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes to federal regulations.</i>		Low	1.8 Miles	
					Water Diversions			
6	L	Crowley Lake	60310090	Nitrogen <i>TMDL expected to use data from ongoing Section 319-funded study of nutrient loading and salary-savings funded study of internal nutrient cycling.</i>		Medium	4861 Acres	
					Grazing-Related Sources			
					Atmospheric Deposition			
					Internal Nutrient Cycling (primarily lakes)			
					Natural Sources			
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		Medium	4861 Acres	
				<i>TMDL expected to use data from ongoing Section 319 -funded study of nutrient loading and salary-savings funded study of internal nutrient cycling.</i>				
					Grazing-Related Sources			
					Erosion/Siltation			
					Internal Nutrient Cycling (primarily lakes)			
					Natural Sources			
					Nonpoint Source			
6	L	Donner Lake	63520021	Priority Organics		Low	819 Acres	
				<i>PCBs in fish and sediment exceed Maximum Tissue Residue Level criteria; unknown nonpoint sources. Additional monitoring/study necessary to determine sources/cleanup potential for priority organics. TMDLs for organics to be addressed during years 6-13 of 13 years of the TMDL development process, resources permitting.</i>				
					Source Unknown			
6	L	Eagle Lake (Lassen County)	63732000	Nitrogen		Low	20704 Acres	
					Agriculture			
					Grazing-Related Sources			
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Wastewater			
					Onsite Wastewater Systems (Septic Tanks)			
					Marinas and Recreational Boating			
					Atmospheric Deposition			
					Internal Nutrient Cycling (primarily lakes)			
					Sediment Resuspension			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
					Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		Low	20704 Acres	
					Grazing-Related Sources Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Wastewater Onsite Wastewater Systems (Septic Tanks) Marinas and Recreational Boating Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source			
6	R	East Walker River, above Bridgeport Reservoir	63030050					
				Pathogens		Low	7.2 Miles	
					Pasture Grazing-Riparian and/or Upland Other Urban Runoff Natural Sources Recreational and Tourism Activities (non-boating)			
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/or Upland Highway/Road/Bridge Runoff Upstream Impoundment Flow Regulation/Modification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Other Urban Runoff Highway/Road/Bridge Runoff Upstream Impoundment Flow Regulation/Modification Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources	Low	8 Miles	
				Sedimentation/Siltation	Grazing-Related Sources Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Upstream Impoundment Erosion/Siltation	Low	8 Miles	
6	R	General Creek	63420030	Iron	Silviculture Natural Sources	Low	9.1 Miles	
				Phosphorus	Erosion/Siltation Atmospheric Deposition Natural Sources	Low	9.1 Miles	
6	R	Goodale Creek	60330112	Sedimentation/Siltation		Low	12 Miles	
				<i>Potential for delisting following further monitoring.</i>				
					Range Grazing-Riparian and/or Upland			
6	R	Gray Creek (Nevada County)	63520052	Sedimentation/Siltation		Medium	2.8 Miles	
				<i>Sediment from disturbance of naturally highly erosive watershed.</i>				
					Silviculture Natural Sources Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Green Creek	63030050	Habitat alterations <i>Creek listed due to impacts of hydromodification by Dynamo Pond facility. May be placed on separate list of waters impaired by pollution and not requiring TMDLs if pending revisions to TMDL regulations take effect.</i>		Low	16 Miles	
					Range Grazing-Riparian and/or Upland Hydromodification			
6	R	Green Valley Lake Creek	62820000	Priority Organics <i>Priority organics (source unknown) were detected in stream in 1980s; no monitoring since. Stream needs reevaluation to determine need for listing.</i>		Medium	3.8 Miles	
					Source Unknown			
6	L	Haiwee Reservoir	62410071	Copper <i>Copper problems related to algicide used to prevent taste/odor problems in drinking water supplies. TMDL development in progress. A determination of whether or not this water body is a "water of the United States" will be made by the Regional Water Quality Control Board.</i>		High	1703 Acres	2003
					Other			
6	R	Heavenly Valley Creek (source to USFS boundary)	63410031	Chloride <i>Chloride standard may be revised.</i>		Low	2 Miles	
					Highway/Road/Bridge Runoff Atmospheric Deposition Natural Sources Source Unknown			
				Phosphorus		Low	2 Miles	
					Erosion/Siltation Atmospheric Deposition Natural Sources Recreational and Tourism Activities (non-boating)			
6	R	Heavenly Valley Creek (USFS boundary to Trout Creek)	63410031	Chloride		Low	1.4 Miles	
					Highway/Road/Bridge Runoff Atmospheric Deposition Natural Sources Source Unknown			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation	Construction/Land Development Land Development Hydromodification Habitat Modification Recreational and Tourism Activities (non-boating) Nonpoint Source	Low	1.4 Miles	
6	S	Honey Lake	63710060	Arsenic	Geothermal Development Flow Regulation/Modification Natural Sources Nonpoint Source	Low	57756 Acres	
				<i>Arsenic is ultimately from natural sources, but lake is affected by geothermal discharges. Further study needed to determine need for TMDL.</i>				
				Salinity/TDS/Chlorides	Agriculture Agricultural Return Flows Geothermal Development Agricultural Water Diversion Sediment Resuspension Natural Sources Nonpoint Source	Low	57756 Acres	
				<i>Further study needed to determine extent of impairment and need for TMDL.</i>				
6	W	Honey Lake Area Wetlands	63710060	Metals	Agriculture Geothermal Development Natural Sources Nonpoint Source	Low	62590 Acres	
				<i>Additional monitoring needed to determine extent of impairment and need for TMDL</i>				
6	S	Honey Lake Wildfowl Management Ponds	63720095	Flow alterations	Agricultural Water Diversion	Low	665 Acres	
				<i>Ponds may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.</i>				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Metals <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Agriculture Geothermal Development Natural Sources	Low	665 Acres	
				Salinity/TDS/Chlorides <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Agriculture Geothermal Development Natural Sources	Low	665 Acres	
				Trace Elements <i>Further monitoring needed to determine extent of impairment and need for TMDL.</i>	Geothermal Development Nurseries	Low	665 Acres	
6	L	Horseshoe Lake (San Bernardino County)	62820000	Sedimentation/Siltation <i>Further monitoring may permit delisting.</i>		Medium	31 Acres	
					Construction/Land Development			
6	R	Hot Springs Canyon Creek	63030042	Sedimentation/Siltation <i>Listed on basis of limited data; further monitoring may support delisting.</i>		Medium	2.9 Miles	
					Range Grazing-Riparian and/or Upland			
6	R	Indian Creek (Alpine County)	63220010	Habitat alterations <i>Creek may be placed on list of water bodies impaired by pollution and not requiring TMDLs if pending revisions to regulations take effect.</i>	Agriculture Pasture Grazing-Riparian and/or Upland Agriculture-irrigation tailwater Upstream Impoundment Flow Regulation/Modification Agricultural Water Diversion	Low	13 Miles	
				Pathogens	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland	Low	13 Miles	

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

*Approved by SWRCB:
February 4, 2003*

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

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Mill Creek (Mono County)	60100080	Flow alterations <i>Under pending revisions to regulations, creek could be placed on a separate list of water bodies impaired by pollution and not requiring TMDLs.</i>		Low	12 Miles	
Water Diversions								
6	R	Monitor Creek	63210070	Aluminum <i>TMDL to be coordinated with CERCLA remediation.</i>		Low	4 Miles	
					Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source			
				Iron <i>TMDL to be coordinated with CERCLA remediation.</i>		Low	4 Miles	
					Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source			
				Manganese <i>TMDL to be coordinated with CERCLA remediation.</i>		Low	4 Miles	
					Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source			
				Silver <i>TMDL to be coordinated with CERCLA remediation.</i>		Low	4 Miles	
					Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint Source			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sulfates		Low	4 Miles	
				<i>TMDL to be coordinated with CERCLA remediation.</i>				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Nonpoint/Point Source			
				Total Dissolved Solids		Low	4 Miles	
				<i>TMDL to be coordinated with CERCLA remediation.</i>				
					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	
				<i>River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes to federal regulations.</i>				
					Agriculture			
					Grazing-Related Sources			
					Hydromodification			
					Flow Regulation/Modification			
6	R	Owens River (Lower)	60330000	Habitat alterations		Low	53 Miles	
				<i>River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes in federal regulations.</i>				
					Agriculture			
					Hydromodification			
6	R	Owens River (Upper)	60320000	Habitat alterations		Low	69 Miles	
				<i>River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes to federal regulations.</i>				
					Agriculture			
					Hydromodification			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Pine Creek (Lassen County)	63720010	Sedimentation/Siltation <i>Creek may be placed on seperate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations.</i>	Grazing-Related Sources Silviculture Highway/Road/Bridge Construction Hydromodification Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation	Low	55 Miles	
6	L	Pleasant Valley Reservoir	60320000	Organic Enrichment/Low Dissolved Oxygen	Flow Regulation/Modification Nonpoint Source	Medium	99 Acres	
6	R	Robinson Creek (Hwy 395 to Bridgeport Res)	63030050	Pathogens	Pasture Grazing-Riparian and/or Upland Agricultural Return Flows Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boating)	Low	1.8 Miles	
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050	Pathogens	Pasture Grazing-Riparian and/or Upland Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boating)	Low	9.1 Miles	
6	R	Rough Creek	63020013	Habitat alterations <i>Creek may be placed on list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.</i>	Range Grazing-Riparian and/or Upland	Low	15 Miles	
6	R	Skedaddle Creek	63710054	High Coliform Count <i>USBLM program to mitigate grazing impacts has been implemented. Further study may lead to delisting.</i>	Range Grazing-Riparian and/or Upland	Medium	18 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Squaw Creek	63520011	Sedimentation/Siltation	Construction/Land Development Other Urban Runoff Hydromodification Drainage/Filling Of Wetlands Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source	Medium	5.8 Miles	
6	R	Susan River	63720095	Unknown Toxicity	Source Unknown	Low	58 Miles	
6	R	Swauger Creek	63040012	Pathogens	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Onsite Wastewater Systems (Septic Tanks) Natural Sources Recreational and Tourism Activities (non-boating)	Low	14 Miles	
				Phosphorus	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Highway/Road/Bridge Runoff Surface Runoff Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Natural Sources Nonpoint Source	Low	14 Miles	

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

Approved by SWRCB:
February 4, 2003

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Tahoe, Lake	63430010	Nitrogen	Grazing-Related Sources Silviculture Construction/Land Development Land Development Urban Runoff/Storm Sewers Urban Runoff--Non-industrial Permitted Other Urban Runoff Highway/Road/Bridge Runoff Surface Runoff Urban Runoff--Erosion and Sedimentation Hydromodification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation Marinas and Recreational Boating Atmospheric Deposition Highway Maintenance and Runoff Internal Nutrient Cycling (primarily lakes) Natural Sources Recreational and Tourism Activities (non-boating) Golf course activities Groundwater Loadings	Medium	85364 Acres	

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

Approved by SWRCB:
February 4, 2003

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus	Grazing-Related Sources Silviculture Highway/Road/Bridge Construction Land Development Urban Runoff/Storm Sewers Urban Runoff--Non-industrial Permitted Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Internal Nutrient Cycling (primarily lakes) Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source	Medium	85364 Acres	
				Sedimentation/Siltation	Grazing-Related Sources Silviculture Highway/Road/Bridge Construction Land Development Urban Runoff/Storm Sewers Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Sediment Resuspension Natural Sources Recreational and Tourism Activities (non-boating) Nonpoint Source	Medium	85364 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Tallac Creek (below Hwy 89)	63410041	Pathogens	Grazing-Related Sources Pasture Grazing-Riparian	Low	1.3 Miles	
6	L	Tinemaha Reservoir	60320000	Metals <i>Metals concern related to use of copper sulfate algicide. Further monitoring and assessment needed to determine extent of impairment.</i>	Other	Medium	984 Acres	
6	L	Topaz Lake	63110010	Sedimentation/Siltation <i>Additional monitoring and assessment needed to document extent of impairment.</i>	Agriculture Streambank Modification/Destabilization Erosion/Siltation Nonpoint Source	Medium	928 Acres	
6	R	Trout Creek (above Hwy 50)	63410020	Iron <i>Standards revision to be considered</i>	Urban Runoff--Non-industrial Permitted Erosion/Siltation Natural Sources	Low	10 Miles	
				Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>	Pasture Grazing-Riparian and/or Upland Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	10 Miles	
				Pathogens	Source Unknown	Low	10 Miles	
				Phosphorus <i>Phosphorus loading from creek to be considered during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>	Pasture Grazing-Riparian and/or Upland Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	10 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Trout Creek (below Hwy 50)	63410042	Iron	Urban Runoff--Non-industrial Permitted Erosion/Siltation Natural Sources	Low	0.78 Miles	
				Nitrogen	Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	0.78 Miles	<i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>
				Pathogens	Pasture Grazing-Riparian Natural Sources Recreational and Tourism Activities (non-boating) Transient encampments	Low	0.78 Miles	
				Phosphorus	Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	0.78 Miles	<i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.</i>
6	R	Truckee River	63510010	Sedimentation/Siltation	Range Grazing-Riparian and/or Upland Silviculture Construction/Land Development Highway/Road/Bridge Construction Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Natural Sources Recreational and Tourism Activities (non-boating) Snow skiing activities Nonpoint Source	Medium	39 Miles	<i>Watershed disturbance including ski resorts, silvicultural activities, urban development, reservoir construction and management; highly erosive subwatersheds.</i>
6	R	Truckee River, Upper (above Christmas Valley)	63410010	Iron	Natural Sources	Low	4.5 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pathogens		Low	4.5 Miles	
					Grazing-Related Sources Natural Sources Recreational and Tourism Activities (non-boating)			
				Phosphorus		Low	4.5 Miles	
				<i>Phosphorus loading from river to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for the Upper Truckee River.</i>				
					Grazing-Related Sources Silviculture Natural Sources			
6	R	Truckee River, Upper (below Christmas Valley)	63410042					
				Iron		Low	11 Miles	
					Erosion/Siltation Natural Sources Unknown Nonpoint Source			
				Phosphorus		Low	11 Miles	
				<i>Phosphorus loading from river to be addressed in development of Lake Tahoe TMDL, but a more specific TMDL may be needed for the Upper Truckee River.</i>				
					Silviculture Construction/Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Unknown Nonpoint Source			
6	R	Tuttle Creek	60330140					
				Habitat alterations		Low	13 Miles	
				<i>Creek may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations.</i>				
					Range Grazing-Riparian and/or Upland			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Twin Lakes (Owens HU)	60310051	Nitrogen		Low	26 Acres	
				<i>Monitoring needed to confirm extent of impairment and need for TMDL.</i>				
					Agriculture Grazing-Related Sources Construction/Land Development Land Development Other Urban Runoff Atmospheric Deposition			
				Phosphorus		Low	26 Acres	
				<i>Monitoring needed to confirm degree of impairment and need for TMDL.</i>				
					Agriculture Grazing-Related Sources Construction/Land Development Land Development Other Urban Runoff			
6	R	Ward Creek	63420020	Iron		Low	5.7 Miles	
					Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources			
				Nitrogen		Low	5.7 Miles	
				<i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek.</i>				
					Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Atmospheric Deposition Natural Sources			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		Low	5.7 Miles	
				<i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek.</i>				
					<ul style="list-style-type: none"> 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	
				<i>The University of California Davis Tahoe Research Group is currently researching sediment sources in the Ward Creek watershed.</i>				
					<ul style="list-style-type: none"> Silviculture Land Development Urban Runoff/Storm Sewers Highway/Road/Bridge Runoff Channel Erosion Nonpoint Source 			
6	R	West Walker River	63110060	Sedimentation/Siltation		Low	49 Miles	
					<ul style="list-style-type: none"> Agriculture Pasture Grazing-Riparian and/or Upland Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Nonpoint Source 			
6	R	Wolf Creek (Alpine County)	63210031	Sedimentation/Siltation		Low	12 Miles	
					<ul style="list-style-type: none"> Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source 			
7	R	Alamo River	72310000	Pesticides		Low	57 Miles	
				<i>Pesticides may be contained in agricultural return flows. Elevated fish tissue levels. Toxic bioassay results.</i>				
					<ul style="list-style-type: none"> Agricultural Return Flows 			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		Low	57 Miles	
				<i>Selenium originates from Upper Basin Portion of Colorado River. Elevated fish tissue levels.</i>				
				Agricultural Return Flows				
7	R	Coachella Valley Storm Channel	71947000	Pathogens		Medium	69 Miles	
				Source Unknown				
7	R	Imperial Valley Drains	72310000	Pesticides		Low	1222 Miles	
				<i>Elevated fish tissue levels and toxic bioassay results</i>				
				Agricultural Return Flows				
				Sedimentation/Siltation		High	1222 Miles	2004
				Agricultural Return Flows				
				Selenium		Low	1222 Miles	
				<i>Selenium originates from Upper basin Portion of colorado River. Elevated fish tissue levels.</i>				
				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	
				<i>Regional Board proposes to establish TMDL in cooperation with U.S. EPA and Mexico.</i>				
				Major Municipal Point Source-dry and/or wet weather discharge				
				Agricultural Return Flows				
				Out-of-state source				
				Organic Enrichment/Low Dissolved Oxygen		Medium	66 Miles	
				Wastewater				
				Inappropriate Waste Disposal/Wildcat Dumping				
				Out-of-state source				
				Unknown point source				
				o-Xylenes		Low	66 Miles	
				Industrial Point Sources				
				Out-of-state source				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				p-Cymene	Industrial Point Sources Out-of-state source	Low	66 Miles	
				p-Dichlorobenzene (DCB)	Industrial Point Sources Out-of-state source	Low	66 Miles	
				Pesticides	Agricultural Return Flows Out-of-state source	Low	66 Miles	
				Sedimentation/Siltation	Agricultural Return Flows	High	66 Miles	2002
				Toluene	Industrial Point Sources Out-of-state source	Low	66 Miles	
				Trash	Out-of-state source	Medium	66 Miles	
7	R	Palo Verde Outfall Drain	71540000	Pathogens	Source Unknown	High	7.4 Miles	2003
7	S	Salton Sea	72800000	Nutrients	Major Industrial Point Source Agricultural Return Flows Out-of-state source	High	233340 Acres	2004
				Salinity	Agricultural Return Flows Out-of-state source Point Source	Low	233340 Acres	
				<i>TMDL development will not be effective in addressing this problem, which will require an engineering solution with federal, local, and state cooperation.</i>				
				Selenium	Agricultural Return Flows	Medium	233340 Acres	
8	L	Big Bear Lake	80171000	Copper	Resource Extraction	Medium	2865 Acres	
				Mercury	Resource Extraction	Medium	2865 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Metals		Medium	2865 Acres	
				Noxious aquatic plants	Resource Extraction	High	2865 Acres	2004
				Nutrients	Construction/Land Development Unknown point source	High	2865 Acres	2004
				Sedimentation/Siltation	Construction/Land Development Snow skiing activities	High	2865 Acres	2004
					Construction/Land Development Snow skiing activities Unknown Nonpoint Source			
8	R	Buck Gully Creek	80111000	Fecal Coliform <i>Listing is downstream of Pacific Coast Highway.</i>	Source Unknown	Low	0.3 Miles	
				Total Coliform <i>Listing is downstream of Pacific Coast Highway.</i>	Source Unknown	Low	0.3 Miles	
8	L	Canyon Lake (Railroad Canyon Reservoir)	80211000	Nutrients	Nonpoint Source	Low	453 Acres	
				Pathogens	Nonpoint Source	Low	453 Acres	
8	R	Chino Creek Reach 1	80121000	Nutrients	Agriculture Dairies	Medium	7.8 Miles	
				Pathogens	Agriculture Dairies Urban Runoff/Storm Sewers	High	7.8 Miles	2004
8	R	Chino Creek Reach 2	80121000	High Coliform Count	Unknown Nonpoint Source	Medium	2.5 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	R	Cucamonga Creek, Valley Reach	80121000	High Coliform Count	Unknown Nonpoint Source	High	9.6 Miles	2004
8	L	Elsinore, Lake	80231000	Nutrients	Unknown Nonpoint Source	High	2431 Acres	2003
				Organic Enrichment/Low Dissolved Oxygen	Unknown Nonpoint Source	High	2431 Acres	2004
				Sedimentation/Siltation	Unknown Nonpoint Source	High	2431 Acres	2003
				Unknown Toxicity	Urban Runoff/Storm Sewers	High	2431 Acres	2004
					Unknown Nonpoint Source			
8	L	Fulmor, Lake	80221000	Pathogens	Unknown Nonpoint Source	Low	4.2 Acres	
8	R	Grout Creek	80171000	Metals	Unknown Nonpoint Source	Medium	3.5 Miles	
				Nutrients	Unknown Nonpoint Source	High	3.5 Miles	2004
					Unknown Nonpoint Source			
8	C	Huntington Beach State Park	80111000	Enterococci <i>Impaired 50 yards around drain at Magnolia.</i>	Source Unknown	Low	5.8 Miles	
8	B	Huntington Harbour	80111000	Pathogens	Urban Runoff/Storm Sewers	Low	221 Acres	
8	R	Knickerbocker Creek	80171000	Metals	Unknown Nonpoint Source	Medium	2 Miles	
				Pathogens	Unknown Nonpoint Source	High	2 Miles	2004
					Unknown Nonpoint Source			
8	R	Los Trancos Creek (Crystal Cove Creek)	80111000	Fecal Coliform <i>Listing is downstream of Pacific Coast Highway.</i>	Source Unknown	Low	0.19 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Coliform <i>Listing is downstream of Pacific Coast Highway.</i>		Low	0.19 Miles	
					Source Unknown			
8	R	Lytle Creek	80141000	Pathogens		Low	41 Miles	
					Unknown Nonpoint Source			
8	R	Mill Creek (Prado Area)	80121000	Nutrients		Medium	1.6 Miles	
					Agriculture Dairies			
				Pathogens		High	1.6 Miles	2004
					Dairies			
				Suspended solids		Medium	1.6 Miles	
					Dairies			
8	R	Mill Creek Reach 1	80156000	Pathogens		Low	12 Miles	
					Unknown Nonpoint Source			
8	R	Mill Creek Reach 2	80158000	Pathogens		Low	12 Miles	
					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	B	Newport Bay, Lower	80114000	Metals		Medium	767 Acres	
					Urban Runoff/Storm Sewers Contaminated Sediments Boatyards			
				Pesticides		High	767 Acres	2003
					Agriculture Contaminated Sediments			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Priority Organics		Medium	767 Acres	
					Contaminated Sediments Unknown Nonpoint Source			
8	E	Newport Bay, Upper (Ecological Reserve)	80111000	Metals		Medium	653 Acres	
				Pesticides	Urban Runoff/Storm Sewers	High	653 Acres	2003
					Agriculture Unknown Nonpoint Source			
8	L	Prado Park Lake	80121000	Nutrients		Low	90 Acres	
				Pathogens	Nonpoint Source	High	90 Acres	2004
					Nonpoint Source			
8	R	Rathbone (Rathbun) Creek	80171000	Nutrients		High	4.7 Miles	2004
					Snow skiing activities Unknown Nonpoint Source			
				Sedimentation/Siltation		High	4.7 Miles	2004
					Snow skiing activities Unknown Nonpoint Source			
8	R	San Diego Creek Reach 1	80111000	Fecal Coliform		Low	7.8 Miles	
					Urban Runoff/Storm Sewers Other Urban Runoff			
				Pesticides		High	7.8 Miles	2003
					Unknown Nonpoint Source			
8	R	San Diego Creek Reach 2	80111000	Metals		Medium	6.3 Miles	
				Unknown Toxicity	Urban Runoff/Storm Sewers	Low	6.3 Miles	
					Unknown Nonpoint Source			
8	R	Santa Ana River, Reach 3	80121000	Pathogens		High	26 Miles	2004
					Dairies			

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
8	R	Santa Ana River, Reach 4	80127000	Pathogens	Nonpoint Source	Low	14 Miles	
8	R	Santiago Creek, Reach 4	80112000	Salinity/TDS/Chlorides	Source Unknown	Low	9.8 Miles	
8	C	Seal Beach	80111000	Enterococci <i>Impaired 50 yards around drain at 1st Street.</i>	Source Unknown	Low	0.53 Miles	
8	R	Silverado Creek	80112000	Pathogens	Unknown Nonpoint Source	Low	11 Miles	
				Salinity/TDS/Chlorides	Unknown Nonpoint Source	Low	11 Miles	
8	R	Summit Creek	80171000	Nutrients	Construction/Land Development	High	1.5 Miles	2004
9	R	Agua Hedionda Creek	90431000	Total Dissolved Solids	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	7 Miles	
9	E	Agua Hedionda Lagoon	90431000	Bacteria Indicators	Nonpoint/Point Source	Low	6.8 Acres	
				Sedimentation/Siltation	Nonpoint/Point Source	Low	6.8 Acres	
9	R	Aliso Creek	90113000	Bacteria Indicators	Urban Runoff/Storm Sewers Unknown point source Nonpoint/Point Source	Medium	19 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus <i>Impairment located at lower 4 miles.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	19 Miles	
				Toxicity	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	19 Miles	
9	E	Aliso Creek (mouth)	90113000	Bacteria Indicators	Nonpoint/Point Source	Medium	0.29 Acres	
9	E	Buena Vista Lagoon	90421000	Bacteria Indicators	Nonpoint/Point Source	Low	202 Acres	
				Nutrients <i>Estimated size of impairment is 150 acres located in upper portion of lagoon.</i>	Nonpoint/Point Source	Low	202 Acres	
				Sedimentation/Siltation	Nonpoint/Point Source	Medium	202 Acres	
9	R	Chollas Creek	90822000	Bacteria Indicators	Nonpoint/Point Source	Medium	1.2 Miles	
				Cadmium	Nonpoint/Point Source	High	1.2 Miles	2004
				Copper	Nonpoint/Point Source	High	1.2 Miles	2004
				Diazinon	Nonpoint/Point Source	High	1.2 Miles	2002
				Lead	Nonpoint/Point Source	High	1.2 Miles	2004
				Zinc	Nonpoint/Point Source	High	1.2 Miles	2004

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Cloverdale Creek	90532000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	1.2 Miles	
				Total Dissolved Solids	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	1.2 Miles	
9	B	Dana Point Harbor	90114000	Bacteria Indicators <i>Impairment located at Baby Beach.</i>	Urban Runoff/Storm Sewers Marinas and Recreational Boating Unknown Nonpoint Source Unknown point source	Medium	119 Acres	
9	E	Famosa Slough and Channel	90711000	Eutrophic	Nonpoint Source	Low	32 Acres	
9	R	Felicita Creek	90523000	Total Dissolved Solids	Agricultural Return Flows Urban Runoff/Storm Sewers Flow Regulation/Modification Unknown Nonpoint Source Unknown point source	Low	0.92 Miles	
9	R	Forester Creek	90712000	Fecal Coliform <i>Impairment Located at lower 1 mile.</i>	Urban Runoff/Storm Sewers Spills Unknown Nonpoint Source Unknown point source	Medium	6.4 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				pH <i>Impairment Located at upper 3 miles.</i>	Industrial Point Sources Habitat Modification Spills Unknown Nonpoint Source Unknown point source	Low	6.4 Miles	
				Total Dissolved Solids <i>Impairment Located at lower 1 mile.</i>	Agricultural Return Flows Urban Runoff/Storm Sewers Flow Regulation/Modification Unknown Nonpoint Source Unknown point source	Low	6.4 Miles	
9	R	Green Valley Creek	90511000	Sulfates	Urban Runoff/Storm Sewers Natural Sources Unknown Nonpoint Source Unknown point source	Low	1.2 Miles	
9	L	Guajome Lake	90311000	Eutrophic	Nonpoint/Point Source	Low	33 Acres	
9	L	Hodges, Lake	90521000	Color	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	1104 Acres	
				Nitrogen	Agriculture Dairies Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	1104 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus	Agriculture Dairies Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	1104 Acres	
				Total Dissolved Solids	Agricultural Return Flows Urban Runoff/Storm Sewers Flow Regulation/Modification Natural Sources Unknown Nonpoint Source Unknown point source	Low	1104 Acres	
9	R	Kit Carson Creek	90521000	Total Dissolved Solids	Agricultural Return Flows Urban Runoff/Storm Sewers Flow Regulation/Modification Unknown Nonpoint Source Unknown point source	Low	0.99 Miles	
9	E	Loma Alta Slough	90410000	Bacteria Indicators	Nonpoint Source	Low	8.2 Acres	
				Eutrophic	Nonpoint Source	Low	8.2 Acres	
9	E	Los Penasquitos Lagoon	90610000	Sedimentation/Siltation	Nonpoint/Point Source	Low	469 Acres	
9	B	Mission Bay	90640000	Bacteria Indicators	Nonpoint/Point Source	Medium	2032 Acres	
				<i>Impairment located along entire bay shoreline.</i>				
				Eutrophic	Nonpoint/Point Source	Low	2032 Acres	
				<i>Estimated area of impairment of 0.5 acres located at mouth of Rose Creek and 0.5 acres located at mouth of Tecolote Creek.</i>				
				Lead	Nonpoint/Point Source	Low	2032 Acres	
				<i>Estimated area of impairment of 0.5 acres located at mouth of Rose Creek and 0.5 acres located at mouth of Tecolote Creek.</i>				

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	Murrieta Creek	90252000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	12 Miles	
9	C	Pacific Ocean Shoreline, Aliso HSA	90113000	Bacteria Indicators <i>Impairment located at Laguna Beach at Lagunita Place / Blue Lagoon Place, Aliso Beach.</i>		Medium	0.65 Miles	
								Nonpoint/Point Source
9	C	Pacific Ocean Shoreline, Buena Vista Creek HA	90421000	Bacteria Indicators <i>Impairment located at Buena Vista Creek, Carlsbad City Beach at Carlsbad Village Drive, Carlsbad State Beach at Pine Avenue.</i>		Low	1.2 Miles	
								Nonpoint/Point Source
9	C	Pacific Ocean Shoreline, Dana Point HSA	90114000	Bacteria Indicators <i>Impairment located at Aliso Beach at West Street, Aliso Beach at Table Rock Drive, 1000 Steps Beach at Pacific Coast Hwy (Hospital, 9th Ave), Salt Creek (large outlet), Salt Creek Beach at Salt Creek service road, Salt Creek Beach at Dana Strand Road.</i>		Medium	2 Miles	
								Nonpoint/Point Source
9	C	Pacific Ocean Shoreline, Escondido Creek HA	90461000	Bacteria Indicators <i>Impairment located at San Elijo Lagoon outlet.</i>		Low	0.44 Miles	
								Nonpoint/Point Source
9	C	Pacific Ocean Shoreline, Laguna Beach HSA	90112000	Bacteria Indicators <i>Impairment located at Main Laguna Beach, Laguna Beach at Ocean Avenue, Laguna Beach at Laguna Avenue, Laguna Beach at Cleo Street, Arch Cove at Bluebird Canyon Road, Laguna Beach at Dumond Drive.</i>		Medium	1.8 Miles	
								Nonpoint/Point Source
9	C	Pacific Ocean Shoreline, Loma Alta HA	90410000	Bacteria Indicators <i>Impairment located at Loma Alta Creek Mouth.</i>		Low	1.1 Miles	
								Nonpoint/Point Source

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	C	Pacific Ocean Shoreline, Lower San Juan HSA	90120000	Bacteria Indicators <i>Impairment located at North Beach Creek, San Juan Creek (large outlet), Capistrano Beach, South Capistrano Beach at Beach Road.</i>		Medium	1.2 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, Miramar Reservoir HA	90610000	Bacteria Indicators <i>Impairment located at Torrey Pines State Beach at Del Mar (Anderson Canyon).</i>		Low	0.39 Miles	
Urban Runoff/Storm Sewers								
Unknown Nonpoint Source								
Unknown point source								
9	C	Pacific Ocean Shoreline, San Clemente HA	90130000	Bacteria Indicators <i>Impairment located at Poche Beach (large outlet), Ole Hanson Beach Club Beach at Pico Drain, San Clemente City Beach at El Portal St. Stairs, San Clemente City Beach at Mariposa St., San Clemente City Beach at Linda Lane, San Clemente City Beach at South Linda Lane, San Clemente City Beach at Lifeguard Headquarters, Under San Clemente Municipal Pier, San Clemente City Beach at Trafalgar Canyon (Trafalgar Ln.), San Clemente State Beach at Riviera Beach, San Clemente State Beach at Cypress Shores.</i>		Medium	3.7 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, San Diego HU	90711000	Bacteria Indicators <i>Impairment located at San Diego River Mouth (aka Dog Beach).</i>		Medium	0.37 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, San Dieguito HU	90511000	Bacteria Indicators <i>Impairment located at San Dieguito Lagoon Mouth, Solana Beach.</i>		Low	0.86 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, San Joaquin Hills HSA	90111000	Bacteria Indicators <i>Impairment located at Cameo Cove at Irvine Cove Dr./Riviera Way, Heisler Park-North</i>		Low	0.63 Miles	
Urban Runoff/Storm Sewers								
Unknown Nonpoint Source								
Unknown point source								
9	C	Pacific Ocean Shoreline, San Luis Rey HU	90311000	Bacteria Indicators <i>Impairment located at San Luis Rey River Mouth.</i>		Low	0.05 Miles	
Nonpoint/Point Source								

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	C	Pacific Ocean Shoreline, San Marcos HA	90451000	Bacteria Indicators <i>Impairment located at Moonlight State Beach.</i>		Low	1.1 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, Scripps HA	90630000	Bacteria Indicators <i>Impairment located at La Jolla Shores Beach at El Paseo Grande, La Jolla Shores Beach at Caminito Del Oro, La Jolla Shores Beach at Vallecitos, La Jolla Shores Beach at Ave de la Playa, Casa Beach (Childrens Pool), South Casa Beach at Coast Blvd., Whispering Sands Beach at Ravina St., Windansea Beach at Vista de la Playa, Windansea Beach at Bonair St., Windansea Beach at Playa del Norte, Windansea Beach at Palomar Ave., Tourmaline Surf Park, Pacific Beach at Grand Ave.</i>		Medium	3.9 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, Tijuana HU	91111000	Bacteria Indicators <i>Impairment located from the border, extending north along the shore.</i>		Low	1.3 Miles	
Nonpoint/Point Source								
9	R	Pine Valley Creek (Upper)	91141000	Enterococci	Grazing-Related Sources Concentrated Animal Feeding Operations (permitted, point source) Transient encampments	Medium	2.9 Miles	
9	R	Prima Deshecha Creek	90130000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	1.2 Miles	
				Turbidity	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	1.2 Miles	
9	R	Rainbow Creek	90222000	Nitrogen	Agricultural Return Flows Other Urban Runoff Nurseries Onsite Wastewater Systems (Septic Tanks) Nonpoint/Point Source	High	5 Miles	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus	Agricultural Return Flows Other Urban Runoff Nurseries Onsite Wastewater Systems (Septic Tanks) Nonpoint/Point Source	High	5 Miles	2003
9	B	San Diego Bay Shoreline, 32nd St San Diego Naval Station	90822000					
				Benthic Community Effects	Nonpoint/Point Source	Medium	103 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	103 Acres	
9	B	San Diego Bay Shoreline, between Sampson and 28th Streets	90822000					
				Copper	Nonpoint/Point Source	High	55 Acres	2003
				Mercury	Nonpoint/Point Source	High	55 Acres	2003
				PAHs	Nonpoint/Point Source	High	55 Acres	2003
				PCBs	Nonpoint/Point Source	High	55 Acres	2003
				Zinc	Nonpoint/Point Source	High	55 Acres	2003
9	C	San Diego Bay Shoreline, Chula Vista Marina	90912000					
				Bacteria Indicators	Urban Runoff/Storm Sewers Marinas and Recreational Boating Boatyards Boat Discharges/Vessel Wastes	Low	0.41 Miles	
9	B	San Diego Bay Shoreline, Downtown Anchorage	90821000					
				Benthic Community Effects	Nonpoint/Point Source	Medium	7.4 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	7.4 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	C	San Diego Bay Shoreline, G Street Pier	90821000	Bacteria Indicators	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	0.42 Miles	
9	B	San Diego Bay Shoreline, near Chollas Creek	90822000	Benthic Community Effects	Nonpoint/Point Source	Medium	15 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	15 Acres	
9	B	San Diego Bay Shoreline, near Coronado Bridge	90822000	Benthic Community Effects	Nonpoint/Point Source	Medium	37 Acres	
				Sediment Toxicity	<i>Includes Crosby Street/Cesar Chavez Park area, that will receive additional monitoring.</i> Nonpoint/Point Source	Medium	37 Acres	
9	B	San Diego Bay Shoreline, near sub base	90810000	Benthic Community Effects	Nonpoint/Point Source	Medium	16 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	16 Acres	
9	B	San Diego Bay Shoreline, near Switzer Creek	90821000	Chlordane	Urban Runoff/Storm Sewers Other Boatyards Nonpoint/Point Source	Medium	5.5 Acres	
				Lindane	Urban Runoff/Storm Sewers Other Boatyards Nonpoint/Point Source	Medium	5.5 Acres	
				PAHs	Urban Runoff/Storm Sewers Other Boatyards Nonpoint/Point Source	Medium	5.5 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	B	San Diego Bay Shoreline, North of 24th Street Marine Terminal	90832000	Benthic Community Effects	Nonpoint/Point Source	Medium	9.5 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	9.5 Acres	
9	B	San Diego Bay Shoreline, Seventh Street Channel	90831000	Benthic Community Effects	Nonpoint/Point Source	Medium	9 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	9 Acres	
9	C	San Diego Bay Shoreline, Shelter Island Shoreline Park	90810000	Bacteria Indicators	Unknown Nonpoint Source Unknown point source	Low	0.42 Miles	
9	C	San Diego Bay Shoreline, Tidelands Park	91010000	Bacteria Indicators	Unknown Nonpoint Source Unknown point source	Low	0.38 Miles	
9	B	San Diego Bay Shoreline, Vicinity of B St and Broadway Piers	90821000	Bacteria Indicators	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	9.9 Acres	
				<i>Estimated size of impairment is 0.4 miles around the shoreline of the bay.</i>				
				Benthic Community Effects	Nonpoint/Point Source	Medium	9.9 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	9.9 Acres	
9	B	San Diego Bay, Shelter Island Yacht Basin	90810000	Copper, Dissolved	Nonpoint/Point Source	High	153 Acres	2003

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	San Diego River (Lower)	90711000	Fecal Coliform <i>Lower 6 miles.</i>	Urban Runoff/Storm Sewers Wastewater Nonpoint/Point Source	Low	12 Miles	
				Low Dissolved Oxygen <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	12 Miles	
				Phosphorus <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	12 Miles	
				Total Dissolved Solids <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Flow Regulation/Modification Natural Sources Unknown Nonpoint Source Unknown point source	Low	12 Miles	
9	E	San Elijo Lagoon	90461000	Bacteria Indicators <i>Estimated size of impairment is 150 acres.</i>	Nonpoint/Point Source	Low	566 Acres	
				Eutrophic <i>Estimated size of impairment is 330 acres.</i>	Nonpoint/Point Source	Low	566 Acres	
				Sedimentation/Siltation <i>Estimated size of impairment is 150 acres.</i>	Nonpoint/Point Source	Medium	566 Acres	
9	R	San Juan Creek	90120000	Bacteria Indicators	Nonpoint/Point Source	Medium	1 Miles	
9	E	San Juan Creek (mouth)	90120000	Bacteria Indicators	Nonpoint/Point Source	Medium	6.3 Acres	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	R	San Luis Rey River	90311000	Chloride <i>Impairment located at lower 13 miles.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	19 Miles	
				Total Dissolved Solids	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	Low	19 Miles	
9	R	Sandia Creek	90222000	Total Dissolved Solids	Urban Runoff/Storm Sewers Flow Regulation/Modification Natural Sources Unknown Nonpoint Source Unknown point source	Low	1.5 Miles	
9	E	Santa Margarita Lagoon	90211000	Eutrophic	Nonpoint/Point Source	Low	28 Acres	
9	R	Santa Margarita River (Upper)	90222000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	18 Miles	
9	R	Segunda Deshecha Creek	90130000	Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	0.92 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Turbidity	Construction/Land Development Urban Runoff/Storm Sewers Channelization Flow Regulation/Modification Unknown Nonpoint Source Unknown point source	Low	0.92 Miles	
9	L	Sutherland Reservoir	90553000	Color	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	561 Acres	
9	R	Tecolote Creek	90650000	Bacteria Indicators	Nonpoint/Point Source	Medium	6.6 Miles	
				Cadmium	Nonpoint/Point Source	Low	6.6 Miles	
				Copper	Nonpoint/Point Source	Low	6.6 Miles	
				Lead	Nonpoint/Point Source	Low	6.6 Miles	
				Toxicity	Nonpoint/Point Source	Low	6.6 Miles	
				Zinc	Nonpoint/Point Source	Low	6.6 Miles	
9	R	Tijuana River	91111000	Bacteria Indicators	Nonpoint/Point Source	Low	5.8 Miles	
				Eutrophic	Nonpoint/Point Source	Low	5.8 Miles	
				Low Dissolved Oxygen	Nonpoint/Point Source	Low	5.8 Miles	
				Pesticides	Nonpoint/Point Source	Low	5.8 Miles	
				Solids	Nonpoint/Point Source	Low	5.8 Miles	

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

*Approved by SWRCB:
February 4, 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Synthetic Organics		Low	5.8 Miles	
					Nonpoint/Point Source			
				Trace Elements		Low	5.8 Miles	
					Nonpoint/Point Source			
				Trash		Low	5.8 Miles	
					Nonpoint/Point Source			
9	E	Tijuana River Estuary	91111000	Bacteria Indicators		Low	1319 Acres	
				<i>Estimated size of impairment is 150 acres.</i>				
					Nonpoint/Point Source			
				Eutrophic		Low	1319 Acres	
				<i>Estimated size of impairment is 1 acre.</i>				
					Nonpoint/Point Source			
				Lead		Low	1319 Acres	
				<i>Estimated size of impairment is 1 acre.</i>				
					Nonpoint/Point Source			
				Low Dissolved Oxygen		Low	1319 Acres	
					Urban Runoff/Storm Sewers Wastewater Unknown Nonpoint Source Unknown point source			
				Nickel		Low	1319 Acres	
				<i>Estimated size of impairment is 1 acre.</i>				
					Nonpoint/Point Source			
				Pesticides		Low	1319 Acres	
				<i>Estimated size of impairment is 1 acre.</i>				
					Nonpoint/Point Source			
				Thallium		Low	1319 Acres	
				<i>Estimated size of impairment is 1 acre.</i>				
					Nonpoint/Point Source			
				Trash		Low	1319 Acres	
				<i>Estimated size of impairment is 1 acre.</i>				
					Nonpoint/Point Source			

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

Approved by SWRCB:
February 4, 2003

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

ABBREVIATIONS

REGIONAL WATER QUALITY CONTROL BOARDS

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

WATER BODY TYPE

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

CALWATER WATERSHED

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

GROUP A PESTICIDES OR CHEM A

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