

**STAFF REPORT  
VOLUME I**

**REVISION OF THE CLEAN WATER ACT SECTION 303(d)  
LIST OF WATER QUALITY LIMITED SEGMENTS**



SEPTEMBER 2005

DIVISION OF WATER QUALITY  
**STATE WATER RESOURCES CONTROL BOARD**  
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

# DRAFT

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STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER QUALITY

STAFF REPORT

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LIST OF WATER QUALITY LIMITED SEGMENTS

VOLUME I

September 2005  
DRAFT

## **Preface**

The State Water Resources Control Board (SWRCB) is required by the Clean Water Act (CWA) to review, make changes as necessary, and submit the CWA section 303(d) list to the U.S. Environmental Protection Agency (USEPA).

This document presents recommendations for additions, deletions, and changes to the 2002 California section 303(d) list. Recommendations are also made for when Total Maximum Daily Loads (TMDLs) will be completed. The report provides a summary of list changes and the SWRCB staff analysis of data and information.

This staff report has three parts: (1) Volume I which contains the listing methodology and a summary of the proposed additions, deletions, changes, and TMDL schedules; (2) Volume II which contains summaries of the listing and delisting proposals for the North Coast, San Francisco Bay, Central Coast, and Los Angeles regions; and (3) Volume III which contains summaries of the listing and delisting proposals for the Central Valley, Lahontan, Colorado River Basin, Santa Ana, and San Diego regions. Each proposal is presented in a water body fact sheet that summarizes listing status weight of evidence and the relationships between each line of line of evidence. Reports have also been prepared that document those waters where data were reviewed but no change in listing status is proposed.

SWRCB will accept testimony at northern and southern California workshops on the proposed changes to the 2002 section 303(d) list. After responses to comments are developed, the SWRCB will consider approval of the 2006 section 303(d) list. Once approved, the list and supporting information will be submitted to USEPA.

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**List of Abbreviations**

AU	Assessment unit
Basin Plan	Regional Water Quality Control Plan
BPTCP	Bay Protection and Toxic Cleanup Program
CalEPA	California Environmental Protection Agency
CCAMP	Central Coast Ambient Monitoring Program
CCC	Criteria Continuous Concentration
CCR	California Code of Regulations
CDF	California Department of Forestry and Fire Protection
CFCP	Coastal Fish Contamination Program
CFR	Code of Federal Regulations
CMC	Criteria Maximum Concentration
CSTF	Contaminated Sediment Task Force
CWA	Clean Water Act
°C	degrees Celsius
°F	degrees Fahrenheit
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DFG	California Department of Fish and Game
DHS	California Department of Health Services
DO	Dissolved oxygen
dw	dry weight
EDL	Elevated Data Level
ERM	Effects Range Median
HCH	Hexachlorocyclohexane
HSA	Hydrologic Sub Area
HU	Hydrologic Unit
kg	kilogram(s)
Listing Policy	Water Quality Control Policy for Developing California's Section 303(d) List
LOE	Line of Evidence
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
mg/kg	milligrams per kilogram (parts per million)
mg/L	milligrams per liter (parts per million)
µg/g	micrograms per gram (parts per million)
µg/L	micrograms per liter (parts per billion)
MPN	Most Probable Number
MTBE	Methyl tertiary-butyl ether
MTRL	Maximum Tissue Residue Level
NAS	National Academy of Sciences
ng/g	nanograms per gram (parts per billion)
ng/L	nanograms per liter (parts per trillion)
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System

NPS	Nonpoint Source
NTU	Nephelometric Turbidity Unit
OEHHA	Office of Environmental Health Hazard Assessment
PAH	Polynuclear aromatic hydrocarbon
PBDE	Polybrominated diphenyl ethers
PCB	Polychlorinated biphenyl
PEL	Probable Effects Level
pg/L	picograms per liter
POTW	Publicly Owned Treatment Works
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RBI	Relative Benthic Index
RL	Reporting Level
RWQCB	Regional Water Quality Control Board
SFEI	San Francisco Estuary Institute
SMWP	State Mussel Watch Program
SQG	Sediment quality guideline
SWAMP	Surface Water Ambient Monitoring Program
SWRCB	State Water Resources Control Board
TDS	Total Dissolved Solids
TIE	Toxicity Identification Evaluation
TMDL	Total Maximum Daily Load
TSMP	Toxic Substance Monitoring Program
TSS	Total Suspended Solids
UAA	Use Attainability Analysis
USBR	U.S. Bureau of Reclamation
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
WDR	Waste Discharge Requirement
ww	wet weight

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Staff Report by the  
Division of Water Quality  
State Water Resources Control Board

***REVISION OF THE CLEAN WATER ACT  
SECTION 303(d) LIST OF  
WATER QUALITY LIMITED SEGMENTS***

***Volume I***

***Introduction***

The State of California is required under Clean Water Act (CWA) section 303(d) and federal regulations (40 CFR 130) to prepare a list of and set priorities for water quality limited segments still requiring Total Maximum Daily Loads (TMDLs). The section 303(d) list was last revised in 2003 (SWRCB, 2003). Federal regulations require the section 303(d) list to be updated every two years.

The purpose of this staff report is to present proposals for revision of the State's section 303(d) list and to present recommendations for scheduling the completion of TMDLs. The staff report has three parts: (1) Volume I which contains the listing methodology and a summary of the proposed additions, deletions, changes, and TMDL schedules; (2) Volume II which contains summaries of the proposals for the North Coast, San Francisco Bay, Central Coast, and Los Angeles regions; and (3) Volume III which contains summaries of the proposals for the Central Valley, Lahontan, Colorado River Basin, Santa Ana, and San Diego regions.

***Background***

The development of the section 303(d) list is governed by both federal and state requirements. Federal requirements are contained in the CWA and applicable sections of federal regulations. USEPA has prepared guidance to the states but the use of this guidance is not mandatory. State listing requirements are presented in the Water Quality Control Policy for Developing California's Section 303(d) List (SWRCB, 2004b).

**Federal Listing Requirements**

CWA section 303(d) requires states to identify waters that do not meet applicable water quality standards after the application of certain technology-based controls. The section 303(d) list must include a description of the pollutants causing the violation of water quality standards (40 CFR 130.7(b)(iii)(4)) and a priority ranking of the water quality limited segments, taking into account the severity of the pollution and the uses to be made of the waters. As defined in CWA and federal regulations, water quality standards include the designated uses of a water body, the adopted water quality criteria, and the State's antidegradation policy. Under state law (Porter-Cologne Water Quality Control Act), water quality standards are beneficial uses to be made of a water body, the established water quality objectives (both narrative and numeric), and the State's nondegradation policy (SWRCB Resolution No. 68-16). Federal regulation defines a "water

quality limited segment” as “any segment [of a water body] where it is known that water quality does not meet applicable water quality standards, and/or is not expected to meet applicable water quality standards, even after application of technology-based effluent limitations required by CWA Sections 301(b) or 306.”

A TMDL must be developed for water quality limited segments still needing a TMDL. A TMDL (40 CFR 130.2(j)) is the sum of the individual wasteload allocations for point sources, load allocations for nonpoint sources, and natural background, tributaries, or adjacent segments.

States are required to review the section 303(d) list in even-numbered years, make changes as necessary, and submit the list to USEPA for approval.

### **State Listing Requirements**

On September 30, 2004, SWRCB adopted the *Water Quality Control Policy for Developing California’s Clean Water Act Section 303(d) List* (Listing Policy) (SWRCB, 2004b) in accordance with California Water Code section 13191.3(a). The Listing Policy identifies the process by which SWRCB and RWQCBs will comply with the listing requirements of CWA section 303(d). The Listing Policy became effective in December 2004.

The objective of the Listing Policy is to establish a standardized approach for developing California’s section 303(d) list with the overall goal of achieving water quality standards and maintaining beneficial uses in all of California’s surface waters. TMDLs will be developed as needed for the waters identified under the provisions of the Listing Policy.

### **Decision Rules**

The Listing Policy (SWRCB, 2004b) outlines a weight of evidence approach that provides the decision rules for different kinds of data; an approach for analyzing data statistically; and requirements for data quality, data quantity, and administration of the listing process. Decision rules for listing and delisting are provided for: chemical-specific water quality standards; bacterial water quality standards; health advisories; bioaccumulation of chemicals in aquatic life tissues; nuisance such as trash, odor, and foam; nutrients; water and sediment toxicity; adverse biological response; and degradation of aquatic life populations and communities. The Listing Policy also requires that situation-specific weight of evidence listing or delisting factors be used if available information indicates water quality standards are not attained or attained and the other decision rules do not support listing or delisting. The federal requirement for setting priorities on which TMDLs will be developed first is addressed in the Listing Policy by the establishment of schedules for TMDL development.

The Listing Policy also provides direction related to:

1. The definition of readily available data and information.
2. Administration of the listing process including data solicitation and fact sheet preparation.
3. Interpretation of narrative water quality objectives using numeric evaluation guidelines.
4. Data quality assessments.
5. Data quantity assessments including water body specific information, data spatial and temporal representation, aggregation of data by reach/area, quantitation of chemical concentrations, evaluation of data consistent with the expression of water quality objectives

or criteria, binomial model statistical evaluation, evaluation of bioassessment data, and evaluation of temperature data.

Justification of each portion of the Listing Policy is presented in the Final Functional Equivalent Document (SWRCB, 2004c) that was developed to support the provisions of the Listing Policy.

### ***List Structure***

The Listing Policy requires that all waters that do not meet water quality standards be placed on the section 303(d) list. The categories are (1) waters still requiring a TMDL, and (2) waters where the water quality limited segment is being addressed.

Water segments in the “Water Quality Limited Segments Being Addressed” category must meet either of the following conditions:

1. A TMDL has been developed and approved by USEPA and the approved implementation plan is expected to result in full attainment of the standard within a specified time frame; or
2. It has determined that an existing regulatory program is reasonably expected to result in the attainment of the water quality standard within a reasonable, specified time frame.

### ***Methodology Used to Develop the 2006 Section 303(d) List***

#### **Assumptions**

In developing SWRCB staff recommendations it was assumed that:

1. The 2002 section 303(d) list (Appendix 1) would form the basis for the 2006 list submittal.
2. The provisions of the Listing Policy would guide staff recommendations.
3. Waters that were previously removed from the section 303(d) list because a TMDL was completed or another program was addressing the water quality problem would be considered for placement on the section 303(d) list in the Water Quality Limited Segments Being Addressed category based on the data and information used to delist plus any additional data that has become available. If the listing was removed in 2002 solely on the basis that the program would address the problem, section 3.11 of the Listing Policy was used as the listing factor.
4. Exotic or invasive species would be considered as pollutants and would be considered for inclusion on the section 303(d) list. A recent court ruling (Northwest Environmental Advocates et al. vs. USEPA, 2005) found that invasive species are considered to be pollutants as defined in CWA.
5. Fact sheets would be developed for those water body pollutant combinations where there was a high likelihood of changing list status.
6. The staff report contains only those fact sheets that recommend a change in the section 303(d) list. Fact sheets are published in separate documents where the recommendations are (1) Do not list (SWRCB, 2005a), or (2) Do not delist (SWRCB, 2005b).

## **Data and Information Used**

SWRCB solicited, assembled, and consider all readily available data and information. A public solicitation of data and information was begun in April 2004 (SWRCB, 2004a). This public data solicitation was concluded in June 2004. The data received generally covered the period of 2001 to early 2004. Some data were submitted that addressed pre-2002 listings. Data through March 2005 from the Surface Water Ambient Monitoring Program (SWAMP) were included in the record. Other sources of data and information that became readily available to SWRCB staff were also included in the administrative record.

A list of data and information in the administrative record used for development of the 2006 section 303(d) list is presented in the Appendix 2. Data and information that were reviewed included:

- Data and information supporting the 2002 section 303(d) list, and the most recent section 305(b) report;
- Drinking water source assessments to the extent they were available;
- Municipal Separate Storm Sewer System reports;
- Information on water quality problems in documents prepared to satisfy Superfund and Resource Conservation and Recovery Act requirements to the extent they were available;
- Fish and shellfish advisories, beach postings and closures, or other water quality-based restrictions;
- Reports of fish kills, cancers, lesions or tumors;
- Dilution calculations, trend analyses, or predictive models for assessing the physical, chemical, or biological condition of streams, rivers, lakes, reservoirs, estuaries, coastal lagoons, or the ocean to the extent they were available;
- Applicable water quality data and information from the Surface Water Ambient Monitoring Program (SWAMP), USEPA's Storage and Retrieval Database Access and other USEPA databases and information sources, the Bay-Delta Tributaries Database, Southern California Coastal Water Research Project, and the San Francisco Estuary Regional Monitoring Program; and
- Existing and readily available water quality data and information reported by local, state and federal agencies (including receiving water monitoring data from discharger monitoring reports), citizen monitoring groups, academic institutions, and the public.

## **SWRCB Staff Analysis and Recommendations**

This section provides a description of the process for developing of fact sheets, contents of fact sheets, standards used, evaluation guidelines used, fact sheets for affected area changes, and how faulty listings were addressed.

### ***Data Processing and Fact Sheet Development***

All readily available data and information in the administrative record was considered in the development of the 2006 CWA section 303(d) list. SWRCB staff developed fact sheets summarizing the data used to make listing/delisting decisions.

Even though all data were reviewed and considered, fact sheets were not developed for every pollutant-water body combination reviewed. In general, fact sheets were developed for all

waters and pollutants where water quality standards were not attained. Data sets were grouped into High, Medium and Low priorities for fact sheet development. The grouping were based on the following priorities:

1. High Priority
  - All data and information submitted by public during the 2004 data solicitation and other data made available to SWRCB staff and not previously reviewed.
  - Recommendations from the RWQCBs.
  - Data from water bodies not on the section 303(d) list where a preliminary examination of the data and information in the record indicated standards were not met.
2. Medium Priority
  - Data in the record for waters currently on the section 303(d) list where the pollutants are not listed.
3. Low Priority
  - Data and information in the record for water body-pollutant combinations where a preliminary examination of the data indicated water quality standards were met.
  - Data without quality assurance information.
  - Data sets that had no supporting information or had no identifying information.
  - Data and information that could not be assessed because numeric water quality objectives, criteria, or evaluation guidelines are not available.

### ***Contents of the Fact Sheets***

Data and information from water bodies was assessed using the weight-of-evidence approach identified in the Listing Policy. The weight-of-evidence approach was used to evaluate whether the evidence is in favor of or against placing waters on or removing waters from the section 303(d) list. If data and were reviewed for a water body-pollutant combination not currently on the section 303(d) list, it was considered for listing (using the delisting factors in section 3 of the Listing Policy). Conversely, if data and were reviewed for a water body-pollutant combination currently on the section 303(d) list, it was considered for delisting (using the delisting factors in section 4 of the Listing Policy).

The following steps describe the general steps in the weight-of-evidence approach:

1. Data and Information Processing: All data and information were evaluated using the decision rules listed in sections 3 or 4 of the Listing Policy and, as appropriate, applicable implementation factors (including sections 6.1.2.2 and 6.1.5.1 through 6.1.5.9). The schedule for completion of TMDLs was developed using the provisions of section 5 of the Listing Policy. Other information that could not be analyzed under the provisions of the Listing Policy was summarized in the fact sheets to the extent possible.
2. Data Assessment: An assessment in favor of or against a list action for a water body-pollutant combination was presented in the first part of the fact sheets. The assessment identified and discussed briefly relationships between all summarized lines of evidence for

the water body and pollutant. This assessment was made on a pollutant-by-pollutant (including toxicity) basis.

To the extent information was available, each fact sheet contained:

1. A descriptive name of the segment
2. The name of the pollutant or condition
3. A brief description of the recommendation for listing status (e.g., List, Do not list, Delist, Do not delist, Accept area change)
4. A description of the weight of evidence summarized for the water body-pollutant combination. This section included identification of the portion of the Listing Policy used, lines of evidence needed, a brief summary of the lines of evidence (LOE), a conclusion, and the basis for the staff findings.
5. A staff recommendation.
6. The weight of evidence section was followed by summaries of each LOE. In general each LOE contained descriptions of:
  - A. The beneficial use(s) being addressed by data and information
  - B. The matrix (e.g., water, sediment, or tissue)
  - C. The water quality objective or water quality criterion
  - D. The evaluation guideline used (if the water quality objective was narrative)
  - E. The data or information used to assess water quality
  - F. The spatial representation of the data and information
  - G. The temporal representation of the data and information
  - H. Data quality assessment
  - I. Other information needed to summarize the data and information.

### **Standards**

This section of the staff report outlines the sources used that identified beneficial uses of water, water quality objectives or water quality criteria, and, for interpretation of narrative water quality objectives, the evaluation guidelines used.

### **Beneficial Uses**

The beneficial uses for waters for the state are identified in the Regional Water Quality Control Plans (Basin Plans). If beneficial uses were not identified for a water body in the Basin Plans and the uses existed in the water body, then waters were assessed using the existing beneficial uses of water.

### **Water Quality Objectives/Water Quality Criteria**

The water quality objectives and water quality criteria used in the assessments were from the following sources:

- Basin Plans
- Statewide Water Quality Control Plans (e.g., the California Ocean Plan)
- California Toxics Rule (40 CFR 131.38)
- Bacteria standards at bathing beaches (17 CCR 7958)
- Maximum Contaminant Levels to the extent applicable [e.g., Table 64431-A (Inorganic Chemicals) and 64431-B (Fluoride) of 22 CCR section 64431, Table 64444-A (Organic Chemicals) of 22 CCR section 64444, and Tables 64449-A (Secondary Maximum

Contaminant Levels-Consumer Acceptance Limits) and 64449-B (Secondary Maximum Contaminant Levels-Ranges) of 22 CCR section 64449]

### **Guidelines**

Narrative water quality objectives were evaluated using evaluation guidelines. When evaluating narrative water quality objectives or beneficial use protection, SWRCB staff identified evaluation guidelines that represent standards attainment or beneficial use protection.

In selecting an evaluation guideline, SWRCB staff:

- Identified the water body, pollutants, and beneficial uses;
- Identified the narrative water quality objectives or applicable water quality criteria;
- Identified the appropriate interpretive evaluation guideline that potentially represented water quality objective attainment or protection of beneficial uses. Depending on the beneficial use and narrative standard, the following considerations were used in the selection of evaluation guidelines:

1. Sediment Quality Guidelines for Marine, Estuarine, and Freshwater Sediments: SWRCB staff selected sediment quality guidelines published in the peer-reviewed literature or developed by state or federal agencies. Acceptable guidelines included selected values (e.g., effects range-median, probable effects level, probable effects concentration), and other sediment quality guidelines. Only those sediment guidelines that are predictive of sediment toxicity were used (i.e., those guidelines that have been shown in published studies to be predictive of sediment toxicity in 50 percent or more of the samples analyzed). The sediment quality guidelines used are presented in Table 1.

TABLE 1: SEDIMENT QUALITY GUIDELINES FOR MARINE, ESTUARINE, AND FRESHWATER SEDIMENTS

Chemical	<u>Marine and Estuarine Sediments</u>			<u>Freshwater Sediments</u>
	Effects Range-Median <sup>1</sup>	Probable Effects Level <sup>2</sup>	Other Sediment Quality Guidelines	Probable Effect Concentration <sup>3</sup>
Antimony	25 ug/g dw			
Arsenic	70 ug/g dw			33.0 mg/kg dw
Cadmium		4.21 ug/g dw		4.98 mg/kg dw
Chromium	370 ug/g dw			111 mg/kg dw
Copper	270 ug/g dw			149 mg/kg dw
Lead		112.18 ug/g dw		128 mg/kg dw
Mercury			2.1 ug/g <sup>4</sup>	1.06 mg/kg dw
Nickel				48.6 mg/kg dw
Silver		1.77 ug/g dw		
Zinc	410 ug/g dw			459 mg/kg dw
Chlordane				17.6 ug/kg dw
Total Chlordane	6 ng/g <sup>5</sup> dw			
Dieldrin	8 ng/g dw			61.8 ug/kg dw
Sum DDD				28.0 ug/kg dw
Sum DDE				31.3 ug/kg dw
Sum DDT				62.9 ug/kg dw

Chemical	Effects Range-Median <sup>1</sup>	Marine and Estuarine Sediments		Freshwater Sediments
		Probable Effects Level <sup>2</sup>	Other Sediment Quality Guidelines	Probable Effect Concentration <sup>3</sup>
Total DDTs				572 ug/kg dw
Endrin			0.76 ug/g oc <sup>6</sup>	207 ug/kg dw
Lindane			0.37 ug/g oc <sup>8</sup>	4.99 ug/kg dw
Total PCBs			400 ng/g <sup>7</sup>	676 ug/kg dw
Anthrazene				845 ug/kg dw
Fluorene				536 ug/kg dw
Naphthalene				561 ug/kg dw
2-methyl-naphthalene		201.28 ng/g dw		
Phenanthrene		543.53 ng/g dw		1,170 ug/kg dw
Low molecular weight PAHs		1,442 ng/g dw		
Benz[a]anthrazene		692.53 ng/g dw		1,050 ug/kg dw
Benzo[a]pyrene		763.22 ng/g dw		1,450 ug/kg dw
Chrysene		845.98 ng/g dw		1,290 ug/kg dw
Dibenz[a,h]-anthrazene	260 ng/g dw			
Fluoranthene				2,230 ug/kg dw
Pyrene		1,397.4 ng/g dw		1,520 ug/kg dw
High molecular weight PAHs	9,600 ng/g dw			
Total PAHs			1,800 ug/g <sup>8</sup>	22,800 ug/kg dw

<sup>1</sup>Long et al., 1995      <sup>4</sup>PTI Environmental Services, 1991      <sup>7</sup>MacDonald et al., 2000b  
<sup>2</sup>MacDonald et al., 1996      <sup>5</sup>Long and Morgan, 1990      <sup>8</sup>Fairey et al., 2001  
<sup>3</sup>MacDonald et al., 2000a      <sup>6</sup>USEPA, 1993d      oc = Organic Carbon  
dw = Dry Weight

2. Evaluation Guidelines for Protection from the Consumption of Fish and Shellfish: SWRCB staff used evaluation guidelines published by USEPA or OEHHA. Maximum Tissue Residue Levels (MTRLs) and Elevated Data Levels (EDLs) were not used to evaluate fish or shellfish tissue data. The tissue guidelines used are presented in Table 2.

TABLE 2: SCREENING VALUES FOR THE PROTECTION OF HUMAN HEALTH FROM THE CONSUMPTION OF FISH AND SHELLFISH

Contaminant	OEHHA Screening Values <sup>1</sup>	USEPA Screening Values <sup>2</sup>
Arsenic	1.0 mg/kg	1.2 mg/kg <sup>3</sup>
Cadmium	3.0 mg/kg	
Mercury	0.3 mg/kg	
Selenium	2.0 mg/kg	
Tributyltin		1.2 mg/kg
Total DDT	100 µg/kg	
Total PCBs	20 µg/kg	
Total PAHs		5.47 µg/kg
Chlordane (total)	30 µg/kg	

Contaminant	OEHHA Screening Values <sup>1</sup>	USEPA Screening Values <sup>2</sup>
Dieldrin	2.0 µg/kg	
Endosulfan (total)	20,000 µg/kg	
Endrin	1,000 µg/kg	
Lindane (gamma hexachlorocyclohexane)	30 µg/kg	
Heptachlor epoxide	4.0 µg/kg	
Hexachlorobenzene	20 µg/kg	
Methyl mercury	0.3 mg/kg <sup>4</sup>	
Mirex		800 µg/kg
Toxaphene	30 µg/kg	
Diazinon	300 µg/kg	
Chlorpyrifos	10,000 µg/kg	
Disulfoton	100 µg/kg	
Terbufos		80 µg/kg
Oxyfluorfen		546 µg/kg
Ethion	2,000 µg/kg	
Dioxin	0.3 ng/kg	

<sup>1</sup>Brodberg and Pollock, 1999 mg/kg = milligrams per kilogram (parts per million)

<sup>2</sup>USEPA, 2000b ng/kg = nanograms per kilogram

<sup>3</sup>USEPA, 2000a (measurements based on wet tissue samples)

<sup>4</sup>Klassing and Brodberg, 2004

3. Evaluation Guidelines for Protection of Aquatic Life from Bioaccumulation of Toxic Substances: SWRCB staff used evaluation values for the protection of aquatic life published by the National Academy of Science. These tissue guidelines are presented in Table 3.

TABLE 3: WILDLIFE PROTECTION CRITERIA FOR EVALUATION OF BIOACCUMULATION MONITORING DATA

Contaminant	NAS Guidelines*
Aldrin	100 µg/kg
Total DDT	1,000 µg/kg
Total PCBs	500 µg/kg
Chlordane (total)	100 µg/kg
Dieldrin	100 µg/kg
Endosulfan (total)	100 µg/kg
Endrin	100 µg/kg
Lindane (gamma hexachlorocyclohexane)	100 µg/kg
hexachlorocyclohexane (total)	100 µg/kg
Heptachlor	100 µg/kg
Heptachlor epoxide	100 µg/kg
Toxaphene	100 µg/kg

\*NAS, 1972.

µg/kg = micrograms per kilogram  
(measurements based on wet tissue samples)

4. Water Quality Guidelines: SWRCB staff used water quality evaluation guidelines that were:
- Applicable to the beneficial use.
  - Protective of the beneficial use.
  - Linked to the pollutant under consideration.
  - Scientifically-based and peer reviewed.
  - Well described.
  - Identified a range above which impacts occur and below which no or few impacts are predicted.

These water quality guidelines are presented in Table 4.

TABLE 4: WATER QUALITY GUIDELINES

Pollutant	Water Quality Guidelines*
Chlorpyrifos – 4-day average (freshwater)	0.014 µg/L <sup>1</sup>
Chlorpyrifos – 1-hour average (freshwater)	0.025 µg/L <sup>1</sup>
Diazinon – 4-day average (freshwater)	0.1 µg/L <sup>1</sup>
Diazinon – 1-hour average (freshwater)	0.16 µg/L <sup>1</sup>
Perchlorate (for protection of drinking water quality)	6.0 µg/L <sup>2</sup>
Temperature, 7-day mean (for protection of coho salmon)	14.8°C <sup>3</sup>
Temperature, 7-day mean (for protection of steelhead or rainbow trout)	17.0°C <sup>3</sup>
Temperature, maximum weekly average temperature (for protection of coho salmon)	19.7°C <sup>3</sup>
Temperature, maximum weekly average temperature (for protection of steelhead or rainbow trout)	19.6°C <sup>3</sup>
Temperature, maximum annual average temperature (for protection of steelhead or rainbow trout)	21.0°C <sup>3</sup>
Turbidity (for protection of fish populations)	25 NTU <sup>4</sup>

<sup>1</sup>Siepmann and Finlayson, 2000; Finlayson, 2004

<sup>2</sup>Fan et al., 2004

<sup>3</sup>Sullivan et al., 2000

<sup>4</sup>Sigler et al., 1984

### ***Exotic/Invasive Species***

On March 30, 2005, the U.S. District Court for the Northern District of California granted summary judgment to the plaintiffs in Northwest Environmental Advocates, et al. vs. USEPA (2005). The suit challenged 30-year old federal regulations that exempted ballast water from the NPDES requirement. The Judge ruled that, among other things, ballast water contains many varieties of pollutants, including "invasive species," which the court held are "biological materials" within the definition of "pollutants" as described in CWA.

When the Listing Policy was developed SWRCB relied on USEPA's 1999 determination that exotic/invasive species did not fall under CWA definition of "pollutant" (SWRCB, 2004c). This position is no longer supported by USEPA in light of the court's ruling.

In developing recommendations for the 2006 section 303(d) list, the provisions of the Listing Policy were applied to the data and information available for exotic/invasive species. At present, no evaluation guidelines are available that can be used to assess the potential for impact from exotic species. However, studies were available in the record that allowed a review of the trends in the presence of some exotic/invasive species and their potential influence on native species. To evaluate these trends, section 3.9 of the Listing Policy was used. In these assessments if native species declined as exotic/invasive species diversity or abundance increased then it was inferred that exotic species contributed to or caused the impacts on native species. Changes in relative diversity and abundance of native species may also be caused by habitat alteration, changes in water flow, or hydromodification.

### ***Affected Area Changes***

For the section 303(d) list, the “size affected” is an estimated value and many of the listings cover very large watersheds. Since 1998 there has been an ongoing effort by SWRCB and RWQCB staff to more clearly represent the affected size of all section 303(d)-listed waters.

The “size affected” values for the 2006 section 303(d) list submittal have been changed in several cases to reflect the more precise measurements obtained from the GIS database (GeoWBS) and to more precisely reflect the spatial extent of where standards are not attained.

Due to our lack of understanding of the full impact of a pollutant until TMDLs are developed, the values for “size affected” may not reflect the true area of impact.

Major changes in the affected area for individual water bodies were described or acknowledged in fact sheets.

### ***Faulty Listings***

During the development of the 2006 section 303(d) list, several listings were reevaluated when it was clear that the original data, guideline, or basis for the listing was “faulty.” Section 4 of the Listing Policy states:

“All listings of water segments shall be removed from the section 303(d) list if the listing was based on faulty data, and it is demonstrated that the listing would not have occurred in the absence of such faulty data. Faulty data include, but are not limited to, typographical errors, improper quality assurance/quality control procedures, or limitations related to the analytical methods that would lead to improper conclusions regarding the water quality status of the segment.”

In addition to these factors waters and pollutants were recommended for removal from the list if:

- Data or information to support the original listing simply does not exist.
- Information justifying the original listing was anecdotal.
- The evaluation guideline used originally would lead to improper conclusions regarding the status of the water segment. An evaluation guideline that does not satisfy the requirements of section 6.1.3 of the Listing Policy would lead to an improper conclusion. If data were reanalyzed using a defensible guideline, the water body-pollutant combination was

considered for listing as if it had never been listed before (i.e., section 3 of the Listing Policy was used). This approach was used to avoid requiring a large burden of proof to delist a water body pollutant combination if the original listing was found to be baseless in terms of Listing Policy procedures.

### **TMDL Scheduling**

A schedule is recommended for waters on the section 303(d) list that identifies the TMDLs that will be established within the current listing cycle and the number of TMDLs scheduled to be developed thereafter.

For water quality limited segments needing a TMDL, a completion schedule was developed (in compliance with federal law and regulation) based on the following Listing Policy provisions:

- Water body significance (such as importance and extent of beneficial uses, threatened and endangered species concerns, and size of water body);
- Degree that water quality objectives are not met or beneficial uses are not attained or threatened (such as the severity of the pollution or number of pollutants/stressors of concern) [40 CFR 130.7(b)(4)];
- Degree of impairment;
- Potential threat to human health and the environment;
- Water quality benefits of activities ongoing in the watershed;
- Potential for beneficial use protection and recovery;
- Degree of public concern;
- Availability of funding; and
- Availability of data and information to address the water quality problem.

The recommendation for TMDL completion is the year that RWQCB will adopt the TMDL. In some circumstances TMDLs have been adopted by RWQCBs in the past but the approvals from SWRCB or USEPA are pending. In these cases, the water body-pollutant combination will remain in the Water Quality Limited Segments category of the section 303(d) list. For those TMDLs that have been developed and approved by USEPA and the implementation plan has been approved, the water body and pollutant was placed in the Water Quality Limited Segments Being Addressed category of the section 303(d) list.

TMDLs with completion dates prior to the next list update (scheduled currently for 2008) already have resources dedicated to the effort. Schedules for non-consent decree TMDLs scheduled to be completed after 2008 should be considered tentative. Changes to the section 303(d) list in the future could result in substantial changes to scheduled completion dates established for completion after 2008.

### **Public Participation**

The SWRCB has scheduled public workshops to receive comment on the proposed section 303(d) list. The first workshop will be held in southern California (on December 1, 2005) and the second workshop will be held in northern California (on December 6, 2005). The SWRCB staff will respond in writing to all comments received.

## **Additions, Deletions, and Changes**

The basis for the 2006 section 303(d) list is the 2002 list (Appendix 1). All listings in 2002 section 303(d) list will remain unless a change is recommended in this staff report. A summary of the number recommendations to add or delete waters and pollutants on the section 303(d) list is presented in Table 5. It is recommended that SWRCB add 464 water quality limited segments (water body-pollutant combinations) to the section 303(d) list. It is further recommended that 177 water body-pollutant combinations be removed from the section 303(d) list. The additions and deletions are presented in Tables 6 and 7, respectively. Several changes to the affected area for a variety of listings are also recommended (Table 8). Each of these proposed changes are documented in fact sheets contained in Volumes II and III of this staff report.

TABLE 5: SUMMARY OF RECOMMENDATIONS FOR LISTING AND DELISTING.

Region	Numbers of Recommendations to	
	List	Delist
North Coast (1)	11	6
San Francisco Bay (2)	40	22
Central Coast (3)	71	20
Los Angeles (4)	92	95
Central Valley (5)	46	4
Lahontan (6)	8	24
Colorado River Basin (7)	29	0
Santa Ana (8)	45	1
San Diego (9)	122	5
Statewide	464	177

The 2002 section 303(d) list has 1,883 water body-pollutant combinations. With the recommendations presented in Table 5, the section 303(d) would increase by 287 water quality limited segments.

## **Schedules**

In developing the 2006 section 303(d) submittal, the staff reassessed the priorities established in the 2002 section 303(d) list. Based on budgeted resources currently available and the factors presented in section 5 of the Listing Policy, SWRCB staff recommends the schedules for completion of TMDLs in Table 9. All other waters, not presented in Table 9, are recommended for completion by 2019.

## **Administrative Record**

The administrative record contains all data and information used in the development of the 2006 section 303(d) list. Copies of the staff documents supporting the 2006 list submittal are posted on the SWRCB website at:

[http://www.waterboards.ca.gov/tmdl/303d\\_update.html](http://www.waterboards.ca.gov/tmdl/303d_update.html)

The administrative record supporting the proposed 2006 section 303(d) list is housed in the Division of Water Quality, State Water Resources Control Board, 1001 I Street, 15<sup>th</sup> Floor, Sacramento, California. To make an appointment to review the record, please call Mr. Randal Yates at (916) 341-5533.

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TABLE 6: ADDITIONS TO THE SECTION 303(D) LIST.

Region	Water Segment	Pollutant
1	Bodega HU, Bodega Harbor HA	Exotic Species
	Clair Engle Lake	Mercury
	Klamath River HU, Lower HA, Klamath Glen HSA	Sedimentation/Siltation
	Mendocino Coast HU, Albion River HA, Albion River	Temperature, water
	Mendocino Coast HU, Garcia River HA, Garcia River	Sediment
	Mendocino Coast HU, Noyo River HA, Noyo River	Temperature, water
	Mendocino Coast HU, Noyo River HA, Pudding Creek	Temperature, water
	Russian River HU, Lower Russian River HA, Guerneville HSA	pH
	Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA	Specific Conductance
	Russian River HU, Middle Russian River HA, Laguna de Santa Rosa	Mercury
	Russian River HU, Middle Russian River HA, Santa Rosa Creek	Specific Conductance
2	Anderson Reservoir	Mercury Polychlorinated biphenyls
	Bon Tempe Reservoir	Mercury
	Del Valle Reservoir	Mercury Polychlorinated biphenyls
	Hill Slough	Mercury
	Islais Creek	Sediment Bioassays for Estuarine and Marine Water
	Lafayette Reservoir	Mercury Polychlorinated biphenyls
	Lake Chabot (Solano Co)	Chlordane DDT Dieldrin Mercury Polychlorinated biphenyls
	Napa River	Mercury

Region	Water Segment	Pollutant
	Nicasio Reservoir	Mercury
	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	Sediment Bioassays for Estuarine and Marine Water
	Pacific Ocean at Pillar Point	Mercury
	San Leandro Bay (part of SF Bay, Central)	Chlordane Dieldrin
	San Pablo Reservoir	Chlordane Dieldrin Heptachlor epoxide Polychlorinated biphenyls Toxaphene
	Shadow Cliffs Reservoir	Mercury Polychlorinated biphenyls
	Soulejule Reservoir	Mercury Polychlorinated biphenyls
	Stege Marsh	Chlordane Copper Dieldrin Mercury Polychlorinated biphenyls Zinc
	Stevens Creek	Chlordane Dieldrin Mercury Polychlorinated biphenyls Toxicity
3	Arroyo Paredon	Boron Nitrate as Nitrate (NO3) Toxicity
	Bell Creek (Santa Barbara Co)	Nitrate as Nitrate (NO3)
	Bradley Canyon Creek	Ammonia (Unionized) - Toxin Nitrate as Nitrate (NO3)
	Bradley Channel	Nitrate as Nitrate (NO3)
	Canada De La Gaviota	Boron
	Carbonera Creek	Nutrients
	Carneros Creek	Ammonia (Unionized) - Toxin

Region	Water Segment	Pollutant
	Casmalia Canyon Creek	Sedimentation/Siltation
	Chorro Creek	Oxygen, Dissolved Sedimentation/Siltation
	Cuyama River	Boron
	Franklin Creek	Nitrate as Nitrate (NO3)
	Gabilan Creek	Nitrate as Nitrate (NO3)
	Glen Annie Canyon	Nitrate as Nitrate (NO3)
	Llagas Creek	Nitrate as Nitrate (NO3)
	Lompico Creek	Nutrients
	Los Osos Creek	Fecal Coliform Sediment
	Main Street Canal	Ammonia (Unionized) - Toxin
	Moro Cojo Slough	Ammonia (Unionized) - Toxin
	Morro Bay	Arsenic Oxygen, Dissolved Pathogens Sedimentation/Siltation
	Natividad Creek	Nitrate as Nitrate (NO3)
	Old Salinas River Estuary	Ammonia (Unionized) - Toxin
	Orcutt Creek	Ammonia (Unionized) - Toxin Chlorpyrifos DDT Dieldrin
	Oso Flaco Creek	Ammonia (Unionized) - Toxin
	Oso Flaco Lake	Dieldrin
	Pajaro River	Boron
	Pennington Creek	Fecal Coliform
	Prefumo Creek	Nitrate as Nitrate (NO3)
	Quail Creek	Nitrate as Nitrate (NO3)
	Rincon Creek	Boron Toxicity
	Salinas Reclamation Canal	

Region	Water Segment	Pollutant
	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Ammonia (Unionized) - Toxin
	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	Nitrate as Nitrate (NO3) Toxaphene
	San Benito River	Ammonia as Nitrogen Boron Nitrogen, Nitrite
	San Bernardo Creek	Fecal Coliform
	San Diego Creek	Fecal Coliform
	San Lorenzo Creek	Toxaphene
	San Lorenzo River	Fecal Coliform
	San Luis Obispo Creek	Nutrients Sediment
	San Luisito Creek	Nitrate as Nitrate (NO3)
	San Vicente Creek	Total Fecal Coliform
	Santa Maria River	Turbidity
	Santa Rita Creek (San Luis Obispo County)	Ammonia (Unionized) - Toxin Chlorpyrifos DDT Dieldrin Endrin
	Santa Ynez River (below city of Lompoc to Ocean)	Nitrate as Nitrate (NO3)
	Shingle Mill Creek	Nitrate as Nitrate (NO3)
	Shuman Canyon Creek	Nutrients
	Soda Lake	Sedimentation/Siltation
	Tembladero Slough	Ammonia (Unionized) - Toxin
	Warden Creek	Ammonia (Unionized) - Toxin
4	Aliso Canyon Wash	Fecal Coliform
	Ballona Creek	Bacteria Indicators Copper
		Cyanide

Region	Water Segment	Pollutant
	Ballona Creek Estuary	Trash
	Burbank Western Channel	Copper
	Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	Ammonia Copper Cyanide Fecal Coliform Nitrite Zinc
	Coyote Creek	Chlordane DDT Dieldrin Toxaphene
	Dominguez Channel (lined portion above Vermont Ave)	Ammonia Cyanide Diazinon Nitrogen, Nitrite pH
	Dominguez Channel Estuary (unlined portion below Vermont Ave)	Aluminum Enterococcus Zinc
	Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	Benzo(a)pyrene (PAHs) Chrysene (C1-C4) Phenanthrene Polychlorinated biphenyls Pyrene
	Echo Park Lake	Chlordane DDT Toxaphene
	Lake Lindero	Trash
	Leo Carillo Beach (South of County Line)	Selenium
	Lincoln Park Lake	Coliform Bacteria
	Los Angeles Harbor - Cabrillo Marina	Trash
	Los Angeles Harbor - Inner Cabrillo Beach Area	DDT Polychlorinated biphenyls
		Bacteria Indicators Copper DDT

Region	Water Segment	Pollutant
	Los Angeles River Estuary (Queensway Bay)	Polychlorinated biphenyls
	Los Angeles River Reach 1 (Estuary to Carson Street)	Trash Cyanide Diazinon Nutrients (Algae) Trash
	Los Angeles River Reach 2 (Carson to Figueroa Street)	Trash
	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	Ammonia Trash
	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	Trash
	Los Angeles River Reach 5 ( within Sepulveda Basin)	Trash
	Los Angeles/Long Beach Inner Harbor	Copper DDT Polychlorinated biphenyls Zinc
	Los Angeles/Long Beach Outer Harbor (inside breakwater)	DDT
	Los Cerritos Channel	Aluminum Bis(2ethylhexyl)phthalate
	Malibu Creek	Aluminum Selenium Sulfates
	Marina del Rey Harbor - Back Basins	Sediment Bioassays for Estuarine and Marine Water
	Peck Road Park Lake	Trash
	Piru Creek (from gaging station below Santa Felicia Dam to headwaters)	Chloride
	Port Hueneme Pier	Polychlorinated biphenyls
	Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Ammonia
	San Gabriel River Estuary	Ammonia as Nitrogen
	San Gabriel River Reach 1 (Estuary to Firestone)	Ammonia pH
	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	Aluminum

Region	Water Segment	Pollutant
	San Gabriel River, East Fork	Ammonia
	San Jose Creek Reach 1 (SG Confluence to Temple St.)	Trash
	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	Ammonia
	Santa Clara River Reach 1 (Estuary to Hwy 101 Bridge)	Ammonia
	Santa Clara River Reach 11 (Piru Creek, from confluence with Santa Clara River Reach 4 to gaging station below Santa Felicia Dam)	Toxicity
	Santa Clara River Reach 5 (Blue Cut gaging station to West Pier Hwy 99 Bridge) (was named Santa Clara River Reach 7 on 2002 303(d) lists)	Boron Sulfates
	Santa Clara River Reach 6 (W Pier Hwy 99 to Bouquet Cyn Rd) (was named Santa Clara River Reach 8 on 2002 303(d) lists)	Aluminum Ammonia Chloride Diazinon Polychlorinated biphenyls
	Sawpit Creek	Ammonia Chloride Chlorpyrifos Diazinon Nitrogen, Nitrite Toxicity
	Ventura Marina Jetties	Bis(2ethylhexyl)phthalate Fecal Coliform
		DDT Polychlorinated biphenyls
5	American River, South Fork	
	Bear River (Amador Co, Lower Bear River Reservoir to Mokelumne River, N Fork)	Mercury
	Carson Creek (from WWTP to Deer Creek)	Copper
	Clear Lake	Aluminum Copper Manganese
	Cosumnes River	Mercury
	Deer Creek (Sacramento County)	Exotic Species
		Iron

Region	Water Segment	Pollutant
	Del Puerto Creek	Pyrethroid
	Delta Waterways (Stockton Ship Channel)	Exotic Species
	Delta Waterways (central portion)	Exotic Species
	Delta Waterways (eastern portion)	Exotic Species
	Delta Waterways (export area)	Exotic Species
	Delta Waterways (northern portion)	DDT Exotic Species Mercury Polychlorinated biphenyls
	Delta Waterways (northwestern portion)	Exotic Species
	Delta Waterways (southern portion)	DDT Exotic Species
	Delta Waterways (western portion)	Exotic Species
	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	Chlorpyrifos
	Feather River, North Fork (below Lake Almanor)	Mercury Temperature, water
	Grasslands Marshes	Selenium
	Grayson Drain (at outfall)	Sediment Bioassays -- Chronic Toxicity -- Freshwater
	Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)	Pyrethroid
	Ingram Creek (from confluence with San Joaquin River to confluence with Hospital Creek)	Pyrethroid
	Kaweah Lake	Mercury
	Lower Bear River Reservoir	Copper
	Main Drainage Canal	Diazinon
	Merced River, Lower (McSwain Reservoir to San Joaquin River)	Mercury
	Mokelumne River, North Fork	Copper
	Morrison Creek	Chlorpyrifos
	Natoma, Lake	Mercury

Region	Water Segment	Pollutant
	Orestimba Creek (below Kilburn Road)	Sediment Bioassays -- Chronic Toxicity -- Freshwater
	Sacramento River (Keswick Dam to Cottonwood Creek)	Cadmium Copper Zinc
	Sacramento River ( Red Bluff to Knights Landing)	Mercury
	Salt Slough (upstream from confluence with San Joaquin River)	Selenium
	San Joaquin River (Friant Dam to Mendota Pool)	Exotic Species
	San Joaquin River (Merced River to Tuolumne River)	Selenium
	Sugar Pine Creek (tributary to Lower Bear River Reservoir)	Copper
	Wadsworth Canal	Diazinon
	Willow Creek (Madera County)	Temperature, water
6	Crowley Lake	Ammonia Oxygen, Dissolved
	Heavenly Valley Creek (source to USFS boundary)	Sedimentation/Siltation
	Indian Creek Reservoir	Phosphorus
	Mono Lake	Salinity/TDS/Chlorides
	Searles Lake	Petroleum Products Salinity/TDS/Chlorides
	Susan River	Mercury
7	Alamo River	Chlorpyrifos DDT Dieldrin Polychlorinated biphenyls Sedimentation/Siltation Toxaphene
	All American Canal	Specific Conductance Sulfates Total Dissolved Solids
	Coachella Valley Storm Channel	Toxaphene
	Colorado River (Imperial Reservoir to California-	

Region	Water Segment	Pollutant
	Mexico Border)	Manganese Selenium
	Imperial Valley Drains	DDT Dieldrin Endosulfan Polychlorinated biphenyls Toxaphene
	New River (Imperial)	Chlordane Chlorpyrifos DDT Diazinon Dieldrin Mercury Pathogens Polychlorinated biphenyls Selenium Toxaphene Toxicity
	Palo Verde Outfall Drain	DDT
8	Anaheim Bay	Polychlorinated biphenyls Toxicity
	Balboa Beach	DDT Dieldrin Polychlorinated biphenyls
	Big Bear Lake	Mercury Polychlorinated biphenyls
	Elsinore, Lake	Polychlorinated biphenyls
	Huntington Beach State Park	Polychlorinated biphenyls
	Huntington Harbour	Chlordane Lead Toxicity
	Newport Bay, Lower	Chlorpyrifos Copper DDT Diazinon Fecal Coliform Nutrients Polychlorinated biphenyls Sedimentation/Siltation
	Newport Bay, Upper (Ecological Reserve)	Chlorpyrifos Copper

Region	Water Segment	Pollutant
		DDT
		Diazinon
		Fecal Coliform
		Nutrients
		Polychlorinated biphenyls
		Sedimentation/Siltation
	Peters Canyon Channel	
		DDT
		Toxaphene
	Rhine Channel	
		Copper
		Lead
		Mercury
		Polychlorinated biphenyls
	San Diego Creek Reach 1	
		Fecal Coliform
		Nutrients
		Sedimentation/Siltation
		Selenium
		Zinc
	San Diego Creek Reach 2	
		Diazinon
		Nutrients
		Sedimentation/Siltation
		Unknown Toxicity
	Santa Ana Delhi Channel	
		Toxaphene
	Seal Beach	
		Polychlorinated biphenyls
9	Agua Hedionda Creek	
		Manganese
		Selenium
		Sulfates
	Barrett Lake	
		Color
		Manganese
		pH (high)
	Batiquitos Lagoon	
		Phosphorus
	Buena Creek	
		DDT
		Nitrate and Nitrite
		Phosphate
		Sulfates
	Buena Vista Creek	
		Sediment Bioassays -- Chronic Toxicity -- Freshwater
		Total Dissolved Solids
	Cottonwood Creek (in west San Diego County)	
		DDT
		Phosphorus
		Sediment Bioassays -- Chronic Toxicity -- Freshwater

Region	Water Segment	Pollutant
	De Luz Creek	Iron Manganese Sulfates
	Del Dios Creek	Sulfates
	El Capitan Lake	Antimony Beryllium Color Manganese Total Dissolved Solids pH (high)
	Encinitas Creek	Phosphorus
	English Canyon	Benzo[b]fluoranthene Dieldrin Sediment Bioassays -- Chronic Toxicity -- Freshwater
	Escondido Creek	DDT Manganese Phosphate Selenium Sulfates Total Dissolved Solids
	Felicita Creek	Aluminum
	Forester Creek	Oxygen, Dissolved Phosphorus
	Green Valley Creek	Chloride Manganese Pentachlorophenol (PCP)
	Hodges, Lake	Manganese Turbidity pH (high)
	Kit Carson Creek	Pentachlorophenol (PCP)
	Laguna Canyon Channel	Sediment Bioassays -- Chronic Toxicity -- Freshwater
	Loma Alta Creek	Total Dissolved Solids
	Long Canyon Creek	Total Dissolved Solids
	Los Penasquitos Creek	Phosphate Total Dissolved Solids
	Loveland Reservoir	Aluminum

Region	Water Segment	Pollutant
	Miramar Reservoir	Manganese Oxygen, Dissolved
	Morena Reservoir	Sulfates Total Dissolved Solids
	Murray Reservoir	Color Manganese pH (high)
	Murrieta Creek	Total Dissolved Solids pH
	Oso Creek (at Mission Viejo Golf Course)	Arsenic Copper Iron Manganese Nitrogen Zinc
	Otay Reservoir, Lower	Chloride Sulfates Total Dissolved Solids
	Pacific Ocean Shoreline, Imperial Beach Pier	Color Iron Manganese Nitrogen, ammonia (Total Ammonia) pH (high)
	Pine Valley Creek (Upper)	Polychlorinated biphenyls
	Pogi Canyon Creek	Phosphorus Turbidity
	Rainbow Creek	DDT
	Reidy Canyon Creek	Iron Sulfates Total Dissolved Solids
	San Diego Bay	Phosphorus Turbidity
	San Diego Bay Shoreline, Chula Vista Marina	Polychlorinated biphenyls
	San Diego Bay Shoreline, at Americas Cup Harbor	Copper
	San Diego Bay Shoreline, at Coronado Cays	Copper
	San Diego Bay Shoreline, at Glorietta Bay	Copper
	San Diego Bay Shoreline, at Harbor Island (East Basin)	Copper

Region	Water Segment	Pollutant
	San Diego Bay Shoreline, at Harbor Island (West Basin)	Copper
	San Diego Bay Shoreline, at Marriot Marina	Copper
	San Juan Creek	Copper
	San Marcos Creek	DDE
	San Marcos Lake	DDE Phosphorus Sediment Bioassays -- Chronic Toxicity -- Freshwater
	San Vicente Reservoir	Ammonia as Nitrogen Nutrients Phosphorus Total Dissolved Solids
	Sandia Creek	Chloride Color Manganese Sulfates Total Dissolved Solids pH (high)
	Santa Margarita River (Lower)	Iron Manganese Nitrogen Sulfates
	Soledad Canyon	Mercury
	Sutherland Reservoir	Sediment Bioassays -- Chronic Toxicity -- Freshwater
	Sweetwater Reservoir	Manganese pH (high)
	Tecolote Creek	Oxygen, Dissolved Total Dissolved Solids
	Temecula Creek	Phosphorus Turbidity
	Tijuana River Estuary	Nitrogen Phosphorus Total Dissolved Solids
		Turbidity

TABLE 7: DELETIONS FROM THE SECTION 303(D) LIST.

Region	Water Segment	Pollutant
1	Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	Nutrients Temperature, water
	Klamath River HU, Salmon River HA	Nutrients
	Russian River HU, Lower Russian River HA, Guerneville HSA	Turbidity
	Russian River HU, Middle Russian River HA, Laguna de Santa Rosa	Nitrogen Phosphorus
2	Carquinez Strait	Diazinon
	Central Basin, San Francisco (part of SF Bay, Central)	Diazinon
	Islais Creek	Endosulfan sulfate
	Mission Creek	Chlorpyrifos Chromium (total) Copper Mirex
	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	Diazinon
	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	Chlorpyrifos Diazinon Mirex Tributyltin TBT (Tributylstanne) ppDDE
	Sacramento San Joaquin Delta	Diazinon
	San Francisco Bay, Central	Diazinon
	San Francisco Bay, Lower	Diazinon
	San Francisco Bay, South	Diazinon
	San Leandro Bay (part of SF Bay, Central)	DDT Diazinon Selenium
	San Pablo Bay	Diazinon
	Suisun Bay	

Region	Water Segment	Pollutant
		Diazinon
3	Blosser Channel	
	Carpinteria Marsh (El Estero Marsh)	Fecal Coliform
	Chumash Creek	Sedimentation/Siltation
	Espinosa Slough	Oxygen, Dissolved
	Goleta Slough/Estuary	Nutrients
	Monterey Bay South (Coastline)	Metals Sedimentation/Siltation
	Morro Bay	Metals Pesticides
	Salinas Reclamation Canal	Metals
	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Nitrogen, Nitrate
	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	Sedimentation/Siltation
	Salinas River Lagoon (North)	Sedimentation/Siltation
	Salinas River Refuge Lagoon (South)	Sedimentation/Siltation
	San Antonio Creek (South Coast Watershed)	Nutrients Pesticides Salinity/TDS/Chlorides
	San Luis Obispo Creek (Below W Marsh Street)	Sedimentation/Siltation
	Waddell Creek, East Branch	Priority Organics
	Watsonville Slough	Nutrients
		Sedimentation/Siltation
4	Abalone Cove Beach	
	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Beach Closures
	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Excess Algal Growth
	Ballona Creek	Excess Algal Growth
		Cadmium ChemA Chlordane DDT Dieldrin Lead

Region	Water Segment	Pollutant
		PCBs (dioxin-like)
		Sediment Bioassays for Estuarine and Marine Water
		Selenium
		Silver
		Zinc
		pH
	Bluff Cove Beach	
	Burbank Western Channel	Beach Closures
		Cadmium
		Excess Algal Growth
		Foam/Flocs/Scum/Oil Slicks
		Taste and odor
	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	
		Excess Algal Growth
	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)	
		Excess Algal Growth
	Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	
		Excess Algal Growth
	Carbon Beach	
		Beach Closures
	Coyote Creek	
		Abnormal Fish Histology (Lesions)
		Excess Algal Growth
		Selenium
		Zinc
	Dockweiler Beach	
		Beach Closures
	Dominguez Channel (lined portion above Vermont Ave)	
		Aldrin
		ChemA
		Chlordane
		DDT
		Dieldrin
	Dominguez Channel Estuary (unlined portion below Vermont Ave)	

Region	Water Segment	Pollutant
		Aldrin
		ChemA
		Chlordane
		Chromium (total)
		DDT
		Dieldrin
		Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)
	Escondido Beach	Beach Closures
	Flat Rock Point Beach Area	Beach Closures
	Hermosa Beach	Beach Closures
	Inspiration Point Beach	Beach Closures
	La Costa Beach	Beach Closures
	Las Tunas Beach	Beach Closures
	Los Angeles Harbor - Consolidated Slip	Beach Closures
		Dieldrin
		Nickel
		Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)
	Los Angeles River Estuary (Queensway Bay)	DDT
	Los Angeles River Reach 1 (Estuary to Carson Street)	Cadmium
	Los Angeles River Reach 2 (Carson to Figueroa Street)	Foam/Flocs/Scum/Oil Slicks Nutrients (Algae) Taste and odor
	Los Angeles/Long Beach Outer Harbor (inside breakwater)	Polychlorinated biphenyls
	Lunada Bay Beach	Beach Closures
	Malaga Cove Beach	Beach Closures
	Malibu Beach	Beach Closures
	Manhattan Beach	Beach Closures
	Nicholas Canyon Beach	Beach Closures
	Ormond Beach	Bacteria Indicators
	Point Dume Beach	Beach Closures
	Point Fermin Park Beach	Beach Closures
	Point Vicente Beach	Beach Closures

Region	Water Segment	Pollutant
	Portuguese Bend Beach	Beach Closures
	Puerco Beach	Beach Closures
	Resort Point Beach	Beach Closures
	Rocky Point Beach	Beach Closures
	Royal Palms Beach	Beach Closures
	San Buenaventura Beach	Bacteria Indicators
	San Gabriel River Estuary	Abnormal Fish Histology (Lesions)
	San Gabriel River Reach 1 (Estuary to Firestone)	Abnormal Fish Histology (Lesions) Excess Algal Growth Toxicity
	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	Lead Zinc
	San Jose Creek Reach 1 (SG Confluence to Temple St.)	Excess Algal Growth
	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	Excess Algal Growth
	Sea Level Beach	Beach Closures
	Topanga Beach	Beach Closures
	Torrance Beach	Beach Closures
	Trancas Beach (Broad Beach)	Beach Closures
	Tujunga Wash (LA River to Hansen Dam)	Foam/Flocs/Scum/Oil Slicks Taste and odor
	Venice Beach	Beach Closures
	Ventura River Estuary	Fecal Coliform
	Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	Excess Algal Growth
	Verdugo Wash Reach 2 (Above Verdugo Road)	Excess Algal Growth
	Whites Point Beach	Beach Closures
	Will Rogers Beach	Beach Closures
	Zuma Beach (Westward Beach)	Beach Closures
5	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	

Region	Water Segment	Pollutant
	Morrison Creek	Diazinon
	Sacramento River (Knights Landing to the Delta)	Diazinon
	Sutter Bypass	Diazinon
6	Aurora Canyon Creek	Diazinon
	Bear Creek (Placer County)	Habitat alterations
	Cinder Cone Springs	Sedimentation/Siltation
	Clark Canyon Creek	Nitrate as Nitrate (NO3) Salinity/TDS/Chlorides
	Cottonwood Creek (below LADWP diversion)	Habitat alterations
	Crowley Lake	Flow alterations
	Goodale Creek	Nitrogen Phosphorus
	Green Creek	Sedimentation/Siltation
	Green Valley Lake Creek	Habitat alterations
	Honey Lake Wildfowl Management Ponds	Priority Organics
	Horseshoe Lake (San Bernardino County)	Flow alterations
	Indian Creek (Alpine County)	Sedimentation/Siltation
	Lassen Creek	Habitat alterations
	Lee Vining Creek	Flow alterations
	Mill Creek (Modoc County)	Flow alterations
	Pine Creek (Lassen County)	Sedimentation/Siltation
	Rough Creek	Sedimentation/Siltation
	Skedaddle Creek	Habitat alterations
	Tinemaha Reservoir	Coliform Bacteria
	Topaz Lake	Copper
	Tuttle Creek	Sedimentation/Siltation
	West Walker River	Habitat alterations
		Sedimentation/Siltation

Region	Water Segment	Pollutant
8	Elsinore, Lake	Sedimentation/Siltation
9	Chollas Creek	Cadmium
	Mission Bay Shoreline	Bacteria Indicators
	Pacific Ocean Shoreline, Miramar Reservoir HA	Bacteria Indicators
	Pacific Ocean Shoreline, Scripps HA	Bacteria Indicators
	San Diego Bay Shoreline, Chula Vista Marina	Bacteria Indicators

TABLE 8: AFFECTED AREA CHANGES IN THE SECTION 303(D) LIST.

Region	Water Segment
2	San Francisco Bay, Lower
	San Francisco Bay, South
3	Alamo Creek
	Los Osos Creek
	Orcutt Creek
	Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)
	Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)
	Pacific Ocean at Jalama Beach (Santa Barbara County)
	Rider Creek
	Salinas Reclamation Canal
4	Dominguez Channel (lined portion above Vermont Ave)
	Dominguez Channel Estuary (unlined portion below Vermont Ave)
	Los Angeles Harbor - Cabrillo Marina
	Los Angeles Harbor - Consolidated Slip
	Los Angeles Harbor - Fish Harbor
	Los Angeles Harbor - Inner Cabrillo Beach Area
	Los Angeles/Long Beach Inner Harbor
	Los Angeles/Long Beach Outer Harbor (inside breakwater)
	San Pedro Bay Near/Off Shore Zones
5	Delta Waterways (Stockton Ship Channel)
	Delta Waterways (eastern portion)
	Delta Waterways (western portion)
	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)

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Region Water Segment

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Marsh Creek (Marsh Creek Reservoir to San Joaquin River)

Salt Slough (upstream from confluence with San Joaquin River)

9

Chollas Creek

Green Valley Creek

Kit Carson Creek

Mission Bay Shoreline

Pacific Ocean Shoreline, San Diego HU

San Diego River (Lower)

Santa Margarita River (Upper)

Tijuana River

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TABLE 9: SCHEDULES FOR COMPLETION OF TOTAL MAXIMUM DAILY LOADS.

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
1	Albion River Sediment	Albion River, Mendocino Coast HU, Albion River HA	Sedimentation/Siltation	2004
	Big River Sediment	Big River, Mendocino Coast HU, Big River HA	Sedimentation/Siltation	2004
	Eel River South Fork Sediment	Eel River, South Fork, Eel River HU, South Fork HA	Sedimentation/Siltation	2004
	Eel River, Middle Fork Sediment	Eel River, Middle Fork, Eel River HU, North Fork HA	Sedimentation/Siltation	2004
	Eel River, North Fork Sediment	Eel River, North Fork, Eel River HU, North Fork HA	Sedimentation/Siltation	2004
	Gualala River Sediment	Gualala River, Mendocino Coast HU, Gualala River HA	Sedimentation/Siltation	2004
	Klamath River	Klamath River, Klamath River HU, Lower HA, Klamath Glen HSA	Nutrients	2006
			Organic Enrichment/Low Dissolved Oxygen Temperature	2006
		Klamath River, Klamath River HU, Middle HA, Iron Gate Dam to Scott River	Nutrients	2006
			Organic Enrichment/Low Dissolved Oxygen Temperature	2006
		Klamath River, Klamath River HU, Middle HA, Oregon to Iron Gate	Nutrients	2006
			Organic Enrichment/Low Dissolved Oxygen Temperature	2006
		Klamath River, Klamath River HU, Middle HA, Scott River to Trinity River	Nutrients	2006
			Organic Enrichment/Low Dissolved Oxygen	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Laguna de Santa Rosa TMDL	Laguna de Santa Rosa, Russian River HU, Middle Russian River HA	Temperature Low Dissolved Oxygen	2006 2008
	Lower Lost River	Klamath River, Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	Temperature Nutrients	2008 2006
		Tule Lake and Lower Klamath Lake National Wildlife Refuge (Klamath River HU)	Temperature pH (high)	2006 2006
	Mattole Sediment	Mattole River, Cape Mendocino HU, Mattole River HA	Sedimentation/Siltation	2004
	Middle Fork Eel River	Eel River, Middle Fork, Eel River HU, Middle Fork HA	Sedimentation/Siltation	2007
	Navarro River Sediment	Navarro River Delta, Mendocino Coast HU, Navarro River HA	Sedimentation/Siltation	2004
		Navarro River, Mendocino Coast HU	Sedimentation/Siltation	2004
	Noyo River Sediment	Noyo River, Mendocino Coast HU, Noyo River HA	Sedimentation/Siltation	2004
	Redwood Creek	Redwood Creek, Redwood Creek HU	Sedimentation/Siltation	2004
	Russian River Pathogens	Russian River, Russian River HU, Lower Russian River HA, Guerneville HSA	Pathogens	2008
	Salmon River	Klamath River, Klamath River HU, Salmon River HA	Temperature	2005
	Santa Rosa Creek Pathogens	Santa Rosa Creek, Russian River HU, Middle Russian River HA	Pathogens	2008
	Scott River	Scott River, Klamath River HU, Scott River HA	Sedimentation/Siltation	2005
	Shasta River	Shasta River, Klamath River HU, Shasta River HA	Temperature Organic Enrichment/Low Dissolved Oxygen	2005 2006
	Ten Mile Sediment	Ten Mile River, Mendocino Coast HU,	Temperature Sedimentation/Siltation	2006 2004

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Rockport HA, Ten Mile River HSA		
	Trinity River Sediment	Trinity River, East Fork, Trinity River HU, Upper HA	Sedimentation/Siltation	2004
		Trinity River, South Fork, Trinity River HU, South Fork HA	Sedimentation/Siltation	2004
		Trinity River, Trinity River HU, Lower Trinity HA	Sedimentation/Siltation	2004
		Trinity River, Trinity River HU, Middle HA	Sedimentation/Siltation	2004
		Trinity River, Trinity River HU, Upper HA	Sedimentation/Siltation	2004
	Upper Lost River	Klamath River, Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	Nutrients	2004
			Temperature	2004
	Van Duzen River Sediment	Van Duzen River, Eel River HU, Van Duzen River HA	Sedimentation/Siltation	2004
2	Guadalupe River Watershed Mercury	Alamitos Creek	Mercury	2006
		Calero Reservoir	Mercury	2006
		Guadalupe Creek	Mercury	2006
		Guadalupe Reservoir	Mercury	2006
		Guadalupe River	Mercury	2006
	Lagunitas Creek Sediment	Lagunitas Creek	Sedimentation/Siltation	2009
	Napa River Nutrients	Napa River	Nutrients	2007
	Napa River Pathogens	Napa River	Pathogens	2006
	Napa River Sediment	Napa River	Sedimentation/Siltation	2006
	San Francisco Bay Legacy Pesticides	Carquinez Strait	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		Castro Cove, Richmond (San Pablo Basin)	Dieldrin (sediment)	2008
		Central Basin, San Francisco (part of SF Bay, Central)	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		Islais Creek	Chlordane (sediment)	2008
			Dieldrin (sediment)	2008
		Mission Creek	Chlordane (sediment)	2008
			Dieldrin (sediment)	2008

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	Chlordane	2008
			Chlordane (sediment)	2008
			DDT	2008
			Dieldrin	2008
		Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	Chlordane	2008
			Chlordane (sediment)	2008
			DDT	2008
			Dieldrin	2008
			Dieldrin (sediment)	2008
		Richardson Bay	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		Sacramento San Joaquin Delta	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		San Francisco Bay, Central	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		San Francisco Bay, Lower	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		San Francisco Bay, South	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		San Leandro Bay (part of SF Bay, Central)	Chlordane	2008
			Dieldrin	2008
		San Pablo Bay	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		Suisun Bay	Chlordane	2008
			DDT	2008
			Dieldrin	2008
	San Francisco Bay Mercury	Carquinez Strait	Mercury	2006
		Castro Cove, Richmond (San Pablo Basin)	Mercury (sediment)	2006
		Central Basin, San Francisco (part of SF Bay,	Mercury	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Central)		
			Mercury (sediment)	2006
		Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	Mercury	2006
		Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	Mercury	2006
			Mercury (sediment)	2006
		Richardson Bay	Mercury	2006
		Sacramento San Joaquin Delta	Mercury	2006
		San Francisco Bay, Central	Mercury	2006
		San Francisco Bay, Lower	Mercury	2006
		San Francisco Bay, South	Mercury	2006
		San Leandro Bay (part of SF Bay, Central)	Mercury	2006
			Mercury (sediment)	2006
		San Pablo Bay	Mercury	2006
		Suisun Bay	Mercury	2006
San Francisco Bay PCBs		Carquinez Strait	PCBs	2006
		Central Basin, San Francisco (part of SF Bay, Central)	PCBs	2006
		Islais Creek	PCBs (sediment)	2006
		Mission Creek	PCBs (sediment)	2006
		Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	PCBs	2006
			PCBs (sediment)	2006
		Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	PCBs	2006
			PCBs (sediment)	2006
		Richardson Bay	PCBs	2006
		Sacramento San Joaquin Delta	PCBs	2006
		San Francisco Bay, Central	PCBs	2006
		San Francisco Bay, Lower	PCBs	2006
		San Francisco Bay, South	PCBs	2006
		San Pablo Bay	PCBs	2006
		Suisun Bay	PCBs	2006
San Francisco Bay Urban		Alameda Creek	Diazinon	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Creeks Diazinon			
		Arroyo Corte Madera Del Presidio	Diazinon	2005
		Arroyo De La Laguna	Diazinon	2005
		Arroyo Del Valle	Diazinon	2005
		Arroyo Las Positas	Diazinon	2005
		Arroyo Mocho	Diazinon	2005
		Calabazas Creek	Diazinon	2005
		Corte Madera Creek	Diazinon	2005
		Coyote Creek (Marin County)	Diazinon	2005
		Coyote Creek (Santa Clara Co.)	Diazinon	2005
		Gallinas Creek	Diazinon	2005
		Guadalupe River	Diazinon	2005
		Laurel Creek (Solano Co)	Diazinon	2005
		Ledgewood Creek	Diazinon	2005
		Los Gatos Creek (R2)	Diazinon	2005
		Matadero Creek	Diazinon	2005
		Miller Creek	Diazinon	2005
		Mt. Diablo Creek	Diazinon	2005
		Novato Creek	Diazinon	2005
		Permanente Creek	Diazinon	2005
		Petaluma River	Diazinon	2005
		Pine Creek (Contra Costa Co)	Diazinon	2005
		Pinole Creek	Diazinon	2005
		Rodeo Creek	Diazinon	2005
		San Antonio Creek (Marin/Sonoma Co)	Diazinon	2005
		San Felipe Creek	Diazinon	2005
		San Francisquito Creek	Diazinon	2005
		San Leandro Creek, Lower	Diazinon	2005
		San Lorenzo Creek	Diazinon	2005
		San Mateo Creek	Diazinon	2005
		San Pablo Creek	Diazinon	2005
		San Rafael Creek	Diazinon	2005
		Saratoga Creek	Diazinon	2005
		Stevens Creek	Diazinon	2005
		Suisun Slough	Diazinon	2005
		Walnut Creek	Diazinon	2005
		Wildcat Creek	Diazinon	2005
	San Francisquito Creek Watershed	San Francisquito Creek	Sedimentation/Siltation	2007
	Sonoma Creek Nutrients	Sonoma Creek	Nutrients	2007

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Sonoma Creek Pathogens	Sonoma Creek	Pathogens	2006
	Sonoma Creek Sediment	Sonoma Creek	Sedimentation/Siltation	2008
	Tomales Bay Mercury	Tomales Bay	Mercury	2007
	Tomales Bay Pathogens	Lagunitas Creek	Pathogens	2005
		Tomales Bay	Pathogens	2005
	Tomales Bay Sediment	Tomales Bay	Sedimentation/Siltation	2008
	Walker Creek Mercury	Walker Creek	Mercury	2006
	Walker Creek Sediment	Walker Creek	Sedimentation/Siltation	2009
3	Aptos/Valencia Creeks Pathogen TMDL	Aptos Creek	Pathogens	2006
		Valencia Creek	Pathogens	2006
	Aptos/Valencia Sediment	Aptos Creek	Sedimentation/Siltation	2006
				2006
		Valencia Creek	Sedimentation/Siltation	2006
				2006
	Carbonera Creek - Pathogen - Santa Cruz Co.	Carbonera Creek	Pathogens	2006
	Carpinteria Marsh and Goleta Slough, multiple pollutant listing	Carpinteria Marsh (El Estero Marsh)	Nutrients	2015
			Organic Enrichment/Low Dissolved Oxygen	2015
			Priority Organics	2015
		Goleta Slough/Estuary	Pathogens	2015
			Priority Organics	2015
	Chorro Creek Nutrients	Chorro Creek	Nutrients	2005
	Clear Creek -Hernandez Reservoir - Mercury	Clear Creek (San Benito County)	Mercury	2004
		Hernandez Reservoir	Mercury	2004
	Corralitos Creek Pathogens	Corralitos Creek	Fecal Coliform	2006
	Dairy Creek Dissolved Oxygen	Dairy Creek	Low Dissolved Oxygen	2015
	Los Osos Creek Dissolved Oxygen	Los Osos Creek	Low Dissolved Oxygen	2015
	Los Osos Creek Nutrients	Los Osos Creek	Nutrients	2015
	Monterey Harbor -Lead	Monterey Harbor	Metals	2007
	Morro Bay Pathogens TMDL	Chorro Creek	Fecal Coliform	2002
		Chumash Creek	Fecal Coliform	2002
		Dairy Creek	Fecal Coliform	2002
		Los Osos Creek	Fecal Coliform	2002
		Morro Bay	Pathogens	2002
		Pennington Creek	Fecal Coliform	2002
		San Bernardo Creek	Fecal Coliform	2002

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		San Luisito Creek	Fecal Coliform	2002
		Walters Creek	Fecal Coliform	2002
		Warden Creek	Fecal Coliform	2002
	Morro Bay Sediment TMDL	Chorro Creek	Sedimentation/Siltation	2003
		Los Osos Creek	Sedimentation/Siltation	2003
		Morro Bay	Sedimentation/Siltation	2003
	Multiple Listings Llagas Creek (Pajaro R. Fecal coliform)	Llagas Creek	Chloride	2011
			Low Dissolved Oxygen	2011
			Sodium	2011
			Total Dissolved Solids	2011
			pH	2011
	Pajaro River Fecal Coliform TMDL	Llagas Creek	Fecal Coliform	2011
		Pajaro River	Fecal Coliform	2011
		San Benito River	Fecal Coliform	2011
	Pajaro River Nutrients (including Llagas Creek )	Llagas Creek	Nutrients	2005
		Pajaro River	Nutrients	2005
	Pajaro River Siltation/Sedimentation (including San Benito R., Llagas Cr., Rider Gulch Cr.)	Llagas Creek	Sedimentation/Siltation	2005
		Pajaro River	Sedimentation/Siltation	2005
		Rider Gulch Creek	Sedimentation/Siltation	2005
		San Benito River	Sedimentation/Siltation	2005
	Salinas River - fecal coliform	Alisal Creek (Salinas)	Fecal Coliform	2007
		Atascadero Creek (San Luis Obispo County)	Fecal Coliform	2007
		Elkhorn Slough	Pathogens	2007
		Gabilan Creek	Fecal Coliform	2007
		Old Salinas River Estuary	Fecal Coliform	2007
		Salinas Reclamation Canal	Fecal Coliform	2007
		Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Fecal Coliform	2007
		San Lorenzo Creek	Fecal Coliform	2007
		Tembladero Slough	Fecal Coliform	2007
	Salinas River Nutrient TMDL	Alisal Creek (Salinas)	Nitrate	2006
		Old Salinas River Estuary	Nutrients	2006
		Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Nutrients	2006
		Salinas River Lagoon	Nutrients	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date	
		(North)			
	Salinas River, Salinas River Delta and Elkhorn Slough Pesticides	Tembladero Slough	Nutrients	2006	
		Blanco Drain	Pesticides	2006	
		Elkhorn Slough	Pesticides	2006	
		Espinosa Slough	Pesticides	2006	
			Priority Organics	2006	
		Moro Cojo Slough	Pesticides	2006	
		Moss Landing Harbor	Pesticides	2006	
		Old Salinas River Estuary	Pesticides	2006	
		Salinas Reclamation Canal	Pesticides	2006	
			Priority Organics	2006	
		Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Pesticides	2006	
		Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	Pesticides	2006	
		Salinas River Lagoon	Pesticides	2006	
			(North)		
	San Lorenzo River Estuary Pathogen TMDL	Tembladero Slough	Pesticides	2006	
		San Lorenzo River Lagoon	Pathogens	2006	
	San Lorenzo River and Lompico Creek Bacteria TMDLs	Lompico Creek	Pathogens	2006	
		San Lorenzo River	Pathogens	2006	
	San Luis Obispo Creek Nutrients	San Luis Obispo Creek	Nutrients	2004	
			(Below W Marsh Street)	2005	
	San Luis Obispo Creek Pathogen TMDL	San Luis Obispo Creek	Pathogens	2004	
			(Below W Marsh Street)		
	Santa Cruz County Pathogens	Aptos Creek	Pathogens	2007	
		Carbonera Creek	Pathogens	2007	
		Lompico Creek	Pathogens	2007	
		San Lorenzo River	Pathogens	2007	
		San Lorenzo River Lagoon	Pathogens	2007	
		Schwan Lake	Pathogens	2007	
		Soquel Lagoon	Pathogens	2007	
		Valencia Creek	Pathogens	2007	
		Santa Maria and Oso Flaco Fecal Coliform	Alamo Creek	Fecal Coliform	2008
			Blosser Channel	Fecal Coliform	2008

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Bradley Canyon Creek	Fecal Coliform	2008
		Bradley Channel	Fecal Coliform	2008
		Nipomo Creek	Fecal Coliform	2008
		Orcutt Solomon Creek	Fecal Coliform	2008
		Oso Flaco Creek	Fecal Coliform	2008
		Santa Maria River	Fecal Coliform	2008
	Santa Maria and Osos Flaco Nitrate	Main Street Canal	Nitrate	2015
		Orcutt Solomon Creek	Nitrate	2015
		Oso Flaco Creek	Nitrate	2015
		Oso Flaco Lake	Nitrate	2015
		Santa Maria River	Nitrate	2015
	Soquel Lagoon Pathogen TMDL	Soquel Lagoon	Pathogens	2006
	Soquel Lagoon Sediment TMDL	Soquel Lagoon	Sedimentation/Siltation	2011
	Tequisquita Slough Fecal Coliform TMDL	Tequisquita Slough	Fecal Coliform	2011
	Warden Creek Dissolved Oxygen TMDL	Warden Creek	Low Dissolved Oxygen	2015
	Watsonville Slough-Pesticides	Watsonville Slough	Pesticides	2007
	Watsonville Sloughs Pathogen	Watsonville Slough	Pathogens	2006
4	Ballona Creek Coliform (49)	Ballona Creek	Enteric Viruses	2006
			High Coliform Count	2006
		Ballona Creek Estuary	High Coliform Count	2006
			Shellfish Harvesting Advisory	2006
	Ballona Creek Metals (AU #57)	Ballona Creek	Cadmium (sediment)	2005
			Copper, Dissolved	2005
			Lead, Dissolved	2005
			Selenium, Total	2005
			Silver (sediment)	2005
			Toxicity	2005
			Zinc, Dissolved	2005
		Ballona Creek Estuary	Lead (sediment)	2005
			Zinc (sediment)	2005
	Ballona Creek Toxics	Ballona Creek Estuary	Chlordane (tissue & sediment)	2005
			DDT (sediment)	2005
			PAHs (sediment)	2005
			PCBs (tissue & sediment)	2005
			Sediment Toxicity	2005
	Calleguas Creek Chloride (3)	Calleguas Creek Reach 3 (Potrero Road upstream to	Chloride	2002

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		confluence with Conejo Creek on 1998 303d list)		
		Calleguas Creek Reach 6 ( was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	Chloride	2002
		Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	Chloride	2002
		Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	Chloride	2002
		Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	Chloride	2002
		Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	Chloride	2002
	Calleguas Creek Coliform (98)	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 6 ( was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 10 (Conejo Creek (Hill	Fecal Coliform	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)		
		Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	Fecal Coliform	2006
	Calleguas Creek Historic Pesticides (AU #5)	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	Chlordane (tissue)	2005
			DDT (tissue & sediment)	2005
			Endosulfan (tissue)	2005
			Sediment Toxicity	2005
		Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	ChemA (tissue)	2005
			Chlordane (tissue)	2005
			DDT	2005
			Endosulfan (tissue)	2005
			Sediment Toxicity	2005
			Sedimentation/Siltation	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	Sedimentation/Siltation	2005
		Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	ChemA (tissue)	2005
			Chlordane (tissue & sediment)	2005
			DDT (tissue & sediment)	2005
			Dieldrin (tissue)	2005
			Endosulfan (tissue & sediment)	2005
			Sedimentation/Siltation	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	ChemA (tissue)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Chlordane (tissue & sediment)	2005
			DDT (tissue & sediment)	2005
			Dacthal (sediment)	2005
			Dieldrin (tissue)	2005
			Endosulfan (tissue & sediment)	2005
			Sedimentation/Siltation	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 6 ( was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	DDT (sediment)	2005
			Sedimentation/Siltation	2005
		Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	Sedimentation/Siltation	2005
		Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	Sedimentation/Siltation	2005
		Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	ChemA (tissue)	2005
			Chlordane (tissue)	2005
			DDT (tissue)	2005
			Dieldrin (tissue)	2005
			Endosulfan (tissue)	2005
			Hexachlorocyclohexane/ HCH (tissue)	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	ChemA (tissue)	2005
			DDT (tissue)	2005
			Endosulfan (tissue)	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 10 (Conejo Creek (Hill Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk	ChemA (tissue)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		on 1998 303d list)	DDT (tissue)	2005
			Endosulfan (tissue)	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	ChemA (tissue)	2005
			DDT (tissue)	2005
			Endosulfan (tissue)	2005
			Sedimentation/Siltation	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)	Chlordane (tissue)	2005
			DDT (tissue)	2005
		Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	ChemA (tissue)	2005
			DDT (tissue)	2005
			Endosulfan (tissue)	2005
			Toxaphene (tissue & sediment)	2005
		Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	ChemA (tissue)	2005
			Chlordane (tissue)	2005
			DDT (tissue & sediment)	2005
			Sediment Toxicity	2005
			Toxaphene (tissue)	2005
	Calleguas Creek Metals (6)	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	Copper	2006
			Mercury	2006
			Nickel	2006
			Zinc	2006
		Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	Copper, Dissolved	2006
		Calleguas Creek Reach 4	Selenium	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Calleguas Creek Nitrogen	(was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)		
		Calleguas Creek Reach 1	Nitrogen	2002
		(was Mugu Lagoon on 1998 303(d) list)		
		Calleguas Creek Reach 2	Ammonia	2002
		(estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)		
			Nitrogen	2002
		Calleguas Creek Reach 3	Nitrate and Nitrite	2002
		(Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)		
		Calleguas Creek Reach 4	Algae	2002
		(was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)		
			Nitrate as Nitrate (NO3)	2002
			Nitrogen	2002
		Calleguas Creek Reach 5	Algae	2002
		(was Beardsley Channel on 1998 303d list)		
			Nitrogen	2002
	Calleguas Creek Reach 6	Ammonia	2002	
	( was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)			
		Nitrate and Nitrite	2002	
		Nitrate as Nitrate (NO3)	2002	
	Calleguas Creek Reach 7	Ammonia	2002	
	(was Arroyo Simi Reaches 1 and 2 on 1998 303d list)			
	Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	Algae	2002	
		Nitrate as Nitrate (NO3)	2002	
		Nitrate as Nitrogen	2002	
		Nitrite as Nitrogen	2002	
	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	Algae	2002	

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Ammonia	2002
		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)	Algae	2002
			Ammonia	2002
			Nitrite as Nitrogen	2002
		Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	Algae	2002
			Ammonia	2002
		Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)	Ammonia	2002
		Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	Algae	2002
			Ammonia	2002
		Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	Nitrogen	2002
		Fox Barranca (tributary to Calleguas Creek Reach 6)	Nitrate and Nitrite	2002
	Calleguas Creek PCBs (7)	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	PCBs (tissue)	2005
		Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	PCBs (tissue)	2005
		Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	PCBs (tissue)	2005
		Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	PCBs (tissue)	2005
		Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on	PCBs (tissue)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		1998 303d list)		
	Calleguas Creek Toxicity (2)	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	Chlorpyrifos (tissue)  Toxicity	2005  2005
		Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	Chlorpyrifos (tissue)  Toxicity	2005  2005
		Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	Organophosphorus Pesticides	2005
		Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	Toxicity	2005
		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)	Toxicity	2005
		Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	Toxicity	2005
		Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	Toxicity	2005
		Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	Toxicity	2005
	Dominguez Channel	Dominguez Channel (Estuary to Vermont)	High Coliform Count	2007
		Dominguez Channel (above Vermont)	High Coliform Count	2007
		Torrance Carson Channel	High Coliform Count	2007
		Wilmington Drain	High Coliform Count	2007
	Los Angeles Harbor Beaches - Beach Closures	Cabrillo Beach (Inner) LA Harbor Area	Beach Closures (Coliform)	2004
		Los Angeles Harbor Main Channel	Beach Closures	2004
	Los Angeles River	Aliso Canyon Wash	Selenium	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Metals/Toxics			
		Burbank Western Channel	Cadmium	2005
		Compton Creek	Copper	2005
			Lead	2005
		Dry Canyon Creek	Selenium, Total	2005
		Los Angeles River Reach 1 (Estuary to Carson Street)	Aluminum, Total	2005
			Cadmium, Dissolved	2005
			Copper, Dissolved	2005
			Lead	2005
			Zinc, Dissolved	2005
		Los Angeles River Reach 2 (Carson to Figueroa Street)	Lead	2005
		Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	Lead	2005
		McCoy Canyon Creek	Selenium, Total	2005
		Monrovia Canyon Creek	Lead	2005
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Copper	2005
			Lead	2005
			Zinc	2005
		Tujunga Wash (LA River to Hansen Dam)	Copper	2005
Los Angeles River Nitrogen		Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Algae	2003
		Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Algae	2003
		Burbank Western Channel	Algae	2003
			Ammonia	2003
			Odors	2003
			Scum/Foam-unnatural	2003
		Compton Creek	pH	2003
		Los Angeles River Reach 1 (Estuary to Carson Street)	Ammonia	2003
			Nutrients (Algae)	2003
			Scum/Foam-unnatural	2003
			pH	2003
		Los Angeles River Reach 2 (Carson to Figueroa Street)	Ammonia	2003

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Nutrients (Algae)	2003
			Odors	2003
			Scum/Foam-unnatural	2003
		Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	Ammonia	2003
			Nutrients (Algae)	2003
			Odors	2003
			Scum/Foam-unnatural	2003
		Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	Ammonia	2003
			Nutrients (Algae)	2003
			Odors	2003
			Scum/Foam-unnatural	2003
		Los Angeles River Reach 5 ( within Sepulveda Basin)	Ammonia	2003
			Nutrients (Algae)	2003
			Odors	2003
			Scum/Foam-unnatural	2003
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	pH	2003
		Tujunga Wash (LA River to Hansen Dam)	Ammonia	2003
			Odors	2003
			Scum/Foam-unnatural	2003
		Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	Algae	2003
		Verdugo Wash Reach 2 (Above Verdugo Road)	Algae	2003
Los Angeles River Pathogens		Arroyo Seco Reach 1 (LA River to West Holly Ave.)	High Coliform Count	2009
		Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	High Coliform Count	2009
		Bell Creek	High Coliform Count	2009
		Compton Creek	High Coliform Count	2009
		Dry Canyon Creek	Fecal Coliform	2009
		Los Angeles River Reach 1 (Estuary to Carson Street)	High Coliform Count	2009
		Los Angeles River Reach 2 (Carson to Figueroa Street)	High Coliform Count	2009

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	High Coliform Count	2009
		Los Angeles River Reach 6 (Above Sepulveda Flood Control Basin)	High Coliform Count	2009
		McCoy Canyon Creek	Fecal Coliform	2009
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	High Coliform Count	2009
		Rio Hondo Reach 2 (At Spreading Grounds)	High Coliform Count	2009
		Tujunga Wash (LA River to Hansen Dam)	High Coliform Count	2009
		Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	High Coliform Count	2009
		Verdugo Wash Reach 2 (Above Verdugo Road)	High Coliform Count	2009
	Los Angeles River Trash (12)	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Trash	2002
		Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Trash	2002
		Burbank Western Channel	Trash	2002
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Trash	2002
		Tujunga Wash (LA River to Hansen Dam)	Trash	2002
		Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	Trash	2002
		Verdugo Wash Reach 2 (Above Verdugo Road)	Trash	2002
	Malibu Creek Nutrients	Lake Calabasas	Ammonia	2006
		Lake Lindero	Algae	2006
			Eutrophic	2006
			Odors	2006
		Lake Sherwood	Algae	2006
			Ammonia	2006
			Eutrophic	2006
			Organic	2006
			Enrichment/Low	
			Dissolved Oxygen	
		Las Virgenes Creek	Nutrients (Algae)	2006
			Organic	2006
			Enrichment/Low	

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Dissolved Oxygen	
		Lindero Creek Reach 1	Scum/Foam-unnatural	2006
		Lindero Creek Reach 1	Algae	2006
		Lindero Creek Reach 2 (Above Lake)	Scum/Foam-unnatural	2006
		Lindero Creek Reach 2 (Above Lake)	Algae	2006
		Malibou Lake	Scum/Foam-unnatural	2006
		Malibou Lake	Algae	2006
		Malibou Lake	Eutrophic	2006
		Malibou Lake	Organic	2006
		Malibu Creek	Enrichment/Low Dissolved Oxygen	
		Malibu Creek	Nutrients (Algae)	2006
		Malibu Lagoon	Scum/Foam-unnatural	2006
		Malibu Lagoon	Eutrophic	2006
		Malibu Lagoon	pH	2006
		Medea Creek Reach 1 (Lake to Confl. with Lindero)	Algae	2006
		Medea Creek Reach 2 (Abv Confl. with Lindero)	Algae	2006
		Westlake Lake	Algae	2006
		Westlake Lake	Ammonia	2006
		Westlake Lake	Eutrophic	2006
		Westlake Lake	Organic	2006
		Westlake Lake	Enrichment/Low Dissolved Oxygen	
	Malibu Pathogens	Las Virgenes Creek	High Coliform Count	2005
		Lindero Creek Reach 1	High Coliform Count	2005
		Lindero Creek Reach 2 (Above Lake)	High Coliform Count	2005
		Malibu Creek	High Coliform Count	2005
		Malibu Lagoon	Enteric Viruses	2005
		Malibu Lagoon	High Coliform Count	2005
		Malibu Lagoon	Shellfish Harvesting Advisory	2005
		Malibu Lagoon	Swimming Restrictions	2005
		Medea Creek Reach 1 (Lake to Confl. with Lindero)	High Coliform Count	2005
		Medea Creek Reach 2 (Abv Confl. with Lindero)	High Coliform Count	2005
		Palo Comado Creek	High Coliform Count	2005
		Stokes Creek	High Coliform Count	2005
	Marina Del Rey Toxics	Marina del Rey Harbor - Back Basins	Chlordane (tissue & sediment)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			DDT (tissue)	2005
			Dieldrin (tissue)	2005
			Fish Consumption Advisory	2005
			PCBs (tissue & sediment)	2005
			Sediment Toxicity	2005
	Marina del Rey Harbor - Back Basins Metals (AU #56)	Marina del Rey Harbor - Back Basins	Copper (sediment)	2005
			Lead (sediment)	2005
			Zinc (sediment)	2005
	Marina del Rey Pathogens	Marina del Rey Harbor - Back Basins	High Coliform Count	2003
		Marina del Rey Harbor Beach	Beach Closures	2003
			High Coliform Count	2003
	McGrath Beach Coliform	McGrath Beach	High Coliform Count	2003
	San Gabriel River Metals (39)	Coyote Creek	Copper, Dissolved	2006
			Lead, Dissolved	2006
			Selenium, Total	2006
			Zinc, Dissolved	2006
		San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	Copper, Dissolved	2006
			Lead	2006
			Zinc, Dissolved	2006
	San Gabriel River Nutrients	Coyote Creek	Algae Toxicity	2007
		San Gabriel River Reach 1 (Estuary to Firestone)	Algae Toxicity	2007
		San Gabriel River Reach 3 (Whittier Narrows to Ramona)	Toxicity	2007
		San Jose Creek Reach 1 (SG Confluence to Temple St.)	Algae	2007
		San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	Algae	2007
		Walnut Creek Wash (Drains from Puddingstone Res)	Toxicity	2007
			pH	2007
	Santa Clara River Chloride	Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)	Chloride	2004

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd.)	Chloride	2004
	Santa Clara River Nitrogen	Brown Barranca/Long Canyon	Nitrate and Nitrite	2003
		Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)	Nitrate and Nitrite	2003
		Santa Clara River Reach 3 (Freeman Diversion to A Street)	Ammonia	2003
		Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)	Nitrate and Nitrite	2003
		Torrey Canyon Creek	Nitrate and Nitrite	2003
		Wheeler Canyon/Todd Barranca	Nitrate and Nitrite	2003
5	Acid Mine Drainage and Metals TMDL Project	Arcade Creek	Copper	2020
		Camanche Reservoir	Copper	2020
			Zinc	2020
		Dolly Creek	Copper	2020
			Zinc	2020
		Dunn Creek (Mt Diablo Mine to Marsh Creek)	Metals	2020
		Horse Creek (Rising Star Mine to Shasta Lake)	Cadmium	2020
			Copper	2020
			Lead	2020
			Zinc	2020
		Humbug Creek	Copper	2020
			Zinc	2020
		James Creek	Nickel	2020
		Kanaka Creek	Arsenic	2020
		Keswick Reservoir (portion downstream from Spring Creek)	Cadmium	2020
			Copper	2020
			Zinc	2020
	Little Backbone Creek, Lower	Acid Mine Drainage	2020	
		Cadmium	2020	
		Copper	2020	
	Little Cow Creek (downstream from	Zinc	2020	
		Cadmium	2020	

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Afterthought Mine)	Copper	2020
			Zinc	2020
		Little Grizzly Creek	Copper	2020
			Zinc	2020
		Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	Metals	2020
		Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	Metals	2020
		Mokelumne River, Lower	Copper	2020
			Zinc	2020
		Shasta Lake (area where West Squaw Creek enters)	Cadmium	2020
			Copper	2020
			Zinc	2020
		Spring Creek, Lower (Iron Mountain Mine to Keswick Reservoir)	Acid Mine Drainage	2020
			Cadmium	2020
			Copper	2020
			Zinc	2020
		Town Creek	Cadmium	2020
			Copper	2020
			Lead	2020
			Zinc	2020
		West Squaw Creek (below Balaklala Mine)	Cadmium	2020
			Copper	2020
			Lead	2020
			Zinc	2020
		Willow Creek (Shasta County, below Greenhorn Mine to Clear Creek)	Acid Mine Drainage	2020
			Copper	2020
			Zinc	2020
	American River Mercury and Methylmercury TMDL Project	American River, Lower (Nimbus Dam to confluence with Sacramento River)	Mercury	2008
	Bear Creek and Sulphur Creek Mercury TMDL Project	Bear Creek	Mercury	2005
		Sulphur Creek (Colusa County)	Mercury	2005
	Bear River Watershed Mercury TMDL Project	Bear River, Upper	Mercury	2011

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Camp Far West Reservoir	Mercury	2011
		Combie, Lake	Mercury	2011
	Black Butte Reservoir TMDL	Mercury Black Butte Reservoir	Mercury	2015
	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch Mercury TMDL Project	Bear Creek	Mercury	2005
		Cache Creek, Lower (Clear Lake Dam to Cache Creek Settling Basin near Yolo Bypass)	Mercury	2005
		Harley Gulch	Mercury	2005
		Sulphur Creek (Colusa County)	Mercury	2005
	Central Valley Organo-chlorine Pesticides	Colusa Basin Drain	Group A Pesticides	2011
		Delta Waterways (Stockton Ship Channel)	DDT	2011
			Group A Pesticides	2011
		Delta Waterways (eastern portion)	DDT	2011
			Group A Pesticides	2011
		Delta Waterways (western portion)	DDT	2011
			Group A Pesticides	2011
		Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	Group A Pesticides	2011
		Merced River, Lower (McSwain Reservoir to San Joaquin River)	Group A Pesticides	2011
		Orestimba Creek (above Kilburn Road)	DDE	2011
		Orestimba Creek (below Kilburn Road)	DDE	2011
		San Joaquin River (Bear Creek to Mud Slough)	DDT	2011
			Group A Pesticides	2011
		San Joaquin River (Mendota Pool to Bear Creek)	DDT	2011
			Group A Pesticides	2011
		San Joaquin River (Merced River to South Delta Boundary)	DDT	2011
			Group A Pesticides	2011
		San Joaquin River (Mud	DDT	2011

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Slough to Merced River)		
			Group A Pesticides	2011
		Stanislaus River, Lower	Group A Pesticides	2011
		Tuolumne River, Lower (Don Pedro Reservoir to San Joaquin River)	Group A Pesticides	2011
	Clear Lake Mercury TMDL Project	Clear Lake	Mercury	2003
	Clear Lake Nutrient TMDL Project	Clear Lake	Nutrients	2006
	Cow Creek Watershed Pathogens	Clover Creek	Fecal Coliform	2012
		Oak Run Creek	Fecal Coliform	2012
		South Cow Creek	Fecal Coliform	2012
	Dairies TMDL	Avena Drain	Ammonia	2020
			Pathogens	2020
		Lone Tree Creek	Ammonia	2020
			Biological Oxygen Demand	2020
			Electrical Conductivity	2020
		Temple Creek	Ammonia	2020
			Electrical Conductivity	2020
	Davis Creek Reservoir Mercury TMDL Project	Davis Creek Reservoir	Mercury	2010
	Deer Creek pH	Deer Creek (Yuba County)	pH	2011
	Delta Mercury and Methylmercury TMDL Project	Delta Waterways (Stockton Ship Channel)	Mercury	2006
				2006
		Delta Waterways (eastern portion)	Mercury	2006
				2006
		Delta Waterways (western portion)	Mercury	2006
				2006
	Fall River Sediment	Fall River (Pit)	Sedimentation/Siltation	2016
	Feather River Mercury TMDL Project	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	Mercury	2009
	Harding Drain Ammonia	Harding Drain (Turlock Irrigation District Lateral #5)	Ammonia	2007
	Kings River	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	Electrical Conductivity	2015
			Molybdenum	2015
			Toxaphene	2015

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Marsh Creek Watershed Mercury TMDL Project	Dunn Creek (Mt Diablo Mine to Marsh Creek)	Mercury	2013
		Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	Mercury	2013
		Marsh Creek Reservoir	Mercury	2013
	Natomas East Main Drain PCBs	Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	PCBs	2020
		Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	PCBs	2020
	Panoche Creek Sediment and Selenium	Panoche Creek (Silver Creek to Belmont Avenue)	Sedimentation/Siltation Selenium	2007 2007
	Panoche Creek and San Carlos Creek Mercury TMDL Project	Panoche Creek (Silver Creek to Belmont Avenue)	Mercury	2020
		San Carlos Creek (downstream of New Idria Mine)	Mercury	2020
	Pit River	Pit River	Nutrients	2013
			Organic Enrichment/Low Dissolved Oxygen	2013
			Temperature	2013
	Putah Creek Watershed Mercury TMDL	Berryessa, Lake	Mercury	2015
		James Creek	Mercury	2015
		Putah Creek, Lower	Mercury	2015
	Sacramento River Mercury TMDL Project	Sacramento River (Knights Landing to the Delta)	Mercury	2010
			2008	
	Sacramento Slough Mercury TMDL Project	Sacramento Slough	Mercury	2020
	Sacramento and San Joaquin Pesticides Basin Plan Amendment and TMDLs	Bear River, Lower (below Camp Far West Reservoir)	Diazinon	2008
			Butte Slough	Diazinon
		Colusa Basin Drain	Azinphos-methyl	2008
			Carbofuran/Furadan	2008
			Diazinon	2008
			Malathion	2008
		Methyl Parathion	2008	

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Molinate/Odram	2008
		Del Puerto Creek	Chlorpyrifos	2008
			Diazinon	2008
		Harding Drain (Turlock Irrigation District Lateral #5)	Chlorpyrifos	2008
			Diazinon	2008
		Ingram/Hospital Creek	Chlorpyrifos	2008
			Diazinon	2008
		Jack Slough	Diazinon	2008
		Merced River, Lower (McSwain Reservoir to San Joaquin River)	Chlorpyrifos	2008
			Diazinon	2008
		Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	Diazinon	2008
		Newman Wasteway	Chlorpyrifos	2008
			Diazinon	2008
		Orestimba Creek (above Kilburn Road)	Azinphos-methyl	2008
			Chlorpyrifos	2008
			Diazinon	2008
		Orestimba Creek (below Kilburn Road)	Azinphos-methyl	2008
			Chlorpyrifos	2008
			Diazinon	2008
		Sacramento Slough	Diazinon	2008
		Salt Slough (upstream from confluence with San Joaquin River)	Chlorpyrifos	2008
			Diazinon	2008
		Stanislaus River, Lower	Diazinon	2008
		Sutter Bypass	Diazinon	2008
		Tuolumne River, Lower (Don Pedro Reservoir to San Joaquin River)	Diazinon	2008
	San Joaquin River Diazinon and Chlorpyrifos	San Joaquin River (Bear Creek to Mud Slough)	Chlorpyrifos	2006
			Diazinon	2006
		San Joaquin River (Mendota Pool to Bear Creek)	Chlorpyrifos	2006
			Diazinon	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		San Joaquin River (Merced River to South Delta Boundary)	Chlorpyrifos	2006
			Diazinon	2006
		San Joaquin River (Mud Slough to Merced River)	Chlorpyrifos	2006
			Diazinon	2006
	San Joaquin River Dissolved Oxygen	Delta Waterways (Stockton Ship Channel)	Organic Enrichment/Low Dissolved Oxygen	2005
	San Joaquin River EC and Boron Upstream of Stanislaus Confluence	San Joaquin River (Bear Creek to Mud Slough)	Boron	2006
			Electrical Conductivity	2006
		San Joaquin River (Mendota Pool to Bear Creek)	Boron	2006
			Electrical Conductivity	2006
		San Joaquin River (Mud Slough to Merced River)	Boron	2006
			Electrical Conductivity	2006
	San Joaquin River Mercury TMDL Project	Don Pedro Lake	Mercury	2020
		San Joaquin River (Bear Creek to Mud Slough)	Mercury	2020
		San Joaquin River (Merced River to South Delta Boundary)	Mercury	2020
		San Joaquin River (Mud Slough to Merced River)	Mercury	2020
		Stanislaus River, Lower	Mercury	2020
	San Joaquin River Salt and Boron	San Joaquin River (Merced River to South Delta Boundary)	Boron	2004
				2004
				2004
			Electrical Conductivity	2004
				2004
				2004
	San Joaquin River Tributaries Salinity and Boron	Grasslands Marshes	Electrical Conductivity	2008
		Mud Slough	Boron	2008
			Electrical Conductivity	2008
		Salt Slough (upstream from confluence with San Joaquin River)	Boron	2008
			Electrical Conductivity	2008

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date	
	Stockton Area Sloughs and Rivers	Calaveras River, Lower	Diazinon	2008	
			Organic Enrichment/Low Dissolved Oxygen	2008	
		Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	Pathogens	2008	
			Chlorpyrifos	2008	
		Mormon Slough (Commerce Street to Stockton Deep Water Channel)	Diazinon	2008	
			Organic Enrichment/Low Dissolved Oxygen	2008	
			Pathogens	2008	
		Mormon Slough (Commerce Street to Stockton Deep Water Channel)	Organic Enrichment/Low Dissolved Oxygen	2008	
			Pathogens	2008	
		Mormon Slough (Stockton Diverting Canal to Commerce Street)	Pathogens	2008	
		Mosher Slough (downstream of I-5)	Chlorpyrifos	2008	
			Diazinon	2008	
		Mosher Slough (upstream of I-5)	Organic Enrichment/Low Dissolved Oxygen	2008	
			Pathogens	2008	
		Smith Canal	Organic Enrichment/Low Dissolved Oxygen	2008	
			Organophosphorus Pesticides	2008	
		Stockton Deep Water Channel, Upper (Port Turning Basin)	Pathogens	2008	
			Walker Slough	Pathogens	2008
		Yuba River Watershed Mercury TMDL Project	Englebright Lake	Mercury	2012
			Humbug Creek	Mercury	2012
Sedimentation/Siltation	2012				
Little Deer Creek	Mercury		2012		
Rollins Reservoir	Mercury		2012		
Scotts Flat Reservoir	Mercury	2012			

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
6				
	Blackwood Creek	Blackwood Creek	Iron	2007
			Nitrogen	2007
			Phosphorus	2007
			Sedimentation/Siltation	2007
	Bodie Creek	Bodie Creek	Metals	2006
	Bridgeport Reservoir	Bridgeport Reservoir	Nitrogen	2006
			Phosphorus	2006
			Sedimentation/Siltation	2006
	Bronco Creek	Bronco Creek	Sedimentation/Siltation	2006
	Clearwater Creek	Clearwater Creek	Sedimentation/Siltation	2006
	Donner Lake PCBs	Donner Lake	Priority Organics	2007
	Gray Creek	Gray Creek (Nevada County)	Sedimentation/Siltation	2006
	Heavenly Valley Creek (source to USFS boundary) Sediment	Heavenly Valley Creek (source to USFS boundary)	Sedimentation/Siltation	2001
	Hot Springs Canyon Creek Sediment	Hot Springs Canyon Creek	Sedimentation/Siltation	2006
	Indian Creek Reservoir Phosphorus	Indian Creek Reservoir	Phosphorus	2002
	Lake Tahoe Nutrients/Sediment	Tahoe, Lake	Nitrogen	2007
			Phosphorus	2007
			Sedimentation/Siltation	2007
	Squaw Creek Sediment	Squaw Creek	Sedimentation/Siltation	2005
	Susan River Toxicity	Susan River	Unknown Toxicity	2007
	Truckee River Sediment	Truckee River	Sedimentation/Siltation	2006
	Ward Creek Sediment	Ward Creek	Iron	2007
			Nitrogen	2007
			Phosphorus	2007
			Sedimentation/Siltation	2007
7	Alamo River Sedimentation/Siltation	Alamo River	Silt	2001
	Coachella Valley Storm Channel Pathogen TMDL	Coachella Valley Storm Channel	Pathogens	2006
	Imperial Valley Drains (Niland 2, P, Pumice, and their tributary)	Imperial Valley Drains	Sedimentation/Siltation	2004

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	drains) Sediment TMDL			
	New River 1,2,4-trimethylbenzene TMDL	New River (Imperial)	1,2,4-trimethylbenzene	2006
	New River Chloroform TMDL	New River (Imperial)	Chloroform	2006
	New River Dissolved Oxygen TMDL	New River (Imperial)	Organic Enrichment/Low Dissolved Oxygen	2006
	New River M,P-Xylenes TMDL	New River (Imperial)	m,p,-Xylenes	2006
	New River Pathogen	New River	Bacteria	2001
	New River Sedimentation/Siltation	New River	Silt	2002
	New River Toluene TMDL	New River (Imperial)	Toluene	2006
	New River Trash TMDL	New River (Imperial)	Trash	2006
	New River o-Xylenes TMDL	New River (Imperial)	o-Xylenes	2006
	New River p-Cymene TMDL	New River (Imperial)	p-Cymene	2006
	New River p-Dichlorobenzene (DCB) TMDL	New River (Imperial)	p-Dichlorobenzene (DCB)	2006
	Palo Verde Outfall Drain Pathogen TMDL	Palo Verde Outfall Drain	Pathogens	2006
	Salton Sea Nutrient	New River (Imperial)	Nutrients	2006
		Salton Sea	Nutrients	2006
8	Big Bear Lake Tributaries Nutrient TMDLs	Grout Creek	Nutrients	2008
		Rathbone (Rathbun) Creek	Nutrients	2008
		Summit Creek	Nutrients	2008
	Big Bear Lake Watershed Metals TMDL	Big Bear Lake	Copper	2007
			Mercury	2007
			Metals	2007
		Grout Creek	Metals	2007
		Knickerbocker Creek	Metals	2007
	Big Bear Lake Watershed Nutrient TMDL	Big Bear Lake	Noxious aquatic plants	2006
			Nutrients	2006
	Big Bear Lake Watershed Sediment TMDL	Big Bear Lake	Sedimentation/Siltation	2006
		Rathbone (Rathbun) Creek	Sedimentation/Siltation	2006
	Canyon Lake Bacteria TMDL	Canyon Lake (Railroad Canyon Reservoir)	Pathogens	2005
	Knickerbocker Cr., Bacteria TMDL	Knickerbocker Creek	Pathogens	2005
				2005
	Lake Elsinore Toxicity TMDL	Elsinore, Lake	Unknown Toxicity	2007
	Lake Elsinore Watershed	Canyon Lake (Railroad	Nutrients	2004

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Nutrient TMDL	Canyon Reservoir)		
		Elsinore, Lake	Nutrients	2004
			Organic Enrichment/Low Dissolved Oxygen	2004
	Newport Bay Watershed Copper TMDL	Newport Bay, Lower	Copper	2006
		Newport Bay, Upper (Ecological Reserve)	Copper	2006
		San Diego Creek Reach 2	Metals	2006
	Newport Bay Watershed Organochlorine Compounds TMDL	Newport Bay, Lower	Pesticides	2006
			Priority Organics	2006
		Newport Bay, Upper (Ecological Reserve)	Pesticides	2006
		San Diego Creek Reach 1	Pesticides	2006
	Newport Bay Watershed Rhine Channel TMDLs	Newport Bay, Lower	Metals	2006
			Pesticides	2006
			Priority Organics	2006
	Newport Bay Watershed Selenium TMDL	San Diego Creek Reach 1	Selenium	2007
		San Diego Creek Reach 2	Metals	2007
	Prado Area Streams Pathogen TMDL	Chino Creek Reach 1	Pathogens	2005
		Chino Creek Reach 2	High Coliform Count	2005
		Cucamonga Creek, Valley Reach	High Coliform Count	2005
		Mill Creek (Prado Area)	Pathogens	2005
		Prado Park Lake	Pathogens	2005
		Santa Ana River, Reach 3	Pathogens	2005
9	7th Street Channel	San Diego Bay Shoreline, Seventh Street Channel	Benthic Community Effects	2008
			Sediment Toxicity	2008
	Bacteria Impaired Waters I (creeks and beach shorelines)	Aliso Creek	Bacteria Indicators	2005
		Aliso Creek (mouth)	Bacteria Indicators	2005
		Chollas Creek	Bacteria Indicators	2005
		Forester Creek	Fecal Coliform	2005
		Pacific Ocean Shoreline, Aliso HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, Dana Point HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, Laguna Beach HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline,	Bacteria Indicators	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Miramar Reservoir HA		
		Pacific Ocean Shoreline, San Clemente HA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, San Diego HU	Bacteria Indicators	2005
		Pacific Ocean Shoreline, San Diequito HU	Bacteria Indicators	2005
		Pacific Ocean Shoreline, San Joaquin Hills HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, San Luis Rey HU	Bacteria Indicators	2005
		Pacific Ocean Shoreline, San Marcos HA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, Scripps HA	Bacteria Indicators	2005
		Pine Valley Creek (Upper)	Enterococci	2010
		San Diego River (Lower)	Fecal Coliform	2005
		San Juan Creek	Bacteria Indicators	2005
	Bacteria Impaired Waters II (Bays, Lagoons, and Shorelines)	Agua Hedionda Lagoon	Bacteria Indicators	2006
		Buena Vista Lagoon	Bacteria Indicators	2008
		Dana Point Harbor	Bacteria Indicators	2006
		Loma Alta Slough	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Buena Vista Creek HA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Escondido Creek HA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Loma Alta HA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Lower San Juan HSA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Tijuana HU	Bacteria Indicators	2010
		San Diego Bay Shoreline, Chula Vista Marina	Bacteria Indicators	2006
		San Diego Bay Shoreline, G Street Pier	Bacteria Indicators	2006
		San Diego Bay Shoreline, Shelter Island Shoreline Park	Bacteria Indicators	2006
		San Diego Bay Shoreline, Tidelands Park	Bacteria Indicators	2006
		San Diego Bay Shoreline, Vicinity of B St and Broadway Piers	Bacteria Indicators	2006
		San Elijo Lagoon	Bacteria Indicators	2008
		San Juan Creek (mouth)	Bacteria Indicators	2008

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Tecolote Creek	Bacteria Indicators	2006
		Tijuana River	Bacteria Indicators	2010
		Tijuana River Estuary	Bacteria Indicators	2010
	Chollas Creek Metals	Chollas Creek	Copper	2005
			Lead	2005
			Zinc	2005
	Mouth of Chollas Creek	San Diego Bay Shoreline, near Chollas Creek	Benthic Community Effects	2006
			Sediment Toxicity	2006
	NASSCO and Southwest Marine	San Diego Bay Shoreline, between Sampson and 28th Streets	Copper	2005
			Mercury	2006
			PAHs	2006

## ***Appendix 1:***

### ***2002 Section 303(d) List of Water Quality Limited Segments***

***Please note:*** For clarity, the additions, deletions, changes and TMDL schedules presented in Tables 5, 6, 7, and 8 of Volume I of the Staff Report have not been incorporated into Appendix 1. When SWRCB considers adoption of the 2006 California CWA section 303(d) list all changes will be included.

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

*Approved by USEPA:  
July 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 SEGMENTS** *Approved by USEPA:  
July 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		Medium	1071 Miles	
				Temperature	Erosion/Siltation	Medium	1071 Miles	
					Removal of Riparian Vegetation Nonpoint Source			
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 SEGMENTS** *Approved by USEPA:  
July 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	Medium	382 Miles	
1	R	Eel River, South Fork, Eel River HU, South Fork HA	11131030	Sedimentation/Siltation	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	Medium	943 Miles	
				Temperature	Hydromodification Flow Regulation/Modification Removal of Riparian Vegetation Erosion/Siltation Nonpoint Source	Medium	943 Miles	
1	R	Eel River, Upper Main HA (Includes Tomki Creek)	11163050	Sedimentation/Siltation	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	Medium	1141 Miles	

# 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS Approved by USEPA: July 2003

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

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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	
1	B	Humboldt Bay, Eureka Plain HU	11000000	PCBs <i>This listing was made by USEPA.</i>	Source Unknown	Low	16075 Acres	

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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	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	Low	19 Miles	
1	R	Klamath River, Klamath River HU, Butte Valley HA	10581023	Nutrients	Nonpoint Source	Medium	265 Miles	
				Temperature	Nonpoint Source	Medium	265 Miles	
1	R	Klamath River, Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	10593011	Nutrients	Hydromodification Nonpoint Source	Medium	601 Miles	
				Temperature	Hydromodification Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Agricultural Water Diversion Nonpoint Source	Medium	601 Miles	

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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	

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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	

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				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	

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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	

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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 Combined Sewer Overflow Agriculture Agriculture-storm runoff Agriculture-irrigation tailwater Upstream Impoundment Flow Regulation/Modification Out-of-state source	Medium	1389 Miles	
				Temperature	Hydromodification Channelization Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Natural Sources Nonpoint Source	Medium	1389 Miles	
1	R	Klamath River, Klamath River HU, Salmon River HA	10521034	Nutrients	Unknown Nonpoint Source	High	871 Miles	2004
				Temperature	Removal of Riparian Vegetation Unknown Nonpoint Source	High	871 Miles	2004
1	R	Laguna de Santa Rosa, Russian River HU, Middle Russian River HA	11421020	Low Dissolved Oxygen	Internal Nutrient Cycling (primarily lakes) Nonpoint Source Point Source	Low	96 Miles	
				Nitrogen	Internal Nutrient Cycling (primarily lakes) Nonpoint Source Point Source	Low	96 Miles	

*This listing was made by USEPA.*

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

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				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	

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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

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				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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Lower Russian River HA, Austin Creek HSA	11412013	Sedimentation/Siltation	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>				
				Sedimentation/Siltation	Nonpoint/Point Source	Medium	195 Miles	
					Agriculture Irrigated Crop Production Specialty Crop Production Agriculture-storm runoff Agriculture-grazing Silviculture Construction/Land Development Highway/Road/Bridge Construction Land Development Hydromodification Channelization Dam Construction Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation			

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

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				Temperature	Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	Low	255 Miles	
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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, 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	

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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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, 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	

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				<b>Sedimentation/Siltation</b>		<b>Medium</b>	<b>87 Miles</b>		
				<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				
				<b>Temperature</b>		<b>Low</b>	<b>87 Miles</b>		
				<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				

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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	

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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
				Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source	Low	162 Miles	

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

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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	

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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	

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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								

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Calero Reservoir	20540031	Mercury		Medium	334 Acres	
				<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				
2	E	Carquinez Strait	20710020	Chlordane		Low	5657 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				DDT		Low	5657 Acres	
				Nonpoint Source				
				Diazinon		Low	5657 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	5657 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				Dioxin Compounds		Low	5657 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	5657 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
				Ballast Water				
				Furan Compounds		Low	5657 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, 1,2,3,6,7,8,9-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	5657 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				
				Natural Sources				
				Nonpoint Source				

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

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

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				<b>Selenium</b> <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>		<b>Low</b>	<b>40 Acres</b>	
					<b>Industrial Point Sources</b> <b>Agriculture</b> <b>Natural Sources</b> <b>Exotic Species</b>			
2	R	Corte Madera Creek	20320011	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		<b>High</b>	<b>4.1 Miles</b>	<b>2004</b>
					<b>Urban Runoff/Storm Sewers</b>			
2	R	Coyote Creek (Marin County)	20320020	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		<b>High</b>	<b>2.6 Miles</b>	<b>2004</b>
					<b>Urban Runoff/Storm Sewers</b>			
2	R	Coyote Creek (Santa Clara Co.)	20530021	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		<b>High</b>	<b>55 Miles</b>	<b>2004</b>
					<b>Urban Runoff/Storm Sewers</b>			
2	R	Gallinas Creek	20620013	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		<b>High</b>	<b>2.1 Miles</b>	<b>2004</b>
					<b>Urban Runoff/Storm Sewers</b>			
2	R	Guadalupe Creek	20540050	<b>Mercury</b> <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>		<b>Medium</b>	<b>8.1 Miles</b>	
					<b>Mine Tailings</b>			
2	L	Guadalupe Reservoir	20540040	<b>Mercury</b> <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>		<b>Medium</b>	<b>63 Acres</b>	
					<b>Surface Mining</b> <b>Mine Tailings</b>			
2	R	Guadalupe River	20540050	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		<b>High</b>	<b>18 Miles</b>	<b>2004</b>
					<b>Urban Runoff/Storm Sewers</b>			

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				Mercury		Medium	18 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			
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	
2	R	Lagunitas Creek	20113020	Nutrients	Agriculture Urban Runoff/Storm Sewers	Low	17 Miles	
				<i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>				
				Pathogens	Agriculture Urban Runoff/Storm Sewers	Low	17 Miles	
				<i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>				

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				<b>Sedimentation/Siltation</b>		<b>Medium</b>	<b>17 Miles</b>	
				<i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>				
					<b>Agriculture</b>			
					<b>Urban Runoff/Storm Sewers</b>			
<b>2</b>	<b>L</b>	<b>Lake Herman</b>	<b>20721030</b>					
				<b>Mercury</b>		<b>Low</b>	<b>108 Acres</b>	
				<i>Additional monitoring and assessment needed. Problem due to historical mining.</i>				
					<b>Surface Mining</b>			
<b>2</b>	<b>L</b>	<b>Lake Merced</b>	<b>20210010</b>					
				<b>Low Dissolved Oxygen</b>		<b>Low</b>	<b>299 Acres</b>	
				<i>This listing was made by USEPA.</i>				
					<b>Source Unknown</b>			
				<b>pH</b>		<b>Low</b>	<b>299 Acres</b>	
				<i>This listing was made by USEPA.</i>				
					<b>Source Unknown</b>			
<b>2</b>	<b>L</b>	<b>Lake Merritt</b>	<b>20420040</b>					
				<b>Organic Enrichment/Low Dissolved Oxygen</b>		<b>Low</b>	<b>142 Acres</b>	
				<i>This listing was made by USEPA.</i>				
					<b>Source Unknown</b>			
				<b>Trash</b>		<b>Low</b>	<b>142 Acres</b>	
					<b>Urban Runoff/Storm Sewers</b>			
<b>2</b>	<b>R</b>	<b>Laurel Creek (Solano Co)</b>	<b>20440040</b>					
				<b>Diazinon</b>		<b>High</b>	<b>3 Miles</b>	<b>2004</b>
				<i>This listing was made by USEPA.</i>				
					<b>Urban Runoff/Storm Sewers</b>			
<b>2</b>	<b>R</b>	<b>Ledgewood Creek</b>	<b>20723010</b>					
				<b>Diazinon</b>		<b>High</b>	<b>12 Miles</b>	<b>2004</b>
				<i>This listing was made by USEPA.</i>				
					<b>Urban Runoff/Storm Sewers</b>			
<b>2</b>	<b>R</b>	<b>Los Gatos Creek (R2)</b>	<b>20540011</b>					
				<b>Diazinon</b>		<b>High</b>	<b>19 Miles</b>	<b>2004</b>
				<i>This listing was made by USEPA.</i>				
					<b>Urban Runoff/Storm Sewers</b>			
<b>2</b>	<b>E</b>	<b>Marina Lagoon (San Mateo County)</b>	<b>20440040</b>					
				<b>High Coliform Count</b>		<b>Low</b>	<b>169 Acres</b>	
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Nonpoint Source</b>			

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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	
				Mirex (sediment)	Industrial Point Sources Combined Sewer Overflow	Low	8.5 Acres	

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				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

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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	<b>Chlordane</b> <i>This listing was made by USEPA.</i>	<b>Nonpoint Source</b>	Low	0.93 Acres	
				<b>Chlordane (sediment)</b>	<b>Source Unknown</b>	Low	0.93 Acres	
				<b>DDT</b> <i>This listing was made by USEPA.</i>	<b>Nonpoint Source</b>	Low	0.93 Acres	
				<b>Diazinon</b> <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>	<b>Nonpoint Source</b>	Low	0.93 Acres	
				<b>Dieldrin</b> <i>This listing was made by USEPA.</i>	<b>Nonpoint Source</b>	Low	0.93 Acres	
				<b>Dioxin Compounds</b> <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		
				<b>Exotic Species</b> <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>	<b>Atmospheric Deposition</b>	Medium	0.93 Acres	
				<b>Furan Compounds</b> <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>	<b>Ballast Water</b>	Low	0.93 Acres	
				<b>Mercury</b> <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>	<b>Atmospheric Deposition</b>	High	0.93 Acres	2003
					<b>Industrial Point Sources</b>			
					<b>Municipal Point Sources</b>			
					<b>Resource Extraction</b>			
					<b>Atmospheric Deposition</b>			
					<b>Natural Sources</b>			
					<b>Nonpoint Source</b>			

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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>				
				<b>Unknown Nonpoint Source</b>				
				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>				
				<b>Unknown Nonpoint Source</b>				
				PCBs (sediment)		Low	0.93 Acres	
				<b>Source Unknown</b>				
				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>				
				<b>Industrial Point Sources</b>				
				<b>Agriculture</b>				
				<b>Natural Sources</b>				
				<b>Exotic Species</b>				
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>				
				<b>Nonpoint Source</b>				
				Chlordane (sediment)		Low	1.8 Acres	
				<b>Source Unknown</b>				
				Chlorpyrifos (sediment)		Low	1.8 Acres	
				<b>Source Unknown</b>				
				Copper (sediment)		Low	1.8 Acres	
				<b>Source Unknown</b>				
				DDT		Low	1.8 Acres	
				<i>This listing was made by USEPA.</i>				
				<b>Nonpoint Source</b>				
				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>				
				<b>Nonpoint Source</b>				
				Dieldrin		Low	1.8 Acres	
				<i>This listing was made by USEPA.</i>				
				<b>Nonpoint Source</b>				

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

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				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			
2	C	Pacific Ocean at Venice Beach	20222011	High Coliform Count		Low	0.38 Miles	
					Nonpoint Source			

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				<b>Nutrients</b> <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	<b>Agriculture</b> <b>Construction/Land Development</b> <b>Urban Runoff/Storm Sewers</b>	<b>Medium</b>	<b>1.1 Miles</b>	
				<b>Pathogens</b> <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	<b>Agriculture</b> <b>Construction/Land Development</b> <b>Urban Runoff/Storm Sewers</b>	<b>Medium</b>	<b>1.1 Miles</b>	
2	R	Pine Creek (Contra Costa Co)	20731011	<b>Diazinon</b> <i>This listing was made by USEPA.</i>	<b>Urban Runoff/Storm Sewers</b>	<b>High</b>	<b>13 Miles</b>	<b>2004</b>
2	R	Pinole Creek	20660020	<b>Diazinon</b> <i>This listing was made by USEPA.</i>	<b>Urban Runoff/Storm Sewers</b>	<b>High</b>	<b>9.2 Miles</b>	<b>2004</b>
2	R	Pomponio Creek	20240020	<b>High Coliform Count</b>	<b>Nonpoint Source</b>	<b>Low</b>	<b>7.1 Miles</b>	
2	B	Richardson Bay	20312010	<b>Chlordane</b> <i>This listing was made by USEPA.</i>	<b>Nonpoint Source</b>	<b>Low</b>	<b>2439 Acres</b>	
				<b>DDT</b> <i>This listing was made by USEPA.</i>	<b>Nonpoint Source</b>	<b>Low</b>	<b>2439 Acres</b>	
				<b>Dieldrin</b> <i>This listing was made by USEPA.</i>	<b>Unknown Nonpoint Source</b>	<b>Low</b>	<b>2439 Acres</b>	
				<b>Dioxin Compounds</b> <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>	<b>Atmospheric Deposition</b>	<b>Low</b>	<b>2439 Acres</b>	
				<b>Exotic Species</b> <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>	<b>Ballast Water</b>	<b>Medium</b>	<b>2439 Acres</b>	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				<b>Furan Compounds</b>		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>				
				<b>Atmospheric Deposition</b>				
				<b>High Coliform Count</b>		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>				
				<b>Urban Runoff/Storm Sewers</b>				
				<b>Septage Disposal</b>				
				<b>Boat Discharges/Vessel Wastes</b>				
				<b>Mercury</b>		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>				
				<b>Municipal Point Sources</b>				
				<b>Resource Extraction</b>				
				<b>Atmospheric Deposition</b>				
				<b>Natural Sources</b>				
				<b>Nonpoint Source</b>				
				<b>PCBs</b>		High	2439 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
				<b>Unknown Nonpoint Source</b>				
				<b>PCBs (dioxin-like)</b>		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>				
				<b>Unknown Nonpoint Source</b>				
2	R	Rodeo Creek	20660022	<b>Diazinon</b>		High	8 Miles	2004
				<i>This listing was made by USEPA.</i>				
				<b>Urban Runoff/Storm Sewers</b>				
2	E	Sacramento San Joaquin Delta	20710010	<b>Chlordane</b>		Low	41736 Acres	
				<i>This listing was made by USEPA.</i>				
				<b>Nonpoint Source</b>				
				<b>DDT</b>		Low	41736 Acres	
				<i>This listing was made by USEPA.</i>				
				<b>Nonpoint Source</b>				

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION	
			<b>Diazinon</b>		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>					
			<b>Nonpoint Source</b>					
			<b>Dieldrin</b>		Low	41736 Acres		
			<i>This listing was made by USEPA.</i>					
			<b>Nonpoint Source</b>					
			<b>Dioxin Compounds</b>		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>					
			<b>Atmospheric Deposition</b>					
			<b>Exotic Species</b>		Medium	41736 Acres		
			<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>					
			<b>Ballast Water</b>					
			<b>Furan Compounds</b>		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>					
			<b>Atmospheric Deposition</b>					
			<b>Mercury</b>		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>					
			<b>Industrial Point Sources</b>					
			<b>Municipal Point Sources</b>					
			<b>Resource Extraction</b>					
			<b>Atmospheric Deposition</b>					
			<b>Nonpoint Source</b>					
			<b>Nickel</b>		Low	41736 Acres		
			<i>This listing was made by USEPA.</i>					
			<b>Source Unknown</b>					
			<b>PCBs</b>		High	41736 Acres	2004	
			<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>					
			<b>Unknown Nonpoint Source</b>					
			<b>PCBs (dioxin-like)</b>		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>					
			<b>Unknown Nonpoint Source</b>					

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

**2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS** *Approved by USEPA: July 2003*

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

**2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS** *Approved by USEPA:  
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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			<b>Diazinon</b>		<b>Low</b>	<b>79293 Acres</b>	
			<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>				
			<b>Nonpoint Source</b>				
			<b>Dieldrin</b>		<b>Low</b>	<b>79293 Acres</b>	
			<i>This listing was made by USEPA.</i>				
			<b>Nonpoint Source</b>				
			<b>Dioxin Compounds</b>		<b>Low</b>	<b>79293 Acres</b>	
			<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>				
			<b>Atmospheric Deposition</b>				
			<b>Exotic Species</b>		<b>Medium</b>	<b>79293 Acres</b>	
			<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
			<b>Ballast Water</b>				
			<b>Furan Compounds</b>		<b>Low</b>	<b>79293 Acres</b>	
			<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>				
			<b>Atmospheric Deposition</b>				
			<b>Mercury</b>		<b>High</b>	<b>79293 Acres</b>	<b>2003</b>
			<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>				
			<b>Industrial Point Sources</b>				
			<b>Municipal Point Sources</b>				
			<b>Resource Extraction</b>				
			<b>Atmospheric Deposition</b>				
			<b>Natural Sources</b>				
			<b>Nonpoint Source</b>				
			<b>Nickel</b>		<b>Low</b>	<b>79293 Acres</b>	
			<i>This listing was made by USEPA.</i>				
			<b>Source Unknown</b>				
			<b>PCBs</b>		<b>High</b>	<b>79293 Acres</b>	<b>2004</b>
			<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
			<b>Unknown Nonpoint Source</b>				
			<b>PCBs (dioxin-like)</b>		<b>Low</b>	<b>79293 Acres</b>	
			<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>				
			<b>Unknown Nonpoint Source</b>				

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

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

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

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2	R	San Leandro Creek, Lower	20420012	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		High	9.3 Miles	2004
				<b>Urban Runoff/Storm Sewers</b>				
2	R	San Lorenzo Creek	20420023	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		High	11 Miles	2004
				<b>Urban Runoff/Storm Sewers</b>				
2	R	San Mateo Creek	20440032	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		High	11 Miles	2004
				<b>Urban Runoff/Storm Sewers</b>				
2	B	San Pablo Bay	20610010	<b>Chlordane</b> <i>This listing was made by USEPA.</i>		Low	68349 Acres	
				<b>Nonpoint Source</b>				
				<b>DDT</b> <i>This listing was made by USEPA.</i>		Low	68349 Acres	
				<b>Nonpoint Source</b>				
				<b>Diazinon</b> <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	68349 Acres	
				<b>Nonpoint Source</b>				
				<b>Dieldrin</b> <i>This listing was made by USEPA.</i>		Low	68349 Acres	
				<b>Nonpoint Source</b>				
				<b>Dioxin Compounds</b> <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	68349 Acres	
				<b>Atmospheric Deposition</b>				
				<b>Exotic Species</b> <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	68349 Acres	
				<b>Ballast Water</b>				
				<b>Furan Compounds</b> <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, 1,2,3,6,7,8,9-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	68349 Acres	
				<b>Atmospheric Deposition</b>				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				<b>Mercury</b>		<b>High</b>	<b>68349 Acres</b>	<b>2003</b>
				<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>				
					<b>Municipal Point Sources</b>			
					<b>Resource Extraction</b>			
					<b>Atmospheric Deposition</b>			
					<b>Natural Sources</b>			
					<b>Nonpoint Source</b>			
				<b>Nickel</b>		<b>Low</b>	<b>68349 Acres</b>	
				<i>This listing was made by USEPA.</i>				
					<b>Source Unknown</b>			
				<b>PCBs</b>		<b>High</b>	<b>68349 Acres</b>	<b>2004</b>
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					<b>Unknown Nonpoint Source</b>			
				<b>PCBs (dioxin-like)</b>		<b>Low</b>	<b>68349 Acres</b>	
				<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>				
					<b>Unknown Nonpoint Source</b>			
				<b>Selenium</b>		<b>Low</b>	<b>68349 Acres</b>	
				<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>				
					<b>Industrial Point Sources</b>			
					<b>Agriculture</b>			
					<b>Natural Sources</b>			
					<b>Exotic Species</b>			
<b>2</b>	<b>R</b>	<b>San Pablo Creek</b>	<b>20660014</b>	<b>Diazinon</b>		<b>High</b>	<b>9.9 Miles</b>	<b>2004</b>
				<i>This listing was made by USEPA.</i>				
					<b>Urban Runoff/Storm Sewers</b>			
<b>2</b>	<b>L</b>	<b>San Pablo Reservoir</b>	<b>20660012</b>	<b>Mercury</b>		<b>Low</b>	<b>784 Acres</b>	
					<b>Atmospheric Deposition</b>			
<b>2</b>	<b>R</b>	<b>San Pedro Creek</b>	<b>20221011</b>	<b>High Coliform Count</b>		<b>Low</b>	<b>2.4 Miles</b>	
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Nonpoint Source</b>			

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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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Suisun Bay	20710020	<b>Chlordane</b> <i>This listing was made by USEPA.</i>		Low	27498 Acres	
					<b>Nonpoint Source</b>			
				<b>DDT</b> <i>This listing was made by USEPA.</i>		Low	27498 Acres	
					<b>Nonpoint Source</b>			
				<b>Diazinon</b> <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	
					<b>Nonpoint Source</b>			
				<b>Dieldrin</b> <i>This listing was made by USEPA.</i>		Low	27498 Acres	
					<b>Nonpoint Source</b>			
				<b>Dioxin Compounds</b> <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		
					<b>Atmospheric Deposition</b>			
				<b>Exotic Species</b> <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	27498 Acres	
					<b>Ballast Water</b>			
				<b>Furan Compounds</b> <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		
					<b>Atmospheric Deposition</b>			
				<b>Mercury</b> <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
					<b>Industrial Point Sources</b>			
					<b>Resource Extraction</b>			
					<b>Atmospheric Deposition</b>			
					<b>Natural Sources</b>			
					<b>Nonpoint Source</b>			
				<b>Nickel</b> <i>This listing was made by USEPA.</i>		Low	27498 Acres	
					<b>Source Unknown</b>			
				<b>PCBs</b> <i>This listing covers non-dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>		High	27498 Acres	2004
					<b>Unknown point source</b>			

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				<b>PCBs (dioxin-like)</b> <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	27498 Acres	
				<b>Selenium</b> <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>		Low	27498 Acres	
					<b>Unknown Nonpoint Source</b>			
					<b>Industrial Point Sources</b>			
					<b>Natural Sources</b>			
					<b>Exotic Species</b>			
2	T	Suisun Marsh Wetlands	20723000	<b>Metals</b> <i>Additional monitoring and assessment needed.</i>		Low	66339 Acres	
					<b>Agriculture</b>			
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Flow Regulation/Modification</b>			
				<b>Nutrients</b> <i>Additional monitoring and assessment needed.</i>		Low	66339 Acres	
					<b>Agriculture</b>			
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Flow Regulation/Modification</b>			
				<b>Organic Enrichment/Low Dissolved Oxygen</b> <i>Additional monitoring and assessment needed.</i>		Low	66339 Acres	
					<b>Agriculture</b>			
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Flow Regulation/Modification</b>			
				<b>Salinity/TDS/Chlorides</b> <i>Additional monitoring and assessment needed.</i>		Low	66339 Acres	
					<b>Agriculture</b>			
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Flow Regulation/Modification</b>			
2	E	Suisun Slough	20723000	<b>Diazinon</b> <i>This listing was made by USEPA.</i>		High	1124 Acres	2004
					<b>Urban Runoff/Storm Sewers</b>			

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2	B	Tomales Bay	20114033	<b>Mercury</b>		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>								
<b>Mine Tailings</b>								
				<b>Nutrients</b>		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>								
<b>Agriculture</b>								
				<b>Pathogens</b>		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>								
<b>Intensive Animal Feeding Operations</b>								
<b>Septage Disposal</b>								
				<b>Sedimentation/Siltation</b>		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>								
<b>Agriculture</b>								
<b>Upstream Impoundment</b>								
2	R	Walker Creek	20112013	<b>Mercury</b>		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>								
<b>Surface Mining</b>								
<b>Mine Tailings</b>								
				<b>Nutrients</b>		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>								
<b>Agriculture</b>								
				<b>Sedimentation/Siltation</b>		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>								
<b>Agriculture</b>								
2	R	Walnut Creek	20731040	<b>Diazinon</b>		High	9 Miles	2004
<i>This listing was made by USEPA.</i>								
<b>Urban Runoff/Storm Sewers</b>								

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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>		High	12 Miles	2004
				Urban Runoff/Storm Sewers				
3	R	Alamo Creek	31230072	Fecal Coliform		Low	5.8 Miles	
				Agriculture Range Grazing-Riparian and/or Upland Natural Sources				
3	R	Alisal Creek (Salinas)	30970093	Fecal Coliform		Low	7.4 Miles	
				Agriculture Urban Runoff/Storm Sewers Natural Sources Nonpoint Source				
				Nitrate		Low	7.4 Miles	
				Source Unknown				
3	R	Aptos Creek	30413023	Pathogens <i>Impaired length for pathogens is below Bridge Creek to the mouth (approximately 5 miles).</i>		Medium	8.4 Miles	
				Urban Runoff/Storm Sewers				
				Sedimentation/Siltation		Low	8.4 Miles	
				Disturbed Sites (Land Develop.) Channel Erosion				
3	R	Arroyo Burro Creek	31532010	Pathogens		Low	6.1 Miles	
				Urban Runoff/Storm Sewers Nonpoint Source				
3	R	Atascadero Creek (San Luis Obispo County)	30981124	Fecal Coliform		Low	5.4 Miles	
				Source Unknown				
				Low Dissolved Oxygen		Low	5.4 Miles	
				Source Unknown				

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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	

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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	

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				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	
				Nutrients	Source Unknown	High	14 Miles	2002
					Municipal Point Sources Agriculture Irrigated Crop Production Agriculture-storm runoff			
				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			

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3	R	Chumash Creek	31022011	Fecal Coliform	Source Unknown	Low	2.1 Miles	
				Low Dissolved Oxygen	Natural Sources	Low	2.1 Miles	
				<i>This listing was made by USEPA.</i>				
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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Espinosa Slough	30911010	Nutrients	Agriculture Storm sewers	Low	1.5 Miles	
				Pesticides	Agriculture	Medium	1.5 Miles	
				Priority Organics	Urban Runoff/Storm Sewers Nonpoint Source	Medium	1.5 Miles	
3	R	Fall Creek	30412022	Sedimentation/Siltation	Road Construction Habitat Modification Erosion/Siltation Nonpoint Source	Low	5.1 Miles	
3	R	Gabilan Creek	30919000	Fecal Coliform	Urban Runoff/Storm Sewers Natural Sources Nonpoint Source	Low	6.4 Miles	
3	E	Goleta Slough/Estuary	31531020	Metals	Industrial Point Sources	Low	196 Acres	
				Pathogens	Urban Runoff/Storm Sewers	Low	196 Acres	
				Priority Organics	Nonpoint Source	Low	196 Acres	
				Sedimentation/Siltation	Construction/Land Development	Low	196 Acres	
3	L	Hernandez Reservoir	30550016	Mercury	Surface Mining	Medium	626 Acres	

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3	R	Kings Creek	30412011	Sedimentation/Siltation	Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	Low	4.4 Miles	
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 <i>Impaired section for Chlorides is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).</i>	Nonpoint Source Point Source	Low	16 Miles	
				Fecal Coliform <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>	Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	Low	16 Miles	
				Low Dissolved Oxygen <i>This listing was made by USEPA.</i>	Municipal Point Sources Irrigated Crop Production Agricultural Return Flows Habitat Modification	Low	16 Miles	

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				<b>Nutrients</b>		<b>Medium</b>	<b>16 Miles</b>	
				<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>				
					<b>Municipal Point Sources</b>			
					<b>Agriculture</b>			
					<b>Irrigated Crop Production</b>			
					<b>Pasture Grazing-Riparian and/or Upland</b>			
					<b>Agriculture-storm runoff</b>			
					<b>Agriculture-irrigation tailwater</b>			
					<b>Agricultural Return Flows</b>			
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Habitat Modification</b>			
					<b>Nonpoint Source</b>			
					<b>Unknown point source</b>			
				<b>pH</b>		<b>Low</b>	<b>16 Miles</b>	
					<b>Source Unknown</b>			
				<b>Sedimentation/Siltation</b>		<b>Medium</b>	<b>16 Miles</b>	
				<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>				
					<b>Agriculture</b>			
					<b>Hydromodification</b>			
					<b>Habitat Modification</b>			
				<b>Sodium</b>		<b>Low</b>	<b>16 Miles</b>	
				<i>Impaired section for Sodium is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).</i>				
					<b>Source Unknown</b>			
					<b>Nonpoint Source</b>			
				<b>Total Dissolved Solids</b>		<b>Low</b>	<b>16 Miles</b>	
				<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>				
					<b>Nonpoint Source</b>			
					<b>Point Source</b>			
<b>3</b>	<b>R</b>	<b>Lompico Creek</b>	<b>30412040</b>	<b>Nutrients</b>		<b>Low</b>	<b>4.5 Miles</b>	
					<b>Septage Disposal</b>			
				<b>Pathogens</b>		<b>Medium</b>	<b>4.5 Miles</b>	
					<b>Septage Disposal</b>			
					<b>Natural Sources</b>			
					<b>Nonpoint Source</b>			

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				Sedimentation/Siltation		High	4.5 Miles	2002
					Construction/Land Development Natural Sources			
3	R	Los Osos Creek	31023012	Fecal Coliform		Low	9.9 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	9.9 Miles	
				<i>This listing was made by USEPA.</i>				
				Nutrients	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	High	9.9 Miles	2002
				Sedimentation/Siltation	Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows	High	9.9 Miles	2002
					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			
3	R	Love Creek	30412021	Sedimentation/Siltation		Low	3.8 Miles	
					Agriculture Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	
				Pesticides	Agriculture	Low	12 Miles	
3	B	Monterey Harbor	30950042	Metals	Railroad Slag Pile	Medium	76 Acres	
				Unknown Toxicity	Source Unknown	Low	76 Acres	
3	E	Moro Cojo Slough	30913011	Low Dissolved Oxygen	Source Unknown	Low	62 Acres	
				Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows Nonpoint Source	Medium	62 Acres	
				Sedimentation/Siltation	Agriculture Irrigated Crop Production Agriculture-storm runoff Construction/Land Development Nonpoint Source	Low	62 Acres	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	B	Morro Bay	31023012	<b>Metals</b> <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	Medium	1922 Acres	
				<b>Pathogens</b> <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	High	1922 Acres	2002
				<b>Sedimentation/Siltation</b> <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	High	1922 Acres	2002
3	B	Moss Landing Harbor	30600014	<b>Pathogens</b>	Agriculture Nonpoint Source Boat Discharges/Vessel Wastes	Low	79 Acres	
				<b>Pesticides</b>	Agriculture Irrigated Crop Production Specialty Crop Production	Low	79 Acres	
				<b>Sedimentation/Siltation</b>	Agriculture Irrigated Crop Production Agriculture-storm runoff Hydromodification Dredging Channel Erosion Erosion/Siltation Nonpoint Source	Low	79 Acres	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Mountain Charlie Gulch	30412040	Sedimentation/Siltation	Silviculture Road Construction Erosion/Siltation Nonpoint Source	Low	3.9 Miles	
3	L	Nacimiento Reservoir	30982000	Metals	Surface Mining Natural Sources	High	5736 Acres	2003
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	Source Unknown	Medium	74 Acres	
					Agriculture Irrigated Crop Production Agriculture-irrigation tailwater Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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	Boron <i>This listing was made by USEPA.</i>	Natural Sources	Low	4.7 Miles	
				Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source	Low	4.7 Miles	
				Nitrate	Source Unknown	Low	4.7 Miles	
3	R	Oso Flaco Creek	31210030	Fecal Coliform	Source Unknown	Low	6.3 Miles	
				Nitrate	Source Unknown	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	Source Unknown	Low	0.35 Miles	

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Coliform		Low	3.3 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source			
3	C	Pacific Ocean at Ocean Beach (Santa Barbara County)	31410050	Fecal Coliform		Low	0.06 Miles	
				Total Coliform	Source Unknown	Low	0.06 Miles	
3	C	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	31534012	Fecal Coliform		Low	0.06 Miles	
				Total Coliform	Source Unknown	Low	0.06 Miles	
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			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	32 Miles	
					Agriculture Irrigated Crop Production Range Grazing-Riparian and/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			
3	R	Rider Gulch Creek	30510010	Sedimentation/Siltation		Medium	1.8 Miles	
					Agriculture Silviculture Construction/Land Development			
3	R	Salinas Reclamation Canal	30911010	Fecal Coliform		Low	5.9 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources			
				Low Dissolved Oxygen		Low	5.9 Miles	
					Source Unknown			
				Nitrate		Low	5.9 Miles	
					Source Unknown			
				Pesticides		Medium	5.9 Miles	
					Minor Industrial Point Source Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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		Low	31 Miles	
				Nutrients	Source Unknown	Medium	31 Miles	
				Pesticides	Agriculture Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	Medium	31 Miles	
				Salinity/TDS/Chlorides		Low	31 Miles	
				Sedimentation/Siltation	Agriculture Natural Sources Nonpoint Source Agriculture Irrigated Crop Production Range Grazing-Riparian and/or Upland Agriculture-storm runoff Road Construction Land Development Channel Erosion Nonpoint Source	Medium	31 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	30981177	<b>Pesticides</b> <i>Area affected is the lower 20 miles of the middle Salinas River.</i>	<b>Agriculture</b> <b>Irrigated Crop Production</b> <b>Agriculture-storm runoff</b> <b>Agriculture-irrigation tailwater</b> <b>Agricultural Return Flows</b> <b>Nonpoint Source</b>	<b>Medium</b>	72 Miles	
				<b>Salinity/TDS/Chlorides</b> <i>Area affected is the lower 20 miles of the middle Salinas River.</i>	<b>Agriculture</b> <b>Natural Sources</b> <b>Nonpoint Source</b>	<b>Low</b>	72 Miles	
				<b>Sedimentation/Siltation</b>	<b>Agriculture</b> <b>Irrigated Crop Production</b> <b>Range Grazing-Riparian and/or Upland</b> <b>Agriculture-storm runoff</b> <b>Road Construction</b> <b>Land Development</b> <b>Channel Erosion</b> <b>Nonpoint Source</b>	<b>Medium</b>	72 Miles	
3	R	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	30981112	<b>Chloride</b>	<b>Agriculture</b> <b>Pasture Grazing-Riparian and/or Upland</b> <b>Urban Runoff/Storm Sewers</b>	<b>Low</b>	49 Miles	
				<b>Sodium</b>	<b>Agriculture</b> <b>Pasture Grazing-Riparian and/or Upland</b> <b>Urban Runoff/Storm Sewers</b>	<b>Low</b>	49 Miles	
3	E	Salinas River Lagoon (North)	30911010	<b>Nutrients</b>	<b>Nonpoint Source</b>	<b>Medium</b>	197 Acres	
				<b>Pesticides</b>	<b>Agriculture</b>	<b>Medium</b>	197 Acres	

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				Sedimentation/Siltation		Medium	197 Acres	
					Nonpoint Source			
3	E	Salinas River Refuge Lagoon (South)	30911010	Nutrients		Medium	30 Acres	
				Pesticides	Agriculture	Medium	30 Acres	
				Salinity/TDS/Chlorides	Agriculture	Low	30 Acres	
					Agriculture			
3	R	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	31300050	Boron		Low	14 Miles	
				<i>This listing was made by USEPA.</i>				
					Natural Sources			
3	R	San Antonio Creek (South Coast Watershed)	31531011	Sedimentation/Siltation		Low	6.5 Miles	
					Agriculture			
					Nonpoint Source			
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			

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3	R	San Lorenzo River	30412022	Nutrients	Septage Disposal Nonpoint Source	Low	27 Miles	
				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	Urban Runoff/Storm Sewers Natural Sources	Medium	66 Acres	
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		High	9.6 Miles	2004
				Priority Organics	Source Unknown	High	9.6 Miles	2002
					Source Unknown			
3	R	San Luisito Creek	31022011	Fecal Coliform	Source Unknown	Low	6.7 Miles	
3	R	Santa Maria River	31210030	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	Low	51 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrate		Low	51 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers			
3	R	Santa Ynez River	31410050	Nutrients	Nonpoint Source	Low	47 Miles	
				Salinity/TDS/Chlorides	Agriculture	Low	47 Miles	
				Sedimentation/Siltation	Agriculture Urban Runoff/Storm Sewers Resource Extraction	Low	47 Miles	
3	L	Schwan Lake	30412053	Nutrients	Nonpoint Source	Low	23 Acres	
				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	

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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	
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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Warden Creek	31023010	Fecal Coliform		Low	6 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	6 Miles	
					Source Unknown			
3	R	Watsonville Slough	30510030	Pathogens	Urban Runoff/Storm Sewers Source Unknown Nonpoint Source	Medium	6.2 Miles	
				Pesticides		Low	6.2 Miles	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Nonpoint Source			
				Sedimentation/Siltation		Medium	6.2 Miles	
				Agriculture Irrigated Crop Production Agriculture-storm runoff Nonpoint Source				
3	R	Zayante Creek	30412040	Sedimentation/Siltation		Low	9.2 Miles	
					Agriculture Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source			
4	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			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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								
4	C	Amarillo Beach	40431000	PCBs		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
Nonpoint Source								
4	R	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	40515010	High Coliform Count		High	5.2 Miles	2002
Nonpoint Source								
4	R	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	40515010	Trash		Low	5.2 Miles	
Nonpoint Source								
4	R	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	40515010	Algae		High	4.4 Miles	2002
Nonpoint Source								
4	R	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	40515010	High Coliform Count		High	4.4 Miles	2002
Nonpoint Source								
4	R	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	40515010	Trash		Low	4.4 Miles	
Nonpoint Source								
4	R	Ashland Avenue Drain	40513000	High Coliform Count		High	2.3 Miles	2002
Nonpoint Source								
4	R	Ashland Avenue Drain	40513000	Organic Enrichment/Low Dissolved Oxygen		Low	2.3 Miles	
Nonpoint Source								
4	R	Ashland Avenue Drain	40513000	Toxicity		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								

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Ballona Creek Estuary	40513000	Chlordane (tissue & sediment)	Nonpoint/Point Source	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
				Shellfish Harvesting Advisory	Nonpoint/Point Source	High	2.3 Miles	2003
				Zinc (sediment)	Nonpoint/Point Source	High	2.3 Miles	2003
								Nonpoint/Point Source
4	T	Ballona Creek Wetlands	40517000	Exotic Vegetation	Nonpoint Source	Low	289 Acres	
				Habitat alterations	Nonpoint Source	Low	289 Acres	
				Hydromodification	Nonpoint Source	Low	289 Acres	
				Reduced Tidal Flushing	Nonpoint Source	Low	289 Acres	
				Trash	Nonpoint Source	Low	289 Acres	
								Nonpoint Source
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

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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	0.74 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	
				PCBs <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Low	0.55 Miles	
4	R	Brown Barranca/Long Canyon	40321000	Nitrate and Nitrite	Nonpoint Source	High	2.6 Miles	2003
4	R	Burbank Western Channel	40521000	Algae	Nonpoint/Point Source	High	13 Miles	2002
				Ammonia	Nonpoint/Point Source	High	13 Miles	2002
				Cadmium	Nonpoint/Point Source	Low	13 Miles	
				Odors	Nonpoint/Point Source	High	13 Miles	2002
				Scum/Foam-unnatural	Nonpoint/Point Source	High	13 Miles	2002
				Trash	Nonpoint/Point Source	Low	13 Miles	
4	C	Cabrillo Beach (Inner) LA Harbor Area	40512000	Beach Closures (Coliform)	Nonpoint Source	High	0.56 Miles	2004

**2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS** *Approved by USEPA:  
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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	Medium	0.56 Miles	
				PCBs <i>Fish consumption advisory for PCBs.</i>	Nonpoint Source	Medium	0.56 Miles	
4	C	Cabrillo Beach (Outer)	40512000	Beach Closures	Nonpoint Source	High	0.58 Miles	2002
				DDT <i>Fish consumption advisory for DDT.</i>	Nonpoint Source	Low	0.58 Miles	
				High Coliform Count	Nonpoint Source	High	0.58 Miles	2002
				PCBs <i>Fish consumption advisory for PCBs.</i>	Nonpoint Source	Low	0.58 Miles	
4	E	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	40311000	Chlordane (tissue)	Nonpoint Source	Medium	344 Acres	
				Copper	Nonpoint/Point Source	Medium	344 Acres	
				DDT (tissue & sediment)	Nonpoint Source	Medium	344 Acres	
				Endosulfan (tissue)	Nonpoint Source	Medium	344 Acres	
				Mercury	Nonpoint/Point Source	Medium	344 Acres	
				Nickel	Nonpoint/Point Source	Medium	344 Acres	
				Nitrogen	Nonpoint/Point Source	High	344 Acres	2002
				PCBs (tissue)	Nonpoint/Point Source	Medium	344 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	344 Acres	

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	40312000	Chloride		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			
4	R	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	40311000	Algae	Nonpoint Source	High	7.2 Miles	2002
				Boron		Medium	7.2 Miles	
				<i>This listing was made by USEPA.</i>	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			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (tissue)	Nonpoint Source	Medium	7.2 Miles	
				Sedimentation/Siltation	Agriculture Natural Sources	Low	7.2 Miles	
				Selenium	Nonpoint Source	Medium	7.2 Miles	
				Sulfates	Nonpoint Source	Medium	7.2 Miles	
				<i>This listing was made by USEPA.</i>				
				Total Dissolved Solids	Nonpoint Source	Medium	7.2 Miles	
				<i>This listing was made by USEPA.</i>				
				Toxaphene (tissue & sediment)	Nonpoint Source	Medium	7.2 Miles	
				Toxicity	Nonpoint Source	High	7.2 Miles	2004
				Trash	Nonpoint Source	Low	7.2 Miles	
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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrogen		High	4.3 Miles	2002
					Nonpoint Source			
				PCBs (tissue)		Medium	4.3 Miles	
					Nonpoint Source			
				Sedimentation/Siltation		Low	4.3 Miles	
					Agriculture Natural Sources			
				Toxaphene (tissue & sediment)		Medium	4.3 Miles	
					Nonpoint Source			
				Toxicity		High	4.3 Miles	2004
					Nonpoint Source			
				Trash		Low	4.3 Miles	
					Nonpoint Source			
4	R	Calleguas Creek Reach 6 ( was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	40362000					
				Ammonia		High	15 Miles	2002
					Nonpoint/Point Source			
				Chloride		Medium	15 Miles	
					Nonpoint/Point Source			
				DDT (sediment)		Medium	15 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	15 Miles	
					Nonpoint/Point Source			
				Nitrate and Nitrite		High	15 Miles	2002
					Nonpoint/Point Source			
				Nitrate as Nitrate (NO3)		High	15 Miles	2002
					Nonpoint/Point Source			
				Sedimentation/Siltation		Low	15 Miles	
					Agriculture Natural Sources			
				Sulfates		High	15 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		High	15 Miles	2003
					Nonpoint/Point Source			
4	R	Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	40367000					
				Ammonia		High	14 Miles	2002
					Nonpoint/Point Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Boron		High	14 Miles	2003
				Chloride	Nonpoint Source	Medium	14 Miles	
				Fecal Coliform	Nonpoint Source	Low	14 Miles	
				Organophosphorus Pesticides	Nonpoint Source	Low	14 Miles	
					Municipal Point Sources			
					Agriculture			
				Sedimentation/Siltation		Low	14 Miles	
					Agriculture			
					Natural Sources			
				Sulfates		High	14 Miles	2003
					Nonpoint Source			
				Total Dissolved Solids		High	14 Miles	2003
					Nonpoint Source			
4	R	Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	40366000					
				Boron		High	7.2 Miles	2003
				Chloride	Nonpoint/Point Source	High	7.2 Miles	2002
				Sedimentation/Siltation	Nonpoint/Point Source	Low	7.2 Miles	
				Sulfates	Nonpoint Source	High	7.2 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	7.2 Miles	2003
					Nonpoint/Point Source			
4	R	Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	40312000					
				Algae		High	1.7 Miles	2002
				ChemA (tissue)	Nonpoint/Point Source	Low	1.7 Miles	
				Chlordane (tissue)	Nonpoint Source	Low	1.7 Miles	
					<i>Historical use of pesticides and lubricants.</i>			
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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	
				Nitrite as Nitrogen	Nonpoint/Point Source	Low	1.7 Miles	
				PCBs (tissue) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Low	1.7 Miles	
				Sulfates	Nonpoint/Point Source	High	1.7 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	1.7 Miles	2003
				Toxaphene (tissue & sediment)	Nonpoint Source	Medium	1.7 Miles	
4	R	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	40363000	Algae	Nonpoint/Point Source	High	6.2 Miles	2002
				Ammonia	Nonpoint/Point Source	High	6.2 Miles	2002
				ChemA (tissue)	Nonpoint Source	Low	6.2 Miles	
				Chloride	Nonpoint/Point Source	Medium	6.2 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT (tissue)	Nonpoint Source	Low	6.2 Miles	
				Endosulfan (tissue)	Nonpoint Source	Low	6.2 Miles	
				Fecal Coliform	Nonpoint/Point Source	Low	6.2 Miles	
				Sulfates	Nonpoint/Point Source	High	6.2 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	6.2 Miles	2003
				Toxaphene (tissue & sediment)	Nonpoint Source	Medium	6.2 Miles	
				Toxicity	Nonpoint/Point Source	High	6.2 Miles	2004
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	Nonpoint/Point Source	High	3 Miles	2002
				Ammonia	Nonpoint/Point Source	High	3 Miles	2002
				ChemA (tissue)	Nonpoint Source	Medium	3 Miles	
				Chloride	Nonpoint/Point Source	Medium	3 Miles	
				DDT (tissue)	Nonpoint Source	Medium	3 Miles	
				Endosulfan (tissue)	Nonpoint Source	Medium	3 Miles	
				Fecal Coliform	Nonpoint Source	Low	3 Miles	
				Nitrite as Nitrogen	Nonpoint/Point Source	Low	3 Miles	
				Sulfates	Nonpoint Source	High	3 Miles	2003
				Total Dissolved Solids	Nonpoint/Point Source	High	3 Miles	2003

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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			
				ChemA (tissue)		Medium	17 Miles	
					Nonpoint Source			
				Chloride		Medium	17 Miles	
					Nonpoint/Point Source			
				DDT (tissue)		Medium	17 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Medium	17 Miles	
					Nonpoint Source			
				Sulfates		High	17 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		High	17 Miles	2003
					Nonpoint/Point Source			
				Toxaphene (tissue & sediment)		Medium	17 Miles	
					Nonpoint Source			
				Toxicity		High	17 Miles	2004
					Nonpoint/Point Source			
4	R	Canada Larga (Ventura River Watershed)	40210010					
				Fecal Coliform		Low	8 Miles	
					<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
					Nonpoint Source			

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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	1.5 Miles	
				PCBs <i>Fish consumption advisory for PCBs.</i>	Nonpoint Source	Low	1.5 Miles	
4	C	Castlerock Beach	40513000	Bacteria Indicators	Nonpoint/Point Source	Low	0.21 Miles	
				Beach Closures	Nonpoint Source	High	0.21 Miles	2002
				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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sediment Toxicity		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
				Lead	Nonpoint/Point Source	High	8.5 Miles	2003
				pH	Nonpoint/Point Source	High	8.5 Miles	2002
4	R	Coyote Creek	40515010	Abnormal Fish Histology	Nonpoint/Point Source	Medium	13 Miles	
				Algae	Nonpoint/Point Source	High	13 Miles	2003
				Copper, Dissolved	Nonpoint Source	Low	13 Miles	
				High Coliform Count	Nonpoint/Point Source	High	13 Miles	2003
				Lead, Dissolved	Nonpoint Source	Low	13 Miles	
				Selenium, Total	Nonpoint Source	Low	13 Miles	
				Toxicity	Point Source	Medium	13 Miles	
				<i>This listing was made by USEPA.</i>				
				Zinc, Dissolved	Nonpoint Source	Low	13 Miles	
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			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	Dockweiler Beach	40512000	Beach Closures		High	4.6 Miles	2002
				High Coliform Count	Nonpoint Source	High	4.6 Miles	2002
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4	R	Dominguez Channel (above Vermont)	40512000	Aldrin (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
				Ammonia	Nonpoint/Point Source	Medium	6.7 Miles	
				ChemA (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
				Chlordane (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
				Chromium (sediment)	Nonpoint/Point Source	Medium	6.7 Miles	
				Copper	Nonpoint/Point Source	Medium	6.7 Miles	
				DDT (tissue & sediment)	Nonpoint/Point Source	Medium	6.7 Miles	
				Dieldrin (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
				High Coliform Count	Nonpoint/Point Source	High	6.7 Miles	2003
				Lead (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
				PAHs (sediment)	Nonpoint/Point Source	Medium	6.7 Miles	
				PCBs (tissue)	Nonpoint/Point Source	Medium	6.7 Miles	
				Zinc (sediment)	Nonpoint/Point Source	Low	6.7 Miles	
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4	R	Dominguez Channel (Estuary to Vermont)	40512000	Aldrin (tissue)		Medium	8.3 Miles	
				Ammonia	Nonpoint/Point Source	Medium	8.3 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Benthic Community Effects		Medium	8.3 Miles	
				ChemA (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
				Chlordane (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
				Chromium (sediment)	Nonpoint/Point Source	Medium	8.3 Miles	
				DDT (tissue & sediment)	Nonpoint/Point Source	Medium	8.3 Miles	
				Dieldrin (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
				High Coliform Count	Nonpoint/Point Source	High	8.3 Miles	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	
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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			
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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			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sediment Toxicity		Medium	12 Miles	
				Toxaphene (tissue)	Nonpoint Source	Medium	12 Miles	
				Toxicity	Nonpoint Source	High	12 Miles	2004
					Nonpoint Source			
4	L	Echo Park Lake	40515010	Algae		Low	13 Acres	
					Nonpoint Source			
				Ammonia		Low	13 Acres	
					Nonpoint Source			
				Copper		Low	13 Acres	
					Nonpoint Source			
				Eutrophic		Low	13 Acres	
					Nonpoint Source			
				Lead		Low	13 Acres	
					Nonpoint Source			
				Odors		Low	13 Acres	
					Nonpoint Source			
				PCBs (tissue)		Low	13 Acres	
					Nonpoint Source			
				pH		Low	13 Acres	
					Nonpoint Source			
4	L	El Dorado Lakes	40515010	Algae		Medium	35 Acres	
					Nonpoint Source			
				Ammonia		Medium	35 Acres	
					Nonpoint Source			
				Copper		Medium	35 Acres	
					Nonpoint Source			
				Eutrophic		Medium	35 Acres	
					Nonpoint Source			
				Lead		Medium	35 Acres	
					Nonpoint Source			
				Mercury (tissue)		Medium	35 Acres	
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				pH		Medium	35 Acres	
					Nonpoint Source			
4	L	Elizabeth Lake	40351000	Eutrophic		Medium	123 Acres	
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Medium	123 Acres	
					Nonpoint Source			
				pH		Medium	123 Acres	
					Nonpoint Source			
				Trash		Medium	123 Acres	
					Nonpoint Source			
4	C	Escondido Beach	40434000	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	C	Flat Rock Point Beach Area	40511000	Beach Closures		High	0.11 Miles	2002
					Nonpoint Source			
				DDT		Low	0.11 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				PCBs		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
					Nonpoint Source			
				Nitrate and Nitrite		High	6.7 Miles	2002
					Nonpoint Source			
				Sulfates		High	6.7 Miles	2003
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Total Dissolved Solids		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	
				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 Calababas	40521000	Ammonia		Low	18 Acres	
					Nonpoint Source			
				DDT (tissue)		Low	18 Acres	
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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			
				Eutrophic		Medium	21 Acres	
					Nonpoint Source			
				Fish Kills		Medium	21 Acres	
					Nonpoint Source			
				Odors		Medium	21 Acres	
					Nonpoint Source			
				Trash		Medium	21 Acres	
					Nonpoint Source			
4	L	Lake Lindero	40423000					
				Algae		High	15 Acres	2002
					Nonpoint Source			
				Chloride		Low	15 Acres	
					Nonpoint Source			
				Eutrophic		High	15 Acres	2002
					Nonpoint Source			
				Odors		High	15 Acres	2002
					Nonpoint Source			
				Specific conductivity		Low	15 Acres	
					Nonpoint Source			
				Trash		Medium	15 Acres	
					Nonpoint Source			
4	L	Lake Sherwood	40426000					
				Algae		High	135 Acres	2003
					Nonpoint Source			
				Ammonia		High	135 Acres	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Eutrophic		High	135 Acres	2002
					Nonpoint Source			
				Mercury (tissue)		High	135 Acres	2004
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		High	135 Acres	2002
					Nonpoint Source			
4	C	Las Flores Beach	40415000					
				DDT		Low	1.1 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				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			

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Scum/Foam-unnatural		High	3 Miles	2002
					Nonpoint Source			
				Selenium		High	3 Miles	2004
					Nonpoint Source			
				Trash		Medium	3 Miles	
					Nonpoint Source			
4	R	Lindero Creek Reach 2 (Above Lake)	40425000					
				Algae		High	4.5 Miles	2003
					Nonpoint Source			
				High Coliform Count		High	4.5 Miles	2003
					Nonpoint Source			
				Scum/Foam-unnatural		High	4.5 Miles	2002
					Nonpoint Source			
				Selenium		High	4.5 Miles	2004
					Nonpoint Source			
				Trash		Medium	4.5 Miles	
					Nonpoint Source			
4	B	Long Beach Harbor Main Channel, SE, W Basin, Pier J, Breakwater	40518000					
				Benthic Community Effects		Medium	1076 Acres	
					Nonpoint Source			
				DDT (tissue) <i>Fish Consumption Advisory.</i>		Medium	1076 Acres	
					Nonpoint Source			
				PAHs (sediment)		Medium	1076 Acres	
					Nonpoint Source			
				PCBs (tissue) <i>Fish Consumption Advisory.</i>		Medium	1076 Acres	
					Nonpoint Source			
				Sediment Toxicity		Medium	1076 Acres	
					Nonpoint Source			
4	C	Long Point Beach	40511000					
				DDT <i>Fish Consumption Advisory for DDT.</i>		Low	0.7 Miles	
					Nonpoint Source			
				High Coliform Count		High	0.7 Miles	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		Low	0.7 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	B	Los Angeles Fish Harbor	40518000	DDT		Medium	34 Acres	
					Nonpoint Source			
				PAHs		Medium	34 Acres	
					Nonpoint Source			
				PCBs		Medium	34 Acres	
					Nonpoint Source			
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			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (tissue & sediment) <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Medium	36 Acres	
				Sediment Toxicity	Nonpoint Source	Medium	36 Acres	
				Toxaphene (tissue)	Nonpoint Source	Low	36 Acres	
				Zinc (sediment) <i>Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.</i>	Nonpoint Source	Low	36 Acres	
4	B	Los Angeles Harbor Inner Breakwater	40512000	DDT	Nonpoint Source	Medium	74 Acres	
				PAHs	Nonpoint Source	Medium	74 Acres	
				PCBs	Nonpoint Source	Medium	74 Acres	
4	B	Los Angeles Harbor Main Channel	40518000	Beach Closures	Nonpoint/Point Source	High	279 Acres	2004
				Copper (tissue & sediment)	Nonpoint/Point Source	Medium	279 Acres	
				DDT (tissue & sediment) <i>Fish Consumption Advisory for DDT.</i>	Nonpoint/Point Source	Medium	279 Acres	
				PAHs (tissue & sediment)	Nonpoint/Point Source	Medium	279 Acres	
				PCBs (tissue & sediment) <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint/Point Source	Medium	279 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	279 Acres	
				Zinc (tissue & sediment)	Nonpoint/Point Source	Medium	279 Acres	
4	B	Los Angeles Harbor Southwest Slip	40512000	DDT <i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Medium	63 Acres	

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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>		Medium	63 Acres	
					<b>Nonpoint Source</b>			
				Sediment Toxicity		Medium	63 Acres	
					<b>Nonpoint Source</b>			
4	E	Los Angeles River Estuary (Queensway Bay)	40512000					
				<b>Chlordane (sediment)</b> <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					<b>Nonpoint Source</b>			
				<b>DDT (sediment)</b> <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					<b>Nonpoint Source</b>			
				<b>Lead (sediment)</b> <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					<b>Nonpoint Source</b>			
				<b>PCBs (sediment)</b> <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					<b>Nonpoint Source</b>			
				<b>Zinc (sediment)</b> <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					<b>Nonpoint Source</b>			
4	R	Los Angeles River Reach 1 (Estuary to Carson Street)	40512000					
				Aluminum, Total		Low	3.4 Miles	
					<b>Nonpoint/Point Source</b>			
				Ammonia		High	3.4 Miles	2003
					<b>Nonpoint/Point Source</b>			
				Cadmium, Dissolved		Low	3.4 Miles	
					<b>Nonpoint/Point Source</b>			
				Copper, Dissolved		High	3.4 Miles	2003
					<b>Nonpoint/Point Source</b>			
				High Coliform Count		High	3.4 Miles	2003
					<b>Nonpoint/Point Source</b>			
				Lead		High	3.4 Miles	2003
					<b>Nonpoint/Point Source</b>			
				Nutrients (Algae)		High	3.4 Miles	2003
					<b>Nonpoint/Point Source</b>			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				pH		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
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 2 (Carson to Figueroa Street)	40515010					
				Ammonia		High	19 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	19 Miles	2003
					Nonpoint/Point Source			
				Lead		High	19 Miles	2003
					Nonpoint/Point Source			
				Nutrients (Algae)		High	19 Miles	2003
					Nonpoint/Point Source			
				Odors		High	19 Miles	2003
					Nonpoint/Point Source			
				Oil		Low	19 Miles	
					Nonpoint/Point Source			
				Scum/Foam-unnatural		High	19 Miles	2002
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	40521000					
				Ammonia		High	7.9 Miles	2003
					Nonpoint/Point Source			
				Nutrients (Algae)		High	7.9 Miles	2003
					Nonpoint/Point Source			
				Odors		High	7.9 Miles	2003
					Nonpoint/Point Source			
				Scum/Foam-unnatural		High	7.9 Miles	2003
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	40521000					
				Ammonia		High	11 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	11 Miles	2003
					Nonpoint/Point Source			

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				Lead		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
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	

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				High Coliform Count		Medium	31 Acres	
					Nonpoint Source			
				Lead		Medium	31 Acres	
					Nonpoint Source			
				Zinc		Medium	31 Acres	
					Nonpoint Source			
4	C	Lunada Bay Beach	40511000					
				Beach Closures		Low	0.63 Miles	
					Nonpoint Source			
4	L	Machado Lake (Harbor Park Lake)	40512000					
				Algae		Low	45 Acres	
					Nonpoint Source			
				Ammonia		Low	45 Acres	
					Nonpoint Source			
				ChemA (tissue)		Medium	45 Acres	
				<i>Historical use of pesticides and lubricants.</i>				
					Nonpoint Source			
				Chlordane (tissue)		Low	45 Acres	
				<i>Fish Consumption Advisory.</i>				
					Nonpoint Source			
				DDT (tissue)		Low	45 Acres	
				<i>Fish Consumption Advisory.</i>				
					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			

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				DDT <i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Low	0.39 Miles	
				PCBs <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Low	0.39 Miles	
4	L	Malibu Lake	40424000	Algae	Nonpoint Source	High	40 Acres	2002
				Eutrophic	Nonpoint Source	High	40 Acres	2002
				Organic Enrichment/Low Dissolved Oxygen	Nonpoint Source	High	40 Acres	2002
4	C	Malibu Beach	40421000	Beach Closures	Nonpoint Source	High	0.77 Miles	2002
				DDT <i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Low	0.77 Miles	
4	R	Malibu Creek	40421000	Fish barriers	Dam Construction	Low	11 Miles	
				High Coliform Count	Nonpoint/Point Source	High	11 Miles	2003
				Nutrients (Algae)	Nonpoint/Point Source	High	11 Miles	2003
				Scum/Foam-unnatural	Nonpoint/Point Source	High	11 Miles	2003
				Sedimentation/Siltation	Source Unknown	Low	11 Miles	
				Trash	Nonpoint Source	Medium	11 Miles	
4	E	Malibu Lagoon	40421000	Benthic Community Effects	Nonpoint/Point Source	Low	15 Acres	
				Enteric Viruses	Nonpoint/Point Source	High	15 Acres	2002

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				Eutrophic		High	15 Acres	2002
				High Coliform Count	Nonpoint/Point Source	High	15 Acres	2003
				pH	Nonpoint/Point Source	Low	15 Acres	
				<i>Possible sources might be septic systems, storm drains, and birds.</i>				
				Shellfish Harvesting Advisory	Source Unknown	High	15 Acres	2002
				Swimming Restrictions	Nonpoint/Point Source	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>				
				High Coliform Count	Nonpoint Source	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			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead (sediment)	Nonpoint Source	Medium	391 Acres	
				PCBs (tissue & sediment)	Nonpoint Source	Medium	391 Acres	
				<i>Historical use of pesticides, storm water runoff/aerial deposition from urban areas. Shellfish harvesting advisory for PCBs in tissue.</i>				
				Sediment Toxicity	Nonpoint Source	Medium	391 Acres	
				Zinc (sediment)	Nonpoint Source	Medium	391 Acres	
4	C	Marina del Rey Harbor Beach	40517000	Beach Closures	Nonpoint Source	High	0.29 Miles	2003
				High Coliform Count	Nonpoint Source	High	0.29 Miles	2003
4	R	Matilija Creek Reach 1 (Jct. With N. Fork to Reservoir)	40220012	Fish barriers	Dam Construction	Low	0.63 Miles	
4	R	Matilija Creek Reach 2 (Above Reservoir)	40220010	Fish barriers	Dam Construction	Low	15 Miles	
4	L	Matilija Reservoir	40220012	Fish barriers	Dam Construction	Low	121 Acres	
4	R	McCoy Canyon Creek	40521000	Fecal Coliform	Nonpoint Source	Low	4 Miles	
				Nitrate	Nonpoint Source	Low	4 Miles	
				Nitrate as Nitrogen	Urban Runoff/Storm Sewers Natural Sources	Low	4 Miles	
				Selenium, Total	Urban Runoff/Storm Sewers Natural Sources	Low	4 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	C	McGrath Beach	40311000	High Coliform Count	Nonpoint Source	High	1.5 Miles	2003
4	L	McGrath Lake	40311000	Chlordane (sediment)	Nonpoint Source	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	Agriculture Landfills Natural Sources	Low	20 Acres	
				PCBs (sediment)	Nonpoint Source	Low	20 Acres	
				<i>Historical use of pesticides and lubricants, storm water runoff/aerial deposition from agricultural fields.</i>				
				Sediment Toxicity	Nonpoint Source	Medium	20 Acres	
4	R	Medea Creek Reach 1 (Lake to Confl. with Lindero)	40424000	Algae	Nonpoint Source	High	2.6 Miles	2003
				High Coliform Count	Nonpoint Source	High	2.6 Miles	2003
				Sedimentation/Siltation	Source Unknown	Low	2.6 Miles	
				Selenium	Nonpoint Source	High	2.6 Miles	2004
				Trash	Nonpoint Source	Medium	2.6 Miles	
4	R	Medea Creek Reach 2 (Abv Confl. with Lindero)	40423000	Algae	Nonpoint Source	High	5.4 Miles	2003
				High Coliform Count	Nonpoint Source	High	5.4 Miles	2003

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				Sedimentation/Siltation		Low	5.4 Miles	
					Source Unknown			
				Selenium		High	5.4 Miles	2004
					Nonpoint Source			
				Trash		Medium	5.4 Miles	
					Nonpoint Source			
4	R	Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)	40351000					
				Nitrate and Nitrite		High	8.1 Miles	2003
					Nonpoint Source			
4	R	Monrovia Canyon Creek	40531000					
				Lead		High	3.4 Miles	2003
					Nonpoint Source			
4	L	Munz Lake	40351000					
				Eutrophic		Medium	6.6 Acres	
					Nonpoint Source			
				Trash		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			

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				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>				
				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			

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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 <i>Fish consumption advisory for DDT.</i>	Nonpoint Source	Low	2.5 Miles	
				PCBs <i>Fish consumption advisory for PCBs.</i>	Nonpoint Source	Low	2.5 Miles	
4	C	Point Fermin Park Beach	40512000	Beach Closures	Nonpoint Source	High	1.6 Miles	2002
				DDT <i>Fish consumption advisory for DDT.</i>	Nonpoint Source	Low	1.6 Miles	
				PCBs <i>Fish consumption advisory for PCBs.</i>	Nonpoint Source	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	

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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)	Nonpoint Source	Medium	65 Acres	
				PCBs (tissue)	Nonpoint Source	Medium	65 Acres	
4	C	Portugese Bend Beach	40511000	Beach Closures		High	1.4 Miles	2002
				DDT	Nonpoint Source	Low	1.4 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				PCBs	Nonpoint Source	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)	Nonpoint Source	Medium	243 Acres	
				DDT (tissue)	Nonpoint Source	Medium	243 Acres	
				Mercury (tissue)	Nonpoint Source	Medium	243 Acres	
				Organic Enrichment/Low Dissolved Oxygen	Nonpoint Source	Low	243 Acres	
				PCBs (tissue)	Nonpoint Source	Low	243 Acres	
					Nonpoint Source			
4	C	Puerco Beach	40431000	Beach Closures		High	0.5 Miles	2002
				DDT	Nonpoint Source	Low	0.5 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			

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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	
					<b>Nonpoint Source</b>			
4	C	Redondo Beach	40512000	Beach Closures		High	1.5 Miles	2002
					<b>Nonpoint Source</b>			
				DDT <i>Fish Consumption Advisory for DDT.</i>		Low	1.5 Miles	
					<b>Nonpoint Source</b>			
				High Coliform Count		High	1.5 Miles	2002
					<b>Nonpoint Source</b>			
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	1.5 Miles	
					<b>Nonpoint Source</b>			
4	C	Resort Point Beach	40511000	Beach Closures		High	0.15 Miles	2002
					<b>Nonpoint Source</b>			
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	
					<b>Nonpoint/Point Source</b>			
4	R	Rio De Santa Clara/Oxnard Drain No. 3	40311000	ChemA (tissue)		Medium	1.9 Miles	
					<b>Nonpoint Source</b>			
				Chlordane (tissue)		Medium	1.9 Miles	
					<b>Nonpoint Source</b>			
				DDT (tissue)		Medium	1.9 Miles	
					<b>Nonpoint Source</b>			
				Nitrogen		High	1.9 Miles	2002
					<b>Nonpoint Source</b>			
				PCBs (tissue)		Medium	1.9 Miles	
					<b>Nonpoint Source</b>			
				Sediment Toxicity		Medium	1.9 Miles	
					<b>Nonpoint Source</b>			
				Toxaphene (tissue)		Medium	1.9 Miles	
					<b>Nonpoint Source</b>			

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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
								Nonpoint/Point Source
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	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	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	Nonpoint Source	Low	1.1 Miles	
				<i>Fish consumption advisory for DDT.</i>				
				PCBs	Nonpoint Source	Low	1.1 Miles	
				<i>Fish consumption advisory for PCBs.</i>				
					Nonpoint Source			

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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
				Toxicity <i>This listing was made by USEPA.</i>	Point Source	Medium	6.4 Miles	
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 Gabriel River Reach 3 (Whittier Narrows to Ramona)	40531000	Toxicity <i>This listing was made by USEPA.</i>	Point Source	Medium	7.2 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
4	R	San Jose Creek Reach 1 (SG Confluence to Temple St.)	40531000	Algae	Nonpoint/Point Source	Low	2.7 Miles	
				High Coliform Count		Low	2.7 Miles	
4	R	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	40531000	Algae	Nonpoint/Point Source	High	17 Miles	2003
				High Coliform Count		High	17 Miles	2003
4	B	San Pedro Bay Near/Off Shore Zones	40512000	Chromium (sediment)	Nonpoint/Point Source	Low	5758 Acres	
				Copper (sediment)		Low	5758 Acres	
				DDT (tissue & sediment)		Medium	5758 Acres	
				<i>Fish Consumption Advisory for DDT.</i>				
				PAHs (sediment)		Medium	5758 Acres	
				PCBs		Medium	5758 Acres	
				<i>Fish consumption advisory for PCBs.</i>				
				Sediment Toxicity		Medium	5758 Acres	
				Zinc (sediment)		Low	5758 Acres	
4	E	Santa Clara River Estuary	40311000	ChemA	Source Unknown	Medium	49 Acres	
				High Coliform Count		Medium	49 Acres	
				Toxaphene		Medium	49 Acres	

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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
				Total Dissolved Solids	Nonpoint/Point Source	Low	31 Miles	
4	R	Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)	40351000	Chloride <i>Chloride was relisted by USEPA.</i>	Nonpoint/Point Source	High	9.4 Miles	2002
				High Coliform Count	Nonpoint/Point Source	Medium	9.4 Miles	
				Nitrate and Nitrite	Nonpoint/Point Source	Low	9.4 Miles	
4	R	Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd.)	40351000	Chloride <i>Chloride was relisted by USEPA.</i>	Nonpoint/Point Source	High	5.2 Miles	2002
				High Coliform Count	Nonpoint/Point Source	Medium	5.2 Miles	
4	R	Santa Clara River Reach 9 (Bouquet Canyon Rd to above Lang Gaging Station)	40351000	High Coliform Count	Nonpoint/Point Source	Medium	21 Miles	
4	L	Santa Fe Dam Park Lake	40531000	Copper	Nonpoint Source	Medium	20 Acres	
				Lead	Nonpoint Source	Medium	20 Acres	
				pH	Nonpoint Source	Medium	20 Acres	
4	B	Santa Monica Bay Offshore/Nearshore	40513000	Chlordane (sediment)	Nonpoint/Point Source	Medium	146645 Acres	

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				DDT (tissue & sediment) <i>Centered on Palos Verdes Shelf.</i>		Low	146645 Acres	
					Nonpoint/Point Source			
				Debris		Low	146645 Acres	
					Nonpoint/Point Source			
				Fish Consumption Advisory		Low	146645 Acres	
					Nonpoint/Point Source			
				PAHs (sediment)		Low	146645 Acres	
					Nonpoint/Point Source			
				PCBs (tissue & sediment)		Low	146645 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Low	146645 Acres	
					Nonpoint/Point Source			
4	C	Santa Monica Beach	40513000					
				Beach Closures		High	3 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	3 Miles	2002
					Nonpoint Source			
4	R	Santa Monica Canyon	40513000					
				High Coliform Count		High	2.7 Miles	2002
					Nonpoint Source			
				Lead		Medium	2.7 Miles	
					Nonpoint Source			
4	C	Sea Level Beach	40441000					
				Beach Closures		High	0.21 Miles	2002
					Nonpoint Source			
				DDT <i>Fish Consumption Advisory for DDT.</i>		Low	0.21 Miles	
					Nonpoint Source			
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	0.21 Miles	
					Nonpoint Source			
4	R	Sepulveda Canyon	405.13					
				Ammonia		Low	0.83 Miles	
					Nonpoint Source			
				High Coliform Count		High	0.83 Miles	2002
					Nonpoint Source			

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				Lead		Medium	0.83 Miles	
					Nonpoint Source			
4	R	Sespe Creek (tributary to Santa Clara River Reach 3)	40332020	Chloride		Low	63 Miles	
					Nonpoint Source			
				pH		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 <i>Area affected is the end of the access path via a wooden gate.</i>		Low	0.53 Miles	
					Nonpoint/Point Source			
4	C	Topanga Beach	40413000	Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				DDT <i>Fish Consumption Advisory for DDT.</i>		Low	2.5 Miles	
					Nonpoint Source			
				High Coliform Count		High	2.5 Miles	2002
					Nonpoint Source			
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	2.5 Miles	
					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			

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				High Coliform Count		High	3.4 Miles	2003
				Lead	Nonpoint Source	Medium	3.4 Miles	
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		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			

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				High Coliform Count		High	9.7 Miles	2002
					Nonpoint Source			
				Odors		High	9.7 Miles	2002
					Nonpoint Source			
				Scum/Foam-unnatural		High	9.7 Miles	2002
					Nonpoint Source			
				Trash		Low	9.7 Miles	
					Nonpoint Source			
4	C	Venice Beach	40513000					
				Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	2.5 Miles	2002
					Nonpoint Source			
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			

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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			

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				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			
4	C	Zuma Beach (Westward Beach)	40436000					
				Beach Closures		High	1.6 Miles	2002
					Nonpoint Source			

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				DDT <i>Fish Consumption Advisory for DDT.</i>	Nonpoint Source	Low	1.6 Miles	
				PCBs <i>Fish Consumption Advisory for PCBs.</i>	Nonpoint Source	Low	1.6 Miles	
5	R	American River, Lower (Nimbus Dam to confluence with Sacramento River)	51921000	Mercury <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	27 Miles	
				Unknown Toxicity	Source Unknown	Low	27 Miles	
5	R	Arcade Creek	51921000	Chlorpyrifos	Urban Runoff/Storm Sewers	High	9.9 Miles	2003
				Copper	Urban Runoff/Storm Sewers	Low	9.9 Miles	
				Diazinon <i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>	Agriculture Urban Runoff/Storm Sewers	High	9.9 Miles	2003
5	R	Avena Drain	53140000	Ammonia	Agriculture Dairies	Low	6.4 Miles	
				Pathogens	Agriculture Dairies	Low	6.4 Miles	
5	R	Bear Creek	51320023	Mercury	Resource Extraction	Medium	15 Miles	
5	R	Bear River, Lower (below Camp Far West Reservoir)	51510000	Diazinon	Agriculture	Medium	21 Miles	

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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	
5	L	Camp Far West Reservoir	51631013	Mercury	Resource Extraction	Medium	1945 Acres	

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5	R	Chicken Ranch Slough	51921000	Chlorpyrifos	Urban Runoff/Storm Sewers	High	8 Miles	2003
				Diazinon	<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i> Agriculture Urban Runoff/Storm Sewers	High	8 Miles	2003
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	
5	L	Combie, Lake	51633011	Mercury	Resource Extraction	Medium	362 Acres	
				<i>All resource extraction sources are abandoned mines.</i>				

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5	L	Davis Creek Reservoir	51332010	Mercury	Resource Extraction	Low	163 Acres	
5	R	Deer Creek (Yuba County)	51712014	pH	Internal Nutrient Cycling (primarily lakes)	Low	4.3 Miles	
5	R	Del Puerto Creek	54110000	Chlorpyrifos	Agriculture	Low	6.5 Miles	
				Diazinon	Agriculture	Low	6.5 Miles	
5	E	Delta Waterways (eastern portion)	51000000	Chlorpyrifos	Agriculture Urban Runoff/Storm Sewers	High	20135 Acres	2004
				DDT	Agriculture	Low	20135 Acres	
				Diazinon	Agriculture Urban Runoff/Storm Sewers	High	20135 Acres	2004
				Group A Pesticides	Agriculture	Low	20135 Acres	
				Mercury	Agriculture	Medium	20135 Acres	
				<i>All resource extraction sources are abandoned mines.</i>				
				Unknown Toxicity	Resource Extraction	Low	20135 Acres	
					Source Unknown			
5	E	Delta Waterways (Stockton Ship Channel)	54400000	Chlorpyrifos	Agriculture Urban Runoff/Storm Sewers	High	952 Acres	2004
				DDT	Agriculture	Low	952 Acres	
				Diazinon	Agriculture Urban Runoff/Storm Sewers	High	952 Acres	2004

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				Group A Pesticides		Low	952 Acres	
				Mercury	Agriculture	Medium	952 Acres	
				<i>All resource extraction sources are abandoned mines.</i>				
				Organic Enrichment/Low Dissolved Oxygen	Resource Extraction	High	952 Acres	2004
				Unknown Toxicity	Municipal Point Sources Urban Runoff/Storm Sewers	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>				
				Unknown Toxicity	Resource Extraction	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			
5	L	Don Pedro Lake	53632010	Mercury		Low	11056 Acres	
					Resource Extraction			

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5	R	Dunn Creek (Mt Diablo Mine to Marsh Creek)	54300021	Mercury <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	0.7 Miles	
				Metals <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	0.7 Miles	
5	R	Elder Creek	51911000	Chlorpyrifos	Urban Runoff/Storm Sewers	High	11 Miles	2003
				Diazinon <i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>	Agriculture Urban Runoff/Storm Sewers	High	11 Miles	2003
5	R	Elk Grove Creek	51911000	Diazinon <i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>	Agriculture Urban Runoff/Storm Sewers	High	6.9 Miles	2003
5	L	Englebright Lake	51714013	Mercury <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Medium	754 Acres	
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
				Group A Pesticides	Agriculture	Low	42 Miles	
				Mercury <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Medium	42 Miles	

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				Unknown Toxicity		Low	42 Miles	
					Source Unknown			
5	R	Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	54400000	Chlorpyrifos		Medium	1.6 Miles	
				Diazinon	Urban Runoff/Storm Sewers	Medium	1.6 Miles	
				<i>The agricultural source of diazinon for this waterbody is from aerial deposition.</i>				
					Agriculture			
				Organic Enrichment/Low Dissolved Oxygen	Urban Runoff/Storm Sewers	Low	1.6 Miles	
				Pathogens	Urban Runoff/Storm Sewers	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			
				Chlorpyrifos	Agriculture	Low	8.3 Miles	
				Diazinon	Agriculture	Low	8.3 Miles	
				Unknown Toxicity	Agriculture	Low	8.3 Miles	
					Agriculture			
5	R	Harley Gulch	51332022	Mercury		Medium	6 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			

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5	R	Horse Creek (Rising Star Mine to Shasta Lake)	50610000	<b>Cadmium</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	0.52 Miles	
				<b>Copper</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	0.52 Miles	
				<b>Lead</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	0.52 Miles	
				<b>Zinc</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	0.52 Miles	
5	R	Humbug Creek	51732030	<b>Copper</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	2.2 Miles	
				<b>Mercury</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	2.2 Miles	
				<b>Sedimentation/Siltation</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	2.2 Miles	
				<b>Zinc</b> <i>All resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	2.2 Miles	
5	R	Ingram/Hospital Creek	54110000	<b>Chlorpyrifos</b>	<b>Agricultural Return Flows</b>	Low	1 Miles	
				<b>Diazinon</b>	<b>Agricultural Return Flows</b>	Low	1 Miles	
5	R	Jack Slough	51540000	<b>Diazinon</b>	<b>Agriculture</b>	Medium	14 Miles	
5	R	James Creek	51224010	<b>Mercury</b> <i>Resource extraction sources are abandoned mines.</i>	<b>Resource Extraction</b>	Low	6.3 Miles	

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				Nickel <i>Resource extraction sources are abandoned mines.</i>		Low	6.3 Miles	
					<b>Resource Extraction</b>			
5	R	Kanaka Creek	51742022	Arsenic <i>All resource extraction sources are abandoned mines.</i>		Low	9.7 Miles	
					<b>Resource Extraction</b>			
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013	Cadmium		Low	135 Acres	
					<b>Resource Extraction</b>			
				Copper		Low	135 Acres	
					<b>Resource Extraction</b>			
				Zinc		Low	135 Acres	
					<b>Resource Extraction</b>			
5	R	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	55190000	Electrical Conductivity		Low	36 Miles	
					<b>Agriculture</b>			
				Molybdenum		Low	36 Miles	
					<b>Agriculture</b>			
				Toxaphene		Low	36 Miles	
					<b>Agriculture</b>			
5	R	Little Backbone Creek, Lower	50620010	Acid Mine Drainage		Low	0.95 Miles	
					<b>Resource Extraction</b>			
				Cadmium <i>All resource extraction sources are abandoned mines.</i>		Low	0.95 Miles	
					<b>Resource Extraction</b>			
				Copper <i>All resource extraction sources are abandoned mines.</i>		Low	0.95 Miles	
					<b>Resource Extraction</b>			
				Zinc <i>All resource extraction sources are abandoned mines.</i>		Low	0.95 Miles	
					<b>Resource Extraction</b>			

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5	R	Little Cow Creek (downstream from Afterthought Mine)	50733023	Cadmium	Resource extraction sources are abandoned mines.	Low	1.1 Miles	
					Resource Extraction			
				Copper	Resource extraction sources are abandoned mines.	Low	1.1 Miles	
					Resource Extraction			
				Zinc	Resource extraction sources are abandoned mines.	Low	1.1 Miles	
					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	
					Resource extraction sources are abandoned mines.			
					Resource Extraction			
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000	Mercury		Low	10 Miles	
					Resource extraction sources are abandoned mines.			
					Resource Extraction			
				Metals		Low	10 Miles	
					Resource extraction sources are abandoned mines.			
					Resource Extraction			

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5	L	Marsh Creek Reservoir	54300023	Mercury	Resource Extraction	Low	278 Acres	
5	W	Mendota Pool	55120000	Selenium	Agriculture Agricultural Return Flows Groundwater Withdrawal Other	Low	3045 Acres	
5	R	Merced River, Lower (McSwain Reservoir to San Joaquin River)	53550000	Chlorpyrifos	Agriculture	Medium	50 Miles	
				Diazinon	Agriculture	Medium	50 Miles	
				Group A Pesticides	Agriculture	Low	50 Miles	
5	R	Middle River	54400000	Low Dissolved Oxygen	Hydromodification Source Unknown	Low	9.7 Miles	
5	R	Mokelumne River, Lower	54400000	Copper	Resource Extraction	Low	29 Miles	
				Zinc	Resource Extraction	Low	29 Miles	
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 Recreational and Tourism Activities (non-boating)	Medium	0.93 Miles	
5	R	Mormon Slough (Stockton Diverting Canal to Commerce Street)	53130000	Pathogens	Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)	Medium	5.2 Miles	

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5	R	Morrison Creek	51911000	Diazinon		High	21 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
					Agriculture			
					Urban Runoff/Storm Sewers			
5	R	Mosher Slough (downstream of I-5)	54400000	Chlorpyrifos		Medium	1.3 Miles	
					Urban Runoff/Storm Sewers			
				Diazinon		Medium	1.3 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	1.3 Miles	
					Urban Runoff/Storm Sewers			
				Pathogens		Low	1.3 Miles	
					Urban Runoff/Storm Sewers			
5	R	Mosher Slough (upstream of I-5)	54400000	Pathogens		Low	3.5 Miles	
					Urban Runoff/Storm Sewers			
5	R	Mud Slough	54120000	Boron		Low	13 Miles	
					Agriculture			
				Electrical Conductivity		Low	13 Miles	
					Agriculture			
				Pesticides		Low	13 Miles	
					Agriculture			
				Selenium		Medium	13 Miles	
					Agriculture			
				Unknown Toxicity		Low	13 Miles	
					Agriculture			
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	51921000	Diazinon		Medium	3.5 Miles	
				<i>The agricultural source is from aerial deposition.</i>				
					Agriculture			
					Urban Runoff/Storm Sewers			

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				PCBs	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	
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	

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5	R	Orestimba Creek (below Kilburn Road)	54110000	Azinphos-methyl	Agriculture	Medium	2.7 Miles	
				Chlorpyrifos	Agriculture	Medium	2.7 Miles	
				DDE	Agriculture	Low	2.7 Miles	
				<i>Historical agricultural use.</i>				
				Diazinon	Agriculture	Medium	2.7 Miles	
				Unknown Toxicity	Agriculture	Low	2.7 Miles	
					Agriculture			
5	R	Panoche Creek (Silver Creek to Belmont Avenue)	55112000	Mercury	Resource Extraction	Low	18 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
				Sedimentation/Siltation	Agriculture	Low	18 Miles	
					Agriculture-grazing			
					Highway/Road/Bridge Construction			
Selenium	Agriculture	Low	18 Miles					
	Agriculture-grazing							
	Highway/Road/Bridge Construction							
5	R	Pit River	52661080	Nutrients	Agriculture	Low	123 Miles	
					Agriculture-grazing			
				Organic Enrichment/Low Dissolved Oxygen	Agriculture	Low	123 Miles	
					Agriculture-grazing			
				Temperature	Agriculture	Low	123 Miles	
	Agriculture-grazing							

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Putah Creek, Lower	51120000	Mercury <i>Impairment due to Mercury is on lower reach below Lake Solano.</i>	Resource Extraction Source Unknown	Low	28 Miles	
5	L	Rollins Reservoir	51634033	Mercury	Resource Extraction	Medium	774 Acres	
5	R	Sacramento River (Keswick Dam to Cottonwood Creek)	52440014	Unknown Toxicity	Source Unknown	Low	15 Miles	
5	R	Sacramento River ( Cottonwood Creek to Red Bluff)	50810000	Unknown Toxicity	Source Unknown	Low	16 Miles	
5	R	Sacramento River ( Red Bluff to Knights Landing)	50420070	Unknown Toxicity	Source Unknown	Low	82 Miles	
5	R	Sacramento River (Knights Landing to the Delta)	51000000	Diazinon	Agriculture	High	16 Miles	2003
				Mercury <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Medium	16 Miles	
				Unknown Toxicity	Source Unknown	Low	16 Miles	
5	R	Sacramento Slough	51922000	Diazinon	Agriculture	Medium	1.7 Miles	
				Mercury	Urban Runoff/Storm Sewers	Low	1.7 Miles	
					Source Unknown			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Salt Slough (upstream from confluence with San Joaquin River)	54120000	Boron		Low	17 Miles	
				Chlorpyrifos	Agriculture	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		Low	5.1 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction Acid Mine Drainage			
5	R	San Joaquin River (Bear Creek to Mud Slough)	53570000	Boron		High	14 Miles	2003
				Chlorpyrifos	Agriculture	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		Medium	14 Miles	
				Unknown Toxicity	Resource Extraction	Low	14 Miles	
					Source Unknown			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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
				DDT	Agriculture	Low	43 Miles	
				Diazinon	Agriculture	High	43 Miles	2004
				Electrical Conductivity	Agriculture	High	43 Miles	2003
				Group A Pesticides	Agriculture	Low	43 Miles	
				Mercury		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
					Agriculture			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Chlorpyrifos		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			
5	L	Shasta Lake (area where West Squaw Creek enters)	50620010	Cadmium		Low	20 Acres	
				Copper	Resource Extraction	Low	20 Acres	
				Zinc	Resource Extraction	Low	20 Acres	
					Resource Extraction			
5	R	Smith Canal	54400000	Organic Enrichment/Low Dissolved Oxygen		Low	2.4 Miles	
				Organophosphorus Pesticides	Urban Runoff/Storm Sewers	Medium	2.4 Miles	
				Pathogens	Urban Runoff/Storm Sewers	Low	2.4 Miles	
					Urban Runoff/Storm Sewers			
					Recreational and Tourism Activities (non-boating)			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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 <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	2.6 Miles	
				Cadmium <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	2.6 Miles	
				Copper <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	2.6 Miles	
				Zinc <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	Low	2.6 Miles	
5	R	Stanislaus River, Lower	53530000	Diazinon	Agriculture	Medium	59 Miles	
				Group A Pesticides	Agriculture	Low	59 Miles	
				Mercury	Resource Extraction	Low	59 Miles	
				Unknown Toxicity	Source Unknown	Low	59 Miles	
5	R	Stockton Deep Water Channel, Upper (Port Turning Basin)	54400000	Dioxin <i>This listing was made by USEPA.</i>	Point Source	Low	3.3 Miles	
				Furan Compounds	Contaminated Sediments	Low	3.3 Miles	
				Pathogens	Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)	Medium	3.3 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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
					Urban Runoff/Storm Sewers			
				Diazinon		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			
				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			

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				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			
				Zinc		Low	2 Miles	
					<i>All resource extraction sources are abandoned mines.</i>			
					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		Low	4 Miles	
					<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction			
				Copper		Low	4 Miles	
					<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction			
				Zinc		Low	4 Miles	
					<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Wolf Creek	51632010	Fecal Coliform	Agriculture Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)	Low	23 Miles	
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>	Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint Source	Low	0.93 Miles	
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>	Range Grazing-Riparian and/or Upland	Low	8.1 Miles	
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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION	
				<b>Nitrogen</b>		Low	5.9 Miles		
				<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>					
					<ul style="list-style-type: none"> <li>Silviculture</li> <li>Resource Extraction</li> <li>Hydromodification</li> <li>Streambank Modification/Destabilization</li> <li>Erosion/Siltation</li> <li>Atmospheric Deposition</li> <li>Natural Sources</li> <li>Nonpoint Source</li> </ul>				
				<b>Phosphorus</b>		Low	5.9 Miles		
				<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>					
					<ul style="list-style-type: none"> <li>Grazing-Related Sources</li> <li>Silviculture</li> <li>Resource Extraction</li> <li>Hydromodification</li> <li>Streambank Modification/Destabilization</li> <li>Erosion/Siltation</li> <li>Natural Sources</li> <li>Nonpoint Source</li> </ul>				
				<b>Sedimentation/Siltation</b>		Medium	5.9 Miles		
				<i>Creek affected by past gravel quarry operations and other watershed disturbance including grazing and timber harvest.</i>					
					<ul style="list-style-type: none"> <li>Range Grazing-Riparian and/or Upland</li> <li>Silviculture</li> <li>Construction/Land Development</li> <li>Surface Runoff</li> <li>Resource Extraction</li> <li>Hydromodification</li> <li>Streambank Modification/Destabilization</li> <li>Erosion/Siltation</li> <li>Atmospheric Deposition</li> <li>Natural Sources</li> <li>Recreational and Tourism Activities (non-boating)</li> <li>Nonpoint Source</li> </ul>				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Bodie Creek	63020031	Metals <i>Affected by drainage from inactive mines, mine tailings in creek.</i>	Resource Extraction Mine Tailings Inactive Mining Nonpoint Source	Medium	11 Miles	
6	L	Bridgeport Reservoir	63030050	Nitrogen	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)	Medium	2614 Acres	
				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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	2614 Acres	
					Grazing-Related Sources Streambank Modification/Destabilization Erosion/Siltation Sediment Resuspension			
6	R	Bronco Creek	63520053	Sedimentation/Siltation <i>Watershed disturbance in naturally highly erosive watershed.</i>		Medium	1.3 Miles	
					Silviculture Natural Sources Nonpoint Source			
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>		Low	5.2 Miles	
					Mine Tailings Acid Mine Drainage Inactive Mining Nonpoint Source			
6	R	Buckeye Creek	63040022	Pathogens		Low	17 Miles	
					Grazing-Related Sources Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Natural Sources Recreational and Tourism Activities (non-boating)			
6	R	Carson River, West Fork (Headwaters to Woodfords)	63320014	Nitrogen		Low	18 Miles	
					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)			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION	
				Phosphorus		Low	18 Miles		
				<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)				
				Sodium		Low	18 Miles		
					Onsite Wastewater Systems (Septic Tanks)				
					Atmospheric Deposition				
					Highway Maintenance and Runoff				
					Natural Sources				
					Recreational and Tourism Activities (non-boating)				
6	R	Carson River, West Fork (Paynesville to State Line)	63310013						
				Pathogens		Low	3.3 Miles		
					Pasture Grazing-Riparian and/or Upland				
					Agriculture-storm runoff				
					Agriculture-irrigation tailwater				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012	<b>Nitrogen</b> <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	
				<b>Pathogens</b>	Pasture Grazing-Riparian and/or Upland Agricultural Return Flows Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
				<b>Sodium</b>	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	
6	W	Cinder Cone Springs	63520010	<b>Nutrients</b> <i>Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978). Further monitoring may support delisting.</i>	Wastewater - land disposal	Medium	1 Acres	

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				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	
<b>Wastewater - land disposal</b>								
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	
<b>Range Grazing-Riparian and/or Upland</b>								
6	R	Clearwater Creek	63040051	Sedimentation/Siltation <i>Listed on basis of limited information; additional monitoring may support delisting.</i>		Medium	12 Miles	
<b>Range Grazing-Riparian and/or Upland Construction/Land Development Highway Maintenance and Runoff</b>								
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	
<b>Water Diversions</b>								
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	
<b>Grazing-Related Sources Atmospheric Deposition Internal Nutrient Cycling (primarily lakes) Natural Sources Nonpoint Source</b>								
<b>Phosphorus <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></b>								
<b>Grazing-Related Sources Erosion/Siltation Internal Nutrient Cycling (primarily lakes) Natural Sources Nonpoint Source</b>								

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6	L	Donner Lake	63520021	<b>Priority Organics</b> <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> <b>Source Unknown</b>		Low	819 Acres	
6	L	Eagle Lake (Lassen County)	63732000	<b>Nitrogen</b>	<b>Agriculture</b> <b>Grazing-Related Sources</b> <b>Silviculture</b> <b>Other Urban Runoff</b> <b>Highway/Road/Bridge Runoff</b> <b>Wastewater</b> <b>Onsite Wastewater Systems (Septic Tanks)</b> <b>Marinas and Recreational Boating</b> <b>Atmospheric Deposition</b> <b>Internal Nutrient Cycling (primarily lakes)</b> <b>Sediment Resuspension</b> <b>Natural Sources</b> <b>Recreational and Tourism Activities (non-boating)</b> <b>Nonpoint Source</b>	Low	20704 Acres	
				<b>Phosphorus</b>	<b>Grazing-Related Sources</b> <b>Silviculture</b> <b>Other Urban Runoff</b> <b>Highway/Road/Bridge Runoff</b> <b>Wastewater</b> <b>Onsite Wastewater Systems (Septic Tanks)</b> <b>Marinas and Recreational Boating</b> <b>Atmospheric Deposition</b> <b>Internal Nutrient Cycling (primarily lakes)</b> <b>Sediment Resuspension</b> <b>Natural Sources</b> <b>Recreational and Tourism Activities (non-boating)</b> <b>Nonpoint Source</b>	Low	20704 Acres	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	East Walker River, above Bridgeport Reservoir	63030050	Pathogens	Pasture Grazing-Riparian and/or Upland Other Urban Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	7.2 Miles	
6	R	East Walker River, below Bridgeport Reservoir	63030050	Nitrogen	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	Low	8 Miles	
				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	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus	Erosion/Siltation Atmospheric Deposition Natural Sources	Low	9.1 Miles	
6	R	Goodale Creek	60330112	Sedimentation/Siltation <i>Potential for delisting following further monitoring.</i>		Low	12 Miles	
					Range Grazing-Riparian and/or Upland			
6	R	Gray Creek (Nevada County)	63520052	Sedimentation/Siltation <i>Sediment from disturbance of naturally highly erosive watershed.</i>		Medium	2.8 Miles	
					Silviculture Natural Sources Nonpoint Source			
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			

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				Phosphorus	Erosion/Siltation Atmospheric Deposition Natural Sources Recreational and Tourism Activities (non-boating)	Low	2 Miles	
6	R	Heavenly Valley Creek (USFS boundary to Trout Creek)	63410031	Chloride	Highway/Road/Bridge Runoff Atmospheric Deposition Natural Sources Source Unknown	Low	1.4 Miles	
				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	
				Salinity/TDS/Chlorides	Agriculture Agricultural Return Flows Geothermal Development Agricultural Water Diversion Sediment Resuspension Natural Sources Nonpoint Source	Low	57756 Acres	

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6	W	Honey Lake Area Wetlands	63710060	Metals <i>Additional monitoring needed to determine extent of impairment and need for TMDL</i>	Agriculture Geothermal Development Natural Sources Nonpoint Source	Low	62590 Acres	
6	S	Honey Lake Wildfowl Management Ponds	63720095	Flow alterations <i>Ponds may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.</i>	Agricultural Water Diversion	Low	665 Acres	
				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>	Construction/Land Development	Medium	31 Acres	
6	R	Hot Springs Canyon Creek	63030042	Sedimentation/Siltation <i>Listed on basis of limited data; further monitoring may support delisting.</i>	Range Grazing-Riparian and/or Upland	Medium	2.9 Miles	

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6	R	Indian Creek (Alpine County)	63220010	<b>Habitat alterations</b> <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	
				<b>Pathogens</b>	Grazing-Related Sources Pasture Grazing-Riparian and/or Upland	Low	13 Miles	
6	L	Indian Creek Reservoir	63220010	<b>Phosphorus</b> <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	<b>Flow alterations</b> <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	<b>Flow alterations</b> <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	

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6	R	Leviathan Creek	63210080	<b>Metals</b> <i>TMDL development to be coordinated with ongoing Regional Board and CERCLA remediation activities at Leviathan Mine site.</i>	<b>Mine Tailings</b> <b>Acid Mine Drainage</b> <b>Inactive Mining</b> <b>Erosion/Siltation</b>	Low	3.2 Miles	
6	R	Mammoth Creek	60310053	<b>Metals</b> <i>Needs monitoring to determine current extent of impairment and need for TMDL.</i>	<b>Other Urban Runoff</b> <b>Natural Sources</b> <b>Nonpoint Source</b>	Low	12 Miles	
6	R	Mill Creek (Modoc County)	64130011	<b>Sedimentation/Siltation</b> <i>Creek needs monitoring to determine current extent of impairment and need for TMDL.</i>	<b>Range Grazing-Riparian and/or Upland</b>	Low	4.2 Miles	
6	R	Mill Creek (Mono County)	60100080	<b>Flow alterations</b> <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>	<b>Water Diversions</b>	Low	12 Miles	
6	R	Monitor Creek	63210070	<b>Aluminum</b> <i>TMDL to be coordinated with CERCLA remediation.</i>	<b>Mill Tailings</b> <b>Mine Tailings</b> <b>Acid Mine Drainage</b> <b>Inactive Mining</b> <b>Natural Sources</b> <b>Nonpoint/Point Source</b>	Low	4 Miles	
				<b>Iron</b> <i>TMDL to be coordinated with CERCLA remediation.</i>	<b>Mill Tailings</b> <b>Mine Tailings</b> <b>Acid Mine Drainage</b> <b>Inactive Mining</b> <b>Natural Sources</b> <b>Nonpoint/Point Source</b>	Low	4 Miles	

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				<b>Manganese</b> <i>TMDL to be coordinated with CERCLA remediation.</i>	<b>Mill Tailings</b> <b>Mine Tailings</b> <b>Acid Mine Drainage</b> <b>Inactive Mining</b> <b>Natural Sources</b> <b>Nonpoint/Point Source</b>	<b>Low</b>	<b>4 Miles</b>	
				<b>Silver</b> <i>TMDL to be coordinated with CERCLA remediation.</i>	<b>Mill Tailings</b> <b>Mine Tailings</b> <b>Acid Mine Drainage</b> <b>Inactive Mining</b> <b>Natural Sources</b> <b>Nonpoint Source</b>	<b>Low</b>	<b>4 Miles</b>	
				<b>Sulfates</b> <i>TMDL to be coordinated with CERCLA remediation.</i>	<b>Mill Tailings</b> <b>Mine Tailings</b> <b>Acid Mine Drainage</b> <b>Inactive Mining</b> <b>Nonpoint/Point Source</b>	<b>Low</b>	<b>4 Miles</b>	
				<b>Total Dissolved Solids</b> <i>TMDL to be coordinated with CERCLA remediation.</i>	<b>Mill Tailings</b> <b>Mine Tailings</b> <b>Acid Mine Drainage</b> <b>Inactive Mining</b> <b>Natural Sources</b> <b>Nonpoint/Point Source</b>	<b>Low</b>	<b>4 Miles</b>	
<b>6</b>	<b>R</b>	<b>Owens River (Long HA)</b>	<b>60310090</b>	<b>Habitat alterations</b> <i>River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes to federal regulations.</i>	<b>Agriculture</b> <b>Grazing-Related Sources</b> <b>Hydromodification</b> <b>Flow Regulation/Modification</b>	<b>Low</b>	<b>26 Miles</b>	

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6	R	Owens River (Lower)	60330000	Habitat alterations <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	Low	53 Miles	
6	R	Owens River (Upper)	60320000	Habitat alterations <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	Low	69 Miles	
6	R	Pine Creek (Lassen County)	63720010	Sedimentation/Siltation <i>Creek may be placed on separate 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	

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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	
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	

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				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	
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	

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			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	

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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	Other	Medium	984 Acres	
				<i>Metals concern related to use of copper sulfate algicide. Further monitoring and assessment needed to determine extent of impairment.</i>				
6	L	Topaz Lake	63110010	Sedimentation/Siltation	Agriculture Streambank Modification/Destabilization Erosion/Siltation Nonpoint Source	Medium	928 Acres	
				<i>Additional monitoring and assessment needed to document extent of impairment.</i>				
6	R	Trout Creek (above Hwy 50)	63410020	Iron	Urban Runoff--Non-industrial Permitted Erosion/Siltation Natural Sources	Low	10 Miles	
				<i>Standards revision to be considered</i>				
				Nitrogen	Pasture Grazing-Riparian and/or Upland Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	10 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	Source Unknown	Low	10 Miles	
				Phosphorus	Pasture Grazing-Riparian and/or Upland Urban Runoff--Non-industrial Permitted Erosion/Siltation Atmospheric Deposition	Low	10 Miles	
				<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>				

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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	

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				Pathogens	Grazing-Related Sources Natural Sources Recreational and Tourism Activities (non-boating)	Low	4.5 Miles	
				Phosphorus	Grazing-Related Sources Silviculture Natural Sources	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>
6	R	Truckee River, Upper (below Christmas Valley)	63410042	Iron	Erosion/Siltation Natural Sources Unknown Nonpoint Source	Low	11 Miles	
				Phosphorus	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	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>
6	R	Tuttle Creek	60330140	Habitat alterations	Range Grazing-Riparian and/or Upland	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>

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6	L	Twin Lakes (Owens HU)	60310051	<b>Nitrogen</b> <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	Low	26 Acres	
				<b>Phosphorus</b> <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	Low	26 Acres	
6	R	Ward Creek	63420020	<b>Iron</b>	Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources	Low	5.7 Miles	
				<b>Nitrogen</b> <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	Low	5.7 Miles	

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				<b>Phosphorus</b>		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>				
					Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Urban Runoff--Erosion and Sedimentation Channel Erosion Erosion/Siltation Atmospheric Deposition Natural Sources			
				<b>Sedimentation/Siltation</b>		Medium	5.7 Miles	
				<i>The University of California Davis Tahoe Research Group is currently researching sediment sources in the Ward Creek watershed.</i>				
					Silviculture Land Development Urban Runoff/Storm Sewers Highway/Road/Bridge Runoff Channel Erosion Nonpoint Source			
6	R	West Walker River	63110060	<b>Sedimentation/Siltation</b>		Low	49 Miles	
					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	<b>Sedimentation/Siltation</b>		Low	12 Miles	
					Range Grazing-Riparian and/or Upland Silviculture Nonpoint Source			
7	R	Alamo River	72310000	<b>Pesticides</b>		Low	57 Miles	
				<i>Pesticides may be contained in agricultural return flows. Elevated fish tissue levels. Toxic bioassay results.</i>				
					Agricultural Return Flows			
				<b>Selenium</b>		Low	57 Miles	
				<i>Selenium originates from Upper Basin Portion of Colorado River. Elevated fish tissue levels.</i>				
					Agricultural Return Flows			

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7	R	Coachella Valley Storm Channel	71947000	Pathogens	Source Unknown	Medium	69 Miles	
7	R	Imperial Valley Drains	72310000	Pesticides <i>Elevated fish tissue levels and toxic bioassay results</i>	Agricultural Return Flows	Low	1222 Miles	
				Sedimentation/Siltation	Agricultural Return Flows	High	1222 Miles	2004
				Selenium <i>Selenium originates from Upper basin Portion of Colorado River. Elevated fish tissue levels.</i>	Agricultural Return Flows	Low	1222 Miles	
7	R	New River (Imperial)	72310000	1,2,4-trimethylbenzene	Industrial Point Sources Out-of-state source	Low	66 Miles	
				Chloroform	Industrial Point Sources Out-of-state source	Low	66 Miles	
				m,p,-Xylenes	Industrial Point Sources Out-of-state source	Low	66 Miles	
				Nutrients <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	Low	66 Miles	
				Organic Enrichment/Low Dissolved Oxygen	Wastewater Inappropriate Waste Disposal/Wildcat Dumping Out-of-state source Unknown point source	Medium	66 Miles	
				o-Xylenes	Industrial Point Sources Out-of-state source	Low	66 Miles	
				p-Cymene	Industrial Point Sources Out-of-state source	Low	66 Miles	

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				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	B	Anaheim Bay	80111000	Copper	Source Unknown	Low	402 Acres	
				<i>This listing was made by USEPA.</i>				
				Dieldrin (tissue)	Source Unknown	Low	402 Acres	
				<i>This listing was made by USEPA.</i>				
				Nickel	Source Unknown	Low	402 Acres	
				<i>This listing was made by USEPA.</i>				
				Source Unknown				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (tissue) <i>This listing was made by USEPA.</i>		Low	402 Acres	
Source Unknown								
8	L	Big Bear Lake	80171000	Copper	Resource Extraction	Medium	2865 Acres	
				Mercury	Resource Extraction	Medium	2865 Acres	
				Metals	Resource Extraction	Medium	2865 Acres	
				Noxious aquatic plants		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	C	Bolsa Chica State Beach	80111000	Copper		Low	2.6 Miles	
				<i>This listing was made by USEPA.</i>				
				Nickel	Source Unknown	Low	2.6 Miles	
				<i>This listing was made by USEPA.</i>				
Source Unknown								
8	R	Buck Gully Creek	80111000	Fecal Coliform		Low	0.3 Miles	
				<i>Listing is downstream of Pacific Coast Highway.</i>				
				Total Coliform	Source Unknown	Low	0.3 Miles	
				<i>Listing is downstream of Pacific Coast Highway.</i>				
Source Unknown								
8	L	Canyon Lake (Railroad Canyon Reservoir)	80211000	Nutrients		Low	453 Acres	
				Pathogens	Nonpoint Source	Low	453 Acres	
Nonpoint Source								

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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	
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	Urban Runoff/Storm Sewers	High	2431 Acres	2003
				Unknown Toxicity	Unknown Nonpoint Source	High	2431 Acres	2004
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
8	C	Huntington Beach State Park	80111000	Enterococci	Source Unknown	Low	5.8 Miles	
				<i>Impaired 50 yards around drain at Magnolia.</i>				

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8	B	Huntington Harbour	80111000	<b>Copper</b> <i>This listing was made by USEPA.</i>	Source Unknown	Low	221 Acres	
				<b>Dieldrin (tissue)</b> <i>This listing was made by USEPA.</i>	Source Unknown	Low	221 Acres	
				<b>Nickel</b> <i>This listing was made by USEPA.</i>	Source Unknown	Low	221 Acres	
				<b>Pathogens</b>	Urban Runoff/Storm Sewers	Low	221 Acres	
				<b>PCBs (tissue)</b> <i>This listing was made by USEPA.</i>	Source Unknown	Low	221 Acres	
8	R	Knickerbocker Creek	80171000	<b>Metals</b>	Unknown Nonpoint Source	Medium	2 Miles	
				<b>Pathogens</b>	Unknown Nonpoint Source	High	2 Miles	2004
8	R	Los Trancos Creek (Crystal Cove Creek)	80111000	<b>Fecal Coliform</b> <i>Listing is downstream of Pacific Coast Highway.</i>	Source Unknown	Low	0.19 Miles	
				<b>Total Coliform</b> <i>Listing is downstream of Pacific Coast Highway.</i>	Source Unknown	Low	0.19 Miles	
8	R	Lytle Creek	80141000	<b>Pathogens</b>	Unknown Nonpoint Source	Low	41 Miles	
8	R	Mill Creek (Prado Area)	80121000	<b>Nutrients</b>	Agriculture Dairies	Medium	1.6 Miles	
				<b>Pathogens</b>	Dairies	High	1.6 Miles	2004
				<b>Suspended solids</b>	Dairies	Medium	1.6 Miles	

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8	R	Mill Creek Reach 1	80156000	Pathogens	Unknown Nonpoint Source	Low	12 Miles	
8	R	Mill Creek Reach 2	80158000	Pathogens	Unknown Nonpoint Source	Low	12 Miles	
8	R	Mountain Home Creek	80158000	Pathogens	Unknown Nonpoint Source	Low	3.7 Miles	
8	R	Mountain Home Creek, East Fork	80158000	Pathogens	Unknown Nonpoint Source	Low	5.1 Miles	
8	B	Newport Bay, Lower	80114000	Metals	Urban Runoff/Storm Sewers Contaminated Sediments Boatyards	Medium	767 Acres	
				Pesticides	Agriculture Contaminated Sediments	High	767 Acres	2003
				Priority Organics	Contaminated Sediments Unknown Nonpoint Source	Medium	767 Acres	
8	E	Newport Bay, Upper (Ecological Reserve)	80111000	Metals	Urban Runoff/Storm Sewers	Medium	653 Acres	
				Pesticides	Agriculture Unknown Nonpoint Source	High	653 Acres	2003
8	L	Prado Park Lake	80121000	Nutrients	Nonpoint Source	Low	90 Acres	
				Pathogens	Nonpoint Source	High	90 Acres	2004

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8	R	Rathbone (Rathbun) Creek	80171000	Nutrients	Snow skiing activities Unknown Nonpoint Source	High	4.7 Miles	2004
				Sedimentation/Siltation	Snow skiing activities Unknown Nonpoint Source	High	4.7 Miles	2004
8	R	San Diego Creek Reach 1	80111000	Fecal Coliform	Urban Runoff/Storm Sewers Other Urban Runoff	Low	7.8 Miles	
				Pesticides	Unknown Nonpoint Source	High	7.8 Miles	2003
8	R	San Diego Creek Reach 2	80111000	Metals	Urban Runoff/Storm Sewers	Medium	6.3 Miles	
				Unknown Toxicity	Unknown Nonpoint Source	Low	6.3 Miles	
8	R	Santa Ana River, Reach 3	80121000	Pathogens	Dairies	High	26 Miles	2004
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	

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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	
				Phosphorus	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	19 Miles	
				<i>Impairment located at lower 4 miles.</i>				
				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	Nonpoint/Point Source	Low	202 Acres	
				<i>Estimated size of impairment is 150 acres located in upper portion of lagoon.</i>				
				Sedimentation/Siltation	Nonpoint/Point Source	Medium	202 Acres	

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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
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	

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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	
				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	

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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	
				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	

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9	B	Mission Bay	90640000	<b>Bacteria Indicators</b> <i>Impairment located along entire bay shoreline.</i>		Medium	2032 Acres	
					<b>Nonpoint/Point Source</b>			
				<b>Eutrophic</b> <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>		Low	2032 Acres	
					<b>Nonpoint/Point Source</b>			
				<b>Lead</b> <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>		Low	2032 Acres	
					<b>Nonpoint/Point Source</b>			
9	R	Murrieta Creek	90252000	<b>Phosphorus</b>		Low	12 Miles	
					<b>Urban Runoff/Storm Sewers</b>			
					<b>Unknown Nonpoint Source</b>			
					<b>Unknown point source</b>			
9	C	Pacific Ocean Shoreline, Aliso HSA	90113000	<b>Bacteria Indicators</b> <i>Impairment located at Laguna Beach at Lagunita Place / Blue Lagoon Place, Aliso Beach.</i>		Medium	0.65 Miles	
					<b>Nonpoint/Point Source</b>			
9	C	Pacific Ocean Shoreline, Buena Vista Creek HA	90421000	<b>Bacteria Indicators</b> <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	
					<b>Nonpoint/Point Source</b>			
9	C	Pacific Ocean Shoreline, Dana Point HSA	90114000	<b>Bacteria Indicators</b> <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	
					<b>Nonpoint/Point Source</b>			
9	C	Pacific Ocean Shoreline, Escondido Creek HA	90461000	<b>Bacteria Indicators</b> <i>Impairment located at San Elijo Lagoon outlet.</i>		Low	0.44 Miles	
					<b>Nonpoint/Point Source</b>			

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9	C	Pacific Ocean Shoreline, Laguna Beach HSA	90112000	<b>Bacteria Indicators</b> <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>		<b>Medium</b>	<b>1.8 Miles</b>	
				<b>Nonpoint/Point Source</b>				
9	C	Pacific Ocean Shoreline, Loma Alta HA	90410000	<b>Bacteria Indicators</b> <i>Impairment located at Loma Alta Creek Mouth.</i>		<b>Low</b>	<b>1.1 Miles</b>	
				<b>Nonpoint/Point Source</b>				
9	C	Pacific Ocean Shoreline, Lower San Juan HSA	90120000	<b>Bacteria Indicators</b> <i>Impairment located at North Beach Creek, San Juan Creek (large outlet), Capistrano Beach, South Capistrano Beach at Beach Road.</i>		<b>Medium</b>	<b>1.2 Miles</b>	
				<b>Nonpoint/Point Source</b>				
9	C	Pacific Ocean Shoreline, Miramar Reservoir HA	90610000	<b>Bacteria Indicators</b> <i>Impairment located at Torrey Pines State Beach at Del Mar (Anderson Canyon).</i>		<b>Low</b>	<b>0.39 Miles</b>	
				<b>Urban Runoff/Storm Sewers</b>				
				<b>Unknown Nonpoint Source</b>				
				<b>Unknown point source</b>				
9	C	Pacific Ocean Shoreline, San Clemente HA	90130000	<b>Bacteria Indicators</b> <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>		<b>Medium</b>	<b>3.7 Miles</b>	
				<b>Nonpoint/Point Source</b>				
9	C	Pacific Ocean Shoreline, San Diego HU	90711000	<b>Bacteria Indicators</b> <i>Impairment located at San Diego River Mouth (aka Dog Beach).</i>		<b>Medium</b>	<b>0.37 Miles</b>	
				<b>Nonpoint/Point Source</b>				
9	C	Pacific Ocean Shoreline, San Dieguito HU	90511000	<b>Bacteria Indicators</b> <i>Impairment located at San Dieguito Lagoon Mouth, Solana Beach.</i>		<b>Low</b>	<b>0.86 Miles</b>	
				<b>Nonpoint/Point Source</b>				

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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>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	0.63 Miles	
9	C	Pacific Ocean Shoreline, San Luis Rey HU	90311000	Bacteria Indicators <i>Impairment located at San Luis Rey River Mouth.</i>	Nonpoint/Point Source	Low	0.49 Miles	
9	C	Pacific Ocean Shoreline, San Marcos HA	90451000	Bacteria Indicators <i>Impairment located at Moonlight State Beach.</i>	Nonpoint/Point Source	Low	0.5 Miles	
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>	Nonpoint/Point Source	Medium	3.9 Miles	
9	C	Pacific Ocean Shoreline, Tijuana HU	91111000	Bacteria Indicators <i>Impairment located from the border, extending north along the shore.</i>	Nonpoint/Point Source	Low	3 Miles	
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	

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				Turbidity		Low	1.2 Miles	
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source			
9	R	Rainbow Creek	90222000	Nitrogen		High	5 Miles	2003
					Agricultural Return Flows Other Urban Runoff Nurseries Onsite Wastewater Systems (Septic Tanks) Nonpoint/Point Source			
				Phosphorus		High	5 Miles	2003
					Agricultural Return Flows Other Urban Runoff Nurseries Onsite Wastewater Systems (Septic Tanks) Nonpoint/Point Source			
9	B	San Diego Bay Shoreline, 32nd St San Diego Naval Station	90822000	Benthic Community Effects		Medium	103 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	103 Acres	
					Nonpoint/Point Source			
9	B	San Diego Bay Shoreline, between Sampson and 28th Streets	90822000	Copper		High	55 Acres	2003
					Nonpoint/Point Source			
				Mercury		High	55 Acres	2003
					Nonpoint/Point Source			
				PAHs		High	55 Acres	2003
					Nonpoint/Point Source			
				PCBs		High	55 Acres	2003
					Nonpoint/Point Source			
				Zinc		High	55 Acres	2003
					Nonpoint/Point Source			

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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	
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	

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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	
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	

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9	B	San Diego Bay Shoreline, Vicinity of B St and Broadway Piers	90821000	<b>Bacteria Indicators</b> <i>Estimated size of impairment is 0.4 miles around the shoreline of the bay.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	9.9 Acres	
				<b>Benthic Community Effects</b>	Nonpoint/Point Source	Medium	9.9 Acres	
				<b>Sediment Toxicity</b>	Nonpoint/Point Source	Medium	9.9 Acres	
9	B	San Diego Bay, Shelter Island Yacht Basin	90810000	<b>Copper, Dissolved</b>	Nonpoint/Point Source	High	153 Acres	2003
9	R	San Diego River (Lower)	90711000	<b>Fecal Coliform</b> <i>Lower 6 miles.</i>	Urban Runoff/Storm Sewers Wastewater Nonpoint/Point Source	Low	12 Miles	
				<b>Low Dissolved Oxygen</b> <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	12 Miles	
				<b>Phosphorus</b> <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	12 Miles	
				<b>Total Dissolved Solids</b> <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	

**2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS** *Approved by USEPA:  
July 2003*

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	E	San Elijo Lagoon	90461000	<b>Bacteria Indicators</b> <i>Estimated size of impairment is 150 acres.</i>	<b>Nonpoint/Point Source</b>	Low	566 Acres	
				<b>Eutrophic</b> <i>Estimated size of impairment is 330 acres.</i>	<b>Nonpoint/Point Source</b>	Low	566 Acres	
				<b>Sedimentation/Siltation</b> <i>Estimated size of impairment is 150 acres.</i>	<b>Nonpoint/Point Source</b>	Medium	566 Acres	
9	R	San Juan Creek	90120000	<b>Bacteria Indicators</b>	<b>Nonpoint/Point Source</b>	Medium	1 Miles	
9	E	San Juan Creek (mouth)	90120000	<b>Bacteria Indicators</b>	<b>Nonpoint/Point Source</b>	Medium	6.3 Acres	
9	R	San Luis Rey River	90311000	<b>Chloride</b> <i>Impairment located at lower 13 miles.</i>	<b>Urban Runoff/Storm Sewers</b> <b>Unknown Nonpoint Source</b> <b>Unknown point source</b>	Low	19 Miles	
				<b>Total Dissolved Solids</b>	<b>Industrial Point Sources</b> <b>Agriculture-storm runoff</b> <b>Urban Runoff/Storm Sewers</b> <b>Surface Mining</b> <b>Flow Regulation/Modification</b> <b>Natural Sources</b> <b>Golf course activities</b> <b>Unknown Nonpoint Source</b> <b>Unknown point source</b>	Low	19 Miles	
9	R	Sandia Creek	90222000	<b>Total Dissolved Solids</b>	<b>Urban Runoff/Storm Sewers</b> <b>Flow Regulation/Modification</b> <b>Natural Sources</b> <b>Unknown Nonpoint Source</b> <b>Unknown point source</b>	Low	1.5 Miles	

**2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS** *Approved by USEPA:  
July 2003*

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

**2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS** *Approved by USEPA:  
July 2003*

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

# 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS Approved by USEPA: July 2003

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Thallium <i>Estimated size of impairment is 1 acre.</i>	Nonpoint/Point Source	Low	1319 Acres	
			Trash <i>Estimated size of impairment is 1 acre.</i>	Nonpoint/Point Source	Low	1319 Acres	

## 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

## ***Appendix 2:***

### ***References for All Data, Information, and Guidelines***

The references presented in this appendix represent all data and information in the administrative record for the development of the 2006 section 303(d) list. If fact sheets were developed from for data and information the document is referenced in Volumes II and III of this staff report.

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