

Staff Report

VOLUME I

Revision of the Clean Water Act Section 303(d) List of Water Quality Limited Segments



State Water Resources Control Board
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Division of Water Quality

SEPTEMBER 2006

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STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY

STAFF REPORT

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

VOLUME I

September 2006
DRAFT FINAL |

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~~have been included for ~~when completion dates for~~ 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~~ four 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 ~~and~~ (4) Volume IV contains written responses to comments. Each proposal is presented in a water body fact sheet that summarizes listing status weight of evidence and the relationships between each line of evidence. ~~Reports have also been prepared that document those waters where data were reviewed but no change in listing status is proposed. Fact sheets were also prepared when review of data resulted no change in listing status of water bodies.~~

SWRCB ~~will accept~~ed 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 at its October 25, 2006 meeting. 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
<u>CTR</u>	<u>California Toxics Rule</u>
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
<u>oc</u>	<u>organic carbon</u>
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
<u>WQO</u>	<u>Water quality objective</u>
<u>WQS</u>	<u>Water quality standard</u>
ww	wet weight
<u>WWTP</u>	<u>Waste water treatment plant</u>

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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-four 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; and (4) Volume IV contains written responses to comments.

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, California Water Code section 13300 et seq.), 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 (State Water Resources Control Board (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." (40 CFR 130.2(j)).

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. (40 CFR 130.2(j))

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 Regional Water Quality Control Boards (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 making decisions based upon 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 been 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 either because a TMDL was completed or because another program was addressing the water quality problem would be considered for placement on the section 303(d) list. It would be placed in the Water Quality Limited Segments Being Addressed category based on

the original data and information used to delist ~~plus and~~ any additional data that has become available. If the listing was removed in 2002 based solely on the fact 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. In a recent unpublished Federal District Court ruling (Northwest Environmental Advocates et al. vs. USEPA, WL 756614 (N.D. Cal. 2005)), the court 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, 2005a2006a), or (2) Do not delist (SWRCB, 2005b2006b).
7. Water body or pollutant listings are independent of the TMDLs that have been approved and are being implemented for a water body. If a pollutant listing is removed from the list for any reason, that fact has no effect on the validity or requirements for implementing a TMDL that has been adopted and approved by USEPA. Implementation of Basin Plan provisions is not affected by the section 303(d) list.
8. Provisions of Basin Plans, statewide plans, and other documents containing water quality standards were used as they are written. Judgments were not made during the list development process regarding the suitability, quality, or applicability of beneficial uses or water quality objectives. Novel approaches for interpreting objectives were not used unless the approach was specifically allowed by the applicable water quality standards (e.g., analyzing wet and dry season data separately).

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. Information through June 2006 was also used to assess which TMDLs had been completed. Other sources of data and information that became readily available to SWRCB staff were also included in the administrative record. Approximately one-third of the comment letters received during the public review period (September 2005 through January 2006) contained new data and information. All of this data and information was considered in developing recommendations for the 2006 section 303(d) list.

A list of The references for 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 development, contents of the fact sheets, standards used, evaluation guidelines used, fact sheets for affected area changes, and the process for addressing 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 or where submitted data and information changed the draft staff recommendations (SWRCB, 2005c). 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.
- All data and information submitted by the public during the comment period (i.e., between September 30, 2005 and January 31, 2006) if the new data and information changed the original staff recommendation(s) (presented in SWRCB, 2005c).
- Written 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.
- Data and information for new listing recommendations or previous listings that were not analyzed in the original staff recommendations (SWRCB, 2005c) where staff was reasonably sure that the new information was not biased and it was apparent that listing status would change.

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 for listings that were not analyzed in the original staff recommendations (SWRCB, 2005a; 2005b; 2005c) and a TMDL has been completed that addressed the listing.
- Data for new or previous listings where the data were biased or the data were an incomplete basis for assessment.
- 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 (SWRCB, 2004b). 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 information 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 [SWRCB, 2004b]). 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 [SWRCB, 2004b]).

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 the 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, or List as Being Addressed). To clarify staff recommendations an additional category of listing status was added to acknowledge placement of water body-pollutant combinations in the “being addressed” category of water quality limited segments.
4. A description of the “weight of evidence” conclusion was 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 as allowed by the Listing Policy. 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	Marine and Estuarine Sediments			Freshwater Sediments
	Effects Range-Median ¹	Probable Effects Level ²	Other Sediment Quality Guidelines	Probable Effect Concentration ³
Antimony	25 µg/g dw			33.0 mg/kg dw
Arsenic	70 µg/g dw			4.98 mg/kg dw
Cadmium		4.21 µg/g dw		111 mg/kg dw
Chromium	370 µg/g dw			149 mg/kg dw
Copper	270 µg/g dw			128 mg/kg dw
Lead		112.18 µg/g dw		1.06 mg/kg dw
Mercury			2.1 µg/g ⁴	48.6 mg/kg dw
Nickel				
Silver		1.77 µg/g dw		
Zinc	410 µg/g dw			459 mg/kg dw
Chlordane				17.6 µg/kg dw
Total Chlordane	6 ng/g ⁵ dw			
Dieldrin	8 ng/g dw			61.8 µg/kg dw
Sum DDD				28.0 µg/kg dw
Sum DDE				31.3 µg/kg dw
Sum DDT				62.9 µg/kg dw
Total DDTs				572 µg/kg dw
Endrin			0.76 µg/g oc ⁶	207 µg/kg dw
Lindane			0.37 µg/g oc ⁸	4.99 µg/kg dw
Total PCBs			400 ng/g ⁷	676 µg/kg dw
Anthrazene				845 µg/kg dw
Fluorene				536 µg/kg dw
Naphthalene				561 µg/kg dw
2-methyl-naphthalene		201.28 ng/g dw		
Phenanthrene		543.53 ng/g dw		1,170 µg/kg dw
Low molecular weight PAHs		1,442 ng/g dw		
Benz[a]anthrazene		692.53 ng/g dw		1,050 µg/kg dw
Benzo[a]pyrene		763.22 ng/g dw		1,450 µg/kg dw
Chrysene		845.98 ng/g dw		1,290 µg/kg dw
Dibenz[a,h]-Anthrazene	260 ng/g dw			
Fluoranthene				2,230 µg/kg dw
Pyrene		1,397.4 ng/g dw		1,520 µg/kg dw
High molecular weight PAHs	9,600 ng/g dw			
Total PAHs			1,800 µg/g ⁸	22,800 µg/kg dw

¹Long et al., 1995⁴PTI Environmental Services, 1991⁷MacDonald et al., 2000b²MacDonald et al., 1996⁵Long and Morgan, 1990⁸Fairey et al., 2001³MacDonald et al., 2000a
dw = Dry Weight⁶USEPA, 1993d

oc = Organic Carbon

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 ¹	USEPA Screening Values ²
Arsenic	1.0 mg/kg	1.2 mg/kg ³
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	
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 ⁴	
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	

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

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

³USEPA, 2000a (measurements based on wet tissue samples)

⁴Klasing 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 ¹
Chlorpyrifos – 1-hour average (freshwater)	0.025 µg/L ¹
Diazinon – 4-day average (freshwater)	0.1 µg/L ¹
Diazinon – 1-hour average (freshwater)	0.16 µg/L ¹
Perchlorate (for protection of drinking water quality)	6.0 µg/L ²
Temperature, 7-day mean (for protection of coho salmon)	14.8°C ³
Temperature, 7-day mean (for protection of steelhead or rainbow trout)	17.0°C ³
Temperature, maximum weekly average temperature (for protection of coho salmon)	19.7°C ³
Temperature, maximum weekly average	19.6°C ³

Pollutant	Water Quality Guidelines*
temperature (for protection of steelhead or rainbow trout)	
Temperature, maximum annual average	21.0°C ³
temperature (for protection of steelhead or rainbow trout)	
Turbidity (for protection of fish populations)	25 NTU ⁴

¹Siepmann and Finlayson, 2000; Finlayson, 2004

²Fan et al., 2004

³Sullivan et al., 2000

⁴Sigler 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 3.93.10 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.” or the original analysis was flawed. The Listing Policy and federal regulation allows these kinds of listing errors to be corrected.

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.”

Federal regulation also allows states to remove waters from the section 303(d) list for good cause. Federal regulation (40 CFR section 130.7(b)(6)(iv)) states:

“Upon request by the Regional Administrator, each State must demonstrate good cause for not including a water or waters on the list. Good cause includes, but is not limited to, more recent or accurate data; more sophisticated water quality modeling; **flaws in the original analysis that led to the water being listed in the categories in §130.7(b)(5); or changes in conditions, e.g., new control equipment, or elimination of discharges.**” [Emphasis added.]

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

- ~~The original listing was not justified by any data. 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.

Each fact sheet for faulty or flawed listing contains the justification for removal from the section 303(d) list.

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 plans has have 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~~ held public workshops to receive comment on the proposed section 303(d) list. The first workshop ~~will be~~ was held in southern California

(on ~~December 1, 2005~~December 6, 2005) and the second workshop ~~will be~~was held in northern California (on ~~December 6, 2005~~January 5, 2006). The SWRCB staff ~~will~~ responded in writing to all comments received. The responses are presented in Volume IV of the staff report.

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 ~~463~~365 water quality limited segments (water body-pollutant combinations) to the section 303(d) list. It is further recommended that ~~477~~193 water body-pollutant combinations be removed from the section 303(d) list. A summary of the number of recommendations to add waters and pollutants to the Water Quality Limited Segments Being Addressed category of the section 303(d) list is presented in Table 6. A total of 372 water body-pollutant combinations are recommended to be placed in this category.

The additions and deletions are presented in Tables ~~67~~ and ~~78~~, respectively. Several changes to the affected area for a variety of listings are also recommended (Table ~~98~~). The specific additions to the “Being Addressed” category are presented in Table 10. 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 NEW LISTINGSS AND DELISTINGSS.

Region	Numbers of Recommendations to	
	List	Delist
North Coast (1)	44 <u>9</u>	6 <u>5</u>
San Francisco Bay (2)	40 <u>30</u>	22 <u>23</u>
Central Coast (3)	74 <u>50</u>	20
Los Angeles (4)	94 <u>65</u>	95 <u>99</u>
Central Valley (5)	46 <u>40</u>	4 <u>7</u>
Lahontan (6)	8 <u>5</u>	24 <u>29</u>
Colorado River Basin (7)	29 <u>26</u>	0 <u>1</u>
Santa Ana (8)	45 <u>31</u>	4
San Diego (9)	422 <u>109</u>	5
Statewide	463 <u>365</u>	477 <u>193</u>

TABLE 6: SUMMARY OF RECOMMENDATIONS FOR PLACING WATERS AND POLLUTANTS IN THE WATER QUALITY LIMITED SEGMENTS BEING ADDRESSED CATEGORY OF THE SECTION 303(D) LIST.

<u>Region</u>	<u>Numbers of Recommendations to List in the Being Addressed Category</u>
<u>North Coast (1)</u>	<u>24</u>
<u>San Francisco Bay (2)</u>	<u>9</u>
<u>Central Coast (3)</u>	<u>32</u>
<u>Los Angeles (4)</u>	<u>216</u>
<u>Central Valley (5)</u>	<u>49</u>
<u>Lahontan (6)</u>	<u>8</u>
<u>Colorado River Basin (7)</u>	<u>5</u>
<u>Santa Ana (8)</u>	<u>23</u>
<u>San Diego (9)</u>	<u>4</u>
<u>Statewide</u>	<u>370</u>

The 2002 section 303(d) list has 1,883 water body-pollutant combinations. With the recommendations presented in Table 5, the portion of the section 303(d) still needing TMDLs would increase by ~~286~~ 172 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 911. All other waters, not presented in Table 911, 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

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, 15th 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 7: 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
	Trinity River HU, Upper HA, Trinity River, East Fork	Mercury
2	Anderson Reservoir	Mercury Polychlorinated biphenyls
	Bon Tempe Reservoir	Mercury
	Del Valle Reservoir	Mercury Polychlorinated biphenyls
	Hill Slough	Mercury
	Islais Creek	Sediment Toxicity Bioassays for Estuarine and Marine Water
	Lafayette Reservoir	Mercury Polychlorinated biphenyls
	Lake Chabot (Solano <u>Alameda</u> Co)	Chlordane

Region	Water Segment	Pollutant
		DDT Dieldrin Mercury Polychlorinated biphenyls
	Napa River	Mercury
	Nicasio Reservoir	Mercury
	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	Sediment <u>Toxicity Bioassays for Estuarine and Marine Water</u>
	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
	Steger Marsh	Chlordane Copper Dieldrin Mercury Polychlorinated biphenyls Zinc
	Stevens Creek	Chlordane Dieldrin Mercury Polychlorinated biphenyls Toxicity
	<u>Stevens Creek Reservoir</u>	<u>Chlordane Dieldrin Mercury Polychlorinated biphenyls</u>
3	Arroyo Paredon	Boron Nitrate as Nitrate (NO3) Toxicity
	Bell Creek (Santa Barbara Co)	Nitrate as Nitrate (NO3)
	Bradley Canyon Creek	

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

Region Water Segment	Pollutant
Prefumo Creek	Fecal Coliform
Quail Creek	Nitrate as Nitrate (NO3)
Rincon Creek	Nitrate as Nitrate (NO3)
Salinas Reclamation Canal	Boron Toxicity
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
San Bernardo Creek	Nitrogen, Nitrite
San Diego Creek	Fecal Coliform
San Lorenzo Creek	Fecal Coliform
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 <u>Monterey County</u>)	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

Region	Water Segment	Pollutant
4	Warden Creek	Ammonia (Unionized) - Toxin
		Fecal Coliform
	Aliso Canyon Wash	Bacteria Indicators <u>Fecal Coliform</u>
	Ballona Creek	Copper
		Cyanide
	Ballona Creek Estuary	Trash
	Burbank Western Channel	Copper
		Ammonia
		Copper
		Cyanide
		Fecal Coliform
		Nitrite
		Zinc
	Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	Chlordane
		DDT
		Dieldrin
		Toxaphene
	<u>Compton Creek</u>	<u>Trash</u>
	Coyote Creek	Ammonia
		Cyanide
		Diazinon
		Nitrogen, Nitrite
		pH
	Dominguez Channel (lined portion above Vermont Ave)	Aluminum
		Enterococcus <u>Sediment Toxicity</u>
		Zinc
	Dominguez Channel Estuary (unlined portion below Vermont Ave)	Benzo(a)pyrene (PAHs)
		Benzo[a]anthracene
		Chrysene (C1-C4)
		Phenanthrene
		Polychlorinated biphenyls
		Pyrene
	Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	Chlordane
		DDT
		Toxaphene
	Echo Park Lake	
	Lake Lindero	Trash

Region Water Segment	Pollutant
Leo Carillo Beach (South of County Line)	Selenium
Lincoln Park Lake	Coliform Bacteria
Los Angeles Harbor - Cabrillo Marina	Trash
<u>Los Angeles Harbor - Fish Harbor</u>	DDT Polychlorinated biphenyls
	<u>Benzo[a]anthracene</u> <u>Chlordane</u> <u>Chrysene (C1-C4)</u> <u>Copper</u> <u>Dibenz[a,h]anthracene</u> <u>Lead</u> <u>Mercury</u> <u>Phenanthrene</u> <u>Pyrene</u> <u>Sediment Toxicity</u> <u>Zinc</u>
Los Angeles Harbor - Inner Cabrillo Beach Area	Bacteria Indicators Copper DDT Polychlorinated biphenyls
<u>Los Angeles River Estuary (Queensway Bay)</u>	<u>Sediment Toxicity</u> <u>Trash</u>
Los Angeles River Reach 1 (Estuary to Carson Street)	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 <u>Sediment Toxicity</u> <u>Zinc</u>
Los Angeles/Long Beach Outer Harbor (inside	

Region Water Segment	Pollutant
breakwater)	DDT
Los Cerritos Channel	Aluminum Trash
Malibu Creek	Bis(2ethylhexyl)phthalate
Marina del Rey Harbor – Back Basins	Aluminum Selenium Sulfates
Peck Road Park Lake	Sediment Bioassays for Estuarine and Marine Water
Piru Creek (from gaging station below Santa Felicia Dam to headwaters)	Trash
Port Hueneme Pier	Chloride
Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Polychlorinated biphenyls
San Gabriel River Estuary	Ammonia
San Gabriel River Reach 1 (Estuary to Firestone)	Ammonia as Nitrogen
San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	Ammonia pH
San Gabriel River, East Fork	Aluminum 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
San Pedro Bay Near/Off Shore Zones	Ammonia
Santa Clara River Reach 1 (Estuary to Hwy 101 Bridge)	Chlordane
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
	Aluminum Ammonia Chloride

Region Water Segment	Pollutant
<u>Santa Clara River Reach 11 (Piru Creek, from confluence with Santa Clara River Reach 4 to gaging station below Santa Felicia Dam)</u>	Diazinon Polychlorinated biphenyls
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)	Boron Sulfates
Sawpit Creek	Ammonia Chloride Chlorpyrifos Diazinon Nitrogen, Nitrite Toxicity
Ventura Marina Jetties	Bis(2ethylhexyl)phthalate Fecal Coliform
5	DDT Polychlorinated biphenyls
	American River, South Fork <u>(below Slab Creek Reservoir to Folsom Lake)</u>
	Bear River (Amador Co, Lower Bear River Reservoir to Mokelumne River, N Fork)
	Carson Creek (from WWTP to Deer Creek)
	Clear Lake
Cosumnes River	Mercury
Deer Creek (Sacramento County)	Exotic Species
Del Puerto Creek	Iron
Delta Waterways (Stockton Ship Channel)	Pyrethroids s
Delta Waterways (central portion)	Exotic Species
Delta Waterways (eastern portion)	Exotic Species
Delta Waterways (export area)	Exotic Species
Delta Waterways (northern portion)	Exotic Species
Delta Waterways (northwestern portion)	DDT Exotic Species Mercury Polychlorinated biphenyls

Region Water Segment	Pollutant
Delta Waterways (southern portion)	Exotic Species
	DDT
Delta Waterways (western portion)	Exotic Species
	Exotic Species
Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	
Feather River, North Fork (below Lake Almanor)	Chlorpyrifos
	Mercury
	Temperature, water
Grasslands Marshes	Selenium
Grayson Drain (at outfall)	Sediment Toxicity Bioassays—Chronic Toxicity—Freshwater
Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)	
Ingram Creek (from confluence with San Joaquin River to confluence with Hospital Creek)	Pyrethroids
Kaweah Lake	Pyrethroids
Lower Bear River Reservoir	Mercury
Main Drainage Canal	Copper
Merced River, Lower (McSwain Reservoir to San Joaquin River)	Diazinon
Mokelumne River, North Fork	Mercury
Morrison Creek	Copper
Natoma, Lake	Chlorpyrifos
Orestimba Creek (below Kilburn Road)	Mercury
	Sediment Toxicity Bioassays—Chronic Toxicity—Freshwater
Sacramento River (Keswick Dam to Cottonwood Creek)	Cadmium
	Copper
	Zinc
<u>Panoche Creek (Silver Creek to Belmont Avenue)</u>	<u>Selenium</u>
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

Region	Water Segment	Pollutant
6	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
	<u>Bodie Creek</u>	<u>Mercury</u>
	Crowley Lake	Ammonia Oxygen, Dissolved
	Heavenly Valley Creek (source to USFS boundary)	Sedimentation/Siltation
	Indian Creek Reservoir	Phosphorus
	<u>Mammoth Creek</u>	<u>Mercury</u>
	Mono Lake	Salinity/TDS/Chlorides
7	Searles Lake	Petroleum Products Salinity/TDS/Chlorides
	Susan River	Mercury
	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-Mexico Border)	<u>Manganese</u> Selenium
	Imperial Valley Drains	DDT Dieldrin Endosulfan Polychlorinated biphenyls Toxaphene
	New River (Imperial)	

Region	Water Segment	Pollutant
8	Palo Verde Outfall Drain	Chlordane Chlorpyrifos DDT Diazinon Dieldrin Mercury Pathogens Polychlorinated biphenyls Selenium Toxaphene Toxicity
	Anaheim Bay	DDT Polychlorinated biphenyls Sediment 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 Sediment Toxicity
	Newport Bay, Lower	Chlorpyrifos-Chlordane Copper DDT Diazinon Fecal Coliform Nutrients Polychlorinated biphenyls Sedimentation/Siltation Sediment Toxicity
	Newport Bay, Upper (Ecological Reserve)	Chlorpyrifos-Chlordane Copper DDT Diazinon Fecal Coliform Nutrients Polychlorinated biphenyls Sedimentation/Siltation Sediment Toxicity
	Peters Canyon Channel	DDT Toxaphene

Region	Water Segment	Pollutant
	Rhine Channel	Copper Lead Mercury Polychlorinated biphenyls <u>Sediment Toxicity</u> <u>Zinc</u>
	San Diego Creek Reach 1	Fecal Coliform Nutrients Sedimentation/Siltation Selenium Zinc-Toxaphene
	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 Toxicity Bioassays—Chronic Toxicity—Freshwater Total Dissolved Solids
	Cottonwood Creek (in west San Diego County)	DDT Phosphorus Sediment Toxicity Bioassays—Chronic Toxicity—Freshwater
	De Luz Creek	Iron Manganese Sulfates
	Del Dios Creek	Sulfates
	El Capitan Lake	Antimony

Region Water Segment	Pollutant
	Beryllium
	Color
	Manganese
	Total Dissolved Solids
	pH (high)
Encinitas Creek	
English Canyon	Phosphorus
	Benzo[b]fluoranthene
	Dieldrin
	Sediment Toxicity Bioassays—Chronic
	Toxicity—Freshwater
Escondido Creek	
	DDT
	Manganese
	Phosphate
	Selenium
	Sulfates
	Total Dissolved Solids
Felicita Creek	
Forester Creek	Aluminum
	Oxygen, Dissolved
	Phosphorus
Green Valley Creek	
	Chloride
	Manganese
	Pentachlorophenol (PCP)
Hodges, Lake	
	Manganese
	Turbidity
	pH (high)
Kit Carson Creek	
	Pentachlorophenol (PCP)
Kitchen Creek	
	pH
Laguna Canyon Channel	
	Sediment Toxicity 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
	Manganese
	Oxygen, Dissolved
Miramar Reservoir	
	Sulfates
	Total Dissolved Solids
Morena Reservoir	
	Color

Region Water Segment	Pollutant
Murray Reservoir	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
San Diego Bay Shoreline, at Harbor Island (West Basin)	Copper
San Diego Bay Shoreline, at Marriott Marina	Copper
	Copper

Region Water Segment	Pollutant
San Juan Creek	DDE
San Marcos Creek	DDE Phosphorus Sediment Toxicity Bioassays—Chronic Toxicity—Freshwater
San Marcos Lake	Ammonia as Nitrogen Nutrients Phosphorus Total Dissolved Solids
San Vicente Reservoir	Chloride Color Manganese Sulfates Total Dissolved Solids pH (high)
Sandia Creek	Iron Manganese Nitrogen Sulfates
Santa Margarita River (Lower)	Mercury
Soledad Canyon	Sediment Toxicity Bioassays—Chronic Toxicity—Freshwater
Sutherland Reservoir	Manganese pH (high)
Sweetwater Reservoir	Oxygen, Dissolved Total Dissolved Solids
Tecolote Creek	Phosphorus Turbidity
Temecula Creek	Nitrogen Phosphorus Total Dissolved Solids
Tijuana River Estuary	Turbidity

**TABLE 8: ADDITIONS TO THE WATER QUALITY LIMITED SEGMENTS BEING
ADDRESSED CATEGORY OF THE SECTION 303(D) LIST.**

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
<u>1</u>	<u>Bodega HU, Estero de San Antonio HA, Stemple Creek/Estero do San Antonio</u>	<u>Nutrients</u> <u>Sediment</u>
	<u>Cape Mendocino HU, Mattole River HA, Mattole River</u>	<u>Sedimentation/Siltation</u>
	<u>Eel River HU, Middle Fork HA</u>	<u>Sedimentation/Siltation</u>
	<u>Eel River HU, North Fork HA</u>	<u>Sedimentation/Siltation</u>
	<u>Eel River HU, South Fork HA</u>	<u>Sedimentation/Siltation</u>
	<u>Eel River HU, Van Duzen River HA</u>	<u>Sedimentation/Siltation</u>
	<u>Klamath River HU, Salmon River HA</u>	<u>Temperature, water</u>
	<u>Klamath River HU, Scott River HA</u>	<u>Sedimentation/Siltation</u> <u>Temperature, water</u>
	<u>Mendocino Coast HU, Albion River HA, Albion River</u>	<u>Sedimentation/Siltation</u>
	<u>Mendocino Coast HU, Big River HA, Big River</u>	<u>Sedimentation/Siltation</u>
	<u>Mendocino Coast HU, Garcia River HA, Garcia River</u>	<u>Sediment</u>
	<u>Mendocino Coast HU, Gualala River HA, Gualala River</u>	<u>Sedimentation/Siltation</u>
	<u>Mendocino Coast HU, Navarro River HA</u>	<u>Sedimentation/Siltation</u>
	<u>Mendocino Coast HU, Navarro River HA, Delta</u>	<u>Sedimentation/Siltation</u>
	<u>Mendocino Coast HU, Noyo River HA, Noyo River</u>	<u>Sedimentation/Siltation</u>
	<u>Mendocino Coast HU, Rockport HA, Ten Mile River HSA</u>	<u>Sedimentation/Siltation</u>
	<u>Redwood Creek HU, Redwood Creek</u>	<u>Sedimentation/Siltation</u>
	<u>Trinity River HU, Lower Trinity HA</u>	<u>Sedimentation/Siltation</u>
	<u>Trinity River HU, Middle HA</u>	<u>Sedimentation/Siltation</u>
	<u>Trinity River HU, South Fork HA</u>	<u>Sedimentation/Siltation</u>
		<u>Sedimentation/Siltation</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
<u>2</u>	<u>Trinity River HU, Upper HA</u>	<u>Sedimentation/Siltation</u>
	<u>Trinity River HU, Upper HA, Trinity River, East Fork</u>	<u>Sedimentation/Siltation</u>
<u>3</u>	<u>Lagunitas Creek</u>	<u>Pathogens</u>
	<u>Stege Marsh</u>	<u>Chlordane</u> <u>Copper</u> <u>Dacthal</u> <u>Dieldrin</u> <u>Mercury</u> <u>Polychlorinated biphenyls</u> <u>Zinc</u>
<u>3</u>	<u>Tomales Bay</u>	<u>Pathogens</u>
	<u>Carbonera Creek</u>	<u>Nutrients</u> <u>Sedimentation/Siltation</u>
<u>3</u>	<u>Chorro Creek</u>	<u>Fecal Coliform</u> <u>Sedimentation/Siltation</u>
	<u>Chumash Creek</u>	<u>Fecal Coliform</u>
<u>3</u>	<u>Dairy Creek</u>	<u>Fecal Coliform</u> <u>Oxygen Saturation - Low Dissolved Oxygen</u>
	<u>Llagas Creek</u>	<u>Nutrients</u> <u>Sedimentation/Siltation</u>
<u>3</u>	<u>Lompico Creek</u>	<u>Nutrients</u> <u>Sedimentation/Siltation</u>
	<u>Los Osos Creek</u>	<u>Fecal Coliform</u> <u>Nutrients</u> <u>Sediment</u>
<u>3</u>	<u>Morro Bay</u>	<u>Pathogens</u> <u>Sedimentation/Siltation</u>
	<u>Pajaro River</u>	<u>Nutrients</u> <u>Sedimentation/Siltation</u>
<u>3</u>	<u>Pennington Creek</u>	<u>Fecal Coliform</u>
	<u>Rider Creek</u>	<u>Sedimentation/Siltation</u>
<u>3</u>	<u>San Benito River</u>	<u>Sedimentation/Siltation</u>
	<u>San Bernardo Creek</u>	<u>Sedimentation/Siltation</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
<u>4</u>	<u>San Lorenzo River</u>	<u>Fecal Coliform</u>
		<u>Nutrients</u> <u>Sediment</u>
	<u>San Luis Obispo Creek (Below W Marsh Street)</u>	<u>Nutrients</u> <u>Pathogens</u>
	<u>San Luisito Creek</u>	<u>Total Fecal Coliform</u>
	<u>Shingle Mill Creek</u>	<u>Nutrients</u> <u>Sedimentation/Siltation</u>
	<u>Walters Creek</u>	<u>Fecal Coliform</u>
	<u>Warden Creek</u>	<u>Fecal Coliform</u>
	<u>Watsonville Slough</u>	<u>Pathogens</u>
	<u>Abalone Cove Beach</u>	<u>Indicator Bacteria</u>
	<u>Aliso Canyon Wash</u>	<u>Selenium</u>
	<u>Ballona Creek</u>	<u>Cadmium</u> <u>Copper</u> <u>Shellfish Harvesting Advisory</u> <u>Silver</u> <u>Toxicity</u> <u>Trash</u> <u>Viruses (enteric)</u>
	<u>Ballona Creek Estuary</u>	<u>Chlordane</u> <u>Copper</u> <u>DDT</u> <u>Lead</u> <u>Polychlorinated biphenyls</u> <u>Polycyclic Aromatic Hydrocarbons (PAHs)</u> <u>Sediment Toxicity</u> <u>Zinc</u>
	<u>Big Rock Beach</u>	<u>Coliform Bacteria</u>
	<u>Bluff Cove Beach</u>	<u>Indicator Bacteria</u>
	<u>Brown Barranca/Long Canyon</u>	<u>Nitrate and Nitrite</u>
	<u>Cabrillo Beach (Outer)</u>	<u>Indicator Bacteria</u>
	<u>Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)</u>	<u>Chlordane</u> <u>DDT</u> <u>Endosulfan</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
	<u>Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)</u>	<u>Nitrogen</u> <u>Polychlorinated biphenyls</u> <u>Sediment Toxicity</u>
	<u>Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)</u>	<u>Ammonia</u> <u>ChemA</u> <u>Chlordane</u> <u>DDT</u> <u>Endosulfan</u> <u>Nitrogen</u> <u>Polychlorinated biphenyls</u> <u>Sediment Toxicity</u> <u>Sedimentation/Siltation</u> <u>Toxaphene</u>
	<u>Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)</u>	<u>Nitrate and Nitrite</u> <u>Sedimentation/Siltation</u>
	<u>Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)</u>	<u>ChemA</u> <u>Chlordane</u> <u>Chlorpyrifos</u> <u>DDT</u> <u>Dieldrin</u> <u>Endosulfan</u> <u>Nitrate as Nitrate (NO3)</u> <u>Nitrogen</u> <u>Polychlorinated biphenyls</u> <u>Sedimentation/Siltation</u> <u>Toxaphene</u> <u>Toxicity</u>
	<u>Calleguas Creek Reach 6 (was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)</u>	<u>ChemA</u> <u>Chlordane</u> <u>Chlorpyrifos</u> <u>DDT</u> <u>Dacthal</u> <u>Dieldrin</u> <u>Endosulfan</u> <u>Nitrogen</u> <u>Polychlorinated biphenyls</u> <u>Sedimentation/Siltation</u> <u>Toxaphene</u> <u>Toxicity</u>
		<u>Ammonia</u> <u>DDT</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
	<u>Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)</u>	<u>Nitrate and Nitrite</u> <u>Nitrate as Nitrate (NO3)</u> <u>Sedimentation/Siltation</u>
	<u>Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)</u>	<u>Ammonia</u> <u>Organophosphorus Pesticides</u> <u>Sedimentation/Siltation</u>
	<u>Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)</u>	<u>Sedimentation/Siltation</u>
	<u>Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)</u>	<u>ChemA</u> <u>Chlordane</u> <u>DDT</u> <u>Dieldrin</u> <u>Endosulfan</u> <u>Hexachlorocyclohexane</u> <u>Nitrate as Nitrate (NO3)</u> <u>Nitrogen, Nitrate</u> <u>Polychlorinated biphenyls</u> <u>Toxaphene</u>
	<u>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)</u>	<u>Ammonia</u> <u>ChemA</u> <u>DDT</u> <u>Endosulfan</u> <u>Toxaphene</u> <u>Toxicity</u>
	<u>Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)</u>	<u>ChemA</u> <u>DDT</u> <u>Endosulfan</u> <u>Nitrogen, Nitrite</u> <u>Toxaphene</u> <u>Toxicity</u>
	<u>Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)</u>	<u>Ammonia</u> <u>ChemA</u> <u>DDT</u> <u>Endosulfan</u> <u>Sedimentation/Siltation</u> <u>Toxaphene</u> <u>Toxicity</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
		<u>Ammonia</u> <u>Chlordane</u> <u>DDT</u>
	<u>Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)</u>	<u>Ammonia</u> <u>ChemA</u> <u>DDT</u> <u>Endosulfan</u> <u>Toxaphene</u> <u>Toxicity</u>
	<u>Carbon Beach</u>	<u>Indicator Bacteria</u>
	<u>Castlerock Beach</u>	<u>Indicator Bacteria</u>
	<u>Compton Creek</u>	<u>Copper</u> <u>Lead</u> <u>pH</u>
	<u>Coyote Creek</u>	<u>Ammonia</u>
	<u>Dan Blocker Memorial (Coral) Beach</u>	<u>Coliform Bacteria</u>
	<u>Dockweiler Beach</u>	<u>Indicator Bacteria</u>
	<u>Dry Canyon Creek</u>	<u>Selenium</u>
	<u>Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2</u>	<u>ChemA</u> <u>Chlordane</u> <u>DDT</u> <u>Nitrogen</u> <u>Sediment Toxicity</u> <u>Toxaphene</u> <u>Toxicity</u>
	<u>Escondido Beach</u>	<u>Indicator Bacteria</u>
	<u>Flat Rock Point Beach Area</u>	<u>Indicator Bacteria</u>
	<u>Fox Barranca (tributary to Calleguas Creek Reach 6)</u>	<u>Nitrate and Nitrite</u>
	<u>Hermosa Beach</u>	<u>Indicator Bacteria</u>
	<u>Inspiration Point Beach</u>	<u>Indicator Bacteria</u>
	<u>La Costa Beach</u>	<u>Indicator Bacteria</u>
	<u>Las Flores Beach</u>	<u>Coliform Bacteria</u>
	<u>Las Tunas Beach</u>	<u>Indicator Bacteria</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
	<u>Leo Carillo Beach (South of County Line)</u>	<u>Coliform Bacteria</u>
	<u>Long Point Beach</u>	<u>Coliform Bacteria</u>
	<u>Los Angeles Harbor - Inner Cabrillo Beach Area</u>	<u>Indicator Bacteria</u>
	<u>Los Angeles River Reach 1 (Estuary to Carson Street)</u>	<u>Aluminum</u> <u>Ammonia</u> <u>Copper</u> <u>Lead</u> <u>Nutrients (Algae)</u> <u>Zinc</u> <u>pH</u>
	<u>Los Angeles River Reach 2 (Carson to Figueroa Street)</u>	<u>Ammonia</u> <u>Lead</u> <u>Nutrients (Algae)</u>
	<u>Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)</u>	<u>Ammonia</u> <u>Nutrients (Algae)</u>
	<u>Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)</u>	<u>Ammonia</u> <u>Lead</u> <u>Nutrients</u>
	<u>Los Angeles River Reach 5 (within Sepulveda Basin)</u>	<u>Ammonia</u> <u>Nutrients (Algae)</u>
	<u>Lunada Bay Beach</u>	<u>Indicator Bacteria</u>
	<u>Malaga Cove Beach</u>	<u>Indicator Bacteria</u>
	<u>Malibu Beach</u>	<u>Indicator Bacteria</u>
	<u>Malibu Lagoon Beach (Surfrider)</u>	<u>Coliform Bacteria</u>
	<u>Manhattan Beach</u>	<u>Indicator Bacteria</u>
	<u>Marina del Rey Harbor - Back Basins</u>	<u>Chlordane</u> <u>Copper</u> <u>DDT</u> <u>Dieldrin</u> <u>Fish Consumption Advisory</u> <u>Indicator Bacteria</u> <u>Lead</u> <u>Polychlorinated biphenyls</u> <u>Sediment Toxicity</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
	<u>Marina del Rey Harbor Beach</u>	<u>Zinc</u>
	<u>McCoy Canyon Creek</u>	<u>Indicator Bacteria</u>
	<u>McGrath Beach</u>	<u>Selenium</u>
	<u>Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)</u>	<u>Coliform Bacteria</u>
	<u>Monrovia Canyon Creek</u>	<u>Nitrate and Nitrite</u>
	<u>Nicholas Canyon Beach</u>	<u>Lead</u>
	<u>Palo Verde Shoreline Park Beach</u>	<u>Indicator Bacteria</u>
	<u>Paradise Cove Beach</u>	<u>Pathogens</u>
	<u>Peninsula Beach</u>	<u>Fecal Coliform</u>
	<u>Point Dume Beach</u>	<u>Indicator Bacteria</u>
	<u>Point Fermin Park Beach</u>	<u>Indicator Bacteria</u>
	<u>Point Vicente Beach</u>	<u>Total Coliform</u>
	<u>Portuguese Bend Beach</u>	<u>Indicator Bacteria</u>
	<u>Promenade Park Beach</u>	<u>Indicator Bacteria</u>
	<u>Puerco Beach</u>	<u>Indicator Bacteria</u>
	<u>Redondo Beach</u>	<u>Indicator Bacteria</u>
	<u>Resort Point Beach</u>	<u>Coliform Bacteria</u>
	<u>Rincon Beach</u>	<u>Indicator Bacteria</u>
	<u>Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)</u>	<u>Indicator Bacteria</u>
		<u>Copper</u>
		<u>Lead</u>
		<u>Zinc</u>
		<u>pH</u>
	<u>Royal Palms Beach</u>	
	<u>San Gabriel River, East Fork</u>	<u>Indicator Bacteria</u>
	<u>San Jose Creek Reach 1 (SG Confluence to Temple St.)</u>	<u>Trash</u>
	<u>Santa Clara River Reach 3 (Freeman Diversion to A Street)</u>	<u>Ammonia</u>
		<u>Ammonia</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
	<u>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)</u>	<u>Chloride</u>
	<u>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)</u>	<u>Chloride</u>
	<u>Santa Clara River Reach 7 (Bouquet Canyon Rd to above Lang Gaging Station) (was named Santa Clara River Reach 9 on 2002 303(d) lists)</u>	<u>Chloride</u>
	<u>Santa Monica Beach</u>	<u>Chloride</u> <u>Nitrate and Nitrite</u>
	<u>Santa Monica Canyon</u>	<u>Indicator Bacteria</u>
	<u>Sea Level Beach</u>	<u>Indicator Bacteria</u>
	<u>Sepulveda Canyon</u>	<u>Indicator Bacteria</u>
	<u>Surfers Point at Seaside</u>	<u>Indicator Bacteria</u>
	<u>Topanga Beach</u>	<u>Indicator Bacteria</u>
	<u>Torrance Beach</u>	<u>Coliform Bacteria</u>
	<u>Torrey Canyon Creek</u>	<u>Coliform Bacteria</u>
	<u>Trancas Beach (Broad Beach)</u>	<u>Nitrate and Nitrite</u>
	<u>Tujunga Wash (LA River to Hansen Dam)</u>	<u>Fecal Coliform</u>
	<u>Venice Beach</u>	<u>Ammonia</u> <u>Copper</u>
	<u>Wheeler Canyon/Todd Barranca</u>	<u>Indicator Bacteria</u>
	<u>Whites Point Beach</u>	<u>Nitrate and Nitrite</u>
	<u>Will Rogers Beach</u>	<u>Indicator Bacteria</u>
	<u>Zuma Beach (Westward Beach)</u>	<u>Indicator Bacteria</u>
<u>5</u>	<u>Arcade Creek</u>	<u>Indicator Bacteria</u>
	<u>Bear Creek</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Cache Creek, Lower (Clear Lake Dam to</u>	<u>Mercury</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
	<u>Cache Creek Settling Basin near Yolo Bypass)</u>	<u>Mercury</u>
	<u>Calaveras River, Lower</u>	<u>Diazinon</u>
	<u>Chicken Ranch Slough</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Clear Lake</u>	<u>Mercury</u>
	<u>Delta Waterways (Stockton Ship Channel)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u> <u>Oxygen, Dissolved</u>
	<u>Delta Waterways (eastern portion)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Delta Waterways (western portion)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Elder Creek</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Elk Grove Creek</u>	<u>Diazinon</u>
	<u>Five Mile Slough (Alexandria Place to Fourteen Mile Slough)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Grasslands Marshes</u>	<u>Selenium</u>
	<u>Harley Gulch</u>	<u>Mercury</u>
	<u>Mendota Pool</u>	<u>Selenium</u>
	<u>Mosher Slough (downstream of I-5)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Mud Slough</u>	<u>Selenium</u>
	<u>Sacramento River (Keswick Dam to Cottonwood Creek)</u>	<u>Cadmium</u> <u>Copper</u> <u>Zinc</u>
	<u>San Joaquin River (Bear Creek to Mud Slough)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>San Joaquin River (Mendota Pool to Bear Creek)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>San Joaquin River (Merced River to Tuolumne River)</u>	<u>Chlorpyrifos</u>

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
<u>6</u>	<u>San Joaquin River (Mud Slough to Merced River)</u>	<u>Diazinon</u> <u>Selenium</u>
	<u>San Joaquin River (Stanislaus River to Delta Boundary)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u> <u>Selenium</u>
	<u>San Joaquin River (Tuolumne River to Stanislaus River)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u> <u>Selenium</u>
	<u>Smith Canal</u>	<u>Chlorpyrifos</u> <u>Diazinon</u> <u>Selenium</u>
	<u>Strong Ranch Slough</u>	<u>Organophosphorus Pesticides</u>
	<u>Sulphur Creek (Colusa County)</u>	<u>Chlorpyrifos</u> <u>Diazinon</u>
	<u>Aspen Creek</u>	<u>Mercury</u>
	<u>Bryant Creek</u>	<u>Metals</u>
	<u>Heavenly Valley Creek (source to USFS boundary)</u>	<u>Metals</u>
	<u>Indian Creek Reservoir</u>	<u>Sedimentation/Siltation</u>
	<u>Leviathan Creek</u>	<u>Phosphorus</u>
	<u>Mono Lake</u>	<u>Metals</u>
	<u>Searles Lake</u>	<u>Salinity/TDS/Chlorides</u>
	<u>Searles Lake</u>	<u>Petroleum Products</u> <u>Salinity/TDS/Chlorides</u>
<u>7</u>	<u>Alamo River</u>	<u>Sedimentation/Siltation</u> <u>Selenium</u>
	<u>Imperial Valley Drains</u>	<u>Sedimentation/Siltation</u>
	<u>New River (Imperial)</u>	<u>Pathogens</u> <u>Sediment</u>
	<u>Canyon Lake (Railroad Canyon Reservoir)</u>	<u>Nutrients</u>
<u>8</u>	<u>Chino Creek Reach 1</u>	

<u>Region</u>	<u>Water Segment</u>	<u>Pollutant</u>
<u>9</u>	<u>Chino Creek Reach 2</u>	<u>Pathogens</u>
	<u>Cucamonga Creek, Valley Reach</u>	<u>Coliform Bacteria</u>
	<u>Elsinore, Lake</u>	<u>Coliform Bacteria</u>
	<u>Knickerbocker Creek</u>	<u>Nutrients</u>
	<u>Mill Creek (Prado Area)</u>	<u>Organic Enrichment/Low Dissolved Oxygen</u>
	<u>Newport Bay, Lower</u>	<u>Pathogens</u>
	<u>Newport Bay, Upper (Ecological Reserve)</u>	<u>Pathogens</u>
	<u>Prado Park Lake</u>	<u>Pesticides</u>
	<u>San Diego Creek Reach 1</u>	<u>Nutrients</u>
	<u>San Diego Creek Reach 2</u>	<u>Pathogens</u>
	<u>Santa Ana River, Reach 3</u>	<u>Pesticides</u>
	<u>Chollas Creek</u>	<u>Sedimentation/Siltation</u>
	<u>Rainbow Creek</u>	<u>Pathogens</u>
	<u>San Diego Bay, Shelter Island Yacht Basin</u>	<u>Diazinon</u>
		<u>Nitrogen</u>
		<u>Phosphorus</u>
		<u>Copper</u>

TABLE 97: 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
	<u>Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs</u>	<u>Temperature, water</u>
	Klamath River HU, Salmon River HA	Nutrients
	Russian River HU, Lower Russian River HA, Guerneville HSA	Turbidity
	<u>Russian River HU, Middle Russian River HA, Laguna de Santa Rosa</u>	<u>Nitrogen</u> <u>Phosphorus</u>
2	Carquinez Strait	Diazinon
	Central Basin, San Francisco (part of SF Bay, Central)	Diazinon
	Islais Creek	Endosulfan sulfate <u>Polychlorinated biphenyls</u>
	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

Region	Water Segment	Pollutant
3	San Pablo Bay	Diazinon Selenium
	Suisun Bay	Diazinon
	Blosser Channel	Diazinon
	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
	Abalone Cove Beach	Beach Closures
	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Excess Algal Growth
	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Excess Algal Growth

Region Water Segment	Pollutant
<u>Ashland Avenue Drain</u>	<u>Coliform Bacteria</u> <u>Organic Enrichment/Low Dissolved Oxygen</u> <u>Toxicity</u>
Ballona Creek	<u>Cadmium</u> ChemA Chlordane DDT Dieldrin Lead PCBs (dioxin-like) Sediment <u>Toxicity Bioassays for Estuarine</u> <u>and Marine Water</u> Selenium <u>Silver</u> Zinc pH
Bluff Cove Beach	Beach Closures
Burbank Western Channel	<u>Ammonia</u> Cadmium Excess Algal Growth <u>Scum/Foam-unnatural Foam/Floes/Scum/Oil</u> <u>Slicks</u> Taste and odor
<u>Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)</u>	<u>Zinc</u>
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
<u>Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)</u>	- <u>Excess Algal Growth</u> <u>Nitrogen, Nitrite</u>
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	Excess Algal Growth

Region Water Segment	Pollutant
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 <u>Lead</u> 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)	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	Dieldrin Nickel Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)
<u>Los Angeles Harbor - Inner Cabrillo Beach Area</u>	<u>Beach Closures</u>
Los Angeles River Estuary (Queensway Bay)	DDT
Los Angeles River Reach 1 (Estuary to Carson Street)	Cadmium

Region Water Segment	Pollutant
Los Angeles River Reach 2 (Carson to Figueroa Street)	<u>Scum/Foam-unnatural</u>
<u>Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)</u>	<u>Scum/Foam-unnatural</u> <u>Foam/Floes/Scum/Oil Slicks</u> <u>Nutrients (Algae)</u> Taste and odor
<u>Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)</u>	<u>Scum/Foam-unnatural</u> Taste and odor
<u>Los Angeles River Reach 5 (within Sepulveda Basin)</u>	<u>Scum/Foam-unnatural</u> Taste and odor
<u>Los Angeles/Long Beach Inner Harbor</u>	<u>Scum/Foam-unnatural</u> Taste and odor <u>Copper</u> <u>Polycyclic Aromatic Hydrocarbons (PAHs)</u> <u>Zinc</u>
Los Angeles/Long Beach Outer Harbor (inside breakwater)	Polychlorinated biphenyls
Lunada Bay Beach	Beach Closures
Malaga Cove Beach	Beach Closures
Malibu Beach	-
<u>Malibu Lagoon Beach (Surfrider)</u>	<u>Beach Closures</u>
Manhattan Beach	Beach Closures
Nicholas Canyon Beach	Beach Closures
Ormond Beach	Bacteria Indicators
<u>Pico Kenter Drain</u>	<u>Ammonia</u> <u>Coliform Bacteria</u> <u>Copper</u> <u>Lead</u> <u>Polycyclic Aromatic Hydrocarbons (PAHs)</u> <u>Toxicity</u> <u>Trash</u> <u>Viruses (enteric)</u>
Point Dume Beach	Beach Closures
Point Fermin Park Beach	Beach Closures
Point Vicente Beach	

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	Beach Closures
San Gabriel River Estuary	Bacteria Indicators
San Gabriel River Reach 1 (Estuary to Firestone)	Abnormal Fish Histology (Lesions)
San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	Abnormal Fish Histology (Lesions) Excess Algal Growth Toxicity
San Gabriel River Reach 3 (Whittier Narrows to Ramona)	Lead-Copper Zinc
San Jose Creek Reach 1 (SG Confluence to Temple St.)	Toxicity
San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	Excess Algal Growth
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)	Excess Algal Growth
Santa Monica Bay Offshore/Nearshore	Nitrate and Nitrite
Sea Level Beach	Chlordane Polycyclic Aromatic Hydrocarbons (PAHs)
Topanga Beach	Beach Closures
Torrance Beach	Beach Closures
Trancas Beach (Broad Beach)	Beach Closures
Tujunga Wash (LA River to Hansen Dam)	Beach Closures
Venice Beach	Scum/Foam-unnatural Foam/Floes/Scum/Oil Slicks Taste and odor
Ventura River Estuary	Beach Closures

Region	Water Segment	Pollutant
5	Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	Fecal Coliform
	Verdugo Wash Reach 2 (Above Verdugo Road)	Excess Algal Growth
	Whites Point Beach	Excess Algal Growth
	Will Rogers Beach	Beach Closures
	Zuma Beach (Westward Beach)	Beach Closures
		Beach Closures
	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	
	<u>Harding Drain (Turlock Irrigation District Lateral #5)</u>	Diazinon
		<u>Ammonia</u>
		<u>Diazinon</u>
6	Morrison Creek	
	Sacramento River (Knights Landing to the Delta)	Diazinon
	<u>Sacramento Slough</u>	Diazinon
	Sutter Bypass	<u>Diazinon</u>
		Diazinon
	Aurora Canyon Creek	
	Bear Creek (Placer County)	Habitat alterations
	<u>Bodie Creek</u>	Sedimentation/Siltation
	Cinder Cone Springs	<u>Metals</u>
		Nitrate as Nitrate (NO ₃)
		Salinity/TDS/Chlorides
	Clark Canyon Creek	
	Cottonwood Creek (below LADWP diversion)	Habitat alterations
	Crowley Lake	Flow alterations
		Nitrogen
		Phosphorus
	Goodale Creek	
	Green Creek	Sedimentation/Siltation
	Green Valley Lake Creek	Habitat alterations
	Honey Lake Wildfowl Management Ponds	Priority Organics
		Flow alterations
	Horseshoe Lake (San Bernardino County)	Sedimentation/Siltation

Region	Water Segment	Pollutant
	Indian Creek (Alpine County)	Habitat alterations
	Lassen Creek	Flow alterations
	Lee Vining Creek	Flow alterations
	Mill Creek (Modoc County)	Sedimentation/Siltation
	<u>Mill Creek (Mono County)</u>	<u>Flow alterations</u>
	<u>Owens River (Long HA)</u>	<u>Habitat alterations</u>
	<u>Owens River (Lower)</u>	<u>Habitat alterations</u>
	<u>Owens River (Upper)</u>	<u>Habitat alterations</u>
	Pine Creek (Lassen County)	Sedimentation/Siltation
	Rough Creek	Habitat alterations
	Skedaddle Creek	Coliform Bacteria
	Tinemaha Reservoir	Copper
	Topaz Lake	Sedimentation/Siltation
	Tuttle Creek	Habitat alterations
	West Walker River	Sedimentation/Siltation
7	<u>Palo Verde Outfall Drain</u>	<u>Pathogens</u>
8	Elsinore, Lake	Sedimentation/Siltation
	<u>Huntington Harbour</u>	<u>Dieldrin</u>
	<u>Newport Bay, Lower</u>	<u>Metals</u> <u>Priority Organics</u>
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 108: 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)
	<u>Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)</u>

Region	Water Segment
	<u>Ingram Creek (from confluence with San Joaquin River to confluence with Hospital Creek)</u>
	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)
	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)
	Salt Slough (upstream from confluence with San Joaquin River)
	<u>San Joaquin River (Merced River to Tuolumne River)</u>
	<u>San Joaquin River (Stanislaus River to Delta Boundary)</u>
	<u>San Joaquin River (Tuolumne River to Stanislaus River)</u>
	<u>Stockton Deep Water Channel, Upper (Port Turning Basin)</u>
9	Chollas Creek
	Green Valley Creek
	Kit Carson Creek
	Mission Bay Shoreline
	Pacific Ocean Shoreline, San Diego HU
	<u>Pacific Ocean Shoreline, Scripps HA</u>
	San Diego River (Lower)
	Santa Margarita River (Upper)
	Tijuana River

TABLE 119: 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
			Nutrients	2006
		Klamath River, Klamath River HU, Middle HA, Iron Gate Dam to Scott River	Organic Enrichment/Low Dissolved Oxygen Temperature	2006
			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
			Nutrients	2006
		Klamath River, Klamath River HU, Middle HA, Scott River to Trinity River	Organic	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Enrichment/Low Dissolved Oxygen Temperature	2006
	Laguna de Santa Rosa TMDL	Laguna de Santa Rosa, Russian River HU, Middle Russian River HA	Low Dissolved Oxygen	2008
	Lower Lost River	Klamath River, Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	Temperature	2008
			Nutrients	2006
			Temperature	2006
		Tule Lake and Lower Klamath Lake National Wildlife Refuge (Klamath River HU)	pH (high)	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
			Temperature	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Shasta River	Shasta River, Klamath River HU, Shasta River HA	Organic Enrichment/Low Dissolved Oxygen Temperature	2006
	Ten Mile Sediment	Ten Mile River, Mendocino Coast HU, Rockport HA, Ten Mile River HSA	Sedimentation/Siltation	2006 2004
	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 2008
	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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			DDT	2008
			Dieldrin	2008
		Islais Creek	Chlordane (sediment)	2008
			Dieldrin (sediment)	2008
		Mission Creek	Chlordane (sediment)	2008
			Dieldrin (sediment)	2008
		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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	San Francisco Bay Mercury	Suisun Bay	Chlordane	2008
			DDT	2008
			Dieldrin	2008
		Carquinez Strait	Mercury	2006
		Castro Cove, Richmond (San Pablo Basin)	Mercury (sediment)	2006
		Central Basin, San Francisco (part of SF Bay, Central)	Mercury	2006
			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 Francisco Bay PCBs	San Leandro Bay (part of SF Bay, Central)	Mercury	2006
			Mercury (sediment)	2006
		San Pablo Bay	Mercury	2006
		Suisun Bay	Mercury	2006
		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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
San Francisco Bay Urban Creeks Diazinon		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
		Alameda Creek	Diazinon	2005
		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,	Diazinon	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Lower		
		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 2008
	Sonoma Creek Nutrients	Sonoma Creek	Nutrients	2007 2008
	Sonoma Creek Pathogens	Sonoma Creek	Pathogens	2006
	Sonoma Creek Sediment	Sonoma Creek	Sedimentation/Siltation	2008
	Tomales Bay Mercury	Tomales Bay	Mercury	2007 2009
	Tomales Bay Pathogens	Lagunitas Creek	Pathogens	2005
		Tomales Bay	Pathogens	2005
	Tomales Bay Sediment	Tomales Bay	Sedimentation/Siltation	2008 2010
	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	2008 6
		Valencia Creek	Sedimentation/Siltation	2008 6
	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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Dairy Creek Dissolved Oxygen	Dairy Creek	Low Dissolved Oxygen	2015
	<u>Elkhorn Slough Pathogens TMDL</u>	<u>Elkhorn Slough</u>	<u>Pathogens</u>	<u>2015</u>
	<u>Elkhorn Slough Sediment TMDL</u>	<u>Elkhorn Slough</u>	<u>Sediment</u>	<u>2015</u>
	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
		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	2014
			Low Dissolved Oxygen	2014
			Sodium	2014
			Total Dissolved Solids	2014
			pH	2014
	Pajaro River Fecal Coliform TMDL	Llagas Creek	Fecal Coliform	2011
		<u>Tesquisquita Creek (Make this bold and italicize. Do not underline)</u>	<u>Fecal Coliform (Make this bold and italicize. Do not underline.)</u>	<u>2011</u>
		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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
Salinas River - Fecal eColiform	Salinas River Nutrient TMDL	Pajaro River	Sedimentation/Siltation	2005
		Rider Gulch Creek	Sedimentation/Siltation	2005
		San Benito River	Sedimentation/Siltation	2005
		Alisal Creek (Salinas)	Fecal Coliform	2007
		Atascadero Creek (San Luis Obispo County)	Fecal Coliform	20192007
		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	20192007
		Tembladero Slough	Fecal Coliform	2007
		Alisal Creek (Salinas)	Nitrate	20076
		Old Salinas River Estuary	Nutrients	20076
		Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Nutrients	20076
	Salinas River, Salinas River Delta and Elkhorn Slough Pesticides	Salinas River Lagoon (North)	Nutrients	20076
		Tembladero Slough	Nutrients	2006
		Blanco Drain	Pesticides	20086
		Elkhorn Slough	Pesticides	20086
		Espinosa Slough	Pesticides	20086
			Priority Organics	20086
		Moro Cojo Slough	Pesticides	2006
		Moss Landing Harbor	Pesticides	2006
		Old Salinas River Estuary	Pesticides	20086
		Salinas Reclamation Canal	Pesticides	20086
			Priority Organics	20086
		Salinas River (lower, estuary to near Gonzales Rd crossing,	Pesticides	20086

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		watersheds 30910 and 30920)		
		Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	Pesticides	200 86
		Salinas River Lagoon (North)	Pesticides	200 86
		Tembladero Slough	Pesticides	200 86
	San Lorenzo River Estuary Pathogen TMDL	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 (Below W Marsh Street)	Nutrients	2004
				2005
	San Luis Obispo Creek Pathogen TMDL	San Luis Obispo Creek (Below W Marsh Street)	Pathogens	2004
	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
		Sequel Lagoon	Pathogens	2007
		Valencia Creek	Pathogens	2007
	Santa Barbara County Beaches Bacteria TMDL	Arroyo Burro Creek	Pathogens	2015
		Carpinteria Creek	Pathogens	2015
		Goleta Slough/Estuary	Pathogens	2015
		Mission Creek	Pathogens	2015
		Pacific Ocean at Arroyo Burro Beach	Bacteria	2015
		Pacific Ocean at Carpinteria State Beach	Bacteria	2015
		Pacific Ocean at East Beach (Mouth of Mission Creek)	Bacteria	2015
		Pacific Ocean at East Beach (Mouth of Sycamore Creek)	Bacteria	2015
		Pacific Ocean at Gaviota Beach	Bacteria	2015

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Pacific Ocean at Hammonds Beach	Bacteria	2015
		Pacific Ocean at Hope Ranch Beach	Bacteria	2015
		Pacific Ocean at Jalama Beach	Bacteria	2015
		Pacific Ocean at Ocean Beach	Bacteria	2015
		Pacific Ocean at Point Rincon	Bacteria	2015
		Pacific Ocean at Refugio Beach	Bacteria	2015
	Santa Maria and Oso Flaco Fecal Coliform	Alamo Creek	Fecal Coliform	2008
		Blosser Channel	Fecal Coliform	2008
		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
	Santa Maria River Pesticides TMDL	Santa Maria River	Pesticides	2015
	Santa Ynez River Nutrients TMDL	Santa Ynez 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	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Ballona Creek Metals (AU #57)	Ballona Creek	Advisory 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 confluence with Conejo Creek on 1998 303d list)	Chloride	2002
		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	Fecal Coliform	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		on 1998 303d list)		
		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 Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)	Fecal Coliform	2006
		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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			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
			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	Sedimentation/Siltation	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Reaches 1 and 2 on 1998 303d list)		
		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 on 1998 303d list)	ChemA (tissue)	2005
			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	Chlordane (tissue)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Creek/Arroyo Conejo North Fork on 1998 303d list)	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 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	Selenium		2006
Calleguas Creek Nitrogen	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	Nitrogen		2002
	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	Ammonia		2002

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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			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 1998 303d list)	PCBs (tissue)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Calleguas Creek Toxicity (2)	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	Chlorpyrifos (tissue)	2005
			Toxicity	2005
		Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	Chlorpyrifos (tissue)	2005
			Toxicity	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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Los Angeles Harbor Beaches - Beach Closures	Cabrillo Beach (Inner)	Beach Closures	2004
		LA Harbor Area	(Coliform)	
		Los Angeles Harbor Main Channel	Beach Closures	2004
	Los Angeles River Metals/Toxics	Aliso Canyon Wash	Selenium	2005
		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
			Lead	2005
		Los Angeles River Reach 2 (Carson to Figueroa Street)		
		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	Ammonia	2003

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
Los Angeles River Pathogens		Carson Street)	Nutrients (Algae)	2003
			Scum/Foam-unnatural	2003
			pH	2003
		Los Angeles River Reach 2 (Carson to Figueroa Street)	Ammonia	2003
			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
		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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
Los Angeles River Trash (12)		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
		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
		Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Trash	2002 2007
		Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Trash	2002 2007
		Burbank Western Channel	Trash	2002 2007
		<u>Echo Park Lake</u>	<u>Trash</u>	<u>2007</u>
		<u>Lincoln Park Lake</u>	<u>Trash</u>	<u>2007</u>
		<u>Los Angeles River Estuary (Queensway Bay)</u>	<u>Trash</u>	<u>2007</u>
		<u>Los Angeles River Reach 1 (Estuary to Carson Street)</u>	<u>Trash</u>	<u>2007</u>
		<u>Los Angeles River Reach 2 (Carson to Figueroa Street)</u>	<u>Trash</u>	<u>2007</u>
		<u>Los Angeles River Reach 3 (Figueroa St.</u>	<u>Trash</u>	<u>2007</u>

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		<u>to Riverside Dr.)</u>		
		<u>Los Angeles River</u>	<u>Trash</u>	<u>2007</u>
		<u>Reach 4 (Sepulveda Dr. to Sepulveda Dam)</u>		
		<u>Los Angeles River</u>	<u>Trash</u>	<u>2007</u>
		<u>Reach 5 (within Sepulveda Basin)</u>		
		<u>Peck Road Lake</u>	<u>Trash</u>	<u>2007</u>
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Trash	2007
		Tujunga Wash (LA River to Hansen Dam)	Trash	2002 2007
		Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	Trash	2002 2007
		Verdugo Wash Reach 2 (Above Verdugo Road)	Trash	2002 2007
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	
			Dissolved Oxygen	
			Scum/Foam-unnatural	2006
		Lindero Creek Reach 1	Algae	2006
			Scum/Foam-unnatural	2006
		Lindero Creek Reach 2 (Above Lake)	Algae	2006
			Scum/Foam-unnatural	2006
		Malibou Lake	Algae	2006
			Eutrophic	2006
			Organic	2006
			Enrichment/Low	
			Dissolved Oxygen	
		Malibu Creek	Nutrients (Algae)	2006
			Scum/Foam-unnatural	2006
		Malibu Lagoon	Eutrophic	2006
			pH	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		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
			Ammonia	2006
			Eutrophic	2006
			Organic Enrichment/Low Dissolved Oxygen	2006
	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
			High Coliform Count	2005
			Shellfish Harvesting Advisory	2005
			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
			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 Closures	2003

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Beach		
	McGrath Beach Coliform	McGrath Beach	High Coliform Count	2003
	San Gabriel River Metals (39)	Coyote Creek	High Coliform Count	2003
			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	2007
			Toxicity	2007
		San Gabriel River Reach 1 (Estuary to Firestone)	Algae	2007
			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
		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	Ammonia	2003

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
5	Acid Mine Drainage and Metals TMDL Project	Diversion to A Street)		
		Santa Clara River	Nitrate and Nitrite	2003
		Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)		
		Torrey Canyon Creek	Nitrate and Nitrite	2003
		Wheeler Canyon/Todd Barranca	Nitrate and Nitrite	2003
		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
			Zinc	2020
		Little Cow Creek (downstream from Afterthought Mine)	Cadmium	2020
			Copper	2020
			Zinc	2020
		Little Grizzly Creek	Copper	2020
			Zinc	2020
		Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	Metals	2020

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		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
		Camp Far West Reservoir	Mercury	2011
		Combie, Lake	Mercury	2011
	Black Butte Reservoir Mercury TMDL	Black Butte Reservoir	Mercury	2015

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	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 Organochlorine 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 Slough to Merced River)	DDT	2011
			Group A Pesticides	2011

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		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
	Marsh Creek Watershed	Dunn Creek (Mt Diablo)	Mercury	2013

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Mercury TMDL Project	Mine to Marsh Creek)		
		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	2007
			Selenium	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 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	2008
		Colusa Basin Drain	Azinphos-methyl	2008
			Carbofuran/Furadan	2008

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Diazinon	2008
			Malathion	2008
			Methyl Parathion	2008
			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 and Chlorpyrifos	Diazinon	San Joaquin River (Bear Creek to Mud Slough)	Chlorpyrifos	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Diazinon	2006
		San Joaquin River (Mendota Pool to Bear Creek)	Chlorpyrifos	2006
			Diazinon	2006
		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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Stockton Area Sloughs and Rivers	Mud Slough	Boron	2008
			Electrical Conductivity	2008
		Salt Slough (upstream from confluence with San Joaquin River)	Boron	2008
			Electrical Conductivity	2008
		Calaveras River, Lower	Diazinon	2008
			Organic Enrichment/Low Dissolved Oxygen	2008
			Pathogens	2008
		Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	Chlorpyrifos	2008
			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
			Organic Enrichment/Low Dissolved Oxygen	2008
			Pathogens	2008
		Mosher Slough (upstream of I-5)	Pathogens	2008
		Smith Canal	Organic Enrichment/Low Dissolved Oxygen	2008
			Organophosphorus Pesticides	2008
			Pathogens	2008
		Stockton Deep Water Channel, Upper (Port Turning Basin)	Pathogens	2008
		Walker Slough	Pathogens	2008

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
6	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
	Blackwood Creek	Scotts Flat Reservoir	Mercury	2012
		Blackwood Creek	Iron	2007 2015
			Nitrogen	2007
			Phosphorus	2007
			Sedimentation/Siltation	2007
	Bodie Creek Bridgeport Reservoir	Bodie Creek	Metals	2008 2006
		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	2008 2006
	Indian Creek Reservoir Phosphorus	Indian Creek Reservoir	Phosphorus	2002
	Lake Tahoe Nutrients/Sediment	Tahoe, Lake	Nitrogen	2008 2007
		Blackwood Creek	Phosphorus	2008 2007
		Ward Creek	Sedimentation/Siltation	2008 2007
	Squaw Creek Sediment	Squaw Creek	Sedimentation/Siltation	2006 2005
	Susan River Toxicity	Susan River	Unknown Toxicity	2007
	Truckee River Sediment	Truckee River	Sedimentation/Siltation	2006
	Ward Creek Sediment	Ward Creek	Iron	2015 2007
			Nitrogen	2007
			Phosphorus	2007
			Sedimentation/Siltation	2007
7	Alamo River Sedimentation/Siltation	Alamo River	Silt	2001

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Coachella Valley Storm Channel Pathogen TMDL	Coachella Valley Storm Channel	Pathogens	2006
	Imperial Valley Drains (Niland 2, P, Pumice, and their tributary drains) Sediment TMDL	Imperial Valley Drains	Sedimentation/Siltation	2004
	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
		Grout Creek	Nutrients	2008
8	Anaheim Bay TMDLs	Anaheim Bay	PCBs	2016
			Toxicity	2016
	Balboa Beach TMDLs	Balboa Beach	DDT	2016
			Dieldrin	2016
			PCBs	2016
	Big Bear Lake TMDLs	Big Bear Lake	PCBs	2016
	Big Bear Lake Tributaries Nutrient TMDLs	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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Big Bear Lake Watershed Sediment TMDL	Big Bear Lake	Nutrients	2006
			Sedimentation/Siltation	2006
		Rathbone (Rathbun) Creek	Sedimentation/Siltation	2006
	Canyon Lake Bacteria TMDL	Canyon Lake (Railroad Canyon Reservoir)	Pathogens	2006 2005
	<u>Central Irvine Channel TMDL</u>	<u>Central Irvine Channel</u>	<u>Selenium</u>	<u>2007</u>
	<u>Como Channel TMDL</u>	<u>Como Channel</u>	<u>Selenium</u>	<u>2007</u>
	<u>El Modena – Irvine Channel TMDL</u>	<u>El Modena – Irvine Channel</u>	<u>Selenium</u>	<u>2007</u>
	<u>Huntington Beach State Park TMDL</u>	<u>Huntington Beach State Park</u>	<u>PCBs</u>	<u>2016</u>
	<u>Huntington Harbour TMDLs</u>	<u>Huntington Harbour</u>	<u>Chlordane</u>	<u>2016</u>
			<u>Lead</u>	<u>2016</u>
			<u>Toxicity</u>	<u>2016</u>
	Knickerbocker Cr., Bacteria TMDL	Knickerbocker Creek	Pathogens	2005
				2005
	<u>Lake Elsinore TMDL</u>	<u>Lake Elsinore</u>	<u>PCBs</u>	<u>2016</u>
	Lake Elsinore Toxicity TMDL	Elsinore, Lake	Unknown Toxicity	2007
	Lake Elsinore Watershed Nutrient TMDL	Canyon Lake (Railroad Canyon Reservoir)	Nutrients	2004
		Elsinore, Lake	Nutrients	2004
			Organic Enrichment/Low Dissolved Oxygen	2004
	<u>Lane Channel TMDL</u>	<u>Lane Channel</u>	<u>Selenium</u>	<u>2007</u>
	Newport Bay Watershed Copper TMDL	Newport Bay, Lower	Copper	2007 2006
		Newport Bay, Upper (Ecological Reserve)	Copper	2007 2006
		San Diego Creek Reach 2	Metals	2007 2006
	<u>Newport Bay Watershed TMDL</u>	<u>Newport Bay, Lower</u>	<u>Sediment Toxicity</u>	<u>2012</u>
	Newport Bay Watershed Organochlorine Compounds TMDL	Newport Bay, Lower	Pesticides- DDT	2006
			<u>Chlordane</u>	<u>2006</u>
			Priority Organics <u>PCBs</u>	2006
		Newport Bay, Upper (Ecological Reserve)	Pesticides DDT	2006 2006
			<u>Chlordane</u>	
			<u>PCBs</u>	
		San Diego Creek Reach 1	Pesticides <u>Toxaphene</u>	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
9	Newport Bay Watershed Rhine Channel TMDLs	Newport Bay, Lower	Metals	2006
			Pesticides	2006
			Priority Organics	2006
		<u>Rhine Channel</u>	<u>Copper</u>	<u>2006</u>
			<u>Lead</u>	<u>2006</u>
			<u>Mercury</u>	<u>2006</u>
			<u>PCBs</u>	<u>2006</u>
			<u>Zinc</u>	<u>2006</u>
			<u>Sediment Toxicity</u>	<u>2012</u>
	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
	<u>Peters Canyon Channel TMDLs</u>	<u>Peters Canyon Channel</u>	<u>Toxaphene</u>	<u>2006</u>
			<u>Selenium</u>	<u>2007</u>
	<u>Santa Fe Channel TMDL</u>	<u>Santa Fe Channel</u>	<u>Selenium</u>	<u>2007</u>
	<u>Seal Beach TMDL</u>	<u>Seal Beach</u>	<u>PCBs</u>	<u>2016</u>
	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	Bacteria Indicators	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
Bacteria Impaired Waters II (Bays, Lagoons, and Shorelines)		Shoreline, Miramar Reservoir HA	Bacteria Indicators	2005
		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	Enterococci	2010
		Pine Valley Creek (Upper)		
		San Diego River (Lower)	Fecal Coliform	2005
		San Juan Creek		
		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	Bacteria Indicators	2008
		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	2010
		Pacific Ocean		
		Shoreline, Tijuana HU	Bacteria Indicators	2006
		San Diego Bay		
		Shoreline, Chula Vista		

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Marina		
		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
		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~~ 7, 8, 9 10, and 11 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.~~ The Draft 2006 Clean Water Act Section 303(d) List of Water Quality Limited Segments is available.

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	

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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		Medium	674 Miles	
					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			
				Temperature		Medium	674 Miles	
					Upstream Impoundment Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation			
1	R	Eel River, North Fork, Eel River HU, North Fork HA	11150065	Sedimentation/Siltation		Medium	382 Miles	
					Silviculture Logging Road Construction/Maintenance 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
				Temperature		Medium	382 Miles	
					Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Nonpoint Source			
1	R	Eel River, South Fork, Eel River HU, South Fork HA	11131030					
				Sedimentation/Siltation		Medium	943 Miles	
					Range Grazing-Riparian and/or Upland Silviculture Logging Road Construction/Maintenance Resource Extraction Hydromodification Flow Regulation/Modification Removal of Riparian Vegetation Erosion/Siltation Nonpoint Source			
				Temperature		Medium	943 Miles	
					Hydromodification Flow Regulation/Modification Removal of Riparian Vegetation Erosion/Siltation Nonpoint Source			
1	R	Eel River, Upper Main HA (Includes Tomki Creek)	11163050					
				Sedimentation/Siltation		Medium	1141 Miles	
					Agriculture-grazing Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance Silvicultural Point Sources Construction/Land Development Highway/Road/Bridge Construction Removal of Riparian Vegetation Streambank Modification/Destabilization Erosion/Siltation			

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

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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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		Medium	609 Miles	
					Hydromodification Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Channel Erosion			
1	R	Klamath River, Klamath River HU, Middle HA, Iron Gate Dam to Scott River	10535053					
				Nutrients		Medium	548 Miles	
					Out-of-state source Nonpoint/Point Source			
				Organic Enrichment/Low Dissolved Oxygen		Medium	548 Miles	
					Out-of-state source Nonpoint/Point Source			
				Temperature		Medium	548 Miles	
					Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source			
1	R	Klamath River, Klamath River HU, Middle HA, Oregon to Iron Gate	10537022					
				Nutrients		Medium	129 Miles	
					Industrial Point Sources Municipal Point Sources Agriculture Specialty Crop Production Agricultural Return Flows Internal Nutrient Cycling (primarily lakes) 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
				Organic Enrichment/Low Dissolved Oxygen		Medium	129 Miles	
					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			
				Temperature		Medium	129 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Nonpoint Source			
1	R	Klamath River, Klamath River HU, Middle HA, Scott River to Trinity River	10512050	Nutrients		Medium	1389 Miles	
					Industrial Point Sources			
					Municipal Point Sources			
					Agriculture			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Wastewater - land disposal			
					Upstream Impoundment			
					Natural Sources			
					Nonpoint Source			
					Out-of-state source			

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

This listing was made by USEPA.

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

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

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

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Lower Russian River HA, Austin Creek HSA	11412013	Sedimentation/Siltation	Silviculture Construction/Land Development Disturbed Sites (Land Develop.) Dam Construction Flow Regulation/Modification Erosion/Siltation	Medium	81 Miles	
				Temperature	Hydromodification Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source	Low	81 Miles	
1	R	Russian River, Russian River HU, Lower Russian River HA, Guerneville HSA	11411041	Pathogens		Low	195 Miles	
					<i>Listing covers only the Monte Rio area of this watershed from the confluence of Dutch Bill Creek to the confluence of Fife Creek and Healdsburg Memorial Beach from the Hwy 101 crossing to the railroad crossing upstream of the Beach.</i>			
					Nonpoint/Point Source			
				Sedimentation/Siltation	Agriculture Irrigated Crop Production Specialty Crop Production Agriculture-storm runoff Agriculture-grazing Silviculture Construction/Land Development Highway/Road/Bridge Construction Land Development Hydromodification Channelization Dam Construction Upstream Impoundment Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Erosion/Siltation	Medium	195 Miles	

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

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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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	87 Miles	
				<i>Entire Russian River watershed (including Santa Rosa Creek) is listed for sedimentation.</i>				
					Agriculture			
					Nonirrigated Crop Production			
					Irrigated Crop Production			
					Specialty Crop Production			
					Pasture Grazing-Riparian and/or Upland			
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Dairies			
					Construction/Land Development			
					Highway/Road/Bridge Construction			
					Land Development			
					Urban Runoff/Storm Sewers			
					Urban Runoff--Non-industrial Permitted			
					Other Urban Runoff			
					Surface Runoff			
					Hydromodification			
					Channelization			
					Bridge Construction			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
				Temperature		Low	87 Miles	
				<i>Entire Russian River watershed (including Santa Rosa Creek) is listed for temperature.</i>				
					Hydromodification			
					Upstream Impoundment			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Nonpoint Source			

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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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Sonoma, Lake	11424030	Mercury	Resource Extraction Nonpoint Source	Low	2377 Acres	
1	R	Stemple Creek/Estero do San Antonio, Bodega HU, Estero de San Antonio HA	11540010	Nutrients <i>This pollutant was relisted for this water body by USEPA in 1998.</i>	Agriculture Irrigated Crop Production Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian Intensive Animal Feeding Operations Concentrated Animal Feeding Operations (permitted, point source) Agriculture-storm runoff Land Development Hydromodification Channelization Removal of Riparian Vegetation Streambank Modification/Destabilization Drainage/Filling Of Wetlands Channel Erosion Natural Sources	Medium	61 Miles	
				Sediment	Agriculture Grazing-Related Sources Land Development Erosion/Siltation Nonpoint Source	Low	61 Miles	
1	R	Ten Mile River, Mendocino Coast HU, Rockport HA, Ten Mile River HSA	11313045	Sedimentation/Siltation	Silviculture Harvesting, Restoration, Residue Management Logging Road Construction/Maintenance	High	162 Miles	2003
				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 <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>	Surface Mining Mine Tailings	Medium	334 Acres	
2	E	Carquinez Strait	20710020	Chlordane <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	5657 Acres	
				DDT <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	5657 Acres	
				Diazinon <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>	Nonpoint Source	Low	5657 Acres	
				Dieldrin <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	5657 Acres	
				Dioxin Compounds <i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>	Atmospheric Deposition	Low	5657 Acres	
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>	Ballast Water	Medium	5657 Acres	
				Furan Compounds <i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>	Atmospheric Deposition	Low	5657 Acres	
				Mercury <i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>	Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source	High	5657 Acres	2003

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		High	5657 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		Low	5657 Acres	
				<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5-HpCB (189). This listing was made by USEPA.</i>				
					Unknown Nonpoint Source			
				Selenium		Low	5657 Acres	
				<i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i>				
					Industrial Point Sources			
					Agriculture			
2	E	Castro Cove, Richmond (San Pablo Basin)	20660014					
				Dieldrin (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
				Mercury (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
				PAHs (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
				Selenium (sediment)		Low	71 Acres	
					Urban Runoff/Storm Sewers Point Source			
2	B	Central Basin, San Francisco (part of SF Bay, Central)	20440010					
				Chlordane		Low	40 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	40 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Diazinon		Low	40 Acres	
				<i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>				
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Dieldrin		Low	40 Acres	
				This listing was made by USEPA.				
				Nonpoint Source				
				Dioxin Compounds		Low	40 Acres	
				The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.				
				Atmospheric Deposition				
				Exotic Species		Medium	40 Acres	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
				Ballast Water				
				Furan Compounds		Low	40 Acres	
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.				
				Atmospheric Deposition				
				Mercury		High	40 Acres	2003
				Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.				
				Industrial Point Sources				
				Minor Industrial Point Source				
				Municipal Point Sources				
				Resource Extraction				
				Atmospheric Deposition				
				Natural Sources				
				Nonpoint Source				
				Mercury (sediment)		Low	40 Acres	
				Urban Runoff/Storm Sewers				
				Point Source				
				PAHs (sediment)		Low	40 Acres	
				Urban Runoff/Storm Sewers				
				Point Source				
				PCBs		High	40 Acres	2004
				This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.				
				Unknown Nonpoint Source				
				PCBs (dioxin-like)		Low	40 Acres	
				The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.				
				Unknown Nonpoint Source				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		Low	40 Acres	
				<i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i>				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	R	Corte Madera Creek	20320011	Diazinon		High	4.1 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	Coyote Creek (Marin County)	20320020	Diazinon		High	2.6 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	Coyote Creek (Santa Clara Co.)	20530021	Diazinon		High	55 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	Gallinas Creek	20620013	Diazinon		High	2.1 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	Guadalupe Creek	20540050	Mercury		Medium	8.1 Miles	
				<i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>				
					Mine Tailings			
2	L	Guadalupe Reservoir	20540040	Mercury		Medium	63 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	R	Guadalupe River	20540050	Diazinon		High	18 Miles	2004
				<i>This listing was made by USEPA.</i>				
					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
				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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>		Medium	17 Miles	
				Agriculture Urban Runoff/Storm Sewers				
2	L	Lake Herman	20721030	Mercury <i>Additional monitoring and assessment needed. Problem due to historical mining.</i>		Low	108 Acres	
				Surface Mining				
2	L	Lake Merced	20210010	Low Dissolved Oxygen <i>This listing was made by USEPA.</i>		Low	299 Acres	
				pH <i>This listing was made by USEPA.</i>	Source Unknown	Low	299 Acres	
					Source Unknown			
2	L	Lake Merritt	20420040	Organic Enrichment/Low Dissolved Oxygen <i>This listing was made by USEPA.</i>		Low	142 Acres	
				Trash	Source Unknown	Low	142 Acres	
					Urban Runoff/Storm Sewers			
2	R	Laurel Creek (Solano Co)	20440040	Diazinon <i>This listing was made by USEPA.</i>		High	3 Miles	2004
					Urban Runoff/Storm Sewers			
2	R	Ledgewood Creek	20723010	Diazinon <i>This listing was made by USEPA.</i>		High	12 Miles	2004
					Urban Runoff/Storm Sewers			
2	R	Los Gatos Creek (R2)	20540011	Diazinon <i>This listing was made by USEPA.</i>		High	19 Miles	2004
					Urban Runoff/Storm Sewers			
2	E	Marina Lagoon (San Mateo County)	20440040	High Coliform Count		Low	169 Acres	
					Urban Runoff/Storm Sewers 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	Matadero Creek	20550040	Diazinon <i>This listing was made by USEPA.</i>		High	7.3 Miles	2004
					Urban Runoff/Storm Sewers			
2	R	Miller Creek	20620012	Diazinon <i>This listing was made by USEPA.</i>		High	9 Miles	2004
					Urban Runoff/Storm Sewers			
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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	Chlordane <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	0.93 Acres	
				Chlordane (sediment)	Source Unknown	Low	0.93 Acres	
				DDT <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	0.93 Acres	
				Diazinon <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>	Nonpoint Source	Low	0.93 Acres	
				Dieldrin <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	0.93 Acres	
				Dioxin Compounds <i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>	Atmospheric Deposition	Low	0.93 Acres	
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>	Ballast Water	Medium	0.93 Acres	
				Furan Compounds <i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>	Atmospheric Deposition	Low	0.93 Acres	
				Mercury <i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>	Industrial Point Sources Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source	High	0.93 Acres	2003

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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>				
				Unknown Nonpoint Source				
				PCBs (dioxin-like)		Low	0.93 Acres	
				<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
				Unknown Nonpoint Source				
				PCBs (sediment)		Low	0.93 Acres	
				Source Unknown				
				Selenium		Low	0.93 Acres	
				<i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i>				
				Industrial Point Sources				
				Agriculture				
				Natural Sources				
				Exotic Species				
2	B	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	20420040	Chlordane		Low	1.8 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				Chlordane (sediment)		Low	1.8 Acres	
				Source Unknown				
				Chlorpyrifos (sediment)		Low	1.8 Acres	
				Source Unknown				
				Copper (sediment)		Low	1.8 Acres	
				Source Unknown				
				DDT		Low	1.8 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				Diazinon		Low	1.8 Acres	
				<i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>				
				Nonpoint Source				
				Dieldrin		Low	1.8 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Dieldrin (sediment)		Low	1.8 Acres	
					Source Unknown			
				Dioxin Compounds		Low	1.8 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	1.8 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
					Ballast Water			
				Furan Compounds		Low	1.8 Acres	
				<i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>				
					Atmospheric Deposition			
				Lead (sediment)		Low	1.8 Acres	
					Source Unknown			
				Mercury		High	1.8 Acres	2003
				<i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>				
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				Mercury (sediment)		Low	1.8 Acres	
					Source Unknown			
				Mirex (sediment)		Low	1.8 Acres	
					Source Unknown			
				PAHs (sediment)		Low	1.8 Acres	
					Source Unknown			
				PCBs		High	1.8 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		Low	1.8 Acres	
				<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
					Unknown Nonpoint Source			

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

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				Nutrients <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Urban Runoff/Storm Sewers	Medium	1.1 Miles	
				Pathogens <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>	Agriculture Construction/Land Development Urban Runoff/Storm Sewers	Medium	1.1 Miles	
2	R	Pine Creek (Contra Costa Co)	20731011	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	13 Miles	2004
2	R	Pinole Creek	20660020	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	9.2 Miles	2004
2	R	Pomponio Creek	20240020	High Coliform Count	Nonpoint Source	Low	7.1 Miles	
2	B	Richardson Bay	20312010	Chlordane <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	2439 Acres	
				DDT <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	2439 Acres	
				Dieldrin <i>This listing was made by USEPA.</i>	Unknown Nonpoint Source	Low	2439 Acres	
				Dioxin Compounds <i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>	Atmospheric Deposition	Low	2439 Acres	
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>	Ballast Water	Medium	2439 Acres	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Furan Compounds		Low	2439 Acres	
				<i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>				
					Atmospheric Deposition			
				High Coliform Count		Low	2439 Acres	
				<i>Affected area, Waldo Point Harbor, is less than 10% of embayment; source has been positively identified as substandard sewage systems in some houseboat areas; extensive local control program in place with significant water quality improvements.</i>				
					Urban Runoff/Storm Sewers			
					Septage Disposal			
					Boat Discharges/Vessel Wastes			
				Mercury		High	2439 Acres	2003
				<i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>				
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs		High	2439 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		Low	2439 Acres	
				<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
					Unknown Nonpoint Source			
2	R	Rodeo Creek	20660022	Diazinon		High	8 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	E	Sacramento San Joaquin Delta	20710010	Chlordane		Low	41736 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	41736 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			

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REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Diazinon		Low	41736 Acres	
			<i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>				
				Nonpoint Source			
			Dieldrin		Low	41736 Acres	
			<i>This listing was made by USEPA.</i>				
				Nonpoint Source			
			Dioxin Compounds		Low	41736 Acres	
			<i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>				
				Atmospheric Deposition			
			Exotic Species		Medium	41736 Acres	
			<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
				Ballast Water			
			Furan Compounds		Low	41736 Acres	
			<i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>				
				Atmospheric Deposition			
			Mercury		High	41736 Acres	2003
			<i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>				
				Industrial Point Sources			
				Municipal Point Sources			
				Resource Extraction			
				Atmospheric Deposition			
				Nonpoint Source			
			Nickel		Low	41736 Acres	
			<i>This listing was made by USEPA.</i>				
				Source Unknown			
			PCBs		High	41736 Acres	2004
			<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
				Unknown Nonpoint Source			
			PCBs (dioxin-like)		Low	41736 Acres	
			<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
				Unknown Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Selenium		Low	41736 Acres	
				<i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place. Another source is exotic species.</i>				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	R	San Antonio Creek (Marin/Sonoma Co)	20630031	Diazinon		High	18 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	R	San Felipe Creek	20530041	Diazinon		High	15 Miles	2004
				<i>This listing was made by USEPA.</i>				
					Urban Runoff/Storm Sewers			
2	B	San Francisco Bay, Central	20312010	Chlordane		Low	70992 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				DDT		Low	70992 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Diazinon		Low	70992 Acres	
				<i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>				
					Nonpoint Source			
				Dieldrin		Low	70992 Acres	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Dioxin Compounds		Low	70992 Acres	
				<i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>				
					Atmospheric Deposition			
				Exotic Species		Medium	70992 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
					Ballast Water			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Furan Compounds		Low	70992 Acres	
				<i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>				
				Atmospheric Deposition				
				Mercury		High	70992 Acres	2003
				<i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>				
				Industrial Point Sources				
				Municipal Point Sources				
				Resource Extraction				
				Atmospheric Deposition				
				Natural Sources				
				Nonpoint Source				
				PCBs		High	70992 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
				Unknown Nonpoint Source				
				PCBs (dioxin-like)		Low	70992 Acres	
				<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
				Unknown Nonpoint Source				
				Selenium		Low	70992 Acres	
				<i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i>				
				Industrial Point Sources				
				Agriculture				
				Natural Sources				
				Exotic Species				
2	B	San Francisco Bay, Lower	20410010	Chlordane		Low	79293 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				DDT		Low	79293 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Diazinon		Low	79293 Acres	
				<i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>				
				Nonpoint Source				
				Dieldrin		Low	79293 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				Dioxin Compounds		Low	79293 Acres	
				<i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>				
				Atmospheric Deposition				
				Exotic Species		Medium	79293 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
				Ballast Water				
				Furan Compounds		Low	79293 Acres	
				<i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>				
				Atmospheric Deposition				
				Mercury		High	79293 Acres	2003
				<i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources: water quality objective exceedances. Elevated sediment levels and elevated tissue levels.</i>				
				Industrial Point Sources				
				Municipal Point Sources				
				Resource Extraction				
				Atmospheric Deposition				
				Natural Sources				
				Nonpoint Source				
				Nickel		Low	79293 Acres	
				<i>This listing was made by USEPA.</i>				
				Source Unknown				
				PCBs		High	79293 Acres	2004
				<i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>				
				Unknown Nonpoint Source				
				PCBs (dioxin-like)		Low	79293 Acres	
				<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
				Unknown Nonpoint Source				

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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	Chlordane <i>This listing was made by USEPA.</i>		Low	21669 Acres	
				Nonpoint Source				
				DDT <i>This listing was made by USEPA.</i>		Low	21669 Acres	
				Nonpoint Source				
				Diazinon <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>		Low	21669 Acres	
				Nonpoint Source				
				Dieldrin <i>This listing was made by USEPA.</i>		Low	21669 Acres	
				Nonpoint Source				
				Dioxin Compounds <i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>	Low	21669 Acres		
				Atmospheric Deposition				
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	21669 Acres	
				Ballast Water				
				Furan Compounds <i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>	Low	21669 Acres		
				Atmospheric Deposition				
				Mercury <i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources: water quality objective exceedances. Elevated sediment level and elevated tissue levels.</i>		High	21669 Acres	2003
				Industrial Point Sources				
				Municipal Point Sources				
				Resource Extraction				
				Atmospheric Deposition				
				Natural Sources				
				Nonpoint Source				
				PCBs <i>This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>		High	21669 Acres	2004
				Unknown Nonpoint Source				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (dioxin-like)		Low	21669 Acres	
				<i>The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
				Unknown Nonpoint Source				
				Selenium		Low	21669 Acres	
				<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-I) is not fully supported and standards are not fully met.</i>				
				Agriculture				
				Domestic Use of Ground Water				
2	R	San Francisquito Creek	20550040	Diazinon		High	12 Miles	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				
				Sedimentation/Siltation		Medium	12 Miles	
				<i>Impairment to steelhead habitat.</i>				
				Nonpoint Source				
2	R	San Gregorio Creek	20230014	High Coliform Count		Low	11 Miles	
				Nonpoint Source				
				Sedimentation/Siltation		Medium	11 Miles	
				<i>Impairment to steelhead habitat.</i>				
				Nonpoint Source				
2	B	San Leandro Bay (part of SF Bay, Central)	20420040	Chlordane		Low	588 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				DDT		Low	588 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				
				DDT (sediment)		Low	588 Acres	
				Source Unknown				
				Diazinon		Low	588 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	588 Acres	
				<i>This listing was made by USEPA.</i>				
				Nonpoint Source				

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				Dioxin Compounds		Low	588 Acres	
					Atmospheric Deposition			
				Exotic Species		Medium	588 Acres	
				<i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>				
					Ballast Water			
				Furan Compounds		Low	588 Acres	
				<i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>				
					Atmospheric Deposition			
				Lead (sediment)		Low	588 Acres	
					Source Unknown			
				Mercury		High	588 Acres	2003
				<i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>				
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				Mercury (sediment)		Low	588 Acres	
					Source Unknown			
				PAHs (sediment)		Low	588 Acres	
					Source Unknown			
				Pesticides (sediment)		Low	588 Acres	
					Source Unknown			
				Selenium		Low	588 Acres	
				<i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i>				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
				Selenium (sediment)		Low	588 Acres	
					Source Unknown			
				Zinc (sediment)		Low	588 Acres	
					Source Unknown			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	San Leandro Creek, Lower	20420012	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	9.3 Miles	2004
2	R	San Lorenzo Creek	20420023	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	11 Miles	2004
2	R	San Mateo Creek	20440032	Diazinon <i>This listing was made by USEPA.</i>	Urban Runoff/Storm Sewers	High	11 Miles	2004
2	B	San Pablo Bay	20610010	Chlordane <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	68349 Acres	
				DDT <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	68349 Acres	
				Diazinon <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>	Nonpoint Source	Low	68349 Acres	
				Dieldrin <i>This listing was made by USEPA.</i>	Nonpoint Source	Low	68349 Acres	
				Dioxin Compounds <i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>	Atmospheric Deposition	Low	68349 Acres	
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>	Ballast Water	Medium	68349 Acres	
				Furan Compounds <i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>	Atmospheric Deposition	Low	68349 Acres	

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	San Rafael Creek	20320012	Diazinon <i>This listing was made by USEPA.</i>		High	3.6 Miles	2004
					Urban Runoff/Storm Sewers			
2	R	San Vicente Creek	20221012	High Coliform Count		Low	3.8 Miles	
					Nonpoint Source			
2	R	Saratoga Creek	20550040	Diazinon <i>This listing was made by USEPA.</i>		High	18 Miles	2004
					Urban Runoff/Storm Sewers			
2	R	Sonoma Creek	20640050	Nutrients <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>		Medium	30 Miles	
					Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers			
				Pathogens <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>		Low	30 Miles	
					Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers			
				Sedimentation/Siltation <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>		Medium	30 Miles	
					Agriculture Construction/Land Development Land Development Urban Runoff/Storm Sewers			
2	R	Stevens Creek	20550020	Diazinon <i>This listing was made by USEPA.</i>		High	20 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	B	Suisun Bay	20710020	Chlordane <i>This listing was made by USEPA.</i>		Low	27498 Acres	
				Nonpoint Source				
				DDT <i>This listing was made by USEPA.</i>		Low	27498 Acres	
				Nonpoint Source				
				Diazinon <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>		Low	27498 Acres	
				Nonpoint Source				
				Dieldrin <i>This listing was made by USEPA.</i>		Low	27498 Acres	
				Nonpoint Source				
				Dioxin Compounds <i>The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.</i>	Low	27498 Acres		
				Atmospheric Deposition				
				Exotic Species <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>		Medium	27498 Acres	
				Ballast Water				
				Furan Compounds <i>The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.</i>	Low	27498 Acres		
				Atmospheric Deposition				
				Mercury <i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>		High	27498 Acres	2003
				Industrial Point Sources				
				Resource Extraction				
				Atmospheric Deposition				
				Natural Sources				
				Nonpoint Source				
				Nickel <i>This listing was made by USEPA.</i>		Low	27498 Acres	
				Source Unknown				
				PCBs <i>This listing covers non-dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.</i>		High	27498 Acres	2004
				Unknown point source				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (dioxin-like)		Low	27498 Acres	
				<i>The specific dioxin-like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.</i>				
				Unknown Nonpoint Source				
				Selenium		Low	27498 Acres	
				<i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i>				
				Industrial Point Sources				
				Natural Sources				
				Exotic Species				
2	T	Suisun Marsh Wetlands	20723000	Metals		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
				Nutrients		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
				Organic Enrichment/Low Dissolved Oxygen		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
				Salinity/TDS/Chlorides		Low	66339 Acres	
				<i>Additional monitoring and assessment needed.</i>				
				Agriculture				
				Urban Runoff/Storm Sewers				
				Flow Regulation/Modification				
2	E	Suisun Slough	20723000	Diazinon		High	1124 Acres	2004
				<i>This listing was made by USEPA.</i>				
				Urban Runoff/Storm Sewers				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Tomales Bay	20114033	Mercury <i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>		Medium	8545 Acres	
					Mine Tailings			
				Nutrients <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>		Medium	8545 Acres	
					Agriculture			
				Pathogens <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>		High	8545 Acres	2004
					Intensive Animal Feeding Operations			
					Septage Disposal			
				Sedimentation/Siltation <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>		Medium	8545 Acres	
					Agriculture			
					Upstream Impoundment			
2	R	Walker Creek	20112013	Mercury <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>		Medium	16 Miles	
					Surface Mining			
					Mine Tailings			
				Nutrients <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>		Medium	16 Miles	
					Agriculture			
				Sedimentation/Siltation <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i>		Medium	16 Miles	
					Agriculture			
2	R	Walnut Creek	20731040	Diazinon <i>This listing was made by USEPA.</i>		High	9 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	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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Bean Creek	30412041	Sedimentation/Siltation	Road Construction Disturbed Sites (Land Develop.) Resource Extraction Erosion/Siltation Nonpoint Source	Low	8.9 Miles	
3	R	Bear Creek(Santa Cruz County)	30412030	Sedimentation/Siltation	Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	Low	6.3 Miles	
3	R	Blanco Drain	30911010	Pesticides	Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source	Medium	15 Miles	
3	R	Blosser Channel	31210030	Fecal Coliform	Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources	Low	0.02 Miles	
3	R	Boulder Creek	30412020	Sedimentation/Siltation	Specialty Crop Production Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	Low	7.6 Miles	

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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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Low	188 Acres	
					Agriculture Construction/Land Development Storm sewers			
3	R	Cholame Creek	31700053	Boron		Low	8.7 Miles	
				Fecal Coliform	Source Unknown	Low	8.7 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source			
3	R	Chorro Creek	31022012	Fecal Coliform		Low	14 Miles	
				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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	Chumash Creek	31022011	Fecal Coliform		Low	2.1 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	2.1 Miles	
				<i>This listing was made by USEPA.</i>				
					Natural Sources			
3	R	Clear Creek (San Benito County)	30550013	Mercury		Medium	9.6 Miles	
					Resource Extraction			
3	R	Corralitos Creek	30510010	Fecal Coliform		Low	13 Miles	
					Source Unknown			
3	R	Dairy Creek	31022010	Fecal Coliform		Low	4.5 Miles	
				Low Dissolved Oxygen	Source Unknown	Low	4.5 Miles	
					Source Unknown			
3	E	Elkhorn Slough	30600014	Pathogens		Low	2034 Acres	
					Natural Sources			
					Nonpoint Source			
				Pesticides		Low	2034 Acres	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agricultural Return Flows			
					Erosion/Siltation			
					Contaminated Sediments			
					Nonpoint Source			
				Sedimentation/Siltation		Low	2034 Acres	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Channel Erosion			
					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	Espinosa Slough	30911010	Nutrients	Agriculture Storm sewers	Low	1.5 Miles	
				Pesticides	Agriculture	Medium	1.5 Miles	
				Priority Organics	Urban Runoff/Storm Sewers	Medium	1.5 Miles	
					Nonpoint Source			
3	R	Fall Creek	30412022	Sedimentation/Siltation	Road Construction Habitat Modification Erosion/Siltation Nonpoint Source	Low	5.1 Miles	
3	R	Gabilan Creek	30919000	Fecal Coliform	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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nutrients		Medium	16 Miles	
				<i>Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).</i>				
					Municipal Point Sources			
					Agriculture			
					Irrigated Crop Production			
					Pasture Grazing-Riparian and/or Upland			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Habitat Modification			
					Nonpoint Source			
					Unknown point source			
				pH		Low	16 Miles	
					Source Unknown			
				Sedimentation/Siltation		Medium	16 Miles	
				<i>Impaired section for Sediment/Siltation is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).</i>				
					Agriculture			
					Hydromodification			
					Habitat Modification			
				Sodium		Low	16 Miles	
				<i>Impaired section for Sodium is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).</i>				
					Source Unknown			
					Nonpoint Source			
				Total Dissolved Solids		Low	16 Miles	
				<i>Impaired section for Total Dissolved Solids is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).</i>				
					Nonpoint Source			
					Point Source			
3	R	Lompico Creek	30412040	Nutrients		Low	4.5 Miles	
					Septage Disposal			
				Pathogens		Medium	4.5 Miles	
					Septage Disposal			
					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
				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>			
					Agriculture Pasture Grazing-Riparian and/or Upland Urban Runoff/Storm Sewers Natural Sources			
				Nutrients		High	9.9 Miles	2002
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows			
				Sedimentation/Siltation		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	Metals		Medium	1922 Acres	
				Affected area is 2300 acres. Open water habitat is approximately 1900 acres and delta area is approximately 400 acres.				
					Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes			
				Pathogens		High	1922 Acres	2002
				Affected area is 2300 acres. Open water habitat is approximately 1900 acres and delta area is approximately 400 acres.				
					Range Grazing-Upland Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source			
				Sedimentation/Siltation		High	1922 Acres	2002
				Affected area is 2300 acres. Open water habitat is approximately 1900 acres and delta area is approximately 400 acres.				
					Agriculture Irrigated Crop Production Construction/Land Development Resource Extraction Channelization Channel Erosion			
3	B	Moss Landing Harbor	30600014	Pathogens		Low	79 Acres	
					Agriculture Nonpoint Source Boat Discharges/Vessel Wastes			
				Pesticides		Low	79 Acres	
					Agriculture Irrigated Crop Production Specialty Crop Production			
				Sedimentation/Siltation		Low	79 Acres	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Hydromodification Dredging Channel Erosion Erosion/Siltation Nonpoint Source			

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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	Agriculture Irrigated Crop Production Agriculture-irrigation tailwater Nonpoint Source	Medium	74 Acres	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		Medium	74 Acres	
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source			
3	R	Orcutt Solomon Creek	31210030	Boron		Low	4.7 Miles	
				<i>This listing was made by USEPA.</i>				
				Fecal Coliform	Natural Sources	Low	4.7 Miles	
					Agriculture Pasture Grazing-Riparian and/or Upland Natural Sources Nonpoint Source			
				Nitrate		Low	4.7 Miles	
					Source Unknown			
3	R	Oso Flaco Creek	31210030	Fecal Coliform		Low	6.3 Miles	
					Source Unknown			
				Nitrate		Low	6.3 Miles	
					Source Unknown			
3	L	Oso Flaco Lake	31210030	Nitrate		Low	56 Acres	
					Agriculture Nonpoint Source			
3	C	Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	31532010	Total Coliform		Low	3.1 Miles	
					Source Unknown			
3	C	Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	31534020	Fecal Coliform		Low	0.35 Miles	
					Source Unknown			
				Total Coliform		Low	0.35 Miles	
					Source Unknown			

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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	
					Source Unknown			
3	C	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	31534012	Fecal Coliform		Low	0.06 Miles	
				Total Coliform	Source Unknown	Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Refugio Beach (Santa Barbara County)	31510022	Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	R	Pajaro River	30510030	Fecal Coliform		Low	32 Miles	
				<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	
				Nitrate	Source Unknown	Low	5.9 Miles	
				Pesticides	Source Unknown	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	Pesticides		Medium	72 Miles	
				<i>Area affected is the lower 20 miles of the middle Salinas River.</i>				
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Nonpoint Source			
				Salinity/TDS/Chlorides		Low	72 Miles	
				<i>Area affected is the lower 20 miles of the middle Salinas River.</i>				
3	R	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	30981112		Agriculture			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		Medium	72 Miles	
					Agriculture			
					Irrigated Crop Production			
					Range Grazing-Riparian and/or Upland			
					Agriculture-storm runoff			
					Road Construction			
					Land Development			
3	E	Salinas River Lagoon (North)	30911010		Channel Erosion			
					Nonpoint Source			
				Chloride		Low	49 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
				Sodium		Low	49 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
3	E	Salinas River Lagoon (North)	30911010	Nutrients		Medium	197 Acres	
					Nonpoint Source			
				Pesticides		Medium	197 Acres	
					Agriculture			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	197 Acres	
					Nonpoint Source			
3	E	Salinas River Refuge Lagoon (South)	30911010	Nutrients		Medium	30 Acres	
				Pesticides	Agriculture	Medium	30 Acres	
				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	
				This listing was made by USEPA.				
					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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
3	R	San Lorenzo River	30412022	Nutrients	Septage Disposal Nonpoint Source	Low	27 Miles	
				Pathogens	Urban Runoff/Storm Sewers Septage Disposal	Medium	27 Miles	
				Sedimentation/Siltation	Silviculture Construction/Land Development Land Development Urban Runoff/Storm Sewers	High	27 Miles	2002
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	Source Unknown	High	9.6 Miles	2004
				Priority Organics	Source Unknown	High	9.6 Miles	2002
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	Source Unknown	Low	6 Miles	
				Low Dissolved Oxygen		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	Agriculture Silviculture Road Construction Disturbed Sites (Land Develop.) Erosion/Siltation Nonpoint Source	Low	9.2 Miles	
4	C	Abalone Cove Beach	40511000	Beach Closures	Nonpoint Source	High	1.1 Miles	2002
				DDT (sediment)		Low	1.1 Miles	
				PCBs	Nonpoint Source	Low	1.1 Miles	
					Fish Consumption Advisory for PCBs. 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			
				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			
				High Coliform Count		High	5.2 Miles	2002
					Nonpoint Source			
				Trash		Low	5.2 Miles	
					Nonpoint Source			
4	R	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	40515010	Algae		High	4.4 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	4.4 Miles	2002
					Nonpoint Source			
				Trash		Low	4.4 Miles	
					Nonpoint Source			
4	R	Ashland Avenue Drain	40513000	High Coliform Count		High	2.3 Miles	2002
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Low	2.3 Miles	
					Nonpoint Source			
				Toxicity		Low	2.3 Miles	
					Nonpoint Source			
4	C	Avalon Beach	40511000	Bacteria Indicators		Low	0.67 Miles	
				<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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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
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	
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

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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) <i>Historical use of pesticides and lubricants.</i>		Medium	4.3 Miles	
					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 <i>Area affected is at the mouth of the creek.</i>		Low	4.3 Miles	
					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		High	7.2 Miles	2002
				Boron	Nonpoint Source	Medium	7.2 Miles	
				<i>This listing was made by USEPA.</i>				
				ChemA (tissue)	Nonpoint Source	Medium	7.2 Miles	
				<i>Historical use of pesticides and lubricants.</i>				
				Chlordane (tissue & sediment)	Nonpoint Source	Medium	7.2 Miles	
				Chlorpyrifos (tissue)	Nonpoint Source	Medium	7.2 Miles	
				DDT (tissue & sediment)	Nonpoint Source	Medium	7.2 Miles	
				Dieldrin (tissue)	Nonpoint Source	Medium	7.2 Miles	
				Endosulfan (tissue & sediment)	Nonpoint Source	Medium	7.2 Miles	
				Fecal Coliform		Low	7.2 Miles	
				Nitrate as Nitrate (NO3)	Nonpoint/Point Source	Low	7.2 Miles	
				Nitrogen	Nonpoint/Point Source	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)		Medium	7.2 Miles	
					Nonpoint Source			
				Sedimentation/Siltation		Low	7.2 Miles	
					Agriculture			
					Natural Sources			
				Selenium		Medium	7.2 Miles	
					Nonpoint Source			
				Sulfates		Medium	7.2 Miles	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Total Dissolved Solids		Medium	7.2 Miles	
				<i>This listing was made by USEPA.</i>				
					Nonpoint Source			
				Toxaphene (tissue & sediment)		Medium	7.2 Miles	
					Nonpoint Source			
				Toxicity		High	7.2 Miles	2004
					Nonpoint Source			
				Trash		Low	7.2 Miles	
					Nonpoint Source			
4	R	Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	40311000					
				Algae		High	4.3 Miles	2002
					Nonpoint Source			
				ChemA (tissue)		Medium	4.3 Miles	
					Nonpoint Source			
				Chlordane (tissue & sediment)		Medium	4.3 Miles	
					Nonpoint Source			
				Chlorpyrifos (tissue)		High	4.3 Miles	2003
					Nonpoint Source			
				Dacthal (sediment)		Medium	4.3 Miles	
					Nonpoint Source			
				DDT (tissue & sediment)		Medium	4.3 Miles	
					Nonpoint Source			
				Dieldrin (tissue)		Medium	4.3 Miles	
					Nonpoint Source			
				Endosulfan (tissue & sediment)		Medium	4.3 Miles	
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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
					Nonpoint/Point Source			
				Total Dissolved Solids		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
					Nonpoint/Point Source			
				ChemA (tissue)		Low	1.7 Miles	
					Nonpoint Source			
				Chlordane (tissue)		Low	1.7 Miles	
				Historical use of pesticides and lubricants.				
					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)		Low	1.7 Miles	
					Nonpoint Source			
				Dieldrin (tissue)		Low	1.7 Miles	
				<i>Historical use of pesticides and lubricants.</i>				
					Nonpoint Source			
				Endosulfan (tissue)		Low	1.7 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	1.7 Miles	
					Nonpoint/Point Source			
				Hexachlorocyclohexane/HCH (tissue)		Low	1.7 Miles	
				<i>Historical use of pesticides and lubricants.</i>				
					Nonpoint Source			
				Nitrate as Nitrate (NO3)		Low	1.7 Miles	
					Nonpoint/Point Source			
				Nitrate as Nitrogen		Low	1.7 Miles	
					Nonpoint/Point Source			
				Nitrite as Nitrogen		Low	1.7 Miles	
					Nonpoint/Point Source			
				PCBs (tissue)		Low	1.7 Miles	
				<i>Historical use of pesticides and lubricants.</i>				
					Nonpoint Source			
				Sulfates		High	1.7 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		High	1.7 Miles	2003
					Nonpoint/Point Source			
				Toxaphene (tissue & sediment)		Medium	1.7 Miles	
					Nonpoint Source			
4	R	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	40363000					
				Algae		High	6.2 Miles	2002
					Nonpoint/Point Source			
				Ammonia		High	6.2 Miles	2002
					Nonpoint/Point Source			
				ChemA (tissue)		Low	6.2 Miles	
					Nonpoint Source			
				Chloride		Medium	6.2 Miles	
					Nonpoint/Point Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT (tissue)		Low	6.2 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Low	6.2 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	6.2 Miles	
					Nonpoint/Point Source			
				Sulfates		High	6.2 Miles	2003
					Nonpoint/Point Source			
				Total Dissolved Solids		High	6.2 Miles	2003
					Nonpoint/Point Source			
				Toxaphene (tissue & sediment)		Medium	6.2 Miles	
					Nonpoint Source			
				Toxicity		High	6.2 Miles	2004
					Nonpoint/Point Source			
4	R	Calleguas Creek Reach 10 (Conejo Creek (Hill Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)	40364000					
				Algae		High	3 Miles	2002
					Nonpoint/Point Source			
				Ammonia		High	3 Miles	2002
					Nonpoint/Point Source			
				ChemA (tissue)		Medium	3 Miles	
					Nonpoint Source			
				Chloride		Medium	3 Miles	
					Nonpoint/Point Source			
				DDT (tissue)		Medium	3 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Medium	3 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	3 Miles	
					Nonpoint Source			
				Nitrite as Nitrogen		Low	3 Miles	
					Nonpoint/Point Source			
				Sulfates		High	3 Miles	2003
					Nonpoint Source			
				Total Dissolved Solids		High	3 Miles	2003
					Nonpoint/Point Source			

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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	
					Nonpoint Source			
4	R	Compton Creek	40515010	Copper		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
					Nonpoint/Point Source			
4	R	Coyote Creek	40515010	Abnormal Fish Histology		Medium	13 Miles	
				Algae	Nonpoint/Point Source	High	13 Miles	2003
				Copper, Dissolved	Nonpoint/Point Source	Low	13 Miles	
				High Coliform Count	Nonpoint Source	High	13 Miles	2003
				Lead, Dissolved	Nonpoint/Point Source	Low	13 Miles	
				Selenium, Total	Nonpoint Source	Low	13 Miles	
				Toxicity		Medium	13 Miles	
				<i>This listing was made by USEPA.</i>	Point Source			
				Zinc, Dissolved		Low	13 Miles	
					Nonpoint Source			
4	L	Crystal Lake	40543000	Organic Enrichment/Low Dissolved Oxygen		Medium	3.7 Acres	
					Nonpoint Source			
4	C	Dan Blocker Memorial (Coral) Beach	40431000	High Coliform Count		High	2.1 Miles	2002
					Nonpoint Source			

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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
					Nonpoint Source			
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	
					Nonpoint/Point Source			
4	R	Dominguez Channel (Estuary to Vermont)	40512000	Aldrin (tissue)	Nonpoint/Point Source	Medium	8.3 Miles	
				Ammonia	Nonpoint/Point Source	Medium	8.3 Miles	
					Nonpoint/Point Source			

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				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	
4	R	Dry Canyon Creek	40521000	Fecal Coliform	Urban Runoff/Storm Sewers Natural Sources	Low	3.9 Miles	
				Selenium, Total	Nonpoint Source	Low	3.9 Miles	
4	R	Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	40311000	ChemA (tissue)	Nonpoint Source	Medium	12 Miles	
				Chlordane (tissue)	Nonpoint Source	Medium	12 Miles	
				DDT (tissue & sediment)	Nonpoint Source	Medium	12 Miles	
				Nitrogen	Nonpoint Source	High	12 Miles	2002

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				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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				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	Nonpoint/Point Source	Low	13 Miles	
					Nonpoint/Point Source			
4	C	Inspiration Point Beach	40511000	Beach Closures		High	0.14 Miles	2002
				DDT	Nonpoint Source	Low	0.14 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				PCBs	Nonpoint Source	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
				DDT	Nonpoint Source	Low	0.74 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
				PCBs	Nonpoint Source	Low	0.74 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	L	Lake Calabasas	40521000	Ammonia		Low	18 Acres	
				DDT (tissue)	Nonpoint Source	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	Nonpoint Source	Low	18 Acres	
				Odors		Low	18 Acres	
				Organic Enrichment/Low Dissolved Oxygen	Nonpoint Source	Low	18 Acres	
				pH	Nonpoint Source	Low	18 Acres	
					Nonpoint Source			
4	L	Lake Hughes	40351000	Algae	Nonpoint Source	Medium	21 Acres	
				Eutrophic	Nonpoint Source	Medium	21 Acres	
				Fish Kills	Nonpoint Source	Medium	21 Acres	
				Odors	Nonpoint Source	Medium	21 Acres	
				Trash	Nonpoint Source	Medium	21 Acres	
					Nonpoint Source			
4	L	Lake Lindero	40423000	Algae	Nonpoint Source	High	15 Acres	2002
				Chloride	Nonpoint Source	Low	15 Acres	
				Eutrophic	Nonpoint Source	High	15 Acres	2002
				Odors	Nonpoint Source	High	15 Acres	2002
				Specific conductivity	Nonpoint Source	Low	15 Acres	
				Trash	Nonpoint Source	Medium	15 Acres	
					Nonpoint Source			
4	L	Lake Sherwood	40426000	Algae	Nonpoint Source	High	135 Acres	2003
				Ammonia	Nonpoint Source	High	135 Acres	2002
					Nonpoint Source			

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				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 <i>Fish Consumption Advisory for PCBs.</i>		Low	0.7 Miles	
					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>		Medium	36 Acres	
					Nonpoint Source			
				Sediment Toxicity		Medium	36 Acres	
					Nonpoint Source			
				Toxaphene (tissue)		Low	36 Acres	
					Nonpoint Source			
				Zinc (sediment) <i>Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.</i>		Low	36 Acres	
					Nonpoint Source			
4	B	Los Angeles Harbor Inner Breakwater	40512000	DDT		Medium	74 Acres	
					Nonpoint Source			
				PAHs		Medium	74 Acres	
					Nonpoint Source			
				PCBs		Medium	74 Acres	
					Nonpoint Source			
4	B	Los Angeles Harbor Main Channel	40518000	Beach Closures		High	279 Acres	2004
					Nonpoint/Point Source			
				Copper (tissue & sediment)		Medium	279 Acres	
					Nonpoint/Point Source			
				DDT (tissue & sediment) <i>Fish Consumption Advisory for DDT.</i>		Medium	279 Acres	
					Nonpoint/Point Source			
				PAHs (tissue & sediment)		Medium	279 Acres	
					Nonpoint/Point Source			
				PCBs (tissue & sediment) <i>Fish Consumption Advisory for PCBs.</i>		Medium	279 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	279 Acres	
					Nonpoint/Point Source			
				Zinc (tissue & sediment)		Medium	279 Acres	
					Nonpoint/Point Source			
4	B	Los Angeles Harbor Southwest Slip	40512000	DDT <i>Fish Consumption Advisory for DDT.</i>		Medium	63 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 <i>Fish Consumption Advisory for PCBs.</i>		Medium	63 Acres	
					Nonpoint Source			
				Sediment Toxicity		Medium	63 Acres	
					Nonpoint Source			
4	E	Los Angeles River Estuary (Queensway Bay)	40512000					
				Chlordane (sediment) <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					Nonpoint Source			
				DDT (sediment) <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					Nonpoint Source			
				Lead (sediment) <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					Nonpoint Source			
				PCBs (sediment) <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					Nonpoint Source			
				Zinc (sediment) <i>Historical use of pesticides and lubricants.</i>		Low	261 Acres	
					Nonpoint Source			
4	R	Los Angeles River Reach 1 (Estuary to Carson Street)	40512000					
				Aluminum, Total		Low	3.4 Miles	
					Nonpoint/Point Source			
				Ammonia		High	3.4 Miles	2003
					Nonpoint/Point Source			
				Cadmium, Dissolved		Low	3.4 Miles	
					Nonpoint/Point Source			
				Copper, Dissolved		High	3.4 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	3.4 Miles	2003
					Nonpoint/Point Source			
				Lead		High	3.4 Miles	2003
					Nonpoint/Point Source			
				Nutrients (Algae)		High	3.4 Miles	2003
					Nonpoint/Point Source			

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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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 5 (within Sepulveda Basin)	40521000					
				Ammonia		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
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 6 (Above Sepulveda Flood Control Basin)	40521000					
				Dichloroethylene/1,1-DCE		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	
					Nonpoint Source			
4	T	Los Cerritos Channel	40515010					
				Ammonia		Medium	31 Acres	
				Chlordane (sediment)	Nonpoint Source	Low	31 Acres	
				Copper	Source Unknown	Medium	31 Acres	
					Nonpoint Source			

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				High Coliform Count		Medium	31 Acres	
				Lead	Nonpoint Source	Medium	31 Acres	
				Zinc	Nonpoint Source	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	Nonpoint Source	Low	45 Acres	
				Ammonia	Nonpoint Source	Low	45 Acres	
				ChemA (tissue) <i>Historical use of pesticides and lubricants.</i>	Nonpoint Source	Medium	45 Acres	
				Chlordane (tissue) <i>Fish Consumption Advisory.</i>	Nonpoint Source	Low	45 Acres	
				DDT (tissue) <i>Fish Consumption Advisory.</i>	Nonpoint Source	Low	45 Acres	
				Dieldrin (tissue)	Nonpoint Source	Low	45 Acres	
				Eutrophic	Nonpoint Source	Low	45 Acres	
				Odors	Nonpoint Source	Low	45 Acres	
				PCBs (tissue)	Nonpoint Source	Low	45 Acres	
				Trash	Nonpoint Source	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>		Low	0.39 Miles	
					Nonpoint Source			
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	0.39 Miles	
					Nonpoint Source			
4	L	Malibou Lake	40424000	Algae		High	40 Acres	2002
					Nonpoint Source			
				Eutrophic		High	40 Acres	2002
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		High	40 Acres	2002
					Nonpoint Source			
4	C	Malibu Beach	40421000	Beach Closures		High	0.77 Miles	2002
					Nonpoint Source			
				DDT <i>Fish Consumption Advisory for DDT.</i>		Low	0.77 Miles	
					Nonpoint Source			
4	R	Malibu Creek	40421000	Fish barriers		Low	11 Miles	
					Dam Construction			
				High Coliform Count		High	11 Miles	2003
					Nonpoint/Point Source			
				Nutrients (Algae)		High	11 Miles	2003
					Nonpoint/Point Source			
				Scum/Foam-unnatural		High	11 Miles	2003
					Nonpoint/Point Source			
				Sedimentation/Siltation		Low	11 Miles	
					Source Unknown			
				Trash		Medium	11 Miles	
					Nonpoint Source			
4	E	Malibu Lagoon	40421000	Benthic Community Effects		Low	15 Acres	
					Nonpoint/Point Source			
				Enteric Viruses		High	15 Acres	2002
					Nonpoint/Point Source			

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

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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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Low	5.4 Miles	
				Selenium	Source Unknown	High	5.4 Miles	2004
				Trash	Nonpoint Source	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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Pesticides		Low	0.24 Miles	
					Source Unknown			
4	C	Paradise Cove Beach	40435000	Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			
				DDT		Low	1.7 Miles	
				<i>Fish consumption advisory for DDT.</i>				
					Nonpoint Source			
				High Coliform Count		High	1.7 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.7 Miles	
				<i>Fish consumption advisory for PCBs.</i>				
					Nonpoint Source			
4	L	Peck Road Park Lake	40531000	Chlordane (tissue)		Low	103 Acres	
					Nonpoint Source			
				DDT (tissue)		Low	103 Acres	
					Nonpoint Source			
				Lead		Low	103 Acres	
					Nonpoint Source			
				Odors		Low	103 Acres	
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Low	103 Acres	
					Nonpoint Source			
4	C	Peninsula Beach	40311000	Bacteria Indicators		Low	0.2 Miles	
				<i>Area affected is beach area north of South Jetty.</i>				
					Nonpoint/Point Source			
4	R	Pico Kenter Drain	40513000	Ammonia		Low	8 Miles	
					Nonpoint Source			
				Copper		Medium	8 Miles	
					Nonpoint Source			
				Enteric Viruses		High	8 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	8 Miles	2002
					Nonpoint Source			

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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	
					Nonpoint Source			
4	R	Piru Creek (tributary to Santa River Reach 4)	40342000	pH		Low	63 Miles	
					Nonpoint Source Conservation Dishcharge Releases			
4	C	Point Dume Beach	40435000	Beach Closures		High	2.5 Miles	2002
				DDT	Nonpoint Source	Low	2.5 Miles	
				<i>Fish consumption advisory for DDT.</i>	Nonpoint Source			
				PCBs		Low	2.5 Miles	
				<i>Fish consumption advisory for PCBs.</i>	Nonpoint Source			
4	C	Point Fermin Park Beach	40512000	Beach Closures		High	1.6 Miles	2002
				DDT	Nonpoint Source	Low	1.6 Miles	
				<i>Fish consumption advisory for DDT.</i>	Nonpoint Source			
				PCBs		Low	1.6 Miles	
				<i>Fish consumption advisory for PCBs.</i>	Nonpoint Source			
4	C	Point Vicente Beach	40511000	Beach Closures		High	0.63 Miles	2002
					Nonpoint Source			
4	R	Pole Creek (trib to Santa Clara River Reach 3)	40331000	Sulfates		Low	9 Miles	
					Nonpoint Source			

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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)		Medium	65 Acres	
				PCBs (tissue)	Nonpoint Source	Medium	65 Acres	
					Nonpoint Source			
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)		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	
					Nonpoint Source			
4	C	Redondo Beach	40512000	Beach Closures		High	1.5 Miles	2002
					Nonpoint Source			
				DDT <i>Fish Consumption Advisory for DDT.</i>		Low	1.5 Miles	
					Nonpoint Source			
				High Coliform Count		High	1.5 Miles	2002
					Nonpoint Source			
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	1.5 Miles	
					Nonpoint Source			
4	C	Resort Point Beach	40511000	Beach Closures		High	0.15 Miles	2002
					Nonpoint Source			
4	C	Rincon Beach	40100010	Bacteria Indicators <i>Area affected is 50 and 150 yards south of mouth of Rincon Creek, and at the end of the footpath.</i>		Low	0.09 Miles	
					Nonpoint/Point Source			
4	R	Rio De Santa Clara/Oxnard Drain No. 3	40311000	ChemA (tissue)		Medium	1.9 Miles	
					Nonpoint Source			
				Chlordane (tissue)		Medium	1.9 Miles	
					Nonpoint Source			
				DDT (tissue)		Medium	1.9 Miles	
					Nonpoint Source			
				Nitrogen		High	1.9 Miles	2002
					Nonpoint Source			
				PCBs (tissue)		Medium	1.9 Miles	
					Nonpoint Source			
				Sediment Toxicity		Medium	1.9 Miles	
					Nonpoint Source			
				Toxaphene (tissue)		Medium	1.9 Miles	
					Nonpoint Source			

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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		High	4.6 Miles	2002
				Lead	Nonpoint/Point Source	High	4.6 Miles	2003
				pH		High	4.6 Miles	2002
				Trash	Nonpoint/Point Source	Low	4.6 Miles	
				Zinc		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		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	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		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			

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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 Area affected is south of drain at Kalorama Street and south of drain at San Jon Road.	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 This listing was made by USEPA.	Nonpoint/Point Source	Medium	6.4 Miles	
					Point Source			
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 This listing was made by USEPA.	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		Low	2.7 Miles	
				High Coliform Count	Nonpoint/Point Source	Low	2.7 Miles	
					Nonpoint/Point Source			
4	R	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	40531000	Algae		High	17 Miles	2003
				High Coliform Count	Nonpoint/Point Source	High	17 Miles	2003
					Nonpoint/Point Source			
4	B	San Pedro Bay Near/Off Shore Zones	40512000	Chromium (sediment)		Low	5758 Acres	
					Nonpoint/Point Source			
				Copper (sediment)		Low	5758 Acres	
					Nonpoint/Point Source			
				DDT (tissue & sediment)		Medium	5758 Acres	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint/Point Source			
				PAHs (sediment)		Medium	5758 Acres	
					Nonpoint/Point Source			
				PCBs		Medium	5758 Acres	
				<i>Fish consumption advisory for PCBs.</i>				
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	5758 Acres	
					Nonpoint/Point Source			
				Zinc (sediment)		Low	5758 Acres	
					Nonpoint/Point Source			
4	E	Santa Clara River Estuary	40311000	ChemA		Medium	49 Acres	
					Source Unknown			
				High Coliform Count		Medium	49 Acres	
					Nonpoint Source			
				Toxaphene		Medium	49 Acres	
					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	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	Nonpoint/Point Source	High	9.4 Miles	2002
				Chloride was relisted by USEPA.	Nonpoint/Point Source	Medium	9.4 Miles	
				High Coliform Count	Nonpoint/Point Source	Low	9.4 Miles	
				Nitrate and Nitrite	Nonpoint/Point Source			
4	R	Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd.)	40351000	Chloride	Nonpoint/Point Source	High	5.2 Miles	2002
				Chloride was relisted by USEPA.	Nonpoint/Point Source	Medium	5.2 Miles	
				High Coliform Count	Nonpoint/Point Source			
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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		Low	0.21 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				PCBs		Low	0.21 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					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	
				pH	Nonpoint Source	Low	63 Miles	
					Nonpoint Source			
4	R	Stokes Creek	40422020	High Coliform Count		High	4.7 Miles	2002
					Nonpoint Source			
4	C	Surfers Point at Seaside	40210000	Bacteria Indicators <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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				High Coliform Count		High	3.4 Miles	2003
				Lead	Nonpoint Source	Medium	3.4 Miles	
					Nonpoint Source			
4	R	Torrey Canyon Creek	40341000	Nitrate and Nitrite		High	1.7 Miles	2003
					Nonpoint Source			
4	C	Trancas Beach (Broad Beach)	40437000	Beach Closures		High	1.7 Miles	2002
				DDT	Nonpoint Source	Low	1.7 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				High Coliform Count		High	1.7 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.7 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	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			
				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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				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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Lead		High	119 Acres	2004
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		High	119 Acres	2002
					Nonpoint Source			
4	R	Wheeler Canyon/Todd Barranca	40321000	Nitrate and Nitrite		High	10 Miles	2003
					Nonpoint Source			
				Sulfates		Low	10 Miles	
					Nonpoint Source			
				Total Dissolved Solids		Low	10 Miles	
					Nonpoint Source			
4	C	Whites Point Beach	40511000	Beach Closures		High	1.1 Miles	2002
					Nonpoint Source			
				DDT		Low	1.1 Miles	
				<i>Fish Consumption Advisory for DDT.</i>				
					Nonpoint Source			
				PCBs		Low	1.1 Miles	
				<i>Fish Consumption Advisory for PCBs.</i>				
					Nonpoint Source			
4	C	Will Rogers Beach	40513000	Beach Closures		High	3 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	3 Miles	2002
					Nonpoint Source			
4	R	Wilmington Drain	40342000	Ammonia		Medium	0.56 Miles	
					Nonpoint Source			
				Copper		Medium	0.56 Miles	
					Nonpoint Source			
				High Coliform Count		High	0.56 Miles	2003
					Nonpoint Source			
				Lead		Medium	0.56 Miles	
					Nonpoint Source			
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>		Low	1.6 Miles	
					Nonpoint Source			
				PCBs <i>Fish Consumption Advisory for PCBs.</i>		Low	1.6 Miles	
					Nonpoint Source			
5	R	American River, Lower (Nimbus Dam to confluence with Sacramento River)	51921000					
				Mercury <i>All resource extraction sources are abandoned mines.</i>		Low	27 Miles	
					Resource Extraction			
				Unknown Toxicity		Low	27 Miles	
					Source Unknown			
5	R	Arcade Creek	51921000					
				Chlorpyrifos		High	9.9 Miles	2003
					Urban Runoff/Storm Sewers			
				Copper		Low	9.9 Miles	
					Urban Runoff/Storm Sewers			
				Diazinon <i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>		High	9.9 Miles	2003
					Agriculture			
					Urban Runoff/Storm Sewers			
5	R	Avena Drain	53140000					
				Ammonia		Low	6.4 Miles	
					Agriculture			
					Dairies			
				Pathogens		Low	6.4 Miles	
					Agriculture			
					Dairies			
5	R	Bear Creek	51320023					
				Mercury		Medium	15 Miles	
					Resource Extraction			
5	R	Bear River, Lower (below Camp Far West Reservoir)	51510000					
				Diazinon		Medium	21 Miles	
					Agriculture			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Chicken Ranch Slough	51921000	Chlorpyrifos	Urban Runoff/Storm Sewers	High	8 Miles	2003
				Diazinon	Agriculture	High	8 Miles	2003
				<i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>				
					Urban Runoff/Storm Sewers			
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	Resource Extraction	Medium	20135 Acres	
				All resource extraction sources are abandoned mines.				
				Unknown Toxicity	Source Unknown	Low	20135 Acres	
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	E	Delta Waterways (western portion)	51000000	Group A Pesticides		Low	952 Acres	
				Mercury	Agriculture	Medium	952 Acres	
				All resource extraction sources are abandoned mines.				
				Organic Enrichment/Low Dissolved Oxygen	Resource Extraction	High	952 Acres	2004
				Unknown Toxicity	Municipal Point Sources	Low	952 Acres	
					Urban Runoff/Storm Sewers			
				Source Unknown				
				Chlorpyrifos		High	22904 Acres	2004
				DDT	Agriculture	Low	22904 Acres	
					Urban Runoff/Storm Sewers			
Diazinon	Agriculture	High	22904 Acres	2004				
5	R	Dolly Creek	51854030	Electrical Conductivity		Medium	22904 Acres	
				Group A Pesticides	Agriculture	Low	22904 Acres	
				Mercury	Agriculture	Medium	22904 Acres	
				All resource extraction sources are abandoned mines.				
				Unknown Toxicity	Resource Extraction	Low	22904 Acres	
				Source Unknown				
				Copper		Low	1.5 Miles	
				All resource extraction sources are abandoned mines.				
				Zinc		Low	1.5 Miles	
				All resource extraction sources are abandoned mines.				
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Horse Creek (Rising Star Mine to Shasta Lake)	50610000	Cadmium <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	0.52 Miles	
				Copper <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	0.52 Miles	
				Lead <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	0.52 Miles	
				Zinc <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	0.52 Miles	
5	R	Humbug Creek	51732030	Copper <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	2.2 Miles	
				Mercury <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	2.2 Miles	
				Sedimentation/Siltation <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	2.2 Miles	
				Zinc <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	2.2 Miles	
5	R	Ingram/Hospital Creek	54110000	Chlorpyrifos	Agricultural Return Flows	Low	1 Miles	
				Diazinon	Agricultural Return Flows	Low	1 Miles	
5	R	Jack Slough	51540000	Diazinon	Agriculture	Medium	14 Miles	
5	R	James Creek	51224010	Mercury <i>Resource extraction sources are abandoned mines.</i> Resource Extraction		Low	6.3 Miles	

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Little Cow Creek (downstream from Afterthought Mine)	50733023	Cadmium <i>Resource extraction sources are abandoned mines.</i> Resource Extraction		Low	1.1 Miles	
				Copper <i>Resource extraction sources are abandoned mines.</i> Resource Extraction		Low	1.1 Miles	
				Zinc <i>Resource extraction sources are abandoned mines.</i> Resource Extraction		Low	1.1 Miles	
5	R	Little Deer Creek	51720012	Mercury Resource Extraction		Low	4.1 Miles	
5	R	Little Grizzly Creek	51854031	Copper Mine Tailings		Medium	9.4 Miles	
				Zinc Mine Tailings		Medium	9.4 Miles	
5	R	Lone Tree Creek	53140000	Ammonia Dairies		Low	15 Miles	
				Biological Oxygen Demand Dairies		Low	15 Miles	
				Electrical Conductivity Dairies		Low	15 Miles	
5	R	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	54300023	Metals <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	11 Miles	
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000	Mercury <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	10 Miles	
				Metals <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		Low	10 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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		Low	3.5 Miles	
					Industrial Point Sources Agriculture Urban Runoff/Storm Sewers			
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	51921000	PCBs		Low	12 Miles	
					Industrial Point Sources Agriculture Urban Runoff/Storm Sewers			
5	R	Newman Wasteway	54120000	Chlorpyrifos		Low	8.3 Miles	
					Agriculture			
				Diazinon		Low	8.3 Miles	
					Agriculture			
5	R	Oak Run Creek	50733000	Fecal Coliform		Low	5.6 Miles	
					Combined Sewer Overflow Agriculture Grazing-Related Sources Pasture Grazing-Upland Natural Sources			
5	R	Old River (San Joaquin River to Delta-Mendota Canal)	54400000	Low Dissolved Oxygen		Low	15 Miles	
					Hydromodification Source Unknown			
5	R	Orestimba Creek (above Kilburn Road)	54110000	Azinphos-methyl		Medium	9.1 Miles	
					Agriculture			
				Chlorpyrifos		Medium	9.1 Miles	
					Agriculture			
				DDE		Low	9.1 Miles	
				<i>Historical agricultural use.</i>				
				Diazinon		Medium	9.1 Miles	
					Agriculture			

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5	R	Orestimba Creek (below Kilburn Road)	54110000	Azinphos-methyl		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		Low	18 Miles	
				<i>All resource extraction sources are abandoned mines.</i>				
					Resource Extraction			
				Sedimentation/Siltation		Low	18 Miles	
					Agriculture			
					Agriculture-grazing			
					Highway/Road/Bridge Construction			
				Selenium		Low	18 Miles	
					Agriculture			
					Agriculture-grazing			
					Highway/Road/Bridge Construction			
5	R	Pit River	52661080	Nutrients		Low	123 Miles	
					Agriculture			
					Agriculture-grazing			
				Organic Enrichment/Low Dissolved Oxygen		Low	123 Miles	
					Agriculture			
					Agriculture-grazing			
				Temperature		Low	123 Miles	
					Agriculture			
					Agriculture-grazing			

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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 Urban Runoff/Storm Sewers	Medium	1.7 Miles	
				Mercury	Source Unknown	Low	1.7 Miles	

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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		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 <i>This listing was made by USEPA.</i>		Low	3.3 Miles	
					Point Source			
5	R	Strong Ranch Slough	51921000	Chlorpyrifos		High	6.4 Miles	2003
				Diazinon <i>The agricultural source of diazinon for these waterbodies is from aerial deposition.</i>	Urban Runoff/Storm Sewers	High	6.4 Miles	2003
					Agriculture			
					Urban Runoff/Storm Sewers			
5	R	Sulphur Creek (Colusa County)	51320024	Mercury <i>All resource extraction sources are abandoned mines.</i>		Medium	14 Miles	
					Resource Extraction			
5	R	Sutter Bypass	52030000	Diazinon		Medium	19 Miles	
					Agriculture			
5	R	Temple Creek	53140000	Ammonia		Low	10 Miles	
				Electrical Conductivity	Dairies	Low	10 Miles	
					Dairies			
5	R	Town Creek	50620010	Cadmium <i>All resource extraction sources are abandoned mines.</i>		Low	0.98 Miles	
					Resource Extraction			
				Copper <i>All resource extraction sources are abandoned mines.</i>		Low	0.98 Miles	
					Resource Extraction			
				Lead <i>All resource extraction sources are abandoned mines.</i>		Low	0.98 Miles	
					Resource Extraction			
				Zinc <i>All resource extraction sources are abandoned mines.</i>		Low	0.98 Miles	
					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	
All resource extraction sources are abandoned mines.								
Resource Extraction								
				Copper		Low	2 Miles	
All resource extraction sources are abandoned mines.								
Resource Extraction								
				Lead		Low	2 Miles	
All resource extraction sources are abandoned mines.								
Resource Extraction								
				Zinc		Low	2 Miles	
All resource extraction sources are abandoned mines.								
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	
All resource extraction sources are abandoned mines.								
Resource Extraction								
				Copper		Low	4 Miles	
All resource extraction sources are abandoned mines.								
Resource Extraction								
				Zinc		Low	4 Miles	
All resource extraction sources are abandoned mines.								
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
				Nitrogen		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>				
					Silviculture			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				Phosphorus		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>				
					Grazing-Related Sources			
					Silviculture			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		Medium	5.9 Miles	
				<i>Creek affected by past gravel quarry operations and other watershed disturbance including grazing and timber harvest.</i>				
					Range Grazing-Riparian and/or Upland			
					Silviculture			
					Construction/Land Development			
					Surface Runoff			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
					Nonpoint Source			

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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	
				Revision of standard may be considered.				
					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	Nitrogen <i>Revision of standards may be considered.</i>	Pasture Grazing-Riparian and/or Upland Range Grazing-Riparian and/or Upland Agriculture-storm runoff Agriculture-subsurface drainage Agriculture-irrigation tailwater Silviculture Wastewater - land disposal Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabilization Channel Erosion Erosion/Siltation Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
				Pathogens	Pasture Grazing-Riparian and/or Upland Agricultural Return Flows Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
				Sodium	Agriculture-storm runoff Agriculture-irrigation tailwater Agriculture-grazing Wastewater - land disposal Onsite Wastewater Systems (Septic Tanks) Atmospheric Deposition Highway Maintenance and Runoff Natural Sources Recreational and Tourism Activities (non-boating)	Low	3.6 Miles	
6	W	Cinder Cone Springs	63520010	Nutrients <i>Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978). Further monitoring may support delisting.</i>	Wastewater - land disposal	Medium	1 Acres	

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

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

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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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				Phosphorus		Low	9.1 Miles	
					Erosion/Siltation Atmospheric Deposition Natural Sources			
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Indian Creek (Alpine County)	63220010	Habitat alterations <i>Creek may be placed on list of water bodies impaired by pollution and not requiring TMDLs if pending revisions to regulations take effect.</i>	Agriculture Pasture Grazing-Riparian and/or Upland Agriculture-irrigation tailwater Upstream Impoundment Flow Regulation/Modification Agricultural Water Diversion	Low	13 Miles	
				Pathogens Grazing-Related Sources Pasture Grazing-Riparian and/or Upland		Low	13 Miles	
6	L	Indian Creek Reservoir	63220010	Phosphorus <i>Reservoir is eutrophic. Most significant source of nutrient loading is release of phosphorus from sediment. Draft phosphorus TMDL, first released in 2000, is planned for revision and recirculation, with Regional Board consideration in July 2002. Reductions in phosphorus loading are expected to ameliorate other problems associated with eutrophication.</i>	Pasture Grazing-Riparian and/or Upland Wastewater Flow Regulation/Modification Erosion/Siltation Internal Nutrient Cycling (primarily lakes)	High	164 Acres	2002
6	R	Lassen Creek	63720082	Flow alterations <i>Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollution rather than pollutants, and no TMDL would be developed.</i>	Flow Regulation/Modification	Low	8 Miles	
6	R	Lee Vining Creek	60100035	Flow alterations <i>Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollution but not requiring TMDLs.</i>	Flow Regulation/Modification	Low	9 Miles	

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	R	Leviathan Creek	63210080	Metals <i>TMDL development to be coordinated with ongoing Regional Board and CERCLA remediation activities at Leviathan Mine site.</i>	Mine Tailings Acid Mine Drainage Inactive Mining Erosion/Siltation	Low	3.2 Miles	
6	R	Mammoth Creek	60310053	Metals <i>Needs monitoring to determine current extent of impairment and need for TMDL.</i>	Other Urban Runoff Natural Sources Nonpoint Source	Low	12 Miles	
6	R	Mill Creek (Modoc County)	64130011	Sedimentation/Siltation <i>Creek needs monitoring to determine current extent of impairment and need for TMDL.</i>	Range Grazing-Riparian and/or Upland	Low	4.2 Miles	
6	R	Mill Creek (Mono County)	60100080	Flow alterations <i>Under pending revisions to regulations, creek could be placed on a separate list of water bodies impaired by pollution and not requiring TMDLs.</i>	Water Diversions	Low	12 Miles	
6	R	Monitor Creek	63210070	Aluminum <i>TMDL to be coordinated with CERCLA remediation.</i>	Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source	Low	4 Miles	
				Iron <i>TMDL to be coordinated with CERCLA remediation.</i>	Mill Tailings Mine Tailings Acid Mine Drainage Inactive Mining Natural Sources Nonpoint/Point Source	Low	4 Miles	

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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 to 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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		Low	14 Miles	
					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			
6	L	Tahoe, Lake	63430010	Nitrogen		Medium	85364 Acres	
					Grazing-Related Sources			
					Silviculture			
					Construction/Land Development			
					Land Development			
					Urban Runoff/Storm Sewers			
					Urban Runoff--Non-industrial Permitted			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Surface Runoff			
					Urban Runoff--Erosion and Sedimentation			
					Hydromodification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Marinas and Recreational Boating			
					Atmospheric Deposition			
					Highway Maintenance and Runoff			
					Internal Nutrient Cycling (primarily lakes)			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
					Golf course activities			
					Groundwater Loadings			

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

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

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

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
6	L	Twin Lakes (Owens HU)	60310051	Nitrogen <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	
				Phosphorus <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	Iron	Silviculture Other Urban Runoff Highway/Road/Bridge Runoff Channel Erosion Erosion/Siltation Natural Sources	Low	5.7 Miles	
				Nitrogen <i>Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for 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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Phosphorus		Low	5.7 Miles	
				<i>Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek.</i>				
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Urban Runoff--Erosion and Sedimentation			
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
				Sedimentation/Siltation		Medium	5.7 Miles	
				<i>The University of California Davis Tahoe Research Group is currently researching sediment sources in the Ward Creek watershed.</i>				
					Silviculture			
					Land Development			
					Urban Runoff/Storm Sewers			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Nonpoint Source			
6	R	West Walker River	63110060	Sedimentation/Siltation		Low	49 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			
6	R	Wolf Creek (Alpine County)	63210031	Sedimentation/Siltation		Low	12 Miles	
					Range Grazing-Riparian and/or Upland			
					Silviculture			
					Nonpoint Source			
7	R	Alamo River	72310000	Pesticides		Low	57 Miles	
				<i>Pesticides may be contained in agricultural return flows. Elevated fish tissue levels. Toxic bioassay results.</i>				
					Agricultural Return Flows			
				Selenium		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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
7	R	Coachella Valley Storm Channel	71947000	Pathogens	Source Unknown	Medium	69 Miles	
7	R	Imperial Valley Drains	72310000	Pesticides		Low	1222 Miles	
				<i>Elevated fish tissue levels and toxic bioassay results</i>				
				Sedimentation/Siltation	Agricultural Return Flows	High	1222 Miles	2004
					Agricultural Return Flows			
				Selenium		Low	1222 Miles	
				<i>Selenium originates from Upper basin Portion of colorado River. Elevated fish tissue levels.</i>				
					Agricultural Return Flows			
7	R	New River (Imperial)	72310000	1,2,4-trimethylbenzene	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	Industrial Point Sources Out-of-state source	Low	66 Miles	
				<i>Regional Board proposes to establish TMDL in cooperation with U.S. EPA and Mexico.</i>				
					Major Municipal Point Source-dry and/or wet weather discharge			
					Agricultural Return Flows			
					Out-of-state source			
				Organic Enrichment/Low Dissolved Oxygen		Medium	66 Miles	
					Wastewater			
					Inappropriate Waste Disposal/Wildcat Dumping			
					Out-of-state source			
					Unknown point source			
				o-Xylenes		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			
				p-Cymene		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			

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				p-Dichlorobenzene (DCB)		Low	66 Miles	
					Industrial Point Sources Out-of-state source			
				Pesticides		Low	66 Miles	
					Agricultural Return Flows Out-of-state source			
				Sedimentation/Siltation		High	66 Miles	2002
					Agricultural Return Flows			
				Toluene		Low	66 Miles	
					Industrial Point Sources Out-of-state source			
				Trash		Medium	66 Miles	
					Out-of-state source			
7	R	Palo Verde Outfall Drain	71540000					
				Pathogens		High	7.4 Miles	2003
					Source Unknown			
7	S	Salton Sea	72800000					
				Nutrients		High	233340 Acres	2004
					Major Industrial Point Source Agricultural Return Flows Out-of-state source			
				Salinity		Low	233340 Acres	
				TMDL development will not be effective in addressing this problem, which will require an engineering solution with federal, local, and state cooperation.				
					Agricultural Return Flows Out-of-state source Point Source			
				Selenium		Medium	233340 Acres	
					Agricultural Return Flows			
8	B	Anaheim Bay	80111000					
				Copper		Low	402 Acres	
				This listing was made by USEPA.				
					Source Unknown			
				Dieldrin (tissue)		Low	402 Acres	
				This listing was made by USEPA.				
					Source Unknown			
				Nickel		Low	402 Acres	
				This listing was made by USEPA.				
					Source Unknown			

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				PCBs (tissue) <i>This listing was made by USEPA.</i>		Low	402 Acres	
					Source Unknown			
8	L	Big Bear Lake	80171000	Copper		Medium	2865 Acres	
					Resource Extraction			
				Mercury		Medium	2865 Acres	
					Resource Extraction			
				Metals		Medium	2865 Acres	
					Resource Extraction			
				Noxious aquatic plants		High	2865 Acres	2004
					Construction/Land Development Unknown point source			
				Nutrients		High	2865 Acres	2004
					Construction/Land Development Snow skiing activities			
				Sedimentation/Siltation		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>				
					Source Unknown			
				Nickel		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>				
					Source Unknown			
				Total Coliform		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	
					Nonpoint Source			
				Pathogens		Low	453 Acres	
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	Unknown Nonpoint Source	High	2431 Acres	2003
				Unknown Toxicity	Urban Runoff/Storm Sewers	High	2431 Acres	2004
					Unknown Nonpoint Source			
8	L	Fulmor, Lake	80221000	Pathogens	Unknown Nonpoint Source	Low	4.2 Acres	
8	R	Grout Creek	80171000	Metals	Unknown Nonpoint Source	Medium	3.5 Miles	
				Nutrients	Unknown Nonpoint Source	High	3.5 Miles	2004
					Unknown Nonpoint Source			
8	C	Huntington Beach State Park	80111000	Enterococci		Low	5.8 Miles	
				Impaired 50 yards around drain at Magnolia.	Source Unknown			

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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	
				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	
				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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	B	Mission Bay	90640000	Bacteria Indicators <i>Impairment located along entire bay shoreline.</i>		Medium	2032 Acres	
					Nonpoint/Point Source			
				Eutrophic <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	
					Nonpoint/Point Source			
				Lead <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	
					Nonpoint/Point Source			
9	R	Murrieta Creek	90252000	Phosphorus		Low	12 Miles	
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source			
9	C	Pacific Ocean Shoreline, Aliso HSA	90113000	Bacteria Indicators <i>Impairment located at Laguna Beach at Lagunita Place / Blue Lagoon Place, Aliso Beach.</i>		Medium	0.65 Miles	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Buena Vista Creek HA	90421000	Bacteria Indicators <i>Impairment located at Buena Vista Creek, Carlsbad City Beach at Carlsbad Village Drive, Carlsbad State Beach at Pine Avenue.</i>		Low	1.2 Miles	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Dana Point HSA	90114000	Bacteria Indicators <i>Impairment located at Aliso Beach at West Street, Aliso Beach at Table Rock Drive, 1000 Steps Beach at Pacific Coast Hwy (Hospital, 9th Ave), Salt Creek (large outlet), Salt Creek Beach at Salt Creek service road, Salt Creek Beach at Dana Strand Road.</i>		Medium	2 Miles	
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Escondido Creek HA	90461000	Bacteria Indicators <i>Impairment located at San Elijo Lagoon outlet.</i>		Low	0.44 Miles	
					Nonpoint/Point Source			

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9	C	Pacific Ocean Shoreline, Laguna Beach HSA	90112000	Bacteria Indicators <i>Impairment located at Main Laguna Beach, Laguna Beach at Ocean Avenue, Laguna Beach at Laguna Avenue, Laguna Beach at Cleo Street, Arch Cove at Bluebird Canyon Road, Laguna Beach at Dumond Drive.</i>		Medium	1.8 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, Loma Alta HA	90410000	Bacteria Indicators <i>Impairment located at Loma Alta Creek Mouth.</i>		Low	1.1 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, Lower San Juan HSA	90120000	Bacteria Indicators <i>Impairment located at North Beach Creek, San Juan Creek (large outlet), Capistrano Beach, South Capistrano Beach at Beach Road.</i>		Medium	1.2 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, Miramar Reservoir HA	90610000	Bacteria Indicators <i>Impairment located at Torrey Pines State Beach at Del Mar (Anderson Canyon).</i>		Low	0.39 Miles	
Urban Runoff/Storm Sewers								
Unknown Nonpoint Source								
Unknown point source								
9	C	Pacific Ocean Shoreline, San Clemente HA	90130000	Bacteria Indicators <i>Impairment located at Poche Beach (large outlet), Ole Hanson Beach Club Beach at Pico Drain, San Clemente City Beach at El Portal St. Stairs, San Clemente City Beach at Mariposa St., San Clemente City Beach at Linda Lane, San Clemente City Beach at South Linda Lane, San Clemente City Beach at Lifeguard Headquarters, Under San Clemente Municipal Pier, San Clemente City Beach at Trafalgar Canyon (Trafalgar Ln.), San Clemente State Beach at Riviera Beach, San Clemente State Beach at Cypress Shores.</i>		Medium	3.7 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, San Diego HU	90711000	Bacteria Indicators <i>Impairment located at San Diego River Mouth (aka Dog Beach).</i>		Medium	0.37 Miles	
Nonpoint/Point Source								
9	C	Pacific Ocean Shoreline, San Dieguito HU	90511000	Bacteria Indicators <i>Impairment located at San Dieguito Lagoon Mouth, Solana Beach.</i>		Low	0.86 Miles	
Nonpoint/Point Source								

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				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	Nonpoint/Point Source	Medium	37 Acres	
				<i>Includes Crosby Street/Cesar Chavez Park area, that will receive additional monitoring.</i>				
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	Bacteria Indicators <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	
				Benthic Community Effects	Nonpoint/Point Source	Medium	9.9 Acres	
				Sediment Toxicity	Nonpoint/Point Source	Medium	9.9 Acres	
9	B	San Diego Bay, Shelter Island Yacht Basin	90810000	Copper, Dissolved	Nonpoint/Point Source	High	153 Acres	2003
9	R	San Diego River (Lower)	90711000	Fecal Coliform <i>Lower 6 miles.</i>	Urban Runoff/Storm Sewers Wastewater Nonpoint/Point Source	Low	12 Miles	
				Low Dissolved Oxygen <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	12 Miles	
				Phosphorus <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source	Low	12 Miles	
				Total Dissolved Solids <i>Impairment transcends adjacent Calwater watershed 90712.</i>	Urban Runoff/Storm Sewers Flow Regulation/Modification Natural Sources Unknown Nonpoint Source Unknown point source	Low	12 Miles	

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

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9	E	Santa Margarita Lagoon	90211000	Eutrophic		Low	28 Acres	
					Nonpoint/Point Source			
9	R	Santa Margarita River (Upper)	90222000	Phosphorus		Low	18 Miles	
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source			
9	R	Segunda Deshecha Creek	90130000	Phosphorus		Low	0.92 Miles	
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source			
				Turbidity		Low	0.92 Miles	
					Construction/Land Development Urban Runoff/Storm Sewers Channelization Flow Regulation/Modification Unknown Nonpoint Source Unknown point source			
9	L	Sutherland Reservoir	90553000	Color		Low	561 Acres	
					Urban Runoff/Storm Sewers Unknown Nonpoint Source Unknown point source			
9	R	Tecolote Creek	90650000	Bacteria Indicators		Medium	6.6 Miles	
					Nonpoint/Point Source			
				Cadmium		Low	6.6 Miles	
					Nonpoint/Point Source			
				Copper		Low	6.6 Miles	
					Nonpoint/Point Source			
				Lead		Low	6.6 Miles	
					Nonpoint/Point Source			
				Toxicity		Low	6.6 Miles	
					Nonpoint/Point Source			
				Zinc		Low	6.6 Miles	
					Nonpoint/Point Source			

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

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>		Low	1319 Acres	
					Nonpoint/Point Source			
				Trash <i>Estimated size of impairment is 1 acre.</i>		Low	1319 Acres	
					Nonpoint/Point Source			

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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