Staff Report

VOLUME I

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

CALIFORNIA
Water Boards

State Water Resources Control Board
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Division of Water Quality

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STAFF REPORT

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

VOLUME I

November 2006
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 have been included for completion dates for Total Maximum Daily Loads (TMDLs). The report provides a summary of list changes and the SWRCB staff analysis of data and information.

This staff report has four parts: (1) Volume I contains the listing methodology and a summary of the proposed additions, deletions, changes, and TMDL schedules; (2) Volume II contains summaries of the listing and delisting proposals for the North Coast, San Francisco Bay, Central Coast, and Los Angeles regions; (3) Volume III 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. Fact sheets were also prepared when review of data resulted no change in listing status of water bodies.

SWRCB accepted testimony at northern and southern California workshops on the proposed changes to the 2002 section 303(d) list. The SWRCB approved the 2006 section 303(d) list at its October 25, 2006 meeting. The list and supporting information was submitted in November 2006 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
CTR	California Toxics Rule
CWA	Clean Water Act
^{o}C	degrees Celsius
^{o}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
oc	organic carbon
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
WQO	Water quality objective
WQS	Water quality standard
ww	wet weight
WWTP	Waste water treatment plant

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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 four parts: (1) Volume I contains the listing methodology and a summary of the proposed additions, deletions, changes, and TMDL schedules; (2) Volume II contains summaries of the proposals for the North Coast, San Francisco Bay, Central Coast, and Los Angeles regions; (3) Volume III 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 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 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 and any additional data that has

become available. If the listing was removed in 2002 based solely on the fact 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 vs. USEPA, WL 756614 (N.D. Cal. 2005)), the court found that invasive species are 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, 2006a), or (2) Do not delist (SWRCB, 2006b).
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 considered 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.

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;
- Municipal Separate Storm Sewer System reports;
- Information on water quality problems in documents prepared to satisfy Superfund and Resource Conservation and Recovery Act requirements;
- 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;
- 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 fact sheet development, contents of the fact sheets, standards used, evaluation guidelines used, fact sheets for affected area changes, and the process for addressing faulty listings.

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 listing 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			
Arsenic	70 µg/g dw			33.0 mg/kg dw
Cadmium		4.21 µg/g dw		4.98 mg/kg dw
Chromium	370 µg/g dw			111 mg/kg dw
Copper	270 µg/g dw			149 mg/kg dw
Lead		112.18 µg/g dw		128 mg/kg dw
Mercury			2.1 µg/g[4]	1.06 mg/kg dw
Nickel				48.6 mg/kg dw
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

[1]Long et al., 1995
[2]MacDonald et al., 1996
[3]MacDonald et al., 2000a
dw = Dry Weight
[4]PTI Environmental Services, 1991
[5]Long and Morgan, 1990
[6]USEPA, 1993d
[7]MacDonald et al., 2000b
[8]Fairey et al., 2001
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	

[1]Brodberg and Pollock, 1999
[2]USEPA, 2000b
[3]USEPA, 2000a
[4] Klassing and Brodberg, 2004

mg/kg = milligrams per kilogram (parts per million)
ng/kg = nanograms per kilogram
(measurements based on wet tissue samples)

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 temperature (for protection of steelhead or rainbow trout)	21.0°C[3]
Turbidity (for protection of fish populations)	25 NTU[4]

[1]Siepmann and Finlayson, 2000; Finlayson, 2004
[2]Fan et al., 2004
[3]Sullivan et al., 2000
[4]Sigler et al., 1984

Exotic/Invasive Species

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

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

In developing recommendations for the 2006 section 303(d) list, the provisions of the Listing Policy were applied to the data and information available for exotic/invasive species. At present, no evaluation guidelines are available that can be used to assess the potential for impact from exotic species. However, studies were available in the record that allowed a review of the trends in the presence of some exotic/invasive species and their potential influence on native species. To evaluate these trends, section 3.10 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.]

Waters and pollutants were recommended for removal from the list if:

- The original listing was not justified by any data.
- 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 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 held public workshops to receive comment on the proposed section 303(d) list. The first workshop was held in southern California (on December 6, 2005) and the second workshop was held in northern California (on January 5, 2006). The SWRCB staff responded in writing to all comments received. The responses are presented in Volume IV of the staff report. Comments received on the draft final section 303(d) list

(released for comment on September 20, 2006) received written responses if the comments were received before October 11, 2006. Comments received between October 11 and October 20, 2006 were addressed generally by staff at the October 25, 2006 Board meeting.

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 352 water quality limited segments (water body-pollutant combinations) to the section 303(d) list. It is further recommended that 203 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 365 water body-pollutant combinations are recommended to be placed in this category.

The additions and deletions are presented in Tables 7 and 8, respectively. Several changes to the affected area for a variety of listings are also recommended (Table 9). 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 LISTINGS AND DELISTINGS.

Region	Numbers of Recommendations to	
	List	Delist
North Coast (1)	11	5
San Francisco Bay (2)	30	24
Central Coast (3)	51	20
Los Angeles (4)	63	110
Central Valley (5)	37	4
Lahontan (6)	5	29
Colorado River Basin (7)	23	1
Santa Ana (8)	31	4
San Diego (9)	101	6
Statewide	352	203

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.

Region	Numbers of Recommendations to List in the Being Addressed Category
North Coast (1)	24
San Francisco Bay (2)	9
Central Coast (3)	31
Los Angeles (4)	222
Central Valley (5)	39
Lahontan (6)	8
Colorado River Basin (7)	5
Santa Ana (8)	23
San Diego (9)	4
Statewide	365

With the recommendations presented in Table 5, the portion of the section 303(d) still needing TMDLs would increase by at least 149 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 11. All other waters, not presented in Table 11, 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_lists2006.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
	Eureka Plain HU, Humboldt Bay	
		Dioxin Compounds
	Klamath River HU, Lower HA, Klamath Glen HSA	
		Sedimentation/Siltation
	Mendocino Coast HU, Albion River HA, Albion River	
		Temperature, water
	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
	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
	Islais Creek	
		Sediment Toxicity
	Lafayette Reservoir	
		Mercury
		Polychlorinated biphenyls
	Lake Chabot (Alameda Co)	
		Chlordane
		DDT
		Dieldrin
		Mercury
		Polychlorinated biphenyls
	Nicasio Reservoir	

Region	Water Segment	Pollutant
		Mercury
	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	
		Sediment Toxicity
	Pacific Ocean at Pillar Point	
		Mercury
	San Pablo Reservoir	
		Chlordane
		Dieldrin
		Heptachlor epoxide
		Polychlorinated biphenyls
		Toxaphene
	Shadow Cliffs Reservoir	
		Mercury
		Polychlorinated biphenyls
	Soulejule Reservoir	
		Mercury
		Polychlorinated biphenyls
	Stevens Creek	
		Toxicity
	Stevens Creek Reservoir	
		Chlordane
		Dieldrin
		Mercury
		Polychlorinated biphenyls
3		
	Arroyo Paredon	
		Boron
		Nitrate as Nitrate (NO3)
		Toxicity
	Bell Creek (Santa Barbara Co)	
		Nitrate as Nitrate (NO3)
	Bradley Canyon Creek	
		Ammonia (Unionized) - Toxin
		Nitrate as Nitrate (NO3)
	Bradley Channel	
		Nitrate as Nitrate (NO3)
	Canada De La Gaviota	
		Boron
	Carneros Creek	
		Ammonia (Unionized) - Toxin
	Casmalia Canyon Creek	
		Sedimentation/Siltation
	Chorro Creek	
		Oxygen, Dissolved
	Cuyama River	
		Boron
	Franklin Creek	
		Nitrate as Nitrate (NO3)
	Gabilan Creek	
		Nitrate as Nitrate (NO3)
	Glen Annie Canyon	
		Nitrate as Nitrate (NO3)
	Llagas Creek	

Region	Water Segment	Pollutant
		Nitrate as Nitrate (NO3)
	Main Street Canal	
		Ammonia (Unionized) - Toxin
	Moro Cojo Slough	
		Ammonia (Unionized) - Toxin
	Morro Bay	
		Oxygen, Dissolved
	Natividad Creek	
		Nitrate as Nitrate (NO3)
	Old Salinas River Estuary	
		Ammonia (Unionized) - Toxin
	Orcutt Creek	
		Ammonia (Unionized) - Toxin
		Chlorpyrifos
		DDT
		Dieldrin
	Oso Flaco Creek	
		Ammonia (Unionized) - Toxin
	Oso Flaco Lake	
		Dieldrin
	Pajaro River	
		Boron
	Prefumo Creek	
		Nitrate as Nitrate (NO3)
	Quail Creek	
		Nitrate as Nitrate (NO3)
	Rincon Creek	
		Boron
		Toxicity
	Salinas Reclamation Canal	
		Ammonia (Unionized) - Toxin
	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	
		Nitrate as Nitrate (NO3)
		Toxaphene
	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	
		Ammonia as Nitrogen
		Nitrogen, Nitrite
	San Diego Creek	
		Toxaphene
	San Luis Obispo Creek	
		Nitrate as Nitrate (NO3)
	San Luis Obispo Creek (Below W Marsh Street)	
		Nutrients
	San Vicente Creek	
		Sedimentation/Siltation
	Santa Maria River	
		Ammonia (Unionized) - Toxin
		Chlorpyrifos
		DDT
		Dieldrin

Region	Water Segment	Pollutant
		Endrin
	Santa Rita Creek (Monterey County)	
		Nitrate as Nitrate (NO3)
	Santa Ynez River (below city of Lompoc to Ocean)	
		Nitrate as Nitrate (NO3)
	Shuman Canyon Creek	
		Sedimentation/Siltation
	Soda Lake	
		Ammonia (Unionized) - Toxin
	Tembladero Slough	
		Ammonia (Unionized) - Toxin
4		
	Aliso Canyon Wash	
		Copper
		Fecal Coliform
	Ballona Creek	
		Cyanide
	Burbank Western Channel	
		Cyanide
	Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	
		Chlordane
		DDT
		Dieldrin
		Toxaphene
	Compton Creek	
		Trash
	Coyote Creek	
		Diazinon
		pH
	Dominguez Channel (lined portion above Vermont Ave)	
		Sediment Toxicity
	Dominguez Channel Estuary (unlined portion below Vermont Ave)	
		Benzo(a)pyrene (PAHs)
		Benzo[a]anthracene
		Chrysene (C1-C4)
		Phenanthrene
		Polychlorinated biphenyls
		Pyrene
	Echo Park Lake	
		Trash
	Lake Lindero	
		Selenium
	Lincoln Park Lake	
		Trash
	Los Angeles Harbor - Cabrillo Marina	
		DDT
		Polychlorinated biphenyls
	Los Angeles Harbor - Fish Harbor	
		Benzo[a]anthracene

Region	Water Segment	Pollutant
		Chlordane
		Chrysene (C1-C4)
		Copper
		Dibenz[a,h]anthracene
		Lead
		Mercury
		Phenanthrene
		Pyrene
		Sediment Toxicity
		Zinc
	Los Angeles Harbor - Inner Cabrillo Beach Area	
		Copper
	Los Angeles River Estuary (Queensway Bay)	
		Sediment Toxicity
		Trash
	Los Angeles River Reach 1 (Estuary to Carson Street)	
		Cyanide
		Diazinon
		Trash
	Los Angeles River Reach 2 (Carson to Figueroa Street)	
		Trash
	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	
		Trash
	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	
		Trash
	Los Angeles River Reach 5 (within Sepulveda Basin)	
		Trash
	Los Cerritos Channel	
		Bis(2ethylhexyl)phthalate
		Trash
	Malibu Creek	
		Selenium
		Sulfates
	Peck Road Park Lake	
		Trash
	Piru Creek (from gaging station below Santa Felicia Dam to headwaters)	
		Chloride
	Port Hueneme Pier	
		Polychlorinated biphenyls
	San Gabriel River Reach 1 (Estuary to Firestone)	
		pH
	San Pedro Bay Near/Off Shore Zones	
		Chlordane
	Santa Clara River Reach 1 (Estuary to Hwy 101 Bridge)	
		Toxicity

Region	Water Segment	Pollutant
	Santa Clara River Reach 11 (Piru Creek, from confluence with Santa Clara River Reach 4 to gaging station below Santa Felicia Dam)	
		Boron
		Sulfates
	Santa Clara River Reach 6 (W Pier Hwy 99 to Bouquet Cyn Rd) (was named Santa Clara River Reach 8 on 2002 303(d) lists)	
		Chlorpyrifos
		Diazinon
		Toxicity
	Sawpit Creek	
		Bis(2ethylhexyl)phthalate
		Fecal Coliform
	Ventura Marina Jetties	
		DDT
		Polychlorinated biphenyls
5		
	American River, South Fork (below Slab Creek Reservoir to Folsom Lake)	
		Mercury
	Bear River (Amador Co, Lower Bear River Reservoir to Mokelumne River, N Fork)	
		Copper
	Carson Creek (from WWTP to Deer Creek)	
		Aluminum
		Manganese
	Cosumnes River	
		Exotic Species
	Deer Creek (Sacramento County)	
		Iron
	Del Puerto Creek	
		Pyrethroids
	Delta Waterways (Stockton Ship Channel)	
		Exotic Species
	Delta Waterways (central portion)	
		Exotic Species
	Delta Waterways (eastern portion)	
		Exotic Species
	Delta Waterways (export area)	
		Exotic Species
	Delta Waterways (northern portion)	
		DDT
		Exotic Species
		Mercury
		Polychlorinated biphenyls
	Delta Waterways (northwestern portion)	
		Exotic Species
	Delta Waterways (southern portion)	
		DDT
		Exotic Species
	Delta Waterways (western portion)	
		Exotic Species
	Feather River, Lower (Lake Oroville Dam to	

Region	Water Segment	Pollutant
	Confluence with Sacramento River)	Chlorpyrifos
	Feather River, North Fork (below Lake Almanor)	Mercury Temperature, water
	Grayson Drain (at outfall)	Sediment Toxicity
	Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)	Pyrethroids
	Ingram Creek (from confluence with San Joaquin River to confluence with Hospital Creek)	Pyrethroids
	Kaweah Lake	Mercury
	Main Drainage Canal	Diazinon
	Merced River, Lower (McSwain Reservoir to San Joaquin River)	Mercury
	Morrison Creek	Chlorpyrifos
	Natoma, Lake	Mercury
	Orestimba Creek (below Kilburn Road)	Sediment Toxicity
	Panoche Creek (Silver Creek to Belmont Avenue)	Selenium
	Sacramento River (Red Bluff to Knights Landing)	Mercury
	San Joaquin River (Friant Dam to Mendota Pool)	Exotic Species
	San Joaquin River (Stanislaus River to Delta Boundary)	Toxaphene
	Wadsworth Canal	Diazinon
	Willow Creek (Madera County)	Temperature, water
6		
	Bodie Creek	Mercury
	Crowley Lake	Ammonia Oxygen, Dissolved
	Mammoth Creek	Mercury
	Susan River	Mercury

Region	Water Segment	Pollutant
7		
	Alamo River	
		Chlorpyrifos
		DDT
		Dieldrin
		Polychlorinated biphenyls
		Toxaphene
	Coachella Valley Storm Water Channel	
		Toxaphene
	Colorado River (Imperial Reservoir to California-Mexico Border)	
		Selenium
	Imperial Valley Drains	
		DDT
		Dieldrin
		Endosulfan
		Polychlorinated biphenyls
		Toxaphene
	New River (Imperial)	
		Chlordane
		Chlorpyrifos
		DDT
		Diazinon
		Dieldrin
		Mercury
		Polychlorinated biphenyls
		Selenium
		Toxaphene
		Toxicity
	Palo Verde Outfall Drain	
		DDT
8		
	Anaheim Bay	
		Sediment Toxicity
	Balboa Beach	
		DDT
		Dieldrin
		Polychlorinated biphenyls
	Big Bear Lake	
		Polychlorinated biphenyls
	Elsinore, Lake	
		Polychlorinated biphenyls
	Huntington Beach State Park	
		Polychlorinated biphenyls
	Huntington Harbour	
		Chlordane
		Lead
		Sediment Toxicity
	Newport Bay, Lower	
		Chlordane
		Copper
		DDT
		Polychlorinated biphenyls
		Sediment Toxicity

Region	Water Segment	Pollutant
	Newport Bay, Upper (Ecological Reserve)	
		Chlordane
		Copper
		DDT
		Polychlorinated biphenyls
		Sediment Toxicity
	Peters Canyon Channel	
		DDT
		Toxaphene
	Rhine Channel	
		Copper
		Lead
		Mercury
		Polychlorinated biphenyls
		Sediment Toxicity
		Zinc
	San Diego Creek Reach 1	
		Selenium
		Toxaphene
	Seal Beach	
		Polychlorinated biphenyls
9		
	Agua Hedionda Creek	
		Manganese
		Selenium
		Sulfates
	Barrett Lake	
		Color
		Manganese
		pH (high)
	Buena Creek	
		DDT
		Nitrate and Nitrite
		Phosphate
	Buena Vista Creek	
		Sediment Toxicity
	Cottonwood Creek (San Marcos Creek watershed)	
		DDT
		Phosphorus
		Sediment Toxicity
	De Luz Creek	
		Iron
		Manganese
	El Capitan Lake	
		Color
		Manganese
		pH (high)
	Encinitas Creek	
		Phosphorus
	English Canyon	
		Benzo[b]fluoranthene
		Dieldrin
		Sediment Toxicity

Region	Water Segment	Pollutant
	Escondido Creek	
		DDT
		Manganese
		Phosphate
		Selenium
		Sulfates
		Total Dissolved Solids
	Felicita Creek	
		Aluminum
	Forester Creek	
		Phosphorus
	Green Valley Creek	
		Chloride
		Manganese
		Pentachlorophenol (PCP)
	Hodges, Lake	
		Manganese
		Turbidity
		pH (high)
	Kit Carson Creek	
		Pentachlorophenol (PCP)
	Laguna Canyon Channel	
		Sediment Toxicity
	Long Canyon Creek	
		Total Dissolved Solids
	Los Penasquitos Creek	
		Phosphate
		Total Dissolved Solids
	Loveland Reservoir	
		Aluminum
		Manganese
		Oxygen, Dissolved
	Morena Reservoir	
		Color
		Manganese
		pH (high)
	Murray Reservoir	
		pH
	Murrieta Creek	
		Iron
		Manganese
		Nitrogen
	Oso Creek (at Mission Viejo Golf Course)	
		Chloride
		Sulfates
		Total Dissolved Solids
	Otay Reservoir, Lower	
		Color
		Iron
		Manganese
		Nitrogen, ammonia (Total Ammonia)
		pH (high)
	Pacific Ocean Shoreline, Imperial Beach Pier	
		Polychlorinated biphenyls

Region	Water Segment	Pollutant
	Pine Valley Creek (Upper)	
		Phosphorus
		Turbidity
	Pogi Canyon Creek	
		DDT
	Rainbow Creek	
		Iron
		Sulfates
		Total Dissolved Solids
	Reidy Canyon Creek	
		Phosphorus
	San Diego Bay	
		Polychlorinated biphenyls
	San Diego Bay Shoreline, Chula Vista Marina	
		Copper
	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
	San Juan Creek	
		DDE
	San Marcos Creek	
		DDE
		Phosphorus
		Sediment Toxicity
	San Marcos Lake	
		Ammonia as Nitrogen
		Nutrients
		Phosphorus
	San Vicente Reservoir	
		Chloride
		Color
		Manganese
		Sulfates
		pH (high)
	Sandia Creek	
		Iron
		Manganese
		Nitrogen
		Sulfates
	Soledad Canyon	
		Sediment Toxicity
	Sutherland Reservoir	

Region	Water Segment	Pollutant
		Manganese
		pH (high)
	Sweetwater Reservoir	
		Oxygen, Dissolved
	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.

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

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

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

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

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

Region	Water Segment	Pollutant
		Toxicity
	Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)	
		Ammonia
		Chlordane
		DDT
	Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	
		Ammonia
		ChemA
		DDT
		Endosulfan
		Toxaphene
		Toxicity
	Carbon Beach	
		Indicator Bacteria
	Castlerock Beach	
		Indicator Bacteria
	Compton Creek	
		Copper
		Lead
		pH
	Coyote Creek	
		Ammonia
	Dan Blocker Memorial (Coral) Beach	
		Coliform Bacteria
	Dockweiler Beach	
		Indicator Bacteria
	Dry Canyon Creek	
		Selenium
	Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	
		ChemA
		Chlordane
		DDT
		Nitrogen
		Sediment Toxicity
		Toxaphene
		Toxicity
	Escondido Beach	
		Indicator Bacteria
	Flat Rock Point Beach Area	
		Indicator Bacteria
	Fox Barranca (tributary to Calleguas Creek Reach 6)	
		Nitrate and Nitrite
	Hermosa Beach	
		Indicator Bacteria
	Inspiration Point Beach	
		Indicator Bacteria
	La Costa Beach	
		Indicator Bacteria

Region	Water Segment	Pollutant
	Las Flores Beach	
		Coliform Bacteria
	Las Tunas Beach	
		Indicator Bacteria
	Las Virgenes Creek	
		Coliform Bacteria
	Leo Carillo Beach (South of County Line)	
		Coliform Bacteria
	Lindero Creek Reach 1	
		Coliform Bacteria
	Lindero Creek Reach 2 (Above Lake)	
		Coliform Bacteria
	Long Point Beach	
		Coliform Bacteria
	Los Angeles Harbor - Inner Cabrillo Beach Area	
		Indicator Bacteria
	Los Angeles River Reach 1 (Estuary to Carson Street)	
		Ammonia Copper Lead Nutrients (Algae) Zinc pH
	Los Angeles River Reach 2 (Carson to Figueroa Street)	
		Ammonia Lead Nutrients (Algae)
	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	
		Ammonia Nutrients (Algae)
	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	
		Ammonia Lead Nutrients
	Los Angeles River Reach 5 (within Sepulveda Basin)	
		Ammonia Nutrients (Algae)
	Lunada Bay Beach	
		Indicator Bacteria
	Malaga Cove Beach	
		Indicator Bacteria
	Malibu Beach	
		Indicator Bacteria
	Malibu Creek	
		Coliform Bacteria
	Malibu Lagoon	
		Coliform Bacteria
	Malibu Lagoon Beach (Surfrider)	

Region	Water Segment	Pollutant
		Coliform Bacteria
	Manhattan Beach	
		Indicator Bacteria
	Marina del Rey Harbor - Back Basins	
		Chlordane
		Copper
		DDT
		Dieldrin
		Fish Consumption Advisory
		Indicator Bacteria
		Lead
		Polychlorinated biphenyls
		Sediment Toxicity
		Zinc
	Marina del Rey Harbor Beach	
		Indicator Bacteria
	McCoy Canyon Creek	
		Selenium
	McGrath Beach	
		Coliform Bacteria
	Medea Creek Reach 1 (Lake to Confl. with Lindero)	
		Coliform Bacteria
	Medea Creek Reach 2 (Abv Confl. with Lindero)	
		Coliform Bacteria
	Monrovia Canyon Creek	
		Lead
	Nicholas Canyon Beach	
		Indicator Bacteria
	Palo Comado Creek	
		Coliform Bacteria
	Palo Verde Shoreline Park Beach	
		Pathogens
	Paradise Cove Beach	
		Fecal Coliform
	Point Dume Beach	
		Indicator Bacteria
	Point Fermin Park Beach	
		Total Coliform
	Point Vicente Beach	
		Indicator Bacteria
	Portuguese Bend Beach	
		Indicator Bacteria
	Promenade Park Beach	
		Indicator Bacteria
	Puerco Beach	
		Indicator Bacteria
	Redondo Beach	
		Coliform Bacteria
	Resort Point Beach	
		Indicator Bacteria
	Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	

Region	Water Segment	Pollutant
		Copper
		Lead
		Zinc
		pH
	Royal Palms Beach	
		Indicator Bacteria
	San Gabriel River, East Fork	
		Trash
	San Jose Creek Reach 1 (SG Confluence to Temple St.)	
		Ammonia
	Santa Clara River Reach 3 (Freeman Diversion to A Street)	
		Ammonia
		Chloride
	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)	
		Chloride
	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)	
		Chloride
	Santa Monica Beach	
		Indicator Bacteria
	Santa Monica Canyon	
		Indicator Bacteria
	Sea Level Beach	
		Indicator Bacteria
	Stokes Creek	
		Coliform Bacteria
	Surfers Point at Seaside	
		Indicator Bacteria
	Topanga Beach	
		Coliform Bacteria
	Torrance Beach	
		Coliform Bacteria
	Torrey Canyon Creek	
		Nitrate and Nitrite
	Trancas Beach (Broad Beach)	
		Fecal Coliform
	Tujunga Wash (LA River to Hansen Dam)	
		Ammonia
		Copper
	Venice Beach	
		Indicator Bacteria
	Wheeler Canyon/Todd Barranca	
		Nitrate and Nitrite
	Whites Point Beach	
		Indicator Bacteria
	Will Rogers Beach	
		Indicator Bacteria
	Zuma Beach (Westward Beach)	

Region	Water Segment	Pollutant
		Indicator Bacteria
5		
	Arcade Creek	
		Chlorpyrifos
		Diazinon
	Bear Creek	
		Mercury
	Cache Creek, Lower (Clear Lake Dam to Cache Creek Settling Basin near Yolo Bypass)	
		Mercury
	Chicken Ranch Slough	
		Chlorpyrifos
		Diazinon
	Clear Lake	
		Mercury
	Delta Waterways (Stockton Ship Channel)	
		Oxygen, Dissolved
	Elder Creek	
		Chlorpyrifos
		Diazinon
	Elk Grove Creek	
		Diazinon
	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	
		Diazinon
	Grasslands Marshes	
		Selenium
	Harley Gulch	
		Mercury
	Mendota Pool	
		Selenium
	Morrison Creek	
		Diazinon
	Mud Slough	
		Selenium
	Sacramento River (Keswick Dam to Cottonwood Creek)	
		Cadmium
		Copper
		Zinc
	Sacramento River (Knights Landing to the Delta)	
		Diazinon
	San Joaquin River (Bear Creek to Mud Slough)	
		Chlorpyrifos
		Diazinon
	San Joaquin River (Mendota Pool to Bear Creek)	
		Chlorpyrifos
		Diazinon
	San Joaquin River (Merced River to Tuolumne River)	
		Chlorpyrifos
		Diazinon

Region	Water Segment	Pollutant
		Selenium
	San Joaquin River (Mud Slough to Merced River)	
		Chlorpyrifos
		Diazinon
	San Joaquin River (Stanislaus River to Delta Boundary)	
		Chlorpyrifos
		Diazinon
		Selenium
	San Joaquin River (Tuolumne River to Stanislaus River)	
		Chlorpyrifos
		Diazinon
		Selenium
	Smith Canal	
		Organophosphorus Pesticides
	Strong Ranch Slough	
		Chlorpyrifos
		Diazinon
6		
	Aspen Creek	
		Metals
	Bryant Creek	
		Metals
	Heavenly Valley Creek (source to USFS boundary)	
		Sedimentation/Siltation
	Indian Creek Reservoir	
		Phosphorus
	Leviathan Creek	
		Metals
	Mono Lake	
		Salinity/TDS/Chlorides
	Searles Lake	
		Petroleum Products
		Salinity/TDS/Chlorides
7		
	Alamo River	
		Sedimentation/Siltation
		Selenium
	Imperial Valley Drains	
		Sedimentation/Siltation
	New River (Imperial)	
		Pathogens
		Sediment
8		
	Canyon Lake (Railroad Canyon Reservoir)	
		Nutrients
	Chino Creek Reach 1	
		Pathogens
	Chino Creek Reach 2	
		Coliform Bacteria
	Cucamonga Creek, Valley Reach	

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

TABLE 9: DELETIONS FROM THE SECTION 303(D) LIST.

Region	Water Segment	Pollutant
1		
	Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	
		Nutrients
		Temperature, water
	Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	
		Temperature, water
	Klamath River HU, Salmon River HA	
		Nutrients
	Russian River HU, Lower Russian River HA, Guerneville HSA	
		Turbidity
2		
	Carquinez Strait	
		Diazinon
	Central Basin, San Francisco (part of SF Bay, Central)	
		Diazinon
	Islais Creek	
		Endosulfan sulfate
		Polychlorinated biphenyls
	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
		Tributylin TBT (Tributylstanne)
		ppDDE
	Sacramento San Joaquin Delta	
		Diazinon
	San Francisco Bay, Central	
		Diazinon
	San Francisco Bay, Lower	
		Diazinon
		Nickel
	San Francisco Bay, South	
		Diazinon
	San Leandro Bay (part of SF Bay, Central)	
		DDT
		Diazinon
		Selenium
	San Pablo Bay	

Region	Water Segment	Pollutant
		Diazinon
	Suisun Bay	
		Diazinon
3		
	Blosser Channel	
		Fecal Coliform
	Carpinteria Marsh (El Estero Marsh)	
		Sedimentation/Siltation
	Chumash Creek	
		Oxygen, Dissolved
	Espinosa Slough	
		Nutrients
	Goleta Slough/Estuary	
		Metals Sedimentation/Siltation
	Monterey Bay South (Coastline)	
		Metals Pesticides
	Morro Bay	
		Metals
	Salinas Reclamation Canal	
		Nitrogen, Nitrate
	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	
		Sedimentation/Siltation
	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)	
		Nutrients Pesticides Salinity/TDS/Chlorides
	San Antonio Creek (South Coast Watershed)	
		Sedimentation/Siltation
	San Luis Obispo Creek (Below W Marsh Street)	
		Priority Organics
	Waddell Creek, East Branch	
		Nutrients
	Watsonville Slough	
		Sedimentation/Siltation
4		
	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
	Ashland Avenue Drain	
		Coliform Bacteria Organic Enrichment/Low Dissolved Oxygen

Region	Water Segment	Pollutant
		Toxicity
	Ballona Creek	
		ChemA
		Chlordane
		DDT
		Dieldrin
		Lead
		PCBs (dioxin-like)
		Sediment Toxicity
		Selenium
		Zinc
		pH
	Bluff Cove Beach	
		Beach Closures
	Burbank Western Channel	
		Ammonia
		Cadmium
		Excess Algal Growth
		Scum/Foam-unnatural
		Taste and odor
	Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	
		Zinc
	Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	
		Excess Algal Growth
		Nitrogen, Nitrite
	Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 10 (Conejo Creek (Hill Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	
		Excess Algal Growth
	Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	
		Excess Algal Growth
	Carbon Beach	
		Beach Closures
	Coyote Creek	
		Abnormal Fish Histology (Lesions)

Region	Water Segment	Pollutant
		Excess Algal Growth
		Lead
		Nitrogen, Nitrite
		Selenium
		Zinc
	Dockweiler Beach	
		Beach Closures
	Dominguez Channel (lined portion above Vermont Ave)	
		Aldrin
		ChemA
		Chlordane
		Chromium (total)
		DDT
		Polychlorinated biphenyls (PCBs)
		Polycyclic Aromatic Hydrocarbons (PAHs)
	Dominguez Channel Estuary (unlined portion below Vermont Ave)	
		Aldrin
		ChemA
		Chromium (total)
		Polycyclic Aromatic Hydrocarbons (PAHs)
	Escondido Beach	
		Beach Closures
	Flat Rock Point Beach Area	
		Beach Closures
	Inspiration Point Beach	
		Beach Closures
	La Costa Beach	
		Beach Closures
	Las Tunas Beach	
		Beach Closures
	Los Angeles Harbor - Consolidated Slip	
		Nickel
		Polycyclic Aromatic Hydrocarbons (PAHs)
	Los Angeles Harbor - Inner Cabrillo Beach Area	
		Beach Closures
	Los Angeles River Reach 1 (Estuary to Carson Street)	
		Aluminum
		Cadmium
		Scum/Foam-unnatural
	Los Angeles River Reach 2 (Carson to Figueroa Street)	
		Scum/Foam-unnatural
		Taste and odor
	Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	
		Scum/Foam-unnatural
		Taste and odor
	Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	
		Scum/Foam-unnatural

Region	Water Segment	Pollutant
		Taste and odor
	Los Angeles River Reach 5 (within Sepulveda Basin)	
		Scum/Foam-unnatural
		Taste and odor
	Los Angeles/Long Beach Inner Harbor	
		Copper
		Polycyclic Aromatic Hydrocarbons (PAHs)
		Zinc
	Los Angeles/Long Beach Outer Harbor (inside breakwater)	
		Polycyclic Aromatic Hydrocarbons (PAHs)
	Lunada Bay Beach	
		Beach Closures
	Malibu Lagoon Beach (Surfrider)	
		Beach Closures
	Ormond Beach	
		Indicator Bacteria
	Pico Kenter Drain	
		Ammonia
		Coliform Bacteria
		Copper
		Lead
		Polycyclic Aromatic Hydrocarbons (PAHs)
		Toxicity
		Trash
		Viruses (enteric)
	Point Dume Beach	
		Beach Closures
	Point Vicente Beach	
		Beach Closures
	Resort Point Beach	
		Beach Closures
	Rocky Point Beach	
		Beach Closures
	San Buenaventura Beach	
		Indicator Bacteria
	San Gabriel River Estuary	
		Abnormal Fish Histology (Lesions)
	San Gabriel River Reach 1 (Estuary to Firestone)	
		Abnormal Fish Histology (Lesions)
		Excess Algal Growth
		Toxicity
	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam	
		Copper
		Zinc
	San Gabriel River Reach 3 (Whittier Narrows to Ramona)	
		Toxicity
	San Jose Creek Reach 1 (SG Confluence to Temple St.)	
		Excess Algal Growth

Region	Water Segment	Pollutant
	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)	
		Nitrate and Nitrite
	Santa Monica Bay Offshore/Nearshore	
		Chlordane
		Polycyclic Aromatic Hydrocarbons (PAHs)
	Sea Level Beach	
		Beach Closures
	Topanga Beach	
		Beach Closures
	Torrance Beach	
		Beach Closures
	Trancas Beach (Broad Beach)	
		Beach Closures
	Tujunga Wash (LA River to Hansen Dam)	
		Scum/Foam-unnatural
		Taste and odor
	Ventura River Estuary	
		Fecal Coliform
	Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	
		Excess Algal Growth
	Verdugo Wash Reach 2 (Above Verdugo Road)	
		Excess Algal Growth
	Zuma Beach (Westward Beach)	
		Beach Closures
5		
	Harding Drain (Turlock Irrigation District Lateral #5)	
		Ammonia
		Diazinon
	Sacramento Slough	
		Diazinon
	Sutter Bypass	
		Diazinon
6		
	Aurora Canyon Creek	
		Habitat alterations
	Bear Creek (Placer County)	
		Sedimentation/Siltation
	Bodie Creek	
		Metals
	Cinder Cone Springs	
		Nitrate as Nitrate (NO3)
		Salinity/TDS/Chlorides
	Clark Canyon Creek	
		Habitat alterations
	Cottonwood Creek (below LADWP diversion)	

Region	Water Segment	Pollutant
	Crowley Lake	Flow alterations
		Nitrogen
		Phosphorus
	Goodale Creek	Sedimentation/Siltation
	Green Creek	Habitat alterations
	Green Valley Lake Creek	Priority Organics
	Honey Lake Wildfowl Management Ponds	Flow alterations
	Horseshoe Lake (San Bernardino County)	Sedimentation/Siltation
	Indian Creek (Alpine County)	Habitat alterations
	Lassen Creek	Flow alterations
	Lee Vining Creek	Flow alterations
	Mill Creek (Modoc County)	Sedimentation/Siltation
	Mill Creek (Mono County)	Flow alterations
	Owens River (Long HA)	Habitat alterations
	Owens River (Lower)	Habitat alterations
	Owens River (Upper)	Habitat alterations
	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		
	Palo Verde Outfall Drain	Pathogens
8		
	Anaheim Bay	Copper
	Elsinore, Lake	Sedimentation/Siltation
	Huntington Harbour	Dieldrin

Region	Water Segment	Pollutant
9	Newport Bay, Lower	Metals Priority Organics
	Chollas Creek	Cadmium
	Hodges, Lake	Total Dissolved Solids
	Mission Bay Shoreline	Indicator Bacteria
	Pacific Ocean Shoreline, Miramar Reservoir HA	Indicator Bacteria
	San Diego Bay Shoreline, Chula Vista Marina	Indicator Bacteria
	San Diego Bay Shoreline, Tidelands Park	Indicator Bacteria

TABLE 10: 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)
	Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)

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

TABLE 11: 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	2006
			Temperature	2006
		Klamath River, Klamath River HU, Middle HA, Iron Gate Dam to Scott River	Nutrients	2006
			Organic Enrichment/Low Dissolved Oxygen	2006
			Temperature	2006
		Klamath River, Klamath River HU, Middle HA, Oregon to Iron Gate	Nutrients	2006
			Organic Enrichment/Low Dissolved Oxygen	2006
			Temperature	2006
		Klamath River, Klamath River HU, Middle HA, Scott River to Trinity River	Nutrients	2006
			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
			Temperature	2008
	Lower Lost River	Klamath River, Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	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	2006
			Temperature	2006
	Ten Mile Sediment	Ten Mile River, Mendocino Coast HU, Rockport HA, Ten Mile River HSA	Sedimentation/Siltation	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	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
		Suisun Bay	Chlordane	2008
			DDT	2008
			Dieldrin	2008
	San Francisco Bay Mercury	Carquinez Strait	Mercury	2006
		Castro Cove, Richmond (San Pablo Basin)	Mercury (sediment)	2006
		Central Basin, San Francisco (part of SF Bay, 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 Leandro Bay (part of SF Bay, Central)	Mercury	2006
			Mercury (sediment)	2006
		San Pablo Bay	Mercury	2006
		Suisun Bay	Mercury	2006
	San Francisco Bay PCBs	Carquinez Strait	PCBs	2006
		Central Basin, San Francisco (part of SF Bay, Central)	PCBs	2006
		Islais Creek	PCBs (sediment)	2006
		Mission Creek	PCBs (sediment)	2006
		Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	PCBs	2006
			PCBs (sediment)	2006
		Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)	PCBs	2006
			PCBs (sediment)	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Richardson Bay	PCBs	2006
		Sacramento San Joaquin Delta	PCBs	2006
		San Francisco Bay, Central	PCBs	2006
		San Francisco Bay, Lower	PCBs	2006
		San Francisco Bay, South	PCBs	2006
		San Pablo Bay	PCBs	2006
		Suisun Bay	PCBs	2006
	San Francisco Bay Urban Creeks Diazinon	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	2008
	Sonoma Creek Nutrients	Sonoma Creek	Nutrients	2008
	Sonoma Creek Pathogens	Sonoma Creek	Pathogens	2006
	Sonoma Creek Sediment	Sonoma Creek	Sedimentation/Siltation	2008
	Tomales Bay Mercury	Tomales Bay	Mercury	2009
	Tomales Bay Pathogens	Lagunitas Creek	Pathogens	2005
		Tomales Bay	Pathogens	2005
	Tomales Bay Sediment	Tomales Bay	Sedimentation/Siltation	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
		Valencia Creek	Sedimentation/Siltation	2008
	Carbonera Creek - Pathogen - Santa Cruz Co.	Carbonera Creek	Pathogens	2006
	Chorro Creek Nutrients	Chorro Creek	Nutrients	2005
	Clear Creek -Hernandez Reservoir - Mercury	Clear Creek (San Benito County)	Mercury	2004
		Hernandez Reservoir	Mercury	2004
	Corralitos Creek Pathogens	Corralitos Creek	Fecal Coliform	2006
	Dairy Creek Dissolved Oxygen	Dairy Creek	Low Dissolved Oxygen	2015
	Elkhorn Slough Pathogens TMDL	Elkhorn Slough	Pathogens	2015
	Elkhorn Slough Sediment TMDL	Elkhorn Slough	Sediment	2015
	Los Osos Creek Dissolved Oxygen	Los Osos Creek	Low Dissolved Oxygen	2015
	Los Osos Creek Nutrients	Los Osos Creek	Nutrients	2015
	Monterey Harbor -Lead	Monterey Harbor	Metals	2007
	Morro Bay Pathogens TMDL	Chorro Creek	Fecal Coliform	2002

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		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
	Pajaro River Fecal Coliform TMDL	Llagas Creek	Fecal Coliform	2011
		Tesquisquita Creek (Make this bold and italicize. Do not underline)	Fecal Coliform (Make this bold and italicize. Do not underline.)	2011
		Pajaro River	Fecal Coliform	2011
		San Benito River	Fecal Coliform	2011
	Pajaro River Nutrients (including Llagas Creek)	Llagas Creek	Nutrients	2005
		Pajaro River	Nutrients	2005
	Pajaro River Siltation/Sedimentation (including San Benito R., Llagas Cr., Rider Gulch Cr.)	Llagas Creek	Sedimentation/Siltation	2005
		Pajaro River	Sedimentation/Siltation	2005
		Rider Gulch Creek	Sedimentation/Siltation	2005
		San Benito River	Sedimentation/Siltation	2005
	Salinas River - Fecal Coliform	Alisal Creek (Salinas)	Fecal Coliform	2007
		Atascadero Creek (San Luis Obispo County)	Fecal Coliform	2019
		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	2019
		Tembladero Slough	Fecal Coliform	2007

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Salinas River Nutrient TMDL	Alisal Creek (Salinas)	Nitrate	2007
		Old Salinas River Estuary	Nutrients	2007
		Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Nutrients	2007
		Salinas River Lagoon (North)	Nutrients	2007
		Tembladero Slough	Nutrients	2006
	Salinas River, Salinas River Delta and Elkhorn Slough Pesticides	Blanco Drain	Pesticides	2008
		Elkhorn Slough	Pesticides	2008
		Espinosa Slough	Pesticides	2008
			Priority Organics	2008
		Moro Cojo Slough	Pesticides	2006
		Moss Landing Harbor	Pesticides	2006
		Old Salinas River Estuary	Pesticides	2008
		Salinas Reclamation Canal	Pesticides	2008
			Priority Organics	2008
		Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	Pesticides	2008
		Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	Pesticides	2008
		Salinas River Lagoon (North)	Pesticides	2008
		Tembladero Slough	Pesticides	2008
	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 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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		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
		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
	Watsonville Slough-Pesticides	Watsonville Slough	Pesticides	2007
	Watsonville Sloughs	Watsonville Slough	Pathogens	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Pathogen			
4	Ballona Creek Coliform (49)	Ballona Creek	Enteric Viruses	2006
			High Coliform Count	2006
		Ballona Creek Estuary	High Coliform Count	2006
			Shellfish Harvesting Advisory	2006
	Ballona Creek Metals (AU #57)	Ballona Creek	Cadmium (sediment)	2005
			Copper, Dissolved	2005
			Lead, Dissolved	2005
			Selenium, Total	2005
			Silver (sediment)	2005
			Toxicity	2005
			Zinc, Dissolved	2005
		Ballona Creek Estuary	Lead (sediment)	2005
			Zinc (sediment)	2005
	Ballona Creek Toxics	Ballona Creek Estuary	Chlordane (tissue & sediment)	2005
			DDT (sediment)	2005
			PAHs (sediment)	2005
			PCBs (tissue & sediment)	2005
			Sediment Toxicity	2005
	Calleguas Creek Chloride (3)	Calleguas Creek Reach 3 (Potrero Road upstream to 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	Chloride	2002

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Reach 3 on 1998 303d list)		
	Calleguas Creek Coliform (98)	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 6 (was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	Fecal Coliform	2006
		Calleguas Creek Reach 10 (Conejo Creek (Hill 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	ChemA (tissue)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)		
			Chlordane (tissue)	2005
			DDT	2005
			Endosulfan (tissue)	2005
			Sediment Toxicity	2005
			Sedimentation/Siltation	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	Sedimentation/Siltation	2005
		Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	ChemA (tissue)	2005
			Chlordane (tissue & sediment)	2005
			DDT (tissue & sediment)	2005
			Dieldrin (tissue)	2005
			Endosulfan (tissue & sediment)	2005
			Sedimentation/Siltation	2005
			Toxaphene (tissue & sediment)	2005
		Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	ChemA (tissue)	2005
			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	DDT (sediment)	2005

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

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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	Ammonia	2002
			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	Algae	2002

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Canyon)-was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)		
			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	PCBs (tissue)	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		list)		
		Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	PCBs (tissue)	2005
	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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Dominguez Channel (above Vermont)	High Coliform Count	2007
		Torrance Carson Channel	High Coliform Count	2007
		Wilmington Drain	High Coliform Count	2007
	Los Angeles Harbor Beaches - Beach Closures	Cabrillo Beach (Inner) LA Harbor Area	Beach Closures (Coliform)	2004
		Los Angeles Harbor Main Channel	Beach Closures	2004
	Los Angeles River 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
		Los Angeles River Reach 2 (Carson to Figueroa Street)	Lead	2005
		Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	Lead	2005
		McCoy Canyon Creek	Selenium, Total	2005
		Monrovia Canyon Creek	Lead	2005
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Copper	2005
			Lead	2005
			Zinc	2005
		Tujunga Wash (LA River to Hansen Dam)	Copper	2005
	Los Angeles River Nitrogen	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Algae	2003
		Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Algae	2003
		Burbank Western Channel	Algae	2003
			Ammonia	2003

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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Ave.)		
		Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	High Coliform Count	2009
		Bell Creek	High Coliform Count	2009
		Compton Creek	High Coliform Count	2009
		Dry Canyon Creek	Fecal Coliform	2009
		Los Angeles River Reach 1 (Estuary to Carson Street)	High Coliform Count	2009
		Los Angeles River Reach 2 (Carson to Figueroa Street)	High Coliform Count	2009
		Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	High Coliform Count	2009
		Los Angeles River Reach 6 (Above Sepulveda Flood Control Basin)	High Coliform Count	2009
		McCoy Canyon Creek	Fecal Coliform	2009
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	High Coliform Count	2009
		Rio Hondo Reach 2 (At Spreading Grounds)	High Coliform Count	2009
		Tujunga Wash (LA River to Hansen Dam)	High Coliform Count	2009
		Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	High Coliform Count	2009
		Verdugo Wash Reach 2 (Above Verdugo Road)	High Coliform Count	2009
	Los Angeles River Trash (12)	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Trash	2007
		Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Trash	2007
		Burbank Western Channel	Trash	2007
		Echo Park Lake	Trash	2007
		Lincoln Park Lake	Trash	2007
		Los Angeles River Estuary (Queensway Bay)	Trash	2007
		Los Angeles River Reach 1 (Estuary to Carson Street)	Trash	2007

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Los Angeles River Reach 2 (Carson to Figueroa Street)	Trash	2007
		Los Angeles River Reach 3 (Figueroa St. to Riverside Dr.)	Trash	2007
		Los Angeles River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	Trash	2007
		Los Angeles River Reach 5 (within Sepulveda Basin)	Trash	2007
		Peck Road Lake	Trash	2007
		Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Trash	2007
		Tujunga Wash (LA River to Hansen Dam)	Trash	2007
		Verdugo Wash Reach 1 (LA River to Verdugo Rd.)	Trash	2007
		Verdugo Wash Reach 2 (Above Verdugo Road)	Trash	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 Enrichment/Low Dissolved Oxygen	2006
		Las Virgenes Creek	Nutrients (Algae)	2006
			Organic Enrichment/Low Dissolved Oxygen	2006
			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 Enrichment/Low	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Dissolved Oxygen	
		Malibu Creek	Nutrients (Algae)	2006
			Scum/Foam-unnatural	2006
		Malibu Lagoon	Eutrophic	2006
			pH	2006
		Medea Creek Reach 1 (Lake to Confl. with Lindero)	Algae	2006
		Medea Creek Reach 2 (Abv Confl. with Lindero)	Algae	2006
		Westlake Lake	Algae	2006
			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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Lead (sediment)	2005
			Zinc (sediment)	2005
	Marina del Rey Pathogens	Marina del Rey Harbor - Back Basins	High Coliform Count	2003
		Marina del Rey Harbor Beach	Beach Closures	2003
			High Coliform Count	2003
	McGrath Beach Coliform	McGrath Beach	High Coliform Count	2003
	San Gabriel River Metals (39)	Coyote Creek	Copper, Dissolved	2006
			Lead, Dissolved	2006
			Selenium, Total	2006
			Zinc, Dissolved	2006
		San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam	Copper, Dissolved	2006
			Lead	2006
			Zinc, Dissolved	2006
	San Gabriel River Nutrients	Coyote Creek	Algae	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

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

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

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

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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		and Empire Weirs)		
			Molybdenum	2015
			Toxaphene	2015
	Marsh Creek Watershed Mercury TMDL Project	Dunn Creek (Mt Diablo Mine to Marsh Creek)	Mercury	2013
		Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	Mercury	2013
		Marsh Creek Reservoir	Mercury	2013
	Natomas East Main Drain PCBs	Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	PCBs	2020
		Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	PCBs	2020
	Panoche Creek Sediment and Selenium	Panoche Creek (Silver Creek to Belmont Avenue)	Sedimentation/Siltation	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	2013
			Temperature	2013
	Putah Creek Watershed Mercury TMDL	Berryessa, Lake	Mercury	2015
		James Creek	Mercury	2015
		Putah Creek, Lower	Mercury	2015
	Sacramento River Mercury TMDL Project	Sacramento River (Knights Landing to the Delta)	Mercury	2010
				2008
	Sacramento Slough Mercury TMDL Project	Sacramento Slough	Mercury	2020
	Sacramento and San Joaquin Pesticides Basin Plan Amendment and	Bear River, Lower (below Camp Far West Reservoir)	Diazinon	2008

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	TMDLs			
		Butte Slough	Diazinon	2008
		Colusa Basin Drain	Azinphos-methyl	2008
			Carbofuran/Furadan	2008
			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	Diazinon	2008

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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
				2004
	San Joaquin River Tributaries Salinity and Boron	Grasslands Marshes	Electrical Conductivity	2008
		Mud Slough	Boron	2008
			Electrical Conductivity	2008
		Salt Slough (upstream from confluence with San Joaquin River)	Boron	2008
			Electrical Conductivity	2008
	Stockton Area Sloughs and Rivers	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

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Stockton Deep Water Channel, Upper (Port Turning Basin)	Pathogens	2008
		Walker Slough	Pathogens	2008
	Yuba River Watershed Mercury TMDL Project	Englebright Lake	Mercury	2012
		Humbug Creek	Mercury	2012
			Sedimentation/Siltation	2012
		Little Deer Creek	Mercury	2012
		Rollins Reservoir	Mercury	2012
		Scotts Flat Reservoir	Mercury	2012
6	Blackwood Creek	Blackwood Creek	Iron	2015
	Bodie Creek	Bodie Creek	Metals	2008
	Bridgeport Reservoir	Bridgeport Reservoir	Nitrogen	2006
			Phosphorus	2006
			Sedimentation/Siltation	2006
	Bronco Creek	Bronco Creek	Sedimentation/Siltation	2006
	Clearwater Creek	Clearwater Creek	Sedimentation/Siltation	2006
	Donner Lake PCBs	Donner Lake	Priority Organics	2007
	Gray Creek	Gray Creek (Nevada County)	Sedimentation/Siltation	2006
	Heavenly Valley Creek (source to USFS boundary) Sediment	Heavenly Valley Creek (source to USFS boundary)	Sedimentation/Siltation	2001
	Hot Springs Canyon Creek Sediment	Hot Springs Canyon Creek	Sedimentation/Siltation	2008
	Indian Creek Reservoir Phosphorus	Indian Creek Reservoir	Phosphorus	2002
	Lake Tahoe Nutrients/Sediment	Tahoe, Lake	Nitrogen	2008
		Blackwood Creek	Phosphorus	2008
		Ward Creek	Sedimentation/Siltation	2008
	Squaw Creek Sediment	Squaw Creek	Sedimentation/Siltation	2006
	Truckee River Sediment	Truckee River	Sedimentation/Siltation	2006
	Ward Creek Sediment	Ward Creek	Iron	2015
			Sedimentation/Siltation	2007
7	Alamo River Sedimentation/Siltation	Alamo River	Silt	2001
	Coachella Valley Storm Channel Pathogen TMDL	Coachella Valley Storm Channel	Pathogens	2006
	Imperial Valley Drains (Niland 2, P, Pumice, and their tributary drains) Sediment TMDL	Imperial Valley Drains	Sedimentation/Siltation	2004
	New River 1,2,4-	New River (Imperial)	1,2,4-trimethylbenzene	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	trimethylbenzene TMDL			
	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
			Nutrients	2006
	Big Bear Lake Watershed Sediment TMDL	Big Bear Lake	Sedimentation/Siltation	2006
		Rathbone (Rathbun) Creek	Sedimentation/Siltation	2006
	Canyon Lake Bacteria TMDL	Canyon Lake (Railroad Canyon Reservoir)	Pathogens	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
	Central Irvine Channel TMDL	Central Irvine Channel	Selenium	2007
	Como Channel TMDL	Como Channel	Selenium	2007
	El Modena – Irvine Channel TMDL	El Modena – Irvine Channel	Selenium	2007
	Huntington Beach State Park TMDL	Huntington Beach State Park	PCBs	2016
	Huntington Harbour TMDLs	Huntington Harbour	Chlordane	2016
			Lead	2016
			Toxicity	2016
	Knickerbocker Cr., Bacteria TMDL	Knickerbocker Creek	Pathogens	2005
	Lake Elsinore TMDL	Lake Elsinore	PCBs	2016
	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
	Lane Channel TMDL	Lane Channel	Selenium	2007
	Newport Bay Watershed Copper TMDL	Newport Bay, Lower	Copper	2007
		Newport Bay, Upper (Ecological Reserve)	Copper	2007
		San Diego Creek Reach 2	Metals	2007
	Newport Bay Watershed TMDL	Newport Bay, Lower	Sediment Toxicity	2012
	Newport Bay Watershed Organochlorine Compounds TMDL	Newport Bay, Lower	DDT	2006
			Chlordane	2006
			PCBs	2006
		Newport Bay, Upper (Ecological Reserve)	DDT Chlordane PCBs	2006
		San Diego Creek Reach 1	Toxaphene	2006
	Newport Bay Watershed Rhine Channel TMDLs	Newport Bay, Lower	Metals	2006
			Pesticides	2006
			Priority Organics	2006
		Rhine Channel	Copper	2006
			Lead	2006
			Mercury	2006
			PCBs	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
			Zinc	2006
			Sediment Toxicity	2012
	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
	Peters Canyon Channel TMDLs	Peters Canyon Channel	Toxaphene	2006
			Selenium	2007
	Santa Fe Channel TMDL	Santa Fe Channel	Selenium	2007
	Seal Beach TMDL	Seal Beach	PCBs	2016
9	7th Street Channel	San Diego Bay Shoreline, Seventh Street Channel	Benthic Community Effects	2008
			Sediment Toxicity	2008
	Bacteria Impaired Waters I (creeks and beach shorelines)	Aliso Creek	Bacteria Indicators	2005
		Aliso Creek (mouth)	Bacteria Indicators	2005
		Chollas Creek	Bacteria Indicators	2005
		Forester Creek	Fecal Coliform	2005
		Pacific Ocean Shoreline, Aliso HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, Dana Point HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, Laguna Beach HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, 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	Bacteria Indicators	2005

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		Shoreline, San Diequito HU		
		Pacific Ocean Shoreline, San Joaquin Hills HSA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, San Luis Rey HU	Bacteria Indicators	2005
		Pacific Ocean Shoreline, San Marcos HA	Bacteria Indicators	2005
		Pacific Ocean Shoreline, Scripps HA	Bacteria Indicators	2005
		Pine Valley Creek (Upper)	Enterococci	2010
		San Diego River (Lower)	Fecal Coliform	2005
		San Juan Creek	Bacteria Indicators	2005
	Bacteria Impaired Waters II (Bays, Lagoons, and Shorelines)	Agua Hedionda Lagoon	Bacteria Indicators	2006
		Buena Vista Lagoon	Bacteria Indicators	2008
		Dana Point Harbor	Bacteria Indicators	2006
		Loma Alta Slough	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Buena Vista Creek HA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Escondido Creek HA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Loma Alta HA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Lower San Juan HSA	Bacteria Indicators	2008
		Pacific Ocean Shoreline, Tijuana HU	Bacteria Indicators	2010
		San Diego Bay Shoreline, 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	Bacteria Indicators	2006

Regional Board	TMDL Project Name	Water Body	Pollutant	TMDL Completion Date
		St and Broadway Piers		
		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 7, 8, 9 10, and 11 of Volume I of the Staff Report have not been incorporated into Appendix 1. The 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		High	77 Miles	2003
					Silviculture			
					Logging Road Construction/Maintenance			
					Nonpoint Source			
1	R	Americano Creek, Bodega HU, Estero Americano HA	11530012					
				Nutrients		Low	38 Miles	
					Pasture Grazing-Riparian and/or Upland			
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Intensive Animal Feeding Operations			
					Manure Lagoons			
					Dairies			
1	R	Big River, Mendocino Coast HU, Big River HA	11330043					
				Sedimentation/Siltation		High	225 Miles	2003
					Silviculture			
					Logging Road Construction/Maintenance			
					Road Construction			
					Disturbed Sites (Land Develop.)			
					Nonpoint Source			
				Temperature		Low	225 Miles	
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Erosion/Siltation			
					Nonpoint Source			
1	R	Eel River Delta, Eel River HU, Lower Eel River HA	11111032					
				Sedimentation/Siltation		Medium	426 Miles	
					Range Grazing-Riparian and/or Upland			
					Silviculture			
					Nonpoint Source			
				Temperature		Medium	426 Miles	
					Removal of Riparian Vegetation			
					Nonpoint 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
1	R	Eel River, Middle Fork, Eel River HU, Middle Fork HA	11171045					
				Sedimentation/Siltation		Medium	1071 Miles	
					Erosion/Siltation			
				Temperature		Medium	1071 Miles	
					Removal of Riparian 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			

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

Approved by USEPA: July 2003

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

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

Approved by USEPA: July 2003

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

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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		High	154	Miles	2002
					Habitat Modification				
					Removal of Riparian Vegetation				
					Streambank Modification/Destabilization				
					Nonpoint Source				
1	R	Gualala River, Mendocino Coast HU, Gualala River HA	11385021						
				Sedimentation/Siltation		High	455	Miles	2004
					Specialty Crop Production				
					Silviculture				
					Harvesting, Restoration, Residue Management				
					Logging Road Construction/Maintenance				
					Highway/Road/Bridge Construction				
					Land Development				
					Disturbed Sites (Land Develop.)				
					Erosion/Siltation				
					Nonpoint Source				
				Temperature		Low	455	Miles	
					Removal of Riparian Vegetation				
					Streambank Modification/Destabilization				
					Channel Erosion				
					Erosion/Siltation				
					Nonpoint Source				
1	B	Humboldt Bay, Eureka Plain HU	11000000						
				PCBs		Low	16075	Acres	
				This listing was made by USEPA.					
					Source Unknown				

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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		Low	19 Miles	
					Silviculture			
					Road Construction			
					Land Development			
					Disturbed Sites (Land Develop.)			
					Urban Runoff/Storm Sewers			
					Hydromodification			
					Channelization			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Sediment Resuspension			
					Natural Sources			
					Nonpoint Source			
1	R	Klamath River, Klamath River HU, Butte Valley HA	10581023					
				Nutrients		Medium	265 Miles	
					Nonpoint Source			
				Temperature		Medium	265 Miles	
					Nonpoint Source			
1	R	Klamath River, Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	10593011					
				Nutrients		Medium	601 Miles	
					Hydromodification			
					Nonpoint Source			
				Temperature		Medium	601 Miles	
					Hydromodification			
					Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Water Diversions			
					Agricultural Water Diversion			
					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	Klamath River, Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	10591063						
				Nutrients		Medium	612	Miles	
					Agriculture				
					Specialty Crop Production				
					Agriculture-subsurface 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				
				Temperature		Medium	612	Miles	
					Hydromodification				
					Channelization				
					Flow Regulation/Modification				
					Water Diversions				
					Agricultural Water Diversion				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Drainage/Filling Of Wetlands				
					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	Klamath River, Klamath River HU, Lower HA, Klamath Glen HSA	10511086						
				Nutrients		Medium	609	Miles	
					Industrial Point Sources				
					Major Industrial Point Source				
					Minor Industrial Point Source				
					Municipal Point Sources				
					Major Municipal Point Source-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				
				Organic Enrichment/Low Dissolved Oxygen		Medium	609	Miles	
					Industrial Point Sources				
					Municipal Point Sources				
					Agriculture				
					Irrigated Crop Production				
					Specialty Crop Production				
					Range Grazing-Riparian				
					Agriculture-storm runoff				
					Agriculture-subsurface drainage				
					Agriculture-irrigation tailwater				
					Agriculture-animal				
					Upstream Impoundment				
					Flow Regulation/Modification				
					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
				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	
				This listing was made by USEPA.				
					Internal Nutrient Cycling (primarily lakes)			
					Nonpoint Source			
					Point Source			

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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**	
				This listing was made by USEPA.					
					Internal Nutrient Cycling (primarily lakes)				
					Nonpoint Source				
					Point Source				
				Sedimentation/Siltation		**Medium**	**96**	**Miles**	
				Entire Russian River watershed (including Laguna de Santa Rosa) is listed for sedimentation.					
					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**	
				Entire Russian River watershed (including Laguna de Santa Rosa) is listed for temperature.					
					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		Low	654	Miles	
					Upstream Impoundment				
					Flow Regulation/Modification				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Nonpoint Source				
					Unknown Nonpoint Source				
				Turbidity		Low	654	Miles	
					Silviculture				
					Resource Extraction				
					Nonpoint Source				
1	R	Mattole River, Cape Mendocino HU, Mattole River HA	11230072						
				Sedimentation/Siltation		High	503	Miles	2004
					Specialty Crop Production				
					Range Grazing-Riparian and/or Upland				
					Range Grazing-Riparian				
					Silviculture				
					Road Construction				
					Hydromodification				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Streambank Modification/Destabilization				
					Erosion/Siltation				
					Natural Sources				
				Temperature		High	503	Miles	2004
					Range Grazing-Riparian and/or Upland				
					Silviculture				
					Road Construction				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Natural Sources				
					Nonpoint Source				
1	L	Mendocino, Lake	11432060						
				Mercury		Low	1704	Acres	
					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
1	E	Navarro River Delta, Mendocino Coast HU, Navarro River HA	11350077						
				Sedimentation/Siltation		High	48	Acres	2004
					Erosion/Siltation				
1	R	Navarro River, Mendocino Coast HU	11350077						
				Sedimentation/Siltation		High	415	Miles	2004
					Agriculture				
					Nonirrigated Crop Production				
					Irrigated Crop Production				
					Specialty Crop Production				
					Range Grazing-Riparian and/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				

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		Low	195 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Nonpoint Source			
1	R	Russian River, Russian River HU, Middle Russian River HA, Big Sulphur Creek HSA	11426023					
				Sedimentation/Siltation		Medium	85 Miles	
					Geothermal Development			
					Erosion/Siltation			
					Nonpoint Source			
				Temperature		Low	85 Miles	
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Nonpoint Source			
1	R	Russian River, Russian River HU, Middle Russian River HA, Dry Creek HSA	11424034					
				Sedimentation/Siltation		Medium	255 Miles	
					Agriculture			
					Agriculture-storm runoff			
					Silviculture			
					Logging Road Construction/Maintenance			
					Construction/Land Development			
					Highway/Road/Bridge Construction			
					Disturbed Sites (Land Develop.)			
					Hydromodification			
					Channelization			
					Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		Low	255 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Nonpoint Source			
1	R	Russian River, Russian River HU, Middle Russian River HA, Geyserville HSA	11425032					
				Sedimentation/Siltation		Medium	243 Miles	
					Agriculture			
					Nonirrigated Crop Production			
					Irrigated Crop Production			
					Specialty Crop Production			
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Agriculture-storm runoff			
					Agriculture-grazing			
					Silviculture			
					Construction/Land Development			
					Geothermal Development			
					Disturbed Sites (Land Develop.)			
					Surface Runoff			
					Resource Extraction			
					Channelization			
					Bridge Construction			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
				Temperature		Low	243 Miles	
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					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, Middle Russian River HA, Mark West Creek HSA	11423021					
				Sedimentation/Siltation		Medium	99 Miles	
					Agriculture			
					Irrigated Crop Production			
					Specialty Crop Production			
					Range Grazing-Riparian and/or Upland			
					Range Grazing-Riparian			
					Intensive Animal Feeding Operations			
					Agriculture-storm runoff			
					Agriculture-grazing			
					Silviculture			
					Harvesting, Restoration, Residue Management			
					Construction/Land Development			
					Highway/Road/Bridge Construction			
					Land Development			
					Disturbed Sites (Land Develop.)			
					Other Urban Runoff			
					Surface Runoff			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
				Temperature		Low	99 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					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, Upper Russian River HA, Coyote Valley HSA	11432060					
				Sedimentation/Siltation		Medium	171 Miles	
					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			
				Temperature		Low	171 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Nonpoint Source			
1	R	Russian River, Russian River HU, Upper Russian River HA, Forsythe Creek HSA	11433040					
				Sedimentation/Siltation		Medium	122 Miles	
					Erosion/Siltation			
					Nonpoint Source			
				Temperature		Low	122 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/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	Russian River, Russian River HU, Upper Russian River HA, Ukiah HSA	11431071						
				Sedimentation/Siltation		Medium	460	Miles	
					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				
				Temperature		Low	460	Miles	
					Hydromodification				
					Upstream Impoundment				
					Flow Regulation/Modification				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Streambank Modification/Destabilization				
					Nonpoint Source				
1	R	Santa Rosa Creek, Russian River HU, Middle Russian River HA	11422013						
				Pathogens		Low	87	Miles	
					Nonpoint Source				
					Point Source				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		**Medium**	**87 Miles**	
				Entire Russian River watershed (including Santa Rosa Creek) is listed for sedimentation.				
					Agriculture			
					Nonirrigated Crop Production			
					Irrigated Crop Production			
					Specialty Crop Production			
					Pasture Grazing-Riparian and/or Upland			
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Dairies			
					Construction/Land Development			
					Highway/Road/Bridge Construction			
					Land Development			
					Urban Runoff/Storm Sewers			
					Urban Runoff--Non-industrial Permitted			
					Other Urban Runoff			
					Surface Runoff			
					Hydromodification			
					Channelization			
					Bridge Construction			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
				Temperature		**Low**	**87 Miles**	
				Entire Russian River watershed (including Santa Rosa Creek) is listed for temperature.				
					Hydromodification			
					Upstream Impoundment			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					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		Medium	902	Miles	
					Irrigated Crop Production				
					Pasture Grazing-Riparian and/or Upland				
					Silviculture				
					Resource Extraction				
					Mill Tailings				
					Natural Sources				
					Nonpoint Source				
				Temperature		Medium	902	Miles	
					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				
1	R	Shasta River, Klamath River HU, Shasta River HA	10550001						
				Organic Enrichment/Low Dissolved Oxygen		Medium	630	Miles	
					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				
				Temperature		Medium	630	Miles	
					Agriculture-irrigation tailwater				
					Flow Regulation/Modification				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Drainage/Filling Of Wetlands				

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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		Low	2377 Acres	
					Resource Extraction			
					Nonpoint Source			
1	R	Stemple Creek/Estero do San Antonio, Bodega HU, Estero de San Antonio HA	11540010					
				Nutrients		Medium	61 Miles	
				This pollutant was relisted for this water body by USEPA in 1998.				
					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			
				Sediment		Low	61 Miles	
					Agriculture			
					Grazing-Related Sources			
					Land Development			
					Erosion/Siltation			
					Nonpoint Source			
1	R	Ten Mile River, Mendocino Coast HU, Rockport HA, Ten Mile River HSA	11313045					
				Sedimentation/Siltation		High	162 Miles	2003
					Silviculture			
					Harvesting, Restoration, Residue Management			
					Logging Road Construction/Maintenance			
				Temperature		Low	162 Miles	
					Habitat Modification			
					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	Trinity River, East Fork, Trinity River HU, Upper HA	10640030						
				Sedimentation/Siltation		Medium	92	Miles	
					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				
1	R	Trinity River, South Fork, Trinity River HU, South Fork HA	10621035						
				Sedimentation/Siltation		Medium	1161	Miles	
					Range Grazing-Riparian				
					Silviculture				
					Nonpoint Source				
				Temperature		Low	1161	Miles	
					Range Grazing-Riparian				
					Water Diversions				
					Habitat Modification				
					Removal of Riparian Vegetation				
					Streambank Modification/Destabilization				

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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		Medium	1256	Miles	
					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				
1	R	Trinity River, Trinity River HU, Middle HA	10631021						
				Sedimentation/Siltation		Medium	331	Miles	
					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				

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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		Medium	570	Miles	
					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				
1	L	Tule Lake and Lower Klamath Lake National Wildlife Refuge (Klamath River HU)	10591020						
				pH (high)		Low	26998	Acres	
					Internal Nutrient Cycling (primarily lakes)				
					Nonpoint Source				
1	R	Van Duzen River, Eel River HU, Van Duzen River HA	11121012						
				Sedimentation/Siltation		Medium	585	Miles	
					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				

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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		High	51 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	R	Alamitos Creek	20540041					
				Mercury		Medium	7.1 Miles	
				TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.				
					Mine Tailings			
2	R	Arroyo Corte Madera Del Presidio	20320020					
				Diazinon		High	4 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	R	Arroyo De La Laguna	20430084					
				Diazinon		High	7.4 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	R	Arroyo Del Valle	20430023					
				Diazinon		High	31 Miles	2004
				This listing was made by USEPA.				
					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		Medium	3.6 Miles	
				Impairment to steelhead habitat.				
					Nonpoint Source			
2	R	Calabazas Creek	20640012					
				Diazinon		High	4.7 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	L	Calero Reservoir	20540031					
				Mercury		Medium	334 Acres	
				TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.				
					Surface Mining			
					Mine Tailings			
2	E	Carquinez Strait	20710020					
				Chlordane		Low	5657 Acres	
				This listing was made by USEPA.				
					Nonpoint Source			
				DDT		Low	5657 Acres	
					Nonpoint Source			
				Diazinon		Low	5657 Acres	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.				
					Nonpoint Source			
				Dieldrin		Low	5657 Acres	
				This listing was made by USEPA.				
					Nonpoint Source			
				Dioxin Compounds		Low	5657 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	5657 Acres	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
					Ballast Water			
				Furan Compounds		Low	5657 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	5657 Acres	2003
				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.				
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		**High**	**5657 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**	**5657 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			
				Selenium		**Low**	**5657 Acres**	
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.				
					Industrial Point Sources			
					Agriculture			
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**	
				This listing was made by USEPA.				
					Nonpoint Source			
				DDT		**Low**	**40 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			
				Diazinon		**Low**	**40 Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.				
					Nonpoint Source			

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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				Selenium		**Low**	**40 Acres**	
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.			
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	**R**	**Corte Madera Creek**	**20320011**					
				Diazinon		**High**	**4.1 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**R**	**Coyote Creek (Marin County)**	**20320020**					
				Diazinon		**High**	**2.6 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**R**	**Coyote Creek (Santa Clara Co.)**	**20530021**					
				Diazinon		**High**	**55 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**R**	**Gallinas Creek**	**20620013**					
				Diazinon		**High**	**2.1 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**R**	**Guadalupe Creek**	**20540050**					
				Mercury		**Medium**	**8.1 Miles**	
				TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.				
					Mine Tailings			
2	**L**	**Guadalupe Reservoir**	**20540040**					
				Mercury		**Medium**	**63 Acres**	
				TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.				
					Surface Mining			
					Mine Tailings			
2	**R**	**Guadalupe River**	**20540050**					
				Diazinon		**High**	**18 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		**Medium**	**17 Miles**	
				Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.				
					Agriculture			
					Urban Runoff/Storm Sewers			
2	**L**	**Lake Herman**	**20721030**					
				Mercury		**Low**	**108 Acres**	
				Additional monitoring and assessment needed. Problem due to historical mining.				
					Surface Mining			
2	**L**	**Lake Merced**	**20210010**					
				Low Dissolved Oxygen		**Low**	**299 Acres**	
				This listing was made by USEPA.				
					Source Unknown			
				pH		**Low**	**299 Acres**	
				This listing was made by USEPA.				
					Source Unknown			
2	**L**	**Lake Merritt**	**20420040**					
				Organic Enrichment/Low Dissolved Oxygen		**Low**	**142 Acres**	
				This listing was made by USEPA.				
					Source Unknown			
				Trash		**Low**	**142 Acres**	
					Urban Runoff/Storm Sewers			
2	**R**	**Laurel Creek (Solano Co)**	**20440040**					
				Diazinon		**High**	**3 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**R**	**Ledgewood Creek**	**20723010**					
				Diazinon		**High**	**12 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**R**	**Los Gatos Creek (R2)**	**20540011**					
				Diazinon		**High**	**19 Miles**	**2004**
				This listing was made by USEPA.				
					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		High	7.3 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	R	Miller Creek	20620012					
				Diazinon		High	9 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	E	Mission Creek	20440010					
				Ammonia		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Chlordane (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Chlorpyrifos (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Chromium (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Copper (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Dieldrin (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Hydrogen Sulfide		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Lead (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Mercury (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			
				Mirex (sediment)		Low	8.5 Acres	
					Industrial Point Sources			
					Combined Sewer Overflow			

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Central)	20420040					
				Chlordane		Low	0.93 Acres	
				This listing was made by USEPA.				
					Nonpoint Source			
				Chlordane (sediment)		Low	0.93 Acres	
					Source Unknown			
				DDT		Low	0.93 Acres	
				This listing was made by USEPA.				
					Nonpoint Source			
				Diazinon		Low	0.93 Acres	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.				
					Nonpoint Source			
				Dieldrin		Low	0.93 Acres	
				This listing was made by USEPA.				
					Nonpoint Source			
				Dioxin Compounds		Low	0.93 Acres	
				The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.				
					Atmospheric Deposition			
				Exotic Species		Medium	0.93 Acres	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
					Ballast Water			
				Furan Compounds		Low	0.93 Acres	
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-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	0.93 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			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		**High**	**0.93 Acres**	**2004**
				This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		**Low**	**0.93 Acres**	
				The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.				
					Unknown Nonpoint Source			
				PCBs (sediment)		**Low**	**0.93 Acres**	
					Source Unknown			
				Selenium		**Low**	**0.93 Acres**	
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	**B**	**Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Central)**	**20420040**					
				Chlordane		**Low**	**1.8 Acres**	
				This listing was made by USEPA.				
					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**	
				This listing was made by USEPA.				
					Nonpoint Source			
				Diazinon		**Low**	**1.8 Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.				
					Nonpoint Source			
				Dieldrin		**Low**	**1.8 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			

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**	
				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**	**1.8 Acres**	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
					Ballast Water			
				Furan Compounds		**Low**	**1.8 Acres**	
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-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			
				Lead (sediment)		**Low**	**1.8 Acres**	
					Source Unknown			
				Mercury		**High**	**1.8 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			
					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**
				This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		**Low**	**1.8 Acres**	
				The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.				
					Unknown Nonpoint Source			

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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**	
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.			
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
				Tributyltin (sediment)		**Low**	**1.8 Acres**	
					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**	
				Linda Mar and San Pedro beaches are the areas affected.				
					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		High	13 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	R	Pescadero Creek	20240013					
				Sedimentation/Siltation		Medium	26 Miles	
				Impairment to steelhead habitat.				
					Nonpoint Source			
2	R	Petaluma River	20630020					
				Diazinon		Low	22 Miles	
				Data source: Abelli-Amen, Petaluma Tree Planters, 1999.				
					Urban Runoff/Storm Sewers			
				Nutrients		Medium	22 Miles	
				TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.				
					Agriculture			
					Construction/Land Development			
					Urban Runoff/Storm Sewers			
				Pathogens		Medium	22 Miles	
				TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.				
					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		Low	1.1 Miles	
				Data source: Abelli-Amen, Petaluma Tree Planters, 1999.				
					Urban Runoff/Storm Sewers			
				Nickel		Low	1.1 Miles	
				Exceedance of California Toxic Rule dissolved criteria and National Toxic Rule total criteria; elevated water and sediment tissue levels.				
					Municipal Point Sources			
					Urban Runoff/Storm Sewers			
					Atmospheric Deposition			

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

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Furan Compounds		**Low**	**2439 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			
				High Coliform Count		**Low**	**2439 Acres**	
				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.				
					Urban Runoff/Storm Sewers			
					Septage Disposal			
					Boat Discharges/Vessel Wastes			
				Mercury		**High**	**2439 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.			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs		**High**	**2439 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**	**2439 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			
2	**R**	**Rodeo Creek**	**20660022**					
				Diazinon		**High**	**8 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**E**	**Sacramento San Joaquin Delta**	**20710010**					
				Chlordane		**Low**	**41736 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			
				DDT		**Low**	**41736 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Diazinon		**Low**	**41736 Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.	**Nonpoint Source**			
				Dieldrin		**Low**	**41736 Acres**	
				This listing was made by USEPA.	**Nonpoint Source**			
				Dioxin Compounds		**Low**	**41736 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**	**41736 Acres**	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.	**Ballast Water**			
				Furan Compounds		**Low**	**41736 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**	**41736 Acres**	**2003**
				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.	**Industrial Point Sources** **Municipal Point Sources** **Resource Extraction** **Atmospheric Deposition** **Nonpoint Source**			
				Nickel		**Low**	**41736 Acres**	
				This listing was made by USEPA.	**Source Unknown**			
				PCBs		**High**	**41736 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**	**41736 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**			

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

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

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Diazinon		**Low**	**79293 Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.	**Nonpoint Source**			
				Dieldrin		**Low**	**79293 Acres**	
				This listing was made by USEPA.	**Nonpoint Source**			
				Dioxin Compounds		**Low**	**79293 Acres**	
				The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.	**Atmospheric Deposition**			
				Exotic Species		**Medium**	**79293 Acres**	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.	**Ballast Water**			
				Furan Compounds		**Low**	**79293 Acres**	
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6, 7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.	**Atmospheric Deposition**			
				Mercury		**High**	**79293 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: water quality objective exceedances. Elevated sediment levels and elevated tissue levels.	**Industrial Point Sources**			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				Nickel		**Low**	**79293 Acres**	
				This listing was made by USEPA.	**Source Unknown**			
				PCBs		**High**	**79293 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**	**79293 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
2	B	San Francisco Bay, South	20510000					
				Chlordane		**Low**	**21669 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			
				DDT		**Low**	**21669 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			
				Diazinon		**Low**	**21669 Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.				
					Nonpoint Source			
				Dieldrin		**Low**	**21669 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			
				Dioxin Compounds		**Low**	**21669 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**	**21669 Acres**	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
					Ballast Water			
				Furan Compounds		**Low**	**21669 Acres**	
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.				
					Atmospheric Deposition			
				Mercury		**High**	**21669 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: water quality objective exceedances. Elevated sediment level and elevated tissue levels.				
					Industrial Point Sources			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				PCBs		**High**	**21669 Acres**	**2004**
				This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.				
					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**	
				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			
				Selenium		**Low**	**21669 Acres**	
				A formal health advisory has been issued by OEHHA for benthic-feeding ducks in South San Francisco Bay. This health advisory clearly establishes that water contact recreation beneficial use (REC-1) is not fully supported and standards are not fully met.				
					Agriculture			
					Domestic Use of Ground Water			
2	**R**	**San Francisquito Creek**	**20550040**					
				Diazinon		**High**	**12 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation		**Medium**	**12 Miles**	
				Impairment to steelhead habitat.				
					Nonpoint Source			
2	**R**	**San Gregorio Creek**	**20230014**					
				High Coliform Count		**Low**	**11 Miles**	
					Nonpoint Source			
				Sedimentation/Siltation		**Medium**	**11 Miles**	
				Impairment to steelhead habitat.				
					Nonpoint Source			
2	**B**	**San Leandro Bay (part of SF Bay, Central)**	**20420040**					
				Chlordane		**Low**	**588 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			
				DDT		**Low**	**588 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			
				DDT (sediment)		**Low**	**588 Acres**	
					Source Unknown			
				Diazinon		**Low**	**588 Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.				
					Nonpoint Source			
				Dieldrin		**Low**	**588 Acres**	
				This listing was made by USEPA.				
					Nonpoint Source			

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Dioxin Compounds		**Low**	**588 Acres**	
					Atmospheric Deposition			
				Exotic Species		**Medium**	**588 Acres**	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
					Ballast Water			
				Furan Compounds		**Low**	**588 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			
				Lead (sediment)		**Low**	**588 Acres**	
					Source Unknown			
				Mercury		**High**	**588 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			
					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**	
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.				
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
				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		**High**	**9.3**	**Miles**	**2004**
				This listing was made by USEPA.					
					Urban Runoff/Storm Sewers				
2	R	San Lorenzo Creek	20420023						
				Diazinon		**High**	**11**	**Miles**	**2004**
				This listing was made by USEPA.					
					Urban Runoff/Storm Sewers				
2	R	San Mateo Creek	20440032						
				Diazinon		**High**	**11**	**Miles**	**2004**
				This listing was made by USEPA.					
					Urban Runoff/Storm Sewers				
2	B	San Pablo Bay	20610010						
				Chlordane		**Low**	**68349**	**Acres**	
				This listing was made by USEPA.					
					Nonpoint Source				
				DDT		**Low**	**68349**	**Acres**	
				This listing was made by USEPA.					
					Nonpoint Source				
				Diazinon		**Low**	**68349**	**Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.				
					Nonpoint Source				
				Dieldrin		**Low**	**68349**	**Acres**	
				This listing was made by USEPA.					
					Nonpoint Source				
				Dioxin Compounds		**Low**	**68349**	**Acres**	
				The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.				
					Atmospheric Deposition				
				Exotic Species		**Medium**	**68349**	**Acres**	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.					
					Ballast Water				
				Furan Compounds		**Low**	**68349**	**Acres**	
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6, 7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.				
					Atmospheric Deposition				

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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**
				Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.			
					Municipal Point Sources			
					Resource Extraction			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				Nickel		**Low**	**68349 Acres**	
				This listing was made by USEPA.				
					Source Unknown			
				PCBs		**High**	**68349 Acres**	**2004**
				This listing covers non dioxin-like PCBs.Interim health advisory for fish; uncertainty regarding water column concentration data.				
					Unknown Nonpoint Source			
				PCBs (dioxin-like)		**Low**	**68349 Acres**	
				The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.				
					Unknown Nonpoint Source			
				Selenium		**Low**	**68349 Acres**	
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.			
					Industrial Point Sources			
					Agriculture			
					Natural Sources			
					Exotic Species			
2	**R**	**San Pablo Creek**	**20660014**					
				Diazinon		**High**	**9.9 Miles**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	**L**	**San Pablo Reservoir**	**20660012**					
				Mercury		**Low**	**784 Acres**	
					Atmospheric Deposition			
2	**R**	**San Pedro Creek**	**20221011**					
				High Coliform Count		**Low**	**2.4 Miles**	
					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	San Rafael Creek	20320012					
				Diazinon		High	3.6 Miles	2004
				This listing was made by USEPA.				
					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		High	18 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			
2	R	Sonoma Creek	20640050					
				Nutrients		Medium	30 Miles	
				TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.				
					Agriculture			
					Construction/Land Development			
					Land Development			
					Urban Runoff/Storm Sewers			
				Pathogens		Low	30 Miles	
				TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.				
					Agriculture			
					Construction/Land Development			
					Land Development			
					Urban Runoff/Storm Sewers			
				Sedimentation/Siltation		Medium	30 Miles	
				TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.				
					Agriculture			
					Construction/Land Development			
					Land Development			
					Urban Runoff/Storm Sewers			
2	R	Stevens Creek	20550020					
				Diazinon		High	20 Miles	2004
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Suisun Bay	20710020					
				Chlordane		**Low**	**27498 Acres**	
				This listing was made by USEPA.	**Nonpoint Source**			
				DDT		**Low**	**27498 Acres**	
				This listing was made by USEPA.	**Nonpoint Source**			
				Diazinon		**Low**	**27498 Acres**	
				Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.	**Nonpoint Source**			
				Dieldrin		**Low**	**27498 Acres**	
				This listing was made by USEPA.	**Nonpoint Source**			
				Dioxin Compounds		**Low**	**27498 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**	**27498 Acres**	
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.	**Ballast Water**			
				Furan Compounds		**Low**	**27498 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**	**27498 Acres**	**2003**
				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.	**Industrial Point Sources** **Resource Extraction** **Atmospheric Deposition** **Natural Sources** **Nonpoint Source**			
				Nickel		**Low**	**27498 Acres**	
				This listing was made by USEPA.	**Source Unknown**			
				PCBs		**High**	**27498 Acres**	**2004**
				This listing covers non-dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.	**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**	
				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			
				Selenium		**Low**	**27498 Acres**	
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.			
					Industrial Point Sources			
					Natural Sources			
					Exotic Species			
2	**T**	**Suisun Marsh Wetlands**	**20723000**					
				Metals		**Low**	**66339 Acres**	
				Additional monitoring and assessment needed.				
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Nutrients		**Low**	**66339 Acres**	
				Additional monitoring and assessment needed.				
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Organic Enrichment/Low Dissolved Oxygen		**Low**	**66339 Acres**	
				Additional monitoring and assessment needed.				
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
				Salinity/TDS/Chlorides		**Low**	**66339 Acres**	
				Additional monitoring and assessment needed.				
					Agriculture			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
2	**E**	**Suisun Slough**	**20723000**					
				Diazinon		**High**	**1124 Acres**	**2004**
				This listing was made by USEPA.				
					Urban Runoff/Storm Sewers			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	B	Tomales Bay	20114033					
				Mercury		**Medium**	**8545 Acres**	
				Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.	**Mine Tailings**			
				Nutrients		**Medium**	**8545 Acres**	
				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.	**Agriculture**			
				Pathogens		**High**	**8545 Acres**	**2004**
				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.	**Intensive Animal Feeding Operations** **Septage Disposal**			
				Sedimentation/Siltation		**Medium**	**8545 Acres**	
				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.	**Agriculture** **Upstream Impoundment**			
2	R	Walker Creek	20112013					
				Mercury		**Medium**	**16 Miles**	
				Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.	**Surface Mining** **Mine Tailings**			
				Nutrients		**Medium**	**16 Miles**	
				Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.	**Agriculture**			
				Sedimentation/Siltation		**Medium**	**16 Miles**	
				Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.	**Agriculture**			
2	R	Walnut Creek	20731040					
				Diazinon		**High**	**9 Miles**	**2004**
				This listing was made by USEPA.	**Urban Runoff/Storm Sewers**			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
2	R	Wildcat Creek	20660013					
				Diazinon		High	12 Miles	2004
				This listing was made by USEPA.				
					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		Medium	8.4 Miles	
				Impaired length for pathogens is below Bridge Creek to the mouth (approximately 5 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		Low	17 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
					Natural Sources			
3	R	Bradley Channel	31210030					
				Fecal Coliform		Low	3.1 Miles	
					Source Unknown			
3	R	Branciforte Creek	30412051					
				Sedimentation/Siltation		Low	5.8 Miles	
					Silviculture			
					Road Construction			
					Nonpoint Source			
3	R	Carbonera Creek	30412050					
				Nutrients		Low	10 Miles	
					Nonpoint Source			
				Pathogens		Medium	10 Miles	
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
				Sedimentation/Siltation		High	10 Miles	2002
					Construction/Land Development			
					Nonpoint Source			
3	R	Carpinteria Creek	31534020					
				Pathogens		Low	5.8 Miles	
					Agriculture			
					Land Disposal			
					Septage Disposal			
3	E	Carpinteria Marsh (El Estero Marsh)	31534020					
				Nutrients		Low	188 Acres	
					Agriculture			
				Organic Enrichment/Low Dissolved Oxygen		Low	188 Acres	
					Agriculture			
				Priority Organics		Low	188 Acres	
					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
				Sedimentation/Siltation		Low	188 Acres	
					Agriculture			
					Construction/Land Development			
					Storm sewers			
3	R	Cholame Creek	31700053					
				Boron		Low	8.7 Miles	
					Source Unknown			
				Fecal Coliform		Low	8.7 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Natural Sources			
					Nonpoint Source			
3	R	Chorro Creek	31022012					
				Fecal Coliform		Low	14 Miles	
					Source Unknown			
				Nutrients		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	
					Source Unknown			
				Low Dissolved Oxygen		Low	2.1 Miles	
				This listing was made by USEPA.				
					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	
					Source Unknown			
				Low Dissolved Oxygen		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		Low	1.5 Miles	
					Agriculture			
					Storm sewers			
				Pesticides		Medium	1.5 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
				Priority Organics		Medium	1.5 Miles	
					Nonpoint Source			
3	R	Fall Creek	30412022					
				Sedimentation/Siltation		Low	5.1 Miles	
					Road Construction			
					Habitat Modification			
					Erosion/Siltation			
					Nonpoint Source			
3	R	Gabilan Creek	30919000					
				Fecal Coliform		Low	6.4 Miles	
					Urban Runoff/Storm Sewers			
					Natural Sources			
					Nonpoint Source			
3	E	Goleta Slough/Estuary	31531020					
				Metals		Low	196 Acres	
					Industrial Point Sources			
				Pathogens		Low	196 Acres	
					Urban Runoff/Storm Sewers			
				Priority Organics		Low	196 Acres	
					Nonpoint Source			
				Sedimentation/Siltation		Low	196 Acres	
					Construction/Land Development			
3	L	Hernandez Reservoir	30550016					
				Mercury		Medium	626 Acres	
					Surface Mining			

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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		Low	4.4 Miles	
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develop.)			
					Erosion/Siltation			
					Nonpoint Source			
3	R	Las Tablas Creek	30981293					
				Metals		High	5.7 Miles	2002
					Surface Mining			
3	R	Las Tablas Creek, North Fork	30981290					
				Metals		High	6.5 Miles	2002
					Surface Mining			
3	R	Las Tablas Creek, South Fork	30981290					
				Metals		High	4.7 Miles	2002
					Surface Mining			
3	R	Llagas Creek	30530020					
				Chloride		Low	16 Miles	
				Impaired section for Chlorides is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).				
					Nonpoint Source			
					Point Source			
				Fecal Coliform		Low	16 Miles	
				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).				
					Pasture Grazing-Riparian and/or Upland			
					Natural Sources			
					Nonpoint Source			
				Low Dissolved Oxygen		Low	16 Miles	
				This listing was made by USEPA.				
					Municipal Point Sources			
					Irrigated Crop Production			
					Agricultural Return Flows			
					Habitat Modification			

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nutrients		**Medium**	**16 Miles**	
				Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).				
					Municipal Point Sources			
					Agriculture			
					Irrigated Crop Production			
					Pasture Grazing-Riparian and/or Upland			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Habitat Modification			
					Nonpoint Source			
					Unknown point source			
				pH		**Low**	**16 Miles**	
					Source Unknown			
				Sedimentation/Siltation		**Medium**	**16 Miles**	
				Impaired section for Sediment/Siltation is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).				
					Agriculture			
					Hydromodification			
					Habitat Modification			
				Sodium		**Low**	**16 Miles**	
				Impaired section for Sodium is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).				
					Source Unknown			
					Nonpoint Source			
				Total Dissolved Solids		**Low**	**16 Miles**	
				Impaired section for Total Dissolved Solids is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).				
					Nonpoint Source			
					Point Source			
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	
					Source Unknown			
				Low Dissolved Oxygen		Low	9.9 Miles	
				This listing was made by USEPA.				
					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		Low	5.1 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
3	R	Mission Creek	31532011					
				Pathogens		Low	8.6 Miles	
					Urban Runoff/Storm Sewers			
					Transient encampments			
				Unknown Toxicity		Low	8.6 Miles	
					Urban Runoff/Storm Sewers			
3	C	Monterey Bay South (Coastline)	30950042					
				Metals		Low	12 Miles	
					Surface Mining			
				Pesticides		Low	12 Miles	
					Agriculture			
3	B	Monterey Harbor	30950042					
				Metals		Medium	76 Acres	
					Railroad Slag Pile			
				Unknown Toxicity		Low	76 Acres	
					Source Unknown			
3	E	Moro Cojo Slough	30913011					
				Low Dissolved Oxygen		Low	62 Acres	
					Source Unknown			
				Pesticides		Medium	62 Acres	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agricultural Return Flows			
					Nonpoint Source			
				Sedimentation/Siltation		Low	62 Acres	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Construction/Land Development			
					Nonpoint Source			

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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		Low	3.9 Miles	
					Silviculture			
					Road Construction			
					Erosion/Siltation			
					Nonpoint Source			
3	L	Nacimiento Reservoir	30982000					
				Metals		High	5736 Acres	2003
					Surface Mining			
					Natural Sources			
3	R	Newell Creek (Upper)	30412031					
				Sedimentation/Siltation		Low	3.5 Miles	
					Agriculture			
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develop.)			
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			
3	R	Nipomo Creek	31210011					
				Fecal Coliform		Low	9.3 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Natural Sources			
3	E	Old Salinas River Estuary	30911010					
				Fecal Coliform		Low	74 Acres	
					Source Unknown			
				Low Dissolved Oxygen		Low	74 Acres	
					Source Unknown			
				Nutrients		Medium	74 Acres	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-irrigation tailwater			
					Nonpoint Source			

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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	
				This listing was made by USEPA.				
					Natural Sources			
				Fecal Coliform		Low	4.7 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Natural Sources			
					Nonpoint Source			
				Nitrate		Low	4.7 Miles	
					Source Unknown			
3	R	Oso Flaco Creek	31210030					
				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		Low	0.06 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Natural Sources			
					Nonpoint Source			
					Unknown Nonpoint Source			
				Total Coliform		Low	0.06 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Nonpoint Source			
					Unknown Nonpoint Source			
3	C	Pacific Ocean at East Beach (mouth of Sycamore Creek, Santa Barbara County)	31532012					
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Gaviota Beach (mouth of Canada de la Gaviota Creek, Santa Barbara County)	31510031					
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Hammonds Beach (Santa Barbara County)	31533010					
				Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	31532010					
				Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Jalama Beach (Santa Barbara County)	31510051					
				Fecal Coliform		Low	3.3 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Natural Sources			
					Nonpoint Source			

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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	
					Source Unknown			
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	31534012					
				Fecal Coliform		Low	0.06 Miles	
					Source Unknown			
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	C	Pacific Ocean at Refugio Beach (Santa Barbara County)	31510022					
				Total Coliform		Low	0.06 Miles	
					Source Unknown			
3	R	Pajaro River	30510030					
				Fecal Coliform		Low	32 Miles	
				Impaired length is above Llagas Creek (approximately 4.5 miles).				
					Pasture Grazing-Riparian and/or Upland			
					Natural Sources			
					Nonpoint Source			
				Nutrients		Medium	32 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-subsurface drainage			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Wastewater - land disposal			
					Channelization			
					Removal of Riparian Vegetation			
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	32 Miles	
					Agriculture			
					Irrigated Crop Production			
					Range Grazing-Riparian and/or Upland			
					Agriculture-storm runoff			
					Resource Extraction			
					Surface Mining			
					Hydromodification			
					Channelization			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Channel Erosion			
3	R	Pennington Creek	31022011					
				Fecal Coliform		Low	5.3 Miles	
					Source Unknown			
3	R	Rider Gulch Creek	30510010					
				Sedimentation/Siltation		Medium	1.8 Miles	
					Agriculture			
					Silviculture			
					Construction/Land Development			
3	R	Salinas Reclamation Canal	30911010					
				Fecal Coliform		Low	5.9 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
					Natural Sources			
				Low Dissolved Oxygen		Low	5.9 Miles	
					Source Unknown			
				Nitrate		Low	5.9 Miles	
					Source Unknown			
				Pesticides		Medium	5.9 Miles	
					Minor Industrial Point Source			
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Nonpoint Source			

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

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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 (midddle, near Gonzales Rd crossing to confluence with Nacimiento River)	30981177					
				Pesticides		Medium	72 Miles	
				Area affected is the lower 20 miles of the middle Salinas River.				
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Nonpoint Source			
				Salinity/TDS/Chlorides		Low	72 Miles	
				Area affected is the lower 20 miles of the middle Salinas River.				
					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			
					Channel Erosion			
					Nonpoint Source			
3	R	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	30981112					
				Chloride		Low	49 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
				Sodium		Low	49 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
3	E	Salinas River Lagoon (North)	30911010					
				Nutrients		Medium	197 Acres	
					Nonpoint Source			
				Pesticides		Medium	197 Acres	
					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	
					Agriculture			
				Pesticides		Medium	30 Acres	
					Agriculture			
				Salinity/TDS/Chlorides		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	
					Source Unknown			
				Sedimentation/Siltation		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	
					Source Unknown			
				Fecal Coliform		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		Low	27 Miles	
					Septage Disposal			
					Nonpoint Source			
				Pathogens		Medium	27 Miles	
					Urban Runoff/Storm Sewers			
					Septage Disposal			
				Sedimentation/Siltation		High	27 Miles	2002
					Silviculture			
					Construction/Land Development			
					Land Development			
					Urban Runoff/Storm Sewers			
3	E	San Lorenzo River Lagoon	30412053					
				Pathogens		Medium	66 Acres	
					Urban Runoff/Storm Sewers			
					Natural Sources			
3	R	San Luis Obispo Creek (Below W Marsh Street)	31024012					
				Nutrients		High	9.6 Miles	2004
					Municipal Point Sources			
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
				Pathogens		High	9.6 Miles	2004
					Source Unknown			
				Priority Organics		High	9.6 Miles	2002
					Source Unknown			
3	R	San Luisito Creek	31022011					
				Fecal Coliform		Low	6.7 Miles	
					Source Unknown			
3	R	Santa Maria River	31210030					
				Fecal Coliform		Low	51 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
				Nitrate		Low	51 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
3	R	Santa Ynez River	31410050					
				Nutrients		Low	47 Miles	
					Nonpoint Source			
				Salinity/TDS/Chlorides		Low	47 Miles	
					Agriculture			
				Sedimentation/Siltation		Low	47 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Resource Extraction			
3	L	Schwan Lake	30412053					
				Nutrients		Low	23 Acres	
					Nonpoint Source			
				Pathogens		Medium	23 Acres	
					Urban Runoff/Storm Sewers			
					Natural Sources			
3	R	Shingle Mill Creek	30412022					
				Nutrients		Low	1.6 Miles	
					Septage Disposal			
				Sedimentation/Siltation		High	1.6 Miles	2002
					Construction/Land Development			
					Nonpoint Source			
3	E	Soquel Lagoon	30413014					
				Nutrients		Low	1.2 Acres	
					Septage Disposal			
					Nonpoint Source			
				Pathogens		Medium	1.2 Acres	
					Urban Runoff/Storm Sewers			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		Low	1.2 Acres	
					Construction/Land Development			

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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		Low	5 Miles	
					Agriculture			
					Pasture Grazing-Riparian and/or Upland			
					Urban Runoff/Storm Sewers			
					Natural Sources			
				Nutrients		Low	5 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Agricultural Return Flows			
					Nonpoint Source			
				Pesticides		Medium	5 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agricultural Return Flows			
					Nonpoint Source			
3	R	Tequisquita Slough	30530020					
				Fecal Coliform		Low	7.2 Miles	
					Agriculture			
					Natural Sources			
					Nonpoint Source			
3	R	Valencia Creek	30413023					
				Pathogens		Medium	6.2 Miles	
					Agriculture			
					Septage Disposal			
				Sedimentation/Siltation		Low	6.2 Miles	
					Agriculture			
					Construction/Land Development			
3	R	Waddell Creek, East Branch	30411010					
				Nutrients		Low	3.5 Miles	
					Municipal Point Sources			
3	R	Walters Creek	31022011					
				Fecal Coliform		Low	2.8 Miles	
					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	Warden Creek	31023010					
				Fecal Coliform		Low	6 Miles	
					Source Unknown			
				Low Dissolved Oxygen		Low	6 Miles	
					Source Unknown			
3	R	Watsonville Slough	30510030					
				Pathogens		Medium	6.2 Miles	
					Urban Runoff/Storm Sewers			
					Source Unknown			
					Nonpoint Source			
				Pesticides		Low	6.2 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Nonpoint Source			
				Sedimentation/Siltation		Medium	6.2 Miles	
					Agriculture			
					Irrigated Crop Production			
					Agriculture-storm runoff			
					Nonpoint Source			
3	R	Zayante Creek	30412040					
				Sedimentation/Siltation		Low	9.2 Miles	
					Agriculture			
					Silviculture			
					Road Construction			
					Disturbed Sites (Land Develop.)			
					Erosion/Siltation			
					Nonpoint Source			
4	C	Abalone Cove Beach	40511000					
				Beach Closures		High	1.1 Miles	2002
					Nonpoint Source			
				DDT (sediment)		Low	1.1 Miles	
					Nonpoint Source			
				PCBs		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	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	0.64 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	R	Arroyo Seco Reach 1 (LA River to West Holly Ave.)	40515010					
				Algae		High	5.2 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	5.2 Miles	2002
					Nonpoint Source			
				Trash		Low	5.2 Miles	
					Nonpoint Source			
4	R	Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	40515010					
				Algae		High	4.4 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	4.4 Miles	2002
					Nonpoint Source			
				Trash		Low	4.4 Miles	
					Nonpoint Source			
4	R	Ashland Avenue Drain	40513000					
				High Coliform Count		High	2.3 Miles	2002
					Nonpoint Source			
				Organic Enrichment/Low 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	
				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.				
					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)		High	6.5 Miles	2004
					Nonpoint/Point Source			
				ChemA (tissue)		High	6.5 Miles	2004
					Source Unknown			
				Chlordane (tissue)		High	6.5 Miles	2004
					Nonpoint/Point Source			
				Copper, Dissolved		High	6.5 Miles	2004
					Nonpoint Source			
				DDT (tissue)		High	6.5 Miles	2004
					Nonpoint/Point Source			
				Dieldrin (tissue)		High	6.5 Miles	2004
					Nonpoint/Point Source			
				Enteric Viruses		High	6.5 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	6.5 Miles	2003
					Nonpoint/Point Source			
				Lead, Dissolved		High	6.5 Miles	2004
					Nonpoint Source			
				PCBs (tissue)		High	6.5 Miles	2004
					Nonpoint/Point Source			
				pH		Low	6.5 Miles	
					Urban Runoff/Storm Sewers Nonpoint Source			
				Sediment Toxicity		High	6.5 Miles	2004
					Nonpoint/Point Source			
				Selenium, Total		Low	6.5 Miles	
					Urban Runoff/Storm Sewers Nonpoint Source			
				Silver (sediment)		Low	6.5 Miles	
					Nonpoint Source			
				Toxicity		High	6.5 Miles	2004
					Nonpoint/Point Source			
				Zinc, Dissolved		Low	6.5 Miles	
					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
4	R	Ballona Creek Estuary	40513000					
				Chlordane (tissue & sediment)		High	2.3 Miles	2004
					Nonpoint/Point Source			
				DDT (sediment)		High	2.3 Miles	2004
					Nonpoint/Point Source			
				High Coliform Count		High	2.3 Miles	2003
					Nonpoint/Point Source			
				Lead (sediment)		High	2.3 Miles	2004
					Nonpoint/Point Source			
				PAHs (sediment)		Low	2.3 Miles	
					Nonpoint/Point Source			
				PCBs (tissue & sediment)		High	2.3 Miles	2004
					Nonpoint/Point Source			
				Sediment Toxicity		High	2.3 Miles	2004
					Nonpoint/Point Source			
				Shellfish Harvesting Advisory		High	2.3 Miles	2003
					Nonpoint/Point Source			
				Zinc (sediment)		High	2.3 Miles	2003
					Nonpoint/Point Source			
4	T	Ballona Creek Wetlands	40517000					
				Exotic Vegetation		Low	289 Acres	
					Nonpoint Source			
				Habitat alterations		Low	289 Acres	
					Nonpoint Source			
				Hydromodification		Low	289 Acres	
					Nonpoint Source			
				Reduced Tidal Flushing		Low	289 Acres	
					Nonpoint Source			
				Trash		Low	289 Acres	
					Nonpoint Source			
4	R	Bell Creek	40521000					
				High Coliform Count		High	8.9 Miles	2002
					Nonpoint/Point Source			
4	C	Big Rock Beach	40431000					
				Beach Closures		High	0.74 Miles	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT		**Low**	**0.74 Miles**	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		**High**	**0.74 Miles**	**2002**
					Nonpoint Source			
				PCBs		**Low**	**0.74 Miles**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	**C**	**Bluff Cove Beach**	**40511000**					
				Beach Closures		**High**	**0.55 Miles**	**2002**
					Nonpoint Source			
				DDT		**Low**	**0.55 Miles**	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		**Low**	**0.55 Miles**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	**R**	**Brown Barranca/Long Canyon**	**40321000**					
				Nitrate and Nitrite		**High**	**2.6 Miles**	**2003**
					Nonpoint Source			
4	**R**	**Burbank Western Channel**	**40521000**					
				Algae		**High**	**13 Miles**	**2002**
					Nonpoint/Point Source			
				Ammonia		**High**	**13 Miles**	**2002**
					Nonpoint/Point Source			
				Cadmium		**Low**	**13 Miles**	
					Nonpoint/Point Source			
				Odors		**High**	**13 Miles**	**2002**
					Nonpoint/Point Source			
				Scum/Foam-unnatural		**High**	**13 Miles**	**2002**
					Nonpoint/Point Source			
				Trash		**Low**	**13 Miles**	
					Nonpoint/Point Source			
4	**C**	**Cabrillo Beach (Inner) LA Harbor Area**	**40512000**					
				Beach Closures (Coliform)		**High**	**0.56 Miles**	**2004**
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT		**Medium**	**0.56 Miles**	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				PCBs		**Medium**	**0.56 Miles**	
				Fish consumption advisory for PCBs.				
					Nonpoint Source			
4	**C**	**Cabrillo Beach (Outer)**	**40512000**					
				Beach Closures		**High**	**0.58 Miles**	**2002**
					Nonpoint Source			
				DDT		**Low**	**0.58 Miles**	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		**High**	**0.58 Miles**	**2002**
					Nonpoint Source			
				PCBs		**Low**	**0.58 Miles**	
				Fish consumption advisory for PCBs.				
					Nonpoint Source			
4	**E**	**Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)**	**40311000**					
				Chlordane (tissue)		**Medium**	**344 Acres**	
					Nonpoint Source			
				Copper		**Medium**	**344 Acres**	
					Nonpoint/Point Source			
				DDT (tissue & sediment)		**Medium**	**344 Acres**	
					Nonpoint Source			
				Endosulfan (tissue)		**Medium**	**344 Acres**	
					Nonpoint Source			
				Mercury		**Medium**	**344 Acres**	
					Nonpoint/Point Source			
				Nickel		**Medium**	**344 Acres**	
					Nonpoint/Point Source			
				Nitrogen		**High**	**344 Acres**	**2002**
					Nonpoint/Point Source			
				PCBs (tissue)		**Medium**	**344 Acres**	
					Nonpoint/Point Source			
				Sediment Toxicity		**Medium**	**344 Acres**	
					Nonpoint/Point Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	344 Acres	
					Agriculture			
					Natural Sources			
				Zinc		Medium	344 Acres	
					Nonpoint/Point Source			
4	R	Calleguas Creek Reach 2 (estuary to Potrero Rd- was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	40312000					
				Ammonia		High	4.3 Miles	2002
					Nonpoint/Point Source			
				ChemA (tissue)		Medium	4.3 Miles	
				Historical use of pesticides and lubricants.				
					Nonpoint Source			
				Chlordane (tissue)		Medium	4.3 Miles	
					Nonpoint Source			
				Copper, Dissolved		Low	4.3 Miles	
					Nonpoint Source			
				DDT		Low	4.3 Miles	
					Nonpoint Source			
				DDT (tissue & sediment)		Medium	4.3 Miles	
					Nonpoint Source			
				Endosulfan (tissue)		Medium	4.3 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	4.3 Miles	
				Area affected is at the mouth of the creek.				
					Nonpoint/Point Source			
				Nitrogen		High	4.3 Miles	2002
					Nonpoint/Point Source			
				PCBs (tissue)		Medium	4.3 Miles	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	4.3 Miles	
					Nonpoint/Point Source			
				Sedimentation/Siltation		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	
					Nonpoint/Point Source			
				Nitrate and Nitrite		High	3.5 Miles	2002
					Nonpoint/Point Source			
				Sedimentation/Siltation		Low	3.5 Miles	
					Agriculture			
					Natural Sources			
				Total Dissolved Solids		High	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
					Nonpoint Source			
				Boron		Medium	7.2 Miles	
				This listing was made by USEPA.				
					Nonpoint Source			
				ChemA (tissue)		Medium	7.2 Miles	
				Historical use of pesticides and lubricants.				
					Nonpoint Source			
				Chlordane (tissue & sediment)		Medium	7.2 Miles	
					Nonpoint Source			
				Chlorpyrifos (tissue)		Medium	7.2 Miles	
					Nonpoint Source			
				DDT (tissue & sediment)		Medium	7.2 Miles	
					Nonpoint Source			
				Dieldrin (tissue)		Medium	7.2 Miles	
					Nonpoint Source			
				Endosulfan (tissue & sediment)		Medium	7.2 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	7.2 Miles	
					Nonpoint/Point Source			
				Nitrate as Nitrate (NO3)		Low	7.2 Miles	
					Nonpoint/Point Source			
				Nitrogen		High	7.2 Miles	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (tissue)		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	
				This listing was made by USEPA.				
					Nonpoint Source			
				Total Dissolved Solids		Medium	7.2 Miles	
				This listing was made by USEPA.				
					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
					Nonpoint Source			
				Chloride		Medium	14 Miles	
					Nonpoint Source			
				Fecal Coliform		Low	14 Miles	
					Nonpoint Source			
				Organophosphorus Pesticides		Low	14 Miles	
					Municipal Point Sources			
					Agriculture			
				Sedimentation/Siltation		Low	14 Miles	
					Agriculture			
					Natural Sources			
				Sulfates		High	14 Miles	2003
					Nonpoint Source			
				Total Dissolved Solids		High	14 Miles	2003
					Nonpoint Source			
4	R	Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	40366000					
				Boron		High	7.2 Miles	2003
					Nonpoint/Point Source			
				Chloride		High	7.2 Miles	2002
					Nonpoint/Point Source			
				Sedimentation/Siltation		Low	7.2 Miles	
					Nonpoint Source			
				Sulfates		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**	
				Historical use of pesticides and lubricants.				
					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**	
				Historical use of pesticides and lubricants.				
					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**	
				Historical use of pesticides and lubricants.				
					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	
				Horse stables, land use, cattle, and wildlife may be sources.				
					Nonpoint Source			
				Low Dissolved Oxygen		Low	8 Miles	
					Nonpoint Source			
4	C	Carbon Beach	40416000					
				Beach Closures		High	1.5 Miles	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT		**Low**	**1.5 Miles**	
				Fish consumption advisory for DDT.	**Nonpoint Source**			
				PCBs		**Low**	**1.5 Miles**	
				Fish consumption advisory for PCBs.	**Nonpoint Source**			
4	**C**	**Castlerock Beach**	**40513000**					
				Bacteria Indicators		**Low**	**0.21 Miles**	
					Nonpoint/Point Source			
				Beach Closures		**High**	**0.21 Miles**	**2002**
					Nonpoint Source			
				DDT		**Low**	**0.21 Miles**	
				Fish Consumption Advisory for DDT.	**Nonpoint Source**			
				PCBs		**Low**	**0.21 Miles**	
				Fish Consumption Advisory for PCBs.	**Nonpoint Source**			
4	**B**	**Channel Islands Harbor**	**40311000**					
				Lead (sediment)		**Medium**	**209 Acres**	
					Nonpoint Source			
				Zinc (sediment)		**Medium**	**209 Acres**	
					Nonpoint Source			
4	**C**	**Channel Islands Harbor Beach**	**40311000**					
				Bacteria Indicators		**Low**	**0.08 Miles**	
					Nonpoint/Point Source			
4	**T**	**Colorado Lagoon**	**40512000**					
				Chlordane (tissue & sediment)		**Medium**	**13 Acres**	
					Nonpoint Source			
				DDT (tissue)		**Medium**	**13 Acres**	
					Nonpoint Source			
				Dieldrin (tissue)		**Medium**	**13 Acres**	
					Nonpoint Source			
				Lead (sediment)		**Medium**	**13 Acres**	
					Nonpoint Source			
				PAHs (sediment)		**Medium**	**13 Acres**	
					Nonpoint Source			
				PCBs (tissue)		**Medium**	**13 Acres**	
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sediment Toxicity		Medium	13 Acres	
					Nonpoint Source			
				Zinc (sediment)		Medium	13 Acres	
					Nonpoint Source			
4	R	Compton Creek	40515010					
				Copper		High	8.5 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	8.5 Miles	2002
					Nonpoint/Point Source			
				Lead		High	8.5 Miles	2003
					Nonpoint/Point Source			
				pH		High	8.5 Miles	2002
					Nonpoint/Point Source			
4	R	Coyote Creek	40515010					
				Abnormal Fish Histology		Medium	13 Miles	
					Nonpoint/Point Source			
				Algae		High	13 Miles	2003
					Nonpoint/Point Source			
				Copper, Dissolved		Low	13 Miles	
					Nonpoint Source			
				High Coliform Count		High	13 Miles	2003
					Nonpoint/Point Source			
				Lead, Dissolved		Low	13 Miles	
					Nonpoint Source			
				Selenium, Total		Low	13 Miles	
					Nonpoint Source			
				Toxicity		Medium	13 Miles	
				This listing was made by USEPA.				
					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
					Nonpoint Source			
				High Coliform Count		High	4.6 Miles	2002
					Nonpoint Source			
4	R	Dominguez Channel (above Vermont)	40512000					
				Aldrin (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Ammonia		Medium	6.7 Miles	
					Nonpoint/Point Source			
				ChemA (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Chlordane (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Chromium (sediment)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Copper		Medium	6.7 Miles	
					Nonpoint/Point Source			
				DDT (tissue & sediment)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Dieldrin (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				High Coliform Count		High	6.7 Miles	2003
					Nonpoint/Point Source			
				Lead (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				PAHs (sediment)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				PCBs (tissue)		Medium	6.7 Miles	
					Nonpoint/Point Source			
				Zinc (sediment)		Low	6.7 Miles	
					Nonpoint/Point Source			
4	R	Dominguez Channel (Estuary to Vermont)	40512000					
				Aldrin (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Ammonia		Medium	8.3 Miles	
					Nonpoint/Point Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Benthic Community Effects		Medium	8.3 Miles	
					Nonpoint/Point Source			
				ChemA (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Chlordane (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Chromium (sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				DDT (tissue & sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Dieldrin (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				High Coliform Count		High	8.3 Miles	2003
					Nonpoint/Point Source			
				Lead (tissue)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				PAHs (sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			
				Zinc (sediment)		Medium	8.3 Miles	
					Nonpoint/Point Source			
4	R	Dry Canyon Creek	40521000					
				Fecal Coliform		Low	3.9 Miles	
					Urban Runoff/Storm Sewers Natural Sources			
				Selenium, Total		Low	3.9 Miles	
					Nonpoint Source			
4	R	Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2	40311000					
				ChemA (tissue)		Medium	12 Miles	
					Nonpoint Source			
				Chlordane (tissue)		Medium	12 Miles	
					Nonpoint Source			
				DDT (tissue & sediment)		Medium	12 Miles	
					Nonpoint Source			
				Nitrogen		High	12 Miles	2002
					Nonpoint Source			

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

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				pH		Medium	35 Acres	
					Nonpoint Source			
4	L	Elizabeth Lake	40351000					
				Eutrophic		Medium	123 Acres	
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Medium	123 Acres	
					Nonpoint Source			
				pH		Medium	123 Acres	
					Nonpoint Source			
				Trash		Medium	123 Acres	
					Nonpoint Source			
4	C	Escondido Beach	40434000					
				Beach Closures		High	1.2 Miles	2002
					Nonpoint Source			
				DDT		Low	1.2 Miles	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.2 Miles	
				Fish consumption advisory for PCBs.				
					Nonpoint Source			
4	C	Flat Rock Point Beach Area	40511000					
				Beach Closures		High	0.11 Miles	2002
					Nonpoint Source			
				DDT		Low	0.11 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	0.11 Miles	
				Fish Consumption Advisory for PCBs.				
					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	
					Nonpoint/Point Source			
				Total Dissolved Solids		Low	13 Miles	
					Nonpoint/Point Source			
4	C	Inspiration Point Beach	40511000					
				Beach Closures		High	0.14 Miles	2002
					Nonpoint Source			
				DDT		Low	0.14 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	0.14 Miles	
				Fish Consumption Advisroy for PCBs.				
					Nonpoint Source			
4	C	La Costa Beach	40416000					
				Beach Closures		High	0.74 Miles	2002
					Nonpoint Source			
				DDT		Low	0.74 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	0.74 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	L	Lake Calabasas	40521000					
				Ammonia		Low	18 Acres	
					Nonpoint Source			
				DDT (tissue)		Low	18 Acres	
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Eutrophic		Low	18 Acres	
					Nonpoint Source			
				Odors		Low	18 Acres	
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Low	18 Acres	
					Nonpoint Source			
				pH		Low	18 Acres	
					Nonpoint Source			
4	L	Lake Hughes	40351000					
				Algae		Medium	21 Acres	
					Nonpoint Source			
				Eutrophic		Medium	21 Acres	
					Nonpoint Source			
				Fish Kills		Medium	21 Acres	
					Nonpoint Source			
				Odors		Medium	21 Acres	
					Nonpoint Source			
				Trash		Medium	21 Acres	
					Nonpoint Source			
4	L	Lake Lindero	40423000					
				Algae		High	15 Acres	2002
					Nonpoint Source			
				Chloride		Low	15 Acres	
					Nonpoint Source			
				Eutrophic		High	15 Acres	2002
					Nonpoint Source			
				Odors		High	15 Acres	2002
					Nonpoint Source			
				Specific conductivity		Low	15 Acres	
					Nonpoint Source			
				Trash		Medium	15 Acres	
					Nonpoint Source			
4	L	Lake Sherwood	40426000					
				Algae		High	135 Acres	2003
					Nonpoint Source			
				Ammonia		High	135 Acres	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Eutrophic		High	135 Acres	2002
					Nonpoint Source			
				Mercury (tissue)		High	135 Acres	2004
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		High	135 Acres	2002
					Nonpoint Source			
4	C	Las Flores Beach	40415000					
				DDT		Low	1.1 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		High	1.1 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.1 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	C	Las Tunas Beach	40412000					
				Beach Closures		High	1.2 Miles	2002
					Nonpoint Source			
				DDT		Low	1.2 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.2 Miles	
				Fish Consumption Advisory for PCBs.				
					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)		Medium	1076 Acres	
				Fish Consumption Advisory.				
					Nonpoint Source			
				PAHs (sediment)		Medium	1076 Acres	
					Nonpoint Source			
				PCBs (tissue)		Medium	1076 Acres	
				Fish Consumption Advisory.				
					Nonpoint Source			
				Sediment Toxicity		Medium	1076 Acres	
					Nonpoint Source			
4	C	Long Point Beach	40511000					
				DDT		Low	0.7 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		High	0.7 Miles	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		**Low**	**0.7 Miles**	
				Fish Consumption Advisory for PCBs.				
					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**	
				Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.				
					Nonpoint Source			
				Chlordane (tissue & sediment)		**Medium**	**36 Acres**	
					Nonpoint Source			
				Chromium (sediment)		**Medium**	**36 Acres**	
					Nonpoint Source			
				Copper (sediment)		**Low**	**36 Acres**	
					Nonpoint Source			
				DDT (tissue & sediment)		**Medium**	**36 Acres**	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				Dieldrin (tissue)		**Low**	**36 Acres**	
				Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.				
					Nonpoint Source			
				Lead (sediment)		**Medium**	**36 Acres**	
					Nonpoint Source			
				Mercury (sediment)		**Low**	**36 Acres**	
				Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.				
					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)		**Medium**	**36 Acres**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
				Sediment Toxicity		**Medium**	**36 Acres**	
					Nonpoint Source			
				Toxaphene (tissue)		**Low**	**36 Acres**	
					Nonpoint Source			
				Zinc (sediment)		**Low**	**36 Acres**	
				Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.				
					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)		**Medium**	**279 Acres**	
				Fish Consumption Advisory for DDT.				
					Nonpoint/Point Source			
				PAHs (tissue & sediment)		**Medium**	**279 Acres**	
					Nonpoint/Point Source			
				PCBs (tissue & sediment)		**Medium**	**279 Acres**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint/Point Source			
				Sediment Toxicity		**Medium**	**279 Acres**	
					Nonpoint/Point Source			
				Zinc (tissue & sediment)		**Medium**	**279 Acres**	
					Nonpoint/Point Source			
4	**B**	**Los Angeles Harbor Southwest Slip**	**40512000**					
				DDT		**Medium**	**63 Acres**	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			

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				PCBs		**Medium**	**63 Acres**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
				Sediment Toxicity		**Medium**	**63 Acres**	
					Nonpoint Source			
4	**E**	**Los Angeles River Estuary (Queensway Bay)**	**40512000**					
				Chlordane (sediment)		**Low**	**261 Acres**	
				Historical use of pesticides and lubricants.				
					Nonpoint Source			
				DDT (sediment)		**Low**	**261 Acres**	
				Historical use of pesticides and lubricants.				
					Nonpoint Source			
				Lead (sediment)		**Low**	**261 Acres**	
				Historical use of pesticides and lubricants.				
					Nonpoint Source			
				PCBs (sediment)		**Low**	**261 Acres**	
				Historical use of pesticides and lubricants.				
					Nonpoint Source			
				Zinc (sediment)		**Low**	**261 Acres**	
				Historical use of pesticides and lubricants.				
					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
					Nonpoint/Point Source			
				Scum/Foam-unnatural		High	3.4 Miles	2003
					Nonpoint/Point Source			
				Zinc, Dissolved		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
					Nonpoint/Point Source			
				Nutrients (Algae)		High	11 Miles	2003
					Nonpoint/Point Source			
				Odors		High	11 Miles	2003
					Nonpoint/Point Source			
				Scum/Foam-unnatural		High	11 Miles	2003
					Nonpoint/Point Source			
4	R	Los Angeles River Reach 5 (within Sepulveda Basin)	40521000					
				Ammonia		High	5.4 Miles	2003
					Nonpoint/Point Source			
				Nutrients (Algae)		High	5.4 Miles	2003
					Nonpoint/Point Source			
				Odors		High	5.4 Miles	2003
					Nonpoint/Point Source			
				Oil		Low	5.4 Miles	
					Nonpoint/Point Source			
				Scum/Foam-unnatural		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	
					Nonpoint Source			
				High Coliform Count		High	7 Miles	2003
					Nonpoint Source			
				Tetrachloroethylene/PCE		Low	7 Miles	
					Nonpoint Source			
				Trichloroethylene/TCE		Low	7 Miles	
					Nonpoint Source			
4	T	Los Cerritos Channel	40515010					
				Ammonia		Medium	31 Acres	
					Nonpoint Source			
				Chlordane (sediment)		Low	31 Acres	
					Source Unknown			
				Copper		Medium	31 Acres	
					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		Medium	31 Acres	
					Nonpoint Source			
				Lead		Medium	31 Acres	
					Nonpoint Source			
				Zinc		Medium	31 Acres	
					Nonpoint Source			
4	C	Lunada Bay Beach	40511000					
				Beach Closures		Low	0.63 Miles	
					Nonpoint Source			
4	L	Machado Lake (Harbor Park Lake)	40512000					
				Algae		Low	45 Acres	
					Nonpoint Source			
				Ammonia		Low	45 Acres	
					Nonpoint Source			
				ChemA (tissue)		Medium	45 Acres	
				Historical use of pesticides and lubricants.				
					Nonpoint Source			
				Chlordane (tissue)		Low	45 Acres	
				Fish Consumption Advisory.				
					Nonpoint Source			
				DDT (tissue)		Low	45 Acres	
				Fish Consumption Advisory.				
					Nonpoint Source			
				Dieldrin (tissue)		Low	45 Acres	
					Nonpoint Source			
				Eutrophic		Low	45 Acres	
					Nonpoint Source			
				Odors		Low	45 Acres	
					Nonpoint Source			
				PCBs (tissue)		Low	45 Acres	
					Nonpoint Source			
				Trash		Medium	45 Acres	
					Nonpoint Source			
4	C	Malaga Cove Beach	40511000					
				Beach Closures		High	0.39 Miles	2002
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				DDT		**Low**	**0.39 Miles**	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		**Low**	**0.39 Miles**	
				Fish Consumption Advisory for PCBs.				
					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		**Low**	**0.77 Miles**	
				Fish Consumption Advisory for DDT.				
					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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Eutrophic		High	15 Acres	2002
					Nonpoint/Point Source			
				High Coliform Count		High	15 Acres	2003
					Nonpoint/Point Source			
				pH		Low	15 Acres	
				Possible sources might be septic systems, storm drains, and birds.				
					Source Unknown			
				Shellfish Harvesting Advisory		High	15 Acres	2002
					Nonpoint/Point Source			
				Swimming Restrictions		High	15 Acres	2002
					Nonpoint/Point Source			
4	C	Malibu Lagoon Beach (Surfrider)	40421000					
				Beach Closures		High	1 Miles	2002
					Nonpoint Source			
				DDT		Low	1 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		High	1 Miles	2002
					Nonpoint Source			
				PCBs		Low	1 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	C	Manhattan Beach	40512000					
				Beach Closures		High	2 Miles	2002
					Nonpoint Source			
4	B	Marina del Rey Harbor - Back Basins	40517000					
				Chlordane (tissue & sediment)		Medium	391 Acres	
					Nonpoint Source			
				Copper (sediment)		Low	391 Acres	
					Nonpoint Source			
				DDT (tissue)		Medium	391 Acres	
					Nonpoint Source			
				Dieldrin (tissue)		Medium	391 Acres	
					Nonpoint Source			
				Fish Consumption Advisory		Medium	391 Acres	
					Nonpoint Source			
				High Coliform Count		High	391 Acres	2003
					Nonpoint Source			

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

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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		High	1.5 Miles	2003
					Nonpoint Source			
4	L	McGrath Lake	40311000					
				Chlordane (sediment)		Medium	20 Acres	
					Nonpoint Source			
				DDT (sediment)		Medium	20 Acres	
					Nonpoint Source			
				Dieldrin (sediment)		Low	20 Acres	
				Historical use of pesticides and lubricants, storm water runoff/aerial deposition from agricultural fields.				
					Nonpoint Source			
				Fecal Coliform		Low	20 Acres	
					Agriculture			
					Landfills			
					Natural Sources			
				PCBs (sediment)		Low	20 Acres	
				Historical use of pesticides and lubricants, storm water runoff/aerial deposition from agricultural fields.				
					Nonpoint Source			
				Sediment Toxicity		Medium	20 Acres	
					Nonpoint Source			
4	R	Medea Creek Reach 1 (Lake to Confl. with Lindero)	40424000					
				Algae		High	2.6 Miles	2003
					Nonpoint Source			
				High Coliform Count		High	2.6 Miles	2003
					Nonpoint Source			
				Sedimentation/Siltation		Low	2.6 Miles	
					Source Unknown			
				Selenium		High	2.6 Miles	2004
					Nonpoint Source			
				Trash		Medium	2.6 Miles	
					Nonpoint Source			
4	R	Medea Creek Reach 2 (Abv Confl. with Lindero)	40423000					
				Algae		High	5.4 Miles	2003
					Nonpoint Source			
				High Coliform Count		High	5.4 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
				Sedimentation/Siltation		Low	5.4 Miles	
					Source Unknown			
				Selenium		High	5.4 Miles	2004
					Nonpoint Source			
				Trash		Medium	5.4 Miles	
					Nonpoint Source			
4	R	Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)	40351000					
				Nitrate and Nitrite		High	8.1 Miles	2003
					Nonpoint Source			
4	R	Monrovia Canyon Creek	40531000					
				Lead		High	3.4 Miles	2003
					Nonpoint Source			
4	L	Munz Lake	40351000					
				Eutrophic		Medium	6.6 Acres	
					Nonpoint Source			
				Trash		Medium	6.6 Acres	
					Nonpoint Source			
4	C	Nicholas Canyon Beach	40444000					
				Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			
				DDT		Low	1.7 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.7 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	C	Ormond Beach	40311000					
				Bacteria Indicators		Low	1.6 Miles	
				The areas affected are: a 50 yard area north of Oxnard Industrial Drain and a 50 yard area south of J Street drain.				
					Nonpoint/Point Source			
4	R	Palo Comado Creek	40423000					
				High Coliform Count		High	6.8 Miles	2003
					Nonpoint Source			
4	C	Palo Verde Shoreline Park Beach	40511000					
				Pathogens		High	0.24 Miles	2002
					Source Unknown			

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				Pesticides		Low	0.24 Miles	
					Source Unknown			
4	C	Paradise Cove Beach	40435000					
				Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			
				DDT		Low	1.7 Miles	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		High	1.7 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.7 Miles	
				Fish consumption advisory for PCBs.				
					Nonpoint Source			
4	L	Peck Road Park Lake	40531000					
				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	
				Area affected is beach area north of South Jetty.				
					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	
					Nonpoint Source			
				PAHs		Low	8 Miles	
					Nonpoint Source			
				Toxicity		Medium	8 Miles	
					Nonpoint Source			
				Trash		Low	8 Miles	
					Nonpoint Source			
4	R	Piru Creek (tributary to Santa River Reach 4)	40342000					
				pH		Low	63 Miles	
					Nonpoint Source			
					Conservation Dishcarge Releases			
4	C	Point Dume Beach	40435000					
				Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				DDT		Low	2.5 Miles	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	2.5 Miles	
				Fish consumtiion advisory for PCBs.				
					Nonpoint Source			
4	C	Point Fermin Park Beach	40512000					
				Beach Closures		High	1.6 Miles	2002
					Nonpoint Source			
				DDT		Low	1.6 Miles	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.6 Miles	
				Fish consumption advisory for PCBs.				
					Nonpoint Source			
4	C	Point Vicente Beach	40511000					
				Beach Closures		High	0.63 Miles	2002
					Nonpoint Source			
4	R	Pole Creek (trib to Santa Clara River Reach 3)	40331000					
				Sulfates		Low	9 Miles	
					Nonpoint Source			

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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	
					Nonpoint Source			
				PCBs (tissue)		Medium	65 Acres	
					Nonpoint Source			
4	C	Portugese Bend Beach	40511000					
				Beach Closures		High	1.4 Miles	2002
					Nonpoint Source			
				DDT		Low	1.4 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.4 Miles	
				Fish Consumption Advisory for PCB.				
					Nonpoint Source			
4	C	Promenade Park Beach	40210000					
				Bacteria Indicators		Low	0.37 Miles	
				Area affected is at Oak Street , Redwood Apartments, and south of drain at California Street.				
					Nonpoint/Point Source			
4	L	Puddingstone Reservoir	40552000					
				Chlordane (tissue)		Medium	243 Acres	
					Nonpoint Source			
				DDT (tissue)		Medium	243 Acres	
					Nonpoint Source			
				Mercury (tissue)		Medium	243 Acres	
					Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		Low	243 Acres	
					Nonpoint Source			
				PCBs (tissue)		Low	243 Acres	
					Nonpoint Source			
4	C	Puerco Beach	40431000					
				Beach Closures		High	0.5 Miles	2002
					Nonpoint Source			
				DDT		Low	0.5 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs		**Low**	**0.5 Miles**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	**C**	**Redondo Beach**	**40512000**					
				Beach Closures		**High**	**1.5 Miles**	**2002**
					Nonpoint Source			
				DDT		**Low**	**1.5 Miles**	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		**High**	**1.5 Miles**	**2002**
					Nonpoint Source			
				PCBs		**Low**	**1.5 Miles**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	**C**	**Resort Point Beach**	**40511000**					
				Beach Closures		**High**	**0.15 Miles**	**2002**
					Nonpoint Source			
4	**C**	**Rincon Beach**	**40100010**					
				Bacteria Indicators		**Low**	**0.09 Miles**	
				Area affected is 50 and 150 yards south of mouth of Rincon Creek, and at the end of the footpath.				
					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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4	R	Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	40515010					
				Copper		High	4.6 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	4.6 Miles	2002
					Nonpoint/Point Source			
				Lead		High	4.6 Miles	2003
					Nonpoint/Point Source			
				pH		High	4.6 Miles	2002
					Nonpoint/Point Source			
				Trash		Low	4.6 Miles	
					Nonpoint/Point Source			
				Zinc		High	4.6 Miles	2003
					Nonpoint/Point Source			
4	R	Rio Hondo Reach 2 (At Spreading Grounds)	40515010					
				High Coliform Count		High	4.9 Miles	2002
					Nonpoint/Point Source			
4	C	Robert H. Meyer Memorial Beach	40441000					
				Beach Closures		High	1.2 Miles	2002
					Nonpoint Source			
				DDT		Low	1.2 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.2 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	C	Rocky Point Beach	40511000					
				Beach Closures		High	0.49 Miles	2002
					Nonpoint Source			
4	C	Royal Palms Beach	40511000					
				Beach Closures		High	1.1 Miles	2002
					Nonpoint Source			
				DDT		Low	1.1 Miles	
				Fish consumption advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.1 Miles	
				Fish consumption advisory for PCBs.				
					Nonpoint Source			

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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		Low	9.8 Miles	
					Nonpoint Source			
4	C	San Buenaventure Beach	40210000					
				Bacteria Indicators		Low	0.3 Miles	
				Area affected is south of drain at Kalorama Street and south of drain at San Jon Road.				
					Nonpoint/Point Source			
4	R	San Gabriel River Estuary	40516000					
				Abnormal Fish Histology		Medium	3.4 Miles	
					Nonpoint/Point Source			
4	R	San Gabriel River Reach 1 (Estuary to Firestone)	40515010					
				Abnormal Fish Histology		Medium	6.4 Miles	
					Nonpoint/Point Source			
				Algae		High	6.4 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	6.4 Miles	2003
					Nonpoint/Point Source			
				Toxicity		Medium	6.4 Miles	
				This listing was made by USEPA.				
					Point Source			
4	R	San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam	40515010					
				Copper, Dissolved		Low	12 Miles	
					Nonpoint Source			
				High Coliform Count		High	12 Miles	2003
					Nonpoint/Point Source			
				Lead		Medium	12 Miles	
					Nonpoint/Point Source			
				Zinc, Dissolved		Low	12 Miles	
					Nonpoint Source			
4	R	San Gabriel River Reach 3 (Whittier Narrows to Ramona)	40531000					
				Toxicity		Medium	7.2 Miles	
				This listing was made by USEPA.				
					Point Source			

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4	R	San Jose Creek Reach 1 (SG Confluence to Temple St.)	40531000					
				Algae		Low	2.7 Miles	
					Nonpoint/Point Source			
				High Coliform Count		Low	2.7 Miles	
					Nonpoint/Point Source			
4	R	San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	40531000					
				Algae		High	17 Miles	2003
					Nonpoint/Point Source			
				High Coliform Count		High	17 Miles	2003
					Nonpoint/Point Source			
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	
				Fish Consumption Advisory for DDT.				
					Nonpoint/Point Source			
				PAHs (sediment)		Medium	5758 Acres	
					Nonpoint/Point Source			
				PCBs		Medium	5758 Acres	
				Fish consumption advisory for PCBs.				
					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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4	R	Santa Clara River Reach 3 (Freeman Diversion to A Street)	40321000					
				Ammonia		High	31 Miles	2003
					Nonpoint/Point Source			
				Chloride		High	31 Miles	2002
					Nonpoint/Point Source			
				Total Dissolved Solids		Low	31 Miles	
					Nonpoint/Point Source			
4	R	Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99 Bridge)	40351000					
				Chloride		High	9.4 Miles	2002
				Chloride was relisted by USEPA.				
					Nonpoint/Point Source			
				High Coliform Count		Medium	9.4 Miles	
					Nonpoint/Point Source			
				Nitrate and Nitrite		Low	9.4 Miles	
					Nonpoint/Point Source			
4	R	Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd.)	40351000					
				Chloride		High	5.2 Miles	2002
				Chloride was relisted by USEPA.				
					Nonpoint/Point Source			
				High Coliform Count		Medium	5.2 Miles	
					Nonpoint/Point Source			
4	R	Santa Clara River Reach 9 (Bouquet Canyon Rd to above Lang Gaging Station)	40351000					
				High Coliform Count		Medium	21 Miles	
					Nonpoint/Point Source			
4	L	Santa Fe Dam Park Lake	40531000					
				Copper		Medium	20 Acres	
					Nonpoint Source			
				Lead		Medium	20 Acres	
					Nonpoint Source			
				pH		Medium	20 Acres	
					Nonpoint Source			
4	B	Santa Monica Bay Offshore/Nearshore	40513000					
				Chlordane (sediment)		Medium	146645 Acres	
					Nonpoint/Point Source			

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				DDT (tissue & sediment)		Low	146645 Acres	
				Centered on Palos Verdes Shelf.				
					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	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	0.21 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	R	Sepulveda Canyon	405.13					
				Ammonia		Low	0.83 Miles	
					Nonpoint Source			
				High Coliform Count		High	0.83 Miles	2002
					Nonpoint Source			

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				Lead		Medium	0.83 Miles	
					Nonpoint Source			
4	R	Sespe Creek (tributary to Santa Clara River Reach 3)	40332020					
				Chloride		Low	63 Miles	
					Nonpoint Source			
				pH		Low	63 Miles	
					Nonpoint Source			
4	R	Stokes Creek	40422020					
				High Coliform Count		High	4.7 Miles	2002
					Nonpoint Source			
4	C	Surfers Point at Seaside	40210000					
				Bacteria Indicators		Low	0.53 Miles	
				Area affected is the end of the access path via a wooden gate.				
					Nonpoint/Point Source			
4	C	Topanga Beach	40413000					
				Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				DDT		Low	2.5 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		High	2.5 Miles	2002
					Nonpoint Source			
				PCBs		Low	2.5 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	R	Topanga Canyon Creek	40411000					
				Lead		Medium	8.6 Miles	
					Nonpoint Source			
4	C	Torrance Beach	40512000					
				Beach Closures		High	1.1 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	1.1 Miles	2002
					Nonpoint Source			
4	R	Torrance Carson Channel	40512000					
				Copper		Medium	3.4 Miles	
					Nonpoint Source			

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				High Coliform Count		High	3.4 Miles	2003
					Nonpoint Source			
				Lead		Medium	3.4 Miles	
					Nonpoint Source			
4	R	Torrey Canyon Creek	40341000					
				Nitrate and Nitrite		High	1.7 Miles	2003
					Nonpoint Source			
4	C	Trancas Beach (Broad Beach)	40437000					
				Beach Closures		High	1.7 Miles	2002
					Nonpoint Source			
				DDT		Low	1.7 Miles	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				High Coliform Count		High	1.7 Miles	2002
					Nonpoint Source			
				PCBs		Low	1.7 Miles	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
4	R	Triunfo Canyon Creek Reach 1	40424000					
				Lead		High	2.5 Miles	2004
					Nonpoint Source			
				Mercury		High	2.5 Miles	2004
					Nonpoint Source			
				Sedimentation/Siltation		Low	2.5 Miles	
					Source Unknown			
4	R	Triunfo Canyon Creek Reach 2	40424000					
				Lead		High	3.3 Miles	2004
					Nonpoint Source			
				Mercury		High	3.3 Miles	2004
					Nonpoint Source			
				Sedimentation/Siltation		Low	3.3 Miles	
					Source Unknown			
4	R	Tujunga Wash (LA River to Hansen Dam)	40521000					
				Ammonia		High	9.7 Miles	2002
					Nonpoint Source			
				Copper		High	9.7 Miles	2003
					Nonpoint Source			

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				High Coliform Count		High	9.7 Miles	2002
					Nonpoint Source			
				Odors		High	9.7 Miles	2002
					Nonpoint Source			
				Scum/Foam-unnatural		High	9.7 Miles	2002
					Nonpoint Source			
				Trash		Low	9.7 Miles	
					Nonpoint Source			
4	C	Venice Beach	40513000					
				Beach Closures		High	2.5 Miles	2002
					Nonpoint Source			
				High Coliform Count		High	2.5 Miles	2002
					Nonpoint Source			
4	B	Ventura Harbor: Ventura Keys	40311000					
				High Coliform Count		Medium	179 Acres	
					Nonpoint Source			
4	R	Ventura River Estuary	40210011					
				Algae		Medium	0.2 Miles	
					Nonpoint/Point Source			
				Eutrophic		Medium	0.2 Miles	
					Nonpoint/Point Source			
				Fecal Coliform		Low	0.2 Miles	
				Stables and horse property may be the sources.				
					Nonpoint Source			
				Total Coliform		Low	0.2 Miles	
				Stables and horse property may be the sources.				
					Nonpoint Source			
				Trash		Medium	0.2 Miles	
					Nonpoint/Point Source			
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	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		Low	1.1 Miles	
				Fish Consumption Advisory for PCBs.				
					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		**Low**	**1.6 Miles**	
				Fish Consumption Advisory for DDT.				
					Nonpoint Source			
				PCBs		**Low**	**1.6 Miles**	
				Fish Consumption Advisory for PCBs.				
					Nonpoint Source			
5	**R**	**American River, Lower (Nimbus Dam to confluence with Sacramento River)**	**51921000**					
				Mercury		**Low**	**27 Miles**	
				All resource extraction sources are abandoned mines.				
					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		**High**	**9.9 Miles**	**2003**
				The agricultural source of diazinon for these waterbodies is from aerial deposition.				
					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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5	R	Bear River, Upper	51633010					
				Mercury		Medium	10 Miles	
					Resource Extraction			
5	L	Berryessa, Lake	51221010					
				Mercury		Low	19083 Acres	
					Resource Extraction			
5	L	Black Butte Reservoir	50432000					
				Mercury		Medium	4507 Acres	
					Resource Extraction			
5	R	Butte Slough	52030000					
				Diazinon		Medium	8.9 Miles	
					Crop-Related Sources			
5	R	Cache Creek, Lower (Clear Lake Dam to Cache Creek Settling Basin near Yolo Bypass)	51120000					
				Mercury		Medium	96 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Unknown Toxicity		Low	96 Miles	
					Source Unknown			
5	R	Calaveras River, Lower	54400000					
				Diazinon		Low	5.8 Miles	
					Urban Runoff/Storm Sewers			
				Organic Enrichment/Low Dissolved Oxygen		Low	5.8 Miles	
					Urban Runoff/Storm Sewers			
				Pathogens		Low	5.8 Miles	
					Urban Runoff/Storm Sewers			
					Recreational and Tourism Activities (non-boating)			
5	L	Camanche Reservoir	53120000					
				Copper		Low	7389 Acres	
					Resource Extraction			
				Zinc		Low	7389 Acres	
					Resource Extraction			
5	L	Camp Far West Reservoir	51631013					
				Mercury		Medium	1945 Acres	
					Resource Extraction			

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5	R	Chicken Ranch Slough	51921000					
				Chlorpyrifos		High	8 Miles	2003
					Urban Runoff/Storm Sewers			
				Diazinon		High	8 Miles	2003
				The agricultural source of diazinon for these waterbodies is from aerial deposition.				
					Agriculture			
					Urban Runoff/Storm Sewers			
5	L	Clear Lake	51352000					
				Mercury		High	40070 Acres	2002
					Resource Extraction			
				Nutrients		Medium	40070 Acres	
					Source Unknown			
5	R	Clover Creek	50732000					
				Fecal Coliform		Low	11 Miles	
					Agriculture-grazing			
					Other			
5	R	Colusa Basin Drain	52010000					
				Azinphos-methyl		Medium	49 Miles	
					Agriculture			
				Carbofuran/Furadan		Low	49 Miles	
					Agriculture			
				Diazinon		Medium	49 Miles	
					Agriculture			
				Group A Pesticides		Low	49 Miles	
					Agriculture			
				Malathion		Low	49 Miles	
					Agriculture			
				Methyl Parathion		Low	49 Miles	
					Agriculture			
				Molinate/Odram		Low	49 Miles	
					Agriculture-irrigation tailwater			
				Unknown Toxicity		Low	49 Miles	
					Agriculture			
5	L	Combie, Lake	51633011					
				Mercury		Medium	362 Acres	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			

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

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				Group A Pesticides		Low	952 Acres	
					Agriculture			
				Mercury		Medium	952 Acres	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Organic Enrichment/Low Dissolved Oxygen		High	952 Acres	2004
					Municipal Point Sources			
					Urban Runoff/Storm Sewers			
				Unknown Toxicity		Low	952 Acres	
					Source Unknown			
5	E	Delta Waterways (western portion)	51000000					
				Chlorpyrifos		High	22904 Acres	2004
					Agriculture			
					Urban Runoff/Storm Sewers			
				DDT		Low	22904 Acres	
					Agriculture			
				Diazinon		High	22904 Acres	2004
					Agriculture			
					Urban Runoff/Storm Sewers			
				Electrical Conductivity		Medium	22904 Acres	
					Agriculture			
				Group A Pesticides		Low	22904 Acres	
					Agriculture			
				Mercury		Medium	22904 Acres	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Unknown Toxicity		Low	22904 Acres	
					Source Unknown			
5	R	Dolly Creek	51854030					
				Copper		Low	1.5 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Zinc		Low	1.5 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
5	L	Don Pedro Lake	53632010					
				Mercury		Low	11056 Acres	
					Resource Extraction			

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5	R	Dunn Creek (Mt Diablo Mine to Marsh Creek)	54300021					
				Mercury		Low	0.7 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Metals		Low	0.7 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
5	R	Elder Creek	51911000					
				Chlorpyrifos		High	11 Miles	2003
					Urban Runoff/Storm Sewers			
				Diazinon		High	11 Miles	2003
				The agricultural source of diazinon for these waterbodies is from aerial deposition.				
					Agriculture			
					Urban Runoff/Storm Sewers			
5	R	Elk Grove Creek	51911000					
				Diazinon		High	6.9 Miles	2003
				The agricultural source of diazinon for these waterbodies is from aerial deposition.				
					Agriculture			
					Urban Runoff/Storm Sewers			
5	L	Englebright Lake	51714013					
				Mercury		Medium	754 Acres	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
5	R	Fall River (Pit)	52641031					
				Sedimentation/Siltation		Low	8.6 Miles	
					Agriculture-grazing			
					Silviculture			
					Highway/Road/Bridge Construction			
5	R	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	51922000					
				Diazinon		High	42 Miles	2003
					Agriculture			
					Urban Runoff/Storm Sewers			
				Group A Pesticides		Low	42 Miles	
					Agriculture			
				Mercury		Medium	42 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
				Unknown Toxicity		Low	42 Miles	
					Source Unknown			
5	R	Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	54400000					
				Chlorpyrifos		Medium	1.6 Miles	
					Urban Runoff/Storm Sewers			
				Diazinon		Medium	1.6 Miles	
				The agricultural source of diazinon for this waterbody is from aerial deposition.				
					Agriculture			
					Urban Runoff/Storm Sewers			
				Organic Enrichment/Low Dissolved Oxygen		Low	1.6 Miles	
					Urban Runoff/Storm Sewers			
				Pathogens		Low	1.6 Miles	
					Other Urban Runoff			
					Recreational and Tourism Activities (non-boating)			
5	R	French Ravine	51632011					
				Bacteria		Low	1.7 Miles	
					Land Disposal			
5	W	Grasslands Marshes	54120000					
				Electrical Conductivity		Low	7962 Acres	
					Agriculture			
5	R	Harding Drain (Turlock Irrigation District Lateral #5)	53550000					
				Ammonia		Low	8.3 Miles	
					Municipal Point Sources			
					Agriculture			
				Chlorpyrifos		Low	8.3 Miles	
					Agriculture			
				Diazinon		Low	8.3 Miles	
					Agriculture			
				Unknown Toxicity		Low	8.3 Miles	
					Agriculture			
5	R	Harley Gulch	51332022					
				Mercury		Medium	6 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	Horse Creek (Rising Star Mine to Shasta Lake)	50610000					
				Cadmium		Low	0.52 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
				Copper		Low	0.52 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
				Lead		Low	0.52 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
				Zinc		Low	0.52 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
5	R	Humbug Creek	51732030					
				Copper		Low	2.2 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
				Mercury		Low	2.2 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
				Sedimentation/Siltation		Low	2.2 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
				Zinc		Low	2.2 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
5	R	Ingram/Hospital Creek	54110000					
				Chlorpyrifos		Low	1 Miles	
					Agricultural Return Flows			
				Diazinon		Low	1 Miles	
					Agricultural Return Flows			
5	R	Jack Slough	51540000					
				Diazinon		Medium	14 Miles	
					Agriculture			
5	R	James Creek	51224010					
				Mercury		Low	6.3 Miles	
				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
				Nickel		Low	6.3 Miles	
				Resource extraction sources are abandoned mines.				
					Resource Extraction			
5	R	Kanaka Creek	51742022					
				Arsenic		Low	9.7 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013					
				Cadmium		Low	135 Acres	
					Resource Extraction			
				Copper		Low	135 Acres	
					Resource Extraction			
				Zinc		Low	135 Acres	
					Resource Extraction			
5	R	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	55190000					
				Electrical Conductivity		Low	36 Miles	
					Agriculture			
				Molybdenum		Low	36 Miles	
					Agriculture			
				Toxaphene		Low	36 Miles	
					Agriculture			
5	R	Little Backbone Creek, Lower	50620010					
				Acid Mine Drainage		Low	0.95 Miles	
					Resource Extraction			
				Cadmium		Low	0.95 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Copper		Low	0.95 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Zinc		Low	0.95 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	Little Cow Creek (downstream from Afterthought Mine)	50733023					
				Cadmium		Low	1.1 Miles	
				Resource extraction sources are abandoned mines.	Resource Extraction			
				Copper		Low	1.1 Miles	
				Resource extraction sources are abandoned mines.	Resource Extraction			
				Zinc		Low	1.1 Miles	
				Resource extraction sources are abandoned mines.	Resource Extraction			
5	R	Little Deer Creek	51720012					
				Mercury		Low	4.1 Miles	
					Resource Extraction			
5	R	Little Grizzly Creek	51854031					
				Copper		Medium	9.4 Miles	
					Mine Tailings			
				Zinc		Medium	9.4 Miles	
					Mine Tailings			
5	R	Lone Tree Creek	53140000					
				Ammonia		Low	15 Miles	
					Dairies			
				Biological Oxygen Demand		Low	15 Miles	
					Dairies			
				Electrical Conductivity		Low	15 Miles	
					Dairies			
5	R	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	54300023					
				Metals		Low	11 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000					
				Mercury		Low	10 Miles	
				All resource extraction sources are abandoned mines.	Resource Extraction			
				Metals		Low	10 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	L	Marsh Creek Reservoir	54300023						
				Mercury		Low	278	Acres	
					Resource Extraction				
5	W	Mendota Pool	55120000						
				Selenium		Low	3045	Acres	
					Agriculture				
					Agricultural Return Flows				
					Groundwater Withdrawal				
					Other				
5	R	Merced River, Lower (McSwain Reservoir to San Joaquin River)	53550000						
				Chlorpyrifos		Medium	50	Miles	
					Agriculture				
				Diazinon		Medium	50	Miles	
					Agriculture				
				Group A Pesticides		Low	50	Miles	
					Agriculture				
5	R	Middle River	54400000						
				Low Dissolved Oxygen		Low	9.7	Miles	
					Hydromodification				
					Source Unknown				
5	R	Mokelumne River, Lower	54400000						
				Copper		Low	29	Miles	
					Resource Extraction				
				Zinc		Low	29	Miles	
					Resource Extraction				
5	R	Mormon Slough (Commerce Street to Stockton Deep Water Channel)	54400000						
				Organic Enrichment/Low Dissolved Oxygen		Low	0.93	Miles	
					Urban Runoff/Storm Sewers				
				Pathogens		Medium	0.93	Miles	
					Urban Runoff/Storm Sewers				
					Recreational and Tourism Activities (non-boating)				
5	R	Mormon Slough (Stockton Diverting Canal to Commerce Street)	53130000						
				Pathogens		Medium	5.2	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	Morrison Creek	51911000					
				Diazinon		High	21 Miles	2003
				The agricultural source of diazinon for these waterbodies is from aerial deposition.				
					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	
				The agricultural source of diazinon for this waterbody is from aerial deposition.				
					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	
				The agricultural source is from aerial deposition.				
					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	
				Historical agricultural use.				
					Agriculture			
				Diazinon		Medium	9.1 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	Orestimba Creek (below Kilburn Road)	54110000					
				Azinphos-methyl		Medium	2.7 Miles	
					Agriculture			
				Chlorpyrifos		Medium	2.7 Miles	
					Agriculture			
				DDE		Low	2.7 Miles	
				Historical agricultural use.				
					Agriculture			
				Diazinon		Medium	2.7 Miles	
					Agriculture			
				Unknown Toxicity		Low	2.7 Miles	
					Agriculture			
5	R	Panoche Creek (Silver Creek to Belmont Avenue)	55112000					
				Mercury		Low	18 Miles	
				All resource extraction sources are abandoned mines.				
					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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Putah Creek, Lower	51120000					
				Mercury		Low	28 Miles	
				Impairment due to Mercury is on lower reach below Lake Solano.				
					Resource Extraction			
					Source Unknown			
5	L	Rollins Reservoir	51634033					
				Mercury		Medium	774 Acres	
					Resource Extraction			
5	R	Sacramento River (Keswick Dam to Cottonwood Creek)	52440014					
				Unknown Toxicity		Low	15 Miles	
					Source Unknown			
5	R	Sacramento River (Cottonwood Creek to Red Bluff)	50810000					
				Unknown Toxicity		Low	16 Miles	
					Source Unknown			
5	R	Sacramento River (Red Bluff to Knights Landing)	50420070					
				Unknown Toxicity		Low	82 Miles	
					Source Unknown			
5	R	Sacramento River (Knights Landing to the Delta)	51000000					
				Diazinon		High	16 Miles	2003
					Agriculture			
				Mercury		Medium	16 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Unknown Toxicity		Low	16 Miles	
					Source Unknown			
5	R	Sacramento Slough	51922000					
				Diazinon		Medium	1.7 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
				Mercury		Low	1.7 Miles	
					Source Unknown			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Salt Slough (upstream from confluence with San Joaquin River)	54120000					
				Boron		Low	17 Miles	
					Agriculture			
				Chlorpyrifos		Low	17 Miles	
					Agriculture			
				Diazinon		Low	17 Miles	
					Agriculture			
				Electrical Conductivity		Low	17 Miles	
					Agriculture			
				Unknown Toxicity		Low	17 Miles	
					Agriculture			
5	R	San Carlos Creek (downstream of New Idria Mine)	55911085					
				Mercury		Low	5.1 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
					Acid Mine Drainage			
5	R	San Joaquin River (Bear Creek to Mud Slough)	53570000					
				Boron		High	14 Miles	2003
					Agriculture			
				Chlorpyrifos		High	14 Miles	2004
					Agriculture			
				DDT		Low	14 Miles	
					Agriculture			
				Diazinon		High	14 Miles	2004
					Agriculture			
				Electrical Conductivity		High	14 Miles	2003
					Agriculture			
				Group A Pesticides		Low	14 Miles	
					Agriculture			
				Mercury		Medium	14 Miles	
					Resource Extraction			
				Unknown Toxicity		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
					Agriculture			
				Chlorpyrifos		High	67 Miles	2004
					Agriculture			
				DDT		Low	67 Miles	
					Agriculture			
				Diazinon		High	67 Miles	2004
					Agriculture			
				Electrical Conductivity		High	67 Miles	2003
					Agriculture			
				Group A Pesticides		Low	67 Miles	
					Agriculture			
				Unknown Toxicity		Low	67 Miles	
					Source Unknown			
5	R	San Joaquin River (Merced River to South Delta Boundary)	54400000					
				Boron		High	43 Miles	2003
					Agriculture			
				Chlorpyrifos		High	43 Miles	2004
					Agriculture			
				DDT		Low	43 Miles	
					Agriculture			
				Diazinon		High	43 Miles	2004
					Agriculture			
				Electrical Conductivity		High	43 Miles	2003
					Agriculture			
				Group A Pesticides		Low	43 Miles	
					Agriculture			
				Mercury		Medium	43 Miles	
					Resource Extraction			
				Unknown Toxicity		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
					Agriculture			
				DDT		Low	3 Miles	
					Agriculture			
				Diazinon		High	3 Miles	2004
					Agriculture			
				Electrical Conductivity		High	3 Miles	2003
					Agriculture			
				Group A Pesticides		Low	3 Miles	
					Agriculture			
				Mercury		Medium	3 Miles	
					Resource Extraction			
				Selenium		Low	3 Miles	
					Agriculture			
				Unknown Toxicity		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	
					Resource Extraction			
				Copper		Low	20 Acres	
					Resource Extraction			
				Zinc		Low	20 Acres	
					Resource Extraction			
5	R	Smith Canal	54400000					
				Organic Enrichment/Low Dissolved Oxygen		Low	2.4 Miles	
					Urban Runoff/Storm Sewers			
				Organophosphorus Pesticides		Medium	2.4 Miles	
					Urban Runoff/Storm Sewers			
				Pathogens		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		Low	7.9 Miles	
					Agriculture			
					Grazing-Related Sources			
					Other			
5	R	Spring Creek, Lower (Iron Mountain Mine to Keswick Reservoir)	52440010					
				Acid Mine Drainage		Low	2.6 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Cadmium		Low	2.6 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Copper		Low	2.6 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Zinc		Low	2.6 Miles	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
5	R	Stanislaus River, Lower	53530000					
				Diazinon		Medium	59 Miles	
					Agriculture			
				Group A Pesticides		Low	59 Miles	
					Agriculture			
				Mercury		Low	59 Miles	
					Resource Extraction			
				Unknown Toxicity		Low	59 Miles	
					Source Unknown			
5	R	Stockton Deep Water Channel, Upper (Port Turning Basin)	54400000					
				Dioxin		Low	3.3 Miles	
				This listing was made by USEPA.				
					Point Source			
				Furan Compounds		Low	3.3 Miles	
					Contaminated Sediments			
				Pathogens		Medium	3.3 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
				PCBs		**Low**	**3.3 Miles**	
				This listing was made by USEPA.				
					Point Source			
5	**R**	**Strong Ranch Slough**	**51921000**					
				Chlorpyrifos		**High**	**6.4 Miles**	**2003**
					Urban Runoff/Storm Sewers			
				Diazinon		**High**	**6.4 Miles**	**2003**
				The agricultural source of diazinon for these waterbodies is from aerial deposition.				
					Agriculture			
					Urban Runoff/Storm Sewers			
5	**R**	**Sulphur Creek (Colusa County)**	**51320024**					
				Mercury		**Medium**	**14 Miles**	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
5	**R**	**Sutter Bypass**	**52030000**					
				Diazinon		**Medium**	**19 Miles**	
					Agriculture			
5	**R**	**Temple Creek**	**53140000**					
				Ammonia		**Low**	**10 Miles**	
					Dairies			
				Electrical Conductivity		**Low**	**10 Miles**	
					Dairies			
5	**R**	**Town Creek**	**50620010**					
				Cadmium		**Low**	**0.98 Miles**	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Copper		**Low**	**0.98 Miles**	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Lead		**Low**	**0.98 Miles**	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
				Zinc		**Low**	**0.98 Miles**	
				All resource extraction sources are abandoned mines.				
					Resource Extraction			
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		Low	23 Miles	
					Agriculture			
					Urban Runoff/Storm Sewers			
					Recreational and Tourism Activities (non-boating)			
6	R	Aspen Creek	63210080					
				Metals		Low	0.93 Miles	
				Affected by acid mine drainage from Leviathan Mine. TMDL to be coordinated with Regional Board /CERCLA remediation programs.				
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint Source			
6	R	Aurora Canyon Creek	63030040					
				Habitat alterations		Low	8.1 Miles	
				Since creek is not impaired by pollutants, a TMDL may not be required under pending revisions to federal regulations.				
					Range Grazing-Riparian and/or Upland			
6	R	Bear Creek (Placer County)	63520010					
				Sedimentation/Siltation		Medium	3 Miles	
				Creek affected by hydrologic modification for ski resort/snow making pond.				
					Hydromodification			
					Nonpoint Source			
6	R	Big Meadow Creek	63410011					
				Pathogens		Low	1.4 Miles	
					Range Grazing-Riparian and/or Upland			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
6	R	Blackwood Creek	63420021					
				Iron		Low	5.9 Miles	
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Nitrogen		**Low**	**5.9 Miles**	
				Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Blackwood Creek.				
					Silviculture			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
					Nonpoint Source			
				Phosphorus		**Low**	**5.9 Miles**	
				Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL for creek may be needed.				
					Grazing-Related Sources			
					Silviculture			
					Resource Extraction			
					Hydromodification			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
				Sedimentation/Siltation		**Medium**	**5.9 Miles**	
				Creek affected by past gravel quarry operations and other watershed disturbance including grazing and timber harvest.				
					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		Medium	11	Miles	
				Affected by drainage from inactive mines, mine tailings in creek.					
					Resource Extraction				
					Mine Tailings				
					Inactive Mining				
					Nonpoint Source				
6	L	Bridgeport Reservoir	63030050						
				Nitrogen		Medium	2614	Acres	
					Grazing-Related Sources				
					Pasture Grazing-Riparian and/or Upland				
					Other Urban Runoff				
					Highway/Road/Bridge Runoff				
					Wastewater - land disposal				
					Flow Regulation/Modification				
					Removal of Riparian Vegetation				
					Streambank Modification/Destabilization				
					Channel Erosion				
					Erosion/Siltation				
					Marinas and Recreational Boating				
					Atmospheric Deposition				
					Internal Nutrient Cycling (primarily lakes)				
					Sediment Resuspension				
					Natural Sources				
					Recreational and Tourism Activities (non-boating)				
				Phosphorus		Medium	2614	Acres	
					Grazing-Related Sources				
					Pasture Grazing-Riparian and/or Upland				
					Other Urban Runoff				
					Highway/Road/Bridge Runoff				
					Wastewater - land disposal				
					Flow Regulation/Modification				
					Removal of Riparian Vegetation				
					Streambank Modification/Destabilization				
					Channel Erosion				
					Erosion/Siltation				
					Marinas and Recreational Boating				
					Atmospheric Deposition				
					Internal Nutrient Cycling (primarily lakes)				
					Natural Sources				
					Recreational and Tourism Activities (non-boating)				

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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		**Medium**	**1.3 Miles**	
				Watershed disturbance in naturally highly erosive watershed.				
					Silviculture			
					Natural Sources			
					Nonpoint Source			
6	**R**	**Bryant Creek**	**63210080**					
				Metals		**Low**	**5.2 Miles**	
				Affected by acid mine drainage from Leviathan Mine. Problem being addressed through RWQCB and CERCLA remediation programs.				
					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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				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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6	R	Carson River, West Fork (Woodfords to Paynesville)	63310012					
				Nitrogen		Low	3.6 Miles	
				Revision of standards may be considered.				
					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)			
				Pathogens		Low	3.6 Miles	
					Pasture Grazing-Riparian and/or Upland			
					Agricultural Return Flows			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
				Sodium		Low	3.6 Miles	
					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)			
6	W	Cinder Cone Springs	63520010					
				Nutrients		Medium	1 Acres	
				Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978). Further monitoring may support delisting.				
					Wastewater - land disposal			

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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**	
				Subsurface drainage from former wastewater disposal area. Has not been monitored routinely in recent years; further monitoring may support delisting.				
					Wastewater - land disposal			
6	**R**	**Clark Canyon Creek**	**63030041**					
				Habitat alterations		**Low**	**5 Miles**	
				Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes in federal regulations.				
					Range Grazing-Riparian and/or Upland			
6	**R**	**Clearwater Creek**	**63040051**					
				Sedimentation/Siltation		**Medium**	**12 Miles**	
				Listed on basis of limited information; additional monitoring may support delisting.				
					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**	
				Creek may be placed on list of waters impaired by pollution and not requiring TMDLs under pending changes to federal regulations.				
					Water Diversions			
6	**L**	**Crowley Lake**	**60310090**					
				Nitrogen		**Medium**	**4861 Acres**	
				TMDL expected to use data from ongoing Section 319-funded study of nutrient loading and salary-savings funded study of internal nutrient cycling.				
					Grazing-Related Sources			
					Atmospheric Deposition			
					Internal Nutrient Cycling (primarily lakes)			
					Natural Sources			
					Nonpoint Source			
				Phosphorus		**Medium**	**4861 Acres**	
				TMDL expected to use data from ongoing Section 319 -funded study of nutrient loading and salary-savings funded study of internal nutrient cycling.				
					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	
				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.			
					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		Low	7.2	Miles	
					Pasture Grazing-Riparian and/or Upland				
					Other Urban Runoff				
					Natural Sources				
					Recreational and Tourism Activities (non-boating)				
6	R	East Walker River, below Bridgeport Reservoir	63030050						
				Nitrogen		Low	8	Miles	
					Grazing-Related Sources				
					Pasture Grazing-Riparian and/or Upland				
					Range Grazing-Riparian and/or Upland				
					Highway/Road/Bridge Runoff				
					Upstream Impoundment				
					Flow Regulation/Modification				
					Streambank Modification/Destabilization				
					Erosion/Siltation				
					Atmospheric Deposition				
					Natural Sources				
				Phosphorus		Low	8	Miles	
					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				
				Sedimentation/Siltation		Low	8	Miles	
					Grazing-Related Sources				
					Highway/Road/Bridge Runoff				
					Urban Runoff--Erosion and Sedimentation				
					Upstream Impoundment				
					Erosion/Siltation				
6	R	General Creek	63420030						
				Iron		Low	9.1	Miles	
					Silviculture				
					Natural Sources				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED		PROPOSED TMDL COMPLETION
				Phosphorus		**Low**	**9.1**	**Miles**	
					Erosion/Siltation				
					Atmospheric Deposition				
					Natural Sources				
6	**R**	**Goodale Creek**	**60330112**						
				Sedimentation/Siltation		**Low**	**12**	**Miles**	
				Potential for delisting following further monitoring.					
					Range Grazing-Riparian and/or Upland				
6	**R**	**Gray Creek (Nevada County)**	**63520052**						
				Sedimentation/Siltation		**Medium**	**2.8**	**Miles**	
				Sediment from disturbance of naturally highly erosive watershed.					
					Silviculture				
					Natural Sources				
					Nonpoint Source				
6	**R**	**Green Creek**	**63030050**						
				Habitat alterations		**Low**	**16**	**Miles**	
				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.					
					Range Grazing-Riparian and/or Upland				
					Hydromodification				
6	**R**	**Green Valley Lake Creek**	**62820000**						
				Priority Organics		**Medium**	**3.8**	**Miles**	
				Priority organics (source unknown) were detected in stream in 1980s; no monitoring since. Stream needs reevaluation to determine need for listing.					
					Source Unknown				
6	**L**	**Haiwee Reservoir**	**62410071**						
				Copper		**High**	**1703**	**Acres**	**2003**
				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.					
					Other				
6	**R**	**Heavenly Valley Creek (source to USFS boundary)**	**63410031**						
				Chloride		**Low**	**2**	**Miles**	
				Chloride standard may be revised.					
					Highway/Road/Bridge Runoff				
					Atmospheric Deposition				
					Natural Sources				
					Source Unknown				

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED		PROPOSED TMDL COMPLETION
				Phosphorus		Low	2	Miles	
					Erosion/Siltation				
					Atmospheric Deposition				
					Natural Sources				
					Recreational and Tourism Activities (non-boating)				
6	R	Heavenly Valley Creek (USFS boundary to Trout Creek)	63410031						
				Chloride		Low	1.4	Miles	
					Highway/Road/Bridge Runoff				
					Atmospheric Deposition				
					Natural Sources				
					Source Unknown				
				Sedimentation/Siltation		Low	1.4	Miles	
					Construction/Land Development				
					Land Development				
					Hydromodification				
					Habitat Modification				
					Recreational and Tourism Activities (non-boating)				
					Nonpoint Source				
6	S	Honey Lake	63710060						
				Arsenic		Low	57756	Acres	
				Arsenic is ultimately from natural sources, but lake is affected by geothermal discharges. Further study needed to determine need for TMDL.					
					Geothermal Development				
					Flow Regulation/Modification				
					Natural Sources				
					Nonpoint Source				
				Salinity/TDS/Chlorides		Low	57756	Acres	
				Further study needed to determine extent of impairment and need for TMDL.					
					Agriculture				
					Agricultural Return Flows				
					Geothermal Development				
					Agricultural Water Diversion				
					Sediment Resuspension				
					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	W	Honey Lake Area Wetlands	63710060					
				Metals		Low	62590 Acres	
				Additional monitoring needed to determine extent of impairment and need for TMDL				
					Agriculture			
					Geothermal Development			
					Natural Sources			
					Nonpoint Source			
6	S	Honey Lake Wildfowl Management Ponds	63720095					
				Flow alterations		Low	665 Acres	
				Ponds may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.				
					Agricultural Water Diversion			
				Metals		Low	665 Acres	
				Further monitoring needed to determine extent of impairment and need for TMDL.				
					Agriculture			
					Geothermal Development			
					Natural Sources			
				Salinity/TDS/Chlorides		Low	665 Acres	
				Further monitoring needed to determine extent of impairment and need for TMDL.				
					Agriculture			
					Geothermal Development			
					Natural Sources			
				Trace Elements		Low	665 Acres	
				Further monitoring needed to determine extent of impairment and need for TMDL.				
					Geothermal Development			
					Nurseries			
6	L	Horseshoe Lake (San Bernardino County)	62820000					
				Sedimentation/Siltation		Medium	31 Acres	
				Further monitoring may permit delisting.				
					Construction/Land Development			
6	R	Hot Springs Canyon Creek	63030042					
				Sedimentation/Siltation		Medium	2.9 Miles	
				Listed on basis of limited data; further monitoring may support delisting.				
					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	R	Indian Creek (Alpine County)	63220010						
				Habitat alterations		Low	13	Miles	
				Creek may be placed on list of water bodies impaired by pollution and not requiring TMDLs if pending revisions to regulations take effect.					
					Agriculture				
					Pasture Grazing-Riparian and/or Upland				
					Agriculture-irrigation tailwater				
					Upstream Impoundment				
					Flow Regulation/Modification				
					Agricultural Water Diversion				
				Pathogens		Low	13	Miles	
					Grazing-Related Sources				
					Pasture Grazing-Riparian and/or Upland				
6	L	Indian Creek Reservoir	63220010						
				Phosphorus		High	164	Acres	2002
				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.					
					Pasture Grazing-Riparian and/or Upland				
					Wastewater				
					Flow Regulation/Modification				
					Erosion/Siltation				
					Internal Nutrient Cycling (primarily lakes)				
6	R	Lassen Creek	63720082						
				Flow alterations		Low	8	Miles	
				Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollution rather than pollutants, and no TMDL would be developed.					
					Flow Regulation/Modification				
6	R	Lee Vining Creek	60100035						
				Flow alterations		Low	9	Miles	
				Under pending revisions to regulations, creek could be placed on a separate list of waters impaired by pollution but not requiring TMDLs.					
					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	Leviathan Creek	63210080					
				Metals		Low	3.2 Miles	
				TMDL development to be coordinated with ongoing Regional Board and CERCLA remediation activities at Leviathan Mine site.				
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Erosion/Siltation			
6	R	Mammoth Creek	60310053					
				Metals		Low	12 Miles	
				Needs monitoring to determine current extent of impairment and need for TMDL.				
					Other Urban Runoff			
					Natural Sources			
					Nonpoint Source			
6	R	Mill Creek (Modoc County)	64130011					
				Sedimentation/Siltation		Low	4.2 Miles	
				Creek needs monitoring to determine current extent of impairment and need for TMDL.				
					Range Grazing-Riparian and/or Upland			
6	R	Mill Creek (Mono County)	60100080					
				Flow alterations		Low	12 Miles	
				Under pending revisions to regulations, creek could be placed on a separate list of water bodies impaired by pollution and not requiring TMDLs.				
					Water Diversions			
6	R	Monitor Creek	63210070					
				Aluminum		Low	4 Miles	
				TMDL to be coordinated with CERCLA remediation.				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
				Iron		Low	4 Miles	
				TMDL to be coordinated with CERCLA remediation.				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Manganese		**Low**	**4 Miles**	
				TMDL to be coordinated with CERCLA remediation.				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
				Silver		**Low**	**4 Miles**	
				TMDL to be coordinated with CERCLA remediation.				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint Source			
				Sulfates		**Low**	**4 Miles**	
				TMDL to be coordinated with CERCLA remediation.				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Nonpoint/Point Source			
				Total Dissolved Solids		**Low**	**4 Miles**	
				TMDL to be coordinated with CERCLA remediation.				
					Mill Tailings			
					Mine Tailings			
					Acid Mine Drainage			
					Inactive Mining			
					Natural Sources			
					Nonpoint/Point Source			
6	**R**	**Owens River (Long HA)**	**60310090**					
				Habitat alterations		**Low**	**26 Miles**	
				River may be placed on separate list of waters impaired by pollution and not needing TMDLS under pending changes to federal regulations.				
					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		Low	53 Miles	
				River may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations.				
					Agriculture			
					Hydromodification			
6	R	Owens River (Upper)	60320000					
				Habitat alterations		Low	69 Miles	
				River may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.				
					Agriculture			
					Hydromodification			
6	R	Pine Creek (Lassen County)	63720010					
				Sedimentation/Siltation		Low	55 Miles	
				Creek may be placed on seperate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations.				
					Grazing-Related Sources			
					Silviculture			
					Highway/Road/Bridge Construction			
					Hydromodification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destabilization			
					Erosion/Siltation			
6	L	Pleasant Valley Reservoir	60320000					
				Organic Enrichment/Low Dissolved Oxygen		Medium	99 Acres	
					Flow Regulation/Modification			
					Nonpoint Source			
6	R	Robinson Creek (Hwy 395 to Bridgeport Res)	63030050					
				Pathogens		Low	1.8 Miles	
					Pasture Grazing-Riparian and/or Upland			
					Agricultural Return Flows			
					Onsite Wastewater Systems (Septic Tanks)			
					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
6	R	Robinson Creek (Twin Lakes to Hwy 395)	63030050					
				Pathogens		Low	9.1 Miles	
					Pasture Grazing-Riparian and/or Upland			
					Onsite Wastewater Systems (Septic Tanks)			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
6	R	Rough Creek	63020013					
				Habitat alterations		Low	15 Miles	
				Creek may be placed on list of waters impaired by pollution and not needing TMDLs under pending changes to federal regulations.				
					Range Grazing-Riparian and/or Upland			
6	R	Skedaddle Creek	63710054					
				High Coliform Count		Medium	18 Miles	
				USBLM program to mitigate grazing impacts has been implemented. Further study may lead to delisting.				
					Range Grazing-Riparian and/or Upland			
6	R	Squaw Creek	63520011					
				Sedimentation/Siltation		Medium	5.8 Miles	
					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			
6	R	Susan River	63720095					
				Unknown Toxicity		Low	58 Miles	
					Source Unknown			
6	R	Swauger Creek	63040012					
				Pathogens		Low	14 Miles	
					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)			

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

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

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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		Low	0.78 Miles	
					Urban Runoff--Non-industrial Permitted			
					Erosion/Siltation			
					Natural Sources			
				Nitrogen		Low	0.78 Miles	
				Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.				
					Urban Runoff--Non-industrial Permitted			
					Erosion/Siltation			
					Atmospheric Deposition			
				Pathogens		Low	0.78 Miles	
					Pasture Grazing-Riparian			
					Natural Sources			
					Recreational and Tourism Activities (non-boating)			
					Transient encampments			
				Phosphorus		Low	0.78 Miles	
				Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Trout Creek.				
					Urban Runoff--Non-industrial Permitted			
					Erosion/Siltation			
					Atmospheric Deposition			
6	R	Truckee River	63510010					
				Sedimentation/Siltation		Medium	39 Miles	
				Watershed disturbance including ski resorts, silvicultural activities, urban development, reservoir construction and management; highly erosive subwatersheds.				
					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			
6	R	Truckee River, Upper (above Christmas Valley)	63410010					
				Iron		Low	4.5 Miles	
					Natural Sources			

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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**	
				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.				
					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**	
				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.				
					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**	
				Creek may be placed on separate list of waters impaired by pollution and not needing TMDLs under pending changes in federal regulations.				
					Range Grazing-Riparian and/or Upland			

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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		Low	26 Acres	
				Monitoring needed to confirm extent of impairment and need for TMDL.				
					Agriculture			
					Grazing-Related Sources			
					Construction/Land Development			
					Land Development			
					Other Urban Runoff			
					Atmospheric Deposition			
				Phosphorus		Low	26 Acres	
				Monitoring needed to confirm degree of impairment and need for TMDL.				
					Agriculture			
					Grazing-Related Sources			
					Construction/Land Development			
					Land Development			
					Other Urban Runoff			
6	R	Ward Creek	63420020					
				Iron		Low	5.7 Miles	
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
				Nitrogen		Low	5.7 Miles	
				Nitrogen loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek.				
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			

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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**	
				Phosphorus loading from creek to be addressed during development of Lake Tahoe TMDL, but a more specific TMDL may be needed for Ward Creek.				
					Silviculture			
					Other Urban Runoff			
					Highway/Road/Bridge Runoff			
					Urban Runoff--Erosion and Sedimentation			
					Channel Erosion			
					Erosion/Siltation			
					Atmospheric Deposition			
					Natural Sources			
				Sedimentation/Siltation		**Medium**	**5.7 Miles**	
				The University of California Davis Tahoe Research Group is currently researching sediment sources in the Ward Creek watershed.				
					Silviculture			
					Land Development			
					Urban Runoff/Storm Sewers			
					Highway/Road/Bridge Runoff			
					Channel Erosion			
					Nonpoint Source			
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**	
				Pesticides may be contained in agricultural return flows. Elevated fish tissue levels. Toxic bioassay results.				
					Agricultural Return Flows			
				Selenium		**Low**	**57 Miles**	
				Selenium originates from Upper Basin Portion of Colorado River. Elevated fish tissue levels.				
					Agricultural Return Flows			

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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		Medium	69 Miles	
					Source Unknown			
7	R	Imperial Valley Drains	72310000					
				Pesticides		Low	1222 Miles	
				Elevated fish tissue levels and toxic bioassay results				
					Agricultural Return Flows			
				Sedimentation/Siltation		High	1222 Miles	2004
					Agricultural Return Flows			
				Selenium		Low	1222 Miles	
				Selenium originates from Upper basin Portion of colorado River. Elevated fish tissue levels.				
					Agricultural Return Flows			
7	R	New River (Imperial)	72310000					
				1,2,4-trimethylbenzene		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			
				Chloroform		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			
				m,p,-Xylenes		Low	66 Miles	
					Industrial Point Sources			
					Out-of-state source			
				Nutrients		Low	66 Miles	
				Regional Board proposes to establish TMDL in cooperation with U.S. EPA and Mexico.				
					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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED		PROPOSED TMDL COMPLETION
				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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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				PCBs (tissue)		**Low**	**402 Acres**	
				This listing was made by USEPA.				
					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**	
				This listing was made by USEPA.				
					Source Unknown			
				Nickel		**Low**	**2.6 Miles**	
				This listing was made by USEPA.				
					Source Unknown			
8	**R**	**Buck Gully Creek**	**80111000**					
				Fecal Coliform		**Low**	**0.3 Miles**	
				Listing is downstream of Pacific Coast Highway.				
					Source Unknown			
				Total Coliform		**Low**	**0.3 Miles**	
				Listing is downstream of Pacific Coast Highway.				
					Source Unknown			
8	**L**	**Canyon Lake (Railroad Canyon Reservoir)**	**80211000**					
				Nutrients		**Low**	**453 Acres**	
					Nonpoint Source			
				Pathogens		**Low**	**453 Acres**	
					Nonpoint Source			

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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		Medium	7.8 Miles	
					Agriculture			
					Dairies			
				Pathogens		High	7.8 Miles	2004
					Agriculture			
					Dairies			
					Urban Runoff/Storm Sewers			
8	R	Chino Creek Reach 2	80121000					
				High Coliform Count		Medium	2.5 Miles	
					Unknown Nonpoint Source			
8	R	Cucamonga Creek, Valley Reach	80121000					
				High Coliform Count		High	9.6 Miles	2004
					Unknown Nonpoint Source			
8	L	Elsinore, Lake	80231000					
				Nutrients		High	2431 Acres	2003
					Unknown Nonpoint Source			
				Organic Enrichment/Low Dissolved Oxygen		High	2431 Acres	2004
					Unknown Nonpoint Source			
				Sedimentation/Siltation		High	2431 Acres	2003
					Urban Runoff/Storm Sewers			
				Unknown Toxicity		High	2431 Acres	2004
					Unknown Nonpoint Source			
8	L	Fulmor, Lake	80221000					
				Pathogens		Low	4.2 Acres	
					Unknown Nonpoint Source			
8	R	Grout Creek	80171000					
				Metals		Medium	3.5 Miles	
					Unknown Nonpoint Source			
				Nutrients		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	
				This listing was made by USEPA.				
					Source Unknown			
				Dieldrin (tissue)		Low	221 Acres	
				This listing was made by USEPA.				
					Source Unknown			
				Nickel		Low	221 Acres	
				This listing was made by USEPA.				
					Source Unknown			
				Pathogens		Low	221 Acres	
					Urban Runoff/Storm Sewers			
				PCBs (tissue)		Low	221 Acres	
				This listing was made by USEPA.				
					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	
				Listing is downstream of Pacific Coast Highway.				
					Source Unknown			
				Total Coliform		Low	0.19 Miles	
				Listing is downstream of Pacific Coast Highway.				
					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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8	R	Mill Creek Reach 1	80156000					
				Pathogens		Low	12 Miles	
					Unknown Nonpoint Source			
8	R	Mill Creek Reach 2	80158000					
				Pathogens		Low	12 Miles	
					Unknown Nonpoint Source			
8	R	Mountain Home Creek	80158000					
				Pathogens		Low	3.7 Miles	
					Unknown Nonpoint Source			
8	R	Mountain Home Creek, East Fork	80158000					
				Pathogens		Low	5.1 Miles	
					Unknown Nonpoint Source			
8	B	Newport Bay, Lower	80114000					
				Metals		Medium	767 Acres	
					Urban Runoff/Storm Sewers			
					Contaminated Sediments			
					Boatyards			
				Pesticides		High	767 Acres	2003
					Agriculture			
					Contaminated Sediments			
				Priority Organics		Medium	767 Acres	
					Contaminated Sediments			
					Unknown Nonpoint Source			
8	E	Newport Bay, Upper (Ecological Reserve)	80111000					
				Metals		Medium	653 Acres	
					Urban Runoff/Storm Sewers			
				Pesticides		High	653 Acres	2003
					Agriculture			
					Unknown Nonpoint Source			
8	L	Prado Park Lake	80121000					
				Nutrients		Low	90 Acres	
					Nonpoint Source			
				Pathogens		High	90 Acres	2004
					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	Rathbone (Rathbun) Creek	80171000					
				Nutrients		High	4.7 Miles	2004
					Snow skiing activities			
					Unknown Nonpoint Source			
				Sedimentation/Siltation		High	4.7 Miles	2004
					Snow skiing activities			
					Unknown Nonpoint Source			
8	R	San Diego Creek Reach 1	80111000					
				Fecal Coliform		Low	7.8 Miles	
					Urban Runoff/Storm Sewers			
					Other Urban Runoff			
				Pesticides		High	7.8 Miles	2003
					Unknown Nonpoint Source			
8	R	San Diego Creek Reach 2	80111000					
				Metals		Medium	6.3 Miles	
					Urban Runoff/Storm Sewers			
				Unknown Toxicity		Low	6.3 Miles	
					Unknown Nonpoint Source			
8	R	Santa Ana River, Reach 3	80121000					
				Pathogens		High	26 Miles	2004
					Dairies			
8	R	Santa Ana River, Reach 4	80127000					
				Pathogens		Low	14 Miles	
					Nonpoint Source			
8	R	Santiago Creek, Reach 4	80112000					
				Salinity/TDS/Chlorides		Low	9.8 Miles	
					Source Unknown			
8	C	Seal Beach	80111000					
				Enterococci		Low	0.53 Miles	
				Impaired 50 yards around drain at 1st Street.				
					Source Unknown			
8	R	Silverado Creek	80112000					
				Pathogens		Low	11 Miles	
					Unknown Nonpoint Source			
				Salinity/TDS/Chlorides		Low	11 Miles	
					Unknown 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	Summit Creek	80171000						
				Nutrients		High	1.5	Miles	2004
					Construction/Land Development				
9	R	Agua Hedionda Creek	90431000						
				Total Dissolved Solids		Low	7	Miles	
					Urban Runoff/Storm Sewers				
					Unknown Nonpoint Source				
					Unknown point source				
9	E	Agua Hedionda Lagoon	90431000						
				Bacteria Indicators		Low	6.8	Acres	
					Nonpoint/Point Source				
				Sedimentation/Siltation		Low	6.8	Acres	
					Nonpoint/Point Source				
9	R	Aliso Creek	90113000						
				Bacteria Indicators		Medium	19	Miles	
					Urban Runoff/Storm Sewers				
					Unknown point source				
					Nonpoint/Point Source				
				Phosphorus		Low	19	Miles	
				Impairment located at lower 4 miles.					
					Urban Runoff/Storm Sewers				
					Unknown Nonpoint Source				
					Unknown point source				
				Toxicity		Low	19	Miles	
					Urban Runoff/Storm Sewers				
					Unknown Nonpoint Source				
					Unknown point source				
9	E	Aliso Creek (mouth)	90113000						
				Bacteria Indicators		Medium	0.29	Acres	
					Nonpoint/Point Source				
9	E	Buena Vista Lagoon	90421000						
				Bacteria Indicators		Low	202	Acres	
					Nonpoint/Point Source				
				Nutrients		Low	202	Acres	
				Estimated size of impairment is 150 acres located in upper portion of lagoon.					
					Nonpoint/Point Source				
				Sedimentation/Siltation		Medium	202	Acres	
					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	Chollas Creek	90822000					
				Bacteria Indicators		Medium	1.2 Miles	
					Nonpoint/Point Source			
				Cadmium		High	1.2 Miles	2004
					Nonpoint/Point Source			
				Copper		High	1.2 Miles	2004
					Nonpoint/Point Source			
				Diazinon		High	1.2 Miles	2002
					Nonpoint/Point Source			
				Lead		High	1.2 Miles	2004
					Nonpoint/Point Source			
				Zinc		High	1.2 Miles	2004
					Nonpoint/Point Source			
9	R	Cloverdale Creek	90532000					
				Phosphorus		Low	1.2 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Total Dissolved Solids		Low	1.2 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	B	Dana Point Harbor	90114000					
				Bacteria Indicators		Medium	119 Acres	
				Impairment located at Baby Beach.				
					Urban Runoff/Storm Sewers			
					Marinas and Recreational Boating			
					Unknown Nonpoint Source			
					Unknown point source			
9	E	Famosa Slough and Channel	90711000					
				Eutrophic		Low	32 Acres	
					Nonpoint Source			

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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		Low	0.92 Miles	
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Forester Creek	90712000					
				Fecal Coliform		Medium	6.4 Miles	
				Impairment Located at lower 1 mile.				
					Urban Runoff/Storm Sewers			
					Spills			
					Unknown Nonpoint Source			
					Unknown point source			
				pH		Low	6.4 Miles	
				Impairment Located at upper 3 miles.				
					Industrial Point Sources			
					Habitat Modification			
					Spills			
					Unknown Nonpoint Source			
					Unknown point source			
				Total Dissolved Solids		Low	6.4 Miles	
				Impairment Located at lower 1 mile.				
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Green Valley Creek	90511000					
				Sulfates		Low	1.2 Miles	
					Urban Runoff/Storm Sewers			
					Natural Sources			
					Unknown Nonpoint Source			
					Unknown point source			
9	L	Guajome Lake	90311000					
				Eutrophic		Low	33 Acres	
					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	L	Hodges, Lake	90521000					
				Color		Low	1104 Acres	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Nitrogen		Low	1104 Acres	
					Agriculture			
					Dairies			
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Phosphorus		Low	1104 Acres	
					Agriculture			
					Dairies			
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Total Dissolved Solids		Low	1104 Acres	
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					Natural Sources			
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Kit Carson Creek	90521000					
				Total Dissolved Solids		Low	0.99 Miles	
					Agricultural Return Flows			
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					Unknown Nonpoint Source			
					Unknown point source			
9	E	Loma Alta Slough	90410000					
				Bacteria Indicators		Low	8.2 Acres	
					Nonpoint Source			
				Eutrophic		Low	8.2 Acres	
					Nonpoint Source			
9	E	Los Penasquitos Lagoon	90610000					
				Sedimentation/Siltation		Low	469 Acres	
					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	B	Mission Bay	90640000						
				Bacteria Indicators		Medium	2032	Acres	
				Impairment located along entire bay shoreline.					
					Nonpoint/Point Source				
				Eutrophic		Low	2032	Acres	
				Estimated area of impairment of 0.5 acres located at mouth of Rose Creek and 0.5 acres located at mouth of Tecolote Creek.					
					Nonpoint/Point Source				
				Lead		Low	2032	Acres	
				Estimated area of impairment of 0.5 acres located at mouth of Rose Creek and 0.5 acres located at mouth of Tecolote Creek.					
					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		Medium	0.65	Miles	
				Impairment located at Laguna Beach at Lagunita Place / Blue Lagoon Place, Aliso Beach.					
					Nonpoint/Point Source				
9	C	Pacific Ocean Shoreline, Buena Vista Creek HA	90421000						
				Bacteria Indicators		Low	1.2	Miles	
				Impairment located at Buena Vista Creek, Carlsbad City Beach at Carlsbad Village Drive, Carlsbad State Beach at Pine Avenue.					
					Nonpoint/Point Source				
9	C	Pacific Ocean Shoreline, Dana Point HSA	90114000						
				Bacteria Indicators		Medium	2	Miles	
				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.					
					Nonpoint/Point Source				
9	C	Pacific Ocean Shoreline, Escondido Creek HA	90461000						
				Bacteria Indicators		Low	0.44	Miles	
				Impairment located at San Elijo Lagoon outlet.					
					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, Laguna Beach HSA	90112000					
				Bacteria Indicators		Medium	1.8 Miles	
				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.				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Loma Alta HA	90410000					
				Bacteria Indicators		Low	1.1 Miles	
				Impairment located at Loma Alta Creek Mouth.				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Lower San Juan HSA	90120000					
				Bacteria Indicators		Medium	1.2 Miles	
				Impairment located at North Beach Creek, San Juan Creek (large outlet), Capistrano Beach, South Capistrano Beach at Beach Road.				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Miramar Reservoir HA	90610000					
				Bacteria Indicators		Low	0.39 Miles	
				Impairment located at Torrey Pines State Beach at Del Mar (Anderson Canyon).				
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	C	Pacific Ocean Shoreline, San Clemente HA	90130000					
				Bacteria Indicators		Medium	3.7 Miles	
				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.				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, San Diego HU	90711000					
				Bacteria Indicators		Medium	0.37 Miles	
				Impairment located at San Diego River Mouth (aka Dog Beach).				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, San Diequito HU	90511000					
				Bacteria Indicators		Low	0.86 Miles	
				Impairment located at San Dieguito Lagoon Mouth, Solana Beach.				
					Nonpoint/Point Source			

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9	C	Pacific Ocean Shoreline, San Joaquin Hills HSA	90111000					
				Bacteria Indicators		Low	0.63 Miles	
				Impairment located at Cameo Cove at Irvine Cove Dr./Riviera Way, Heisler Park-North				
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	C	Pacific Ocean Shoreline, San Luis Rey HU	90311000					
				Bacteria Indicators		Low	0.49 Miles	
				Impairment located at San Luis Rey River Mouth.				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, San Marcos HA	90451000					
				Bacteria Indicators		Low	0.5 Miles	
				Impairment located at Moonlight State Beach.				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Scripps HA	90630000					
				Bacteria Indicators		Medium	3.9 Miles	
				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.				
					Nonpoint/Point Source			
9	C	Pacific Ocean Shoreline, Tijuana HU	91111000					
				Bacteria Indicators		Low	3 Miles	
				Impairment located from the border, extending north along the shore.				
					Nonpoint/Point Source			
9	R	Pine Valley Creek (Upper)	91141000					
				Enterococci		Medium	2.9 Miles	
					Grazing-Related Sources			
					Concentrated Animal Feeding Operations (permitted, point source)			
					Transient encampments			
9	R	Prima Deshecha Creek	90130000					
				Phosphorus		Low	1.2 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			

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

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9	C	San Diego Bay Shoreline, Chula Vista Marina	90912000					
				Bacteria Indicators		Low	0.41 Miles	
					Urban Runoff/Storm Sewers			
					Marinas and Recreational Boating			
					Boatyards			
					Boat Discharges/Vessel Wastes			
9	B	San Diego Bay Shoreline, Downtown Anchorage	90821000					
				Benthic Community Effects		Medium	7.4 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	7.4 Acres	
					Nonpoint/Point Source			
9	C	San Diego Bay Shoreline, G Street Pier	90821000					
				Bacteria Indicators		Low	0.42 Miles	
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
9	B	San Diego Bay Shoreline, near Chollas Creek	90822000					
				Benthic Community Effects		Medium	15 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	15 Acres	
					Nonpoint/Point Source			
9	B	San Diego Bay Shoreline, near Coronado Bridge	90822000					
				Benthic Community Effects		Medium	37 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	37 Acres	
				Includes Crosby Street/Cesar Chavez Park area, that will receive additional monitoring.				
					Nonpoint/Point Source			
9	B	San Diego Bay Shoreline, near sub base	90810000					
				Benthic Community Effects		Medium	16 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	16 Acres	
					Nonpoint/Point Source			

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9	B	San Diego Bay Shoreline, near Switzer Creek	90821000					
				Chlordane		Medium	5.5 Acres	
					Urban Runoff/Storm Sewers			
					Other			
					Boatyards			
					Nonpoint/Point Source			
				Lindane		Medium	5.5 Acres	
					Urban Runoff/Storm Sewers			
					Other			
					Boatyards			
					Nonpoint/Point Source			
				PAHs		Medium	5.5 Acres	
					Urban Runoff/Storm Sewers			
					Other			
					Boatyards			
					Nonpoint/Point Source			
9	B	San Diego Bay Shoreline, North of 24th Street Marine Terminal	90832000					
				Benthic Community Effects		Medium	9.5 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	9.5 Acres	
					Nonpoint/Point Source			
9	B	San Diego Bay Shoreline, Seventh Street Channel	90831000					
				Benthic Community Effects		Medium	9 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	9 Acres	
					Nonpoint/Point Source			
9	C	San Diego Bay Shoreline, Shelter Island Shoreline Park	90810000					
				Bacteria Indicators		Low	0.42 Miles	
					Unknown Nonpoint Source			
					Unknown point source			
9	C	San Diego Bay Shoreline, Tidelands Park	91010000					
				Bacteria Indicators		Low	0.38 Miles	
					Unknown Nonpoint Source			
					Unknown 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
9	B	San Diego Bay Shoreline, Vicinity of B St and Broadway Piers	90821000					
				Bacteria Indicators		Low	9.9 Acres	
				Estimated size of impairment is 0.4 miles around the shoreline of the bay.				
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Benthic Community Effects		Medium	9.9 Acres	
					Nonpoint/Point Source			
				Sediment Toxicity		Medium	9.9 Acres	
					Nonpoint/Point Source			
9	B	San Diego Bay, Shelter Island Yacht Basin	90810000					
				Copper, Dissolved		High	153 Acres	2003
					Nonpoint/Point Source			
9	R	San Diego River (Lower)	90711000					
				Fecal Coliform		Low	12 Miles	
				Lower 6 miles.				
					Urban Runoff/Storm Sewers			
					Wastewater			
					Nonpoint/Point Source			
				Low Dissolved Oxygen		Low	12 Miles	
				Impairment transcends adjacent Calwater wtareshed 90712.				
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Phosphorus		Low	12 Miles	
				Impairment transcends adjacent Calwater watershed 90712.				
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Total Dissolved Solids		Low	12 Miles	
				Impairment transcends adjacent Calwater watershed 90712.				
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					Natural Sources			
					Unknown Nonpoint Source			
					Unknown 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
9	E	San Elijo Lagoon	90461000					
				Bacteria Indicators		Low	566 Acres	
				Estimated size of impairment is 150 acres.				
					Nonpoint/Point Source			
				Eutrophic		Low	566 Acres	
				Estimated size of impairment is 330 acres.				
					Nonpoint/Point Source			
				Sedimentation/Siltation		Medium	566 Acres	
				Estimated size of impairment is 150 acres.				
					Nonpoint/Point Source			
9	R	San Juan Creek	90120000					
				Bacteria Indicators		Medium	1 Miles	
					Nonpoint/Point Source			
9	E	San Juan Creek (mouth)	90120000					
				Bacteria Indicators		Medium	6.3 Acres	
					Nonpoint/Point Source			
9	R	San Luis Rey River	90311000					
				Chloride		Low	19 Miles	
				Impairment located at lower 13 miles.				
					Urban Runoff/Storm Sewers			
					Unknown Nonpoint Source			
					Unknown point source			
				Total Dissolved Solids		Low	19 Miles	
					Industrial Point Sources			
					Agriculture-storm runoff			
					Urban Runoff/Storm Sewers			
					Surface Mining			
					Flow Regulation/Modification			
					Natural Sources			
					Golf course activities			
					Unknown Nonpoint Source			
					Unknown point source			
9	R	Sandia Creek	90222000					
				Total Dissolved Solids		Low	1.5 Miles	
					Urban Runoff/Storm Sewers			
					Flow Regulation/Modification			
					Natural Sources			
					Unknown Nonpoint Source			
					Unknown point source			

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Approved by USEPA: July 2003

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
9	E	Santa Margarita Lagoon	90211000					
				Eutrophic		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			

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

Approved by USEPA: July 2003

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

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Approved by USEPA: July 2003

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Thallium		Low	1319 Acres	
				Estimated size of impairment is 1 acre.				
					Nonpoint/Point Source			
				Trash		Low	1319 Acres	
				Estimated size of impairment is 1 acre.				
					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/Reserviors
R =	Rivers and Streams
S =	Saline Lakes
T =	Wetlands, Tidal
W=	Wetlands, Freshwater

CALWATER WATERSHED

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

GROUP A PESTICIDES OR CHEM A

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

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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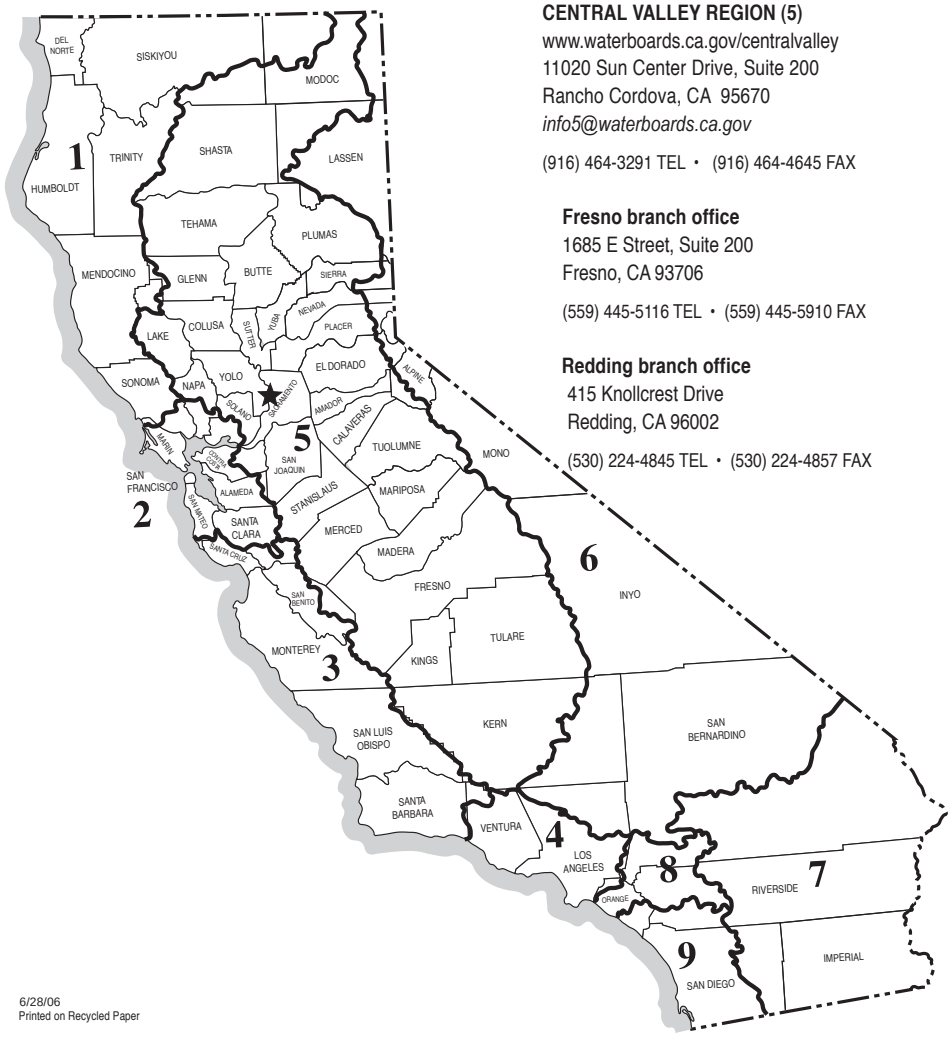

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