1998 CALIFORNIA 305(b) REPORT ON WATER QUALITY

Prepared As Required By

FEDERAL CLEAN WATER ACT SECTION 305(b)

STATE WATER RESOURCES CONTROL BOARD

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TABLE OF CONTENTS

LIST OF TABLES

I. INTRODUCTION

Every two years, the State Water Resources Control Board (SWRCB) submits a report on the State's water quality to the U.S. Environmental Protection Agency (U.S. EPA) pursuant to Section 305(b) of the Federal Clean Water Act. The report provides water quality information to the general public and serves as the basis for the U.S. EPA's 1998 National Water Quality Inventory Report to Congress. Water quality assessment information from California's nine Regional Water Quality Control Boards (RWQCBs) has been compiled and presented in the terminology and tables requested in the U.S. EPA's 1998 305(b) Guidelines.

The 1998 California 305(b) Report on Water Quality [305(b) Report] is presented in three sections titled Background, Surface Water Assessment, and Ground Water Assessment. Information on total waters assessed is presented in the Background section. The Surface Water Assessment section presents tables for the summary of designated use support, individual beneficial use support, the major causes and sources impacting designated beneficial uses, and the public health concerns related to elevated levels of toxicants, fish consumption advisories, and numbers of beach closures. This section also contains a discussion on surface water monitoring programs and a plan for achieving comprehensive assessments. For the Ground Water Assessment section, tables are presented for causes and sources impacting the beneficial uses of ground water for individual water bodies as well as statewide totals.

Assessment information used for compiling and reporting the 305(b) report is contained in the U.S. EPA's Water body System (WBS) database, structured for the purpose of producing the 305(b) Report. Gaining a spatial and temporal understanding of California's water quality is a continual process. Use of the WBS database enhances the State's assessment capabilities by tracking assessment decisions made for individual water bodies. It should be noted that not all water bodies in the State have been catalogued into the WBS database. Table 1 presents the extent of information in the WBS database.

In the last two years an effort to georeference California's WBS database revealed that the data often lacked spatial information as to which portions of a particular water body had beneficial use impairments. To remedy this, the State of California has developed an ArcView interface to the WBS, called the GeoWBS. This program

TABLE 1. WATER BODY COVERAGE IN THE WBS DATABASE

WATER BODY TYPE	TOTAL AREAL EXTENT IN CA	AREAL EXTENT OF WATER BODIES IN WBS[a]	AREAL EXTENT OF ASSESSED WATER BODIES IN WBS	NO. OF WATER BODIES ASSESSED	PERCENT OF TOTAL AREAL EXTENT ASSESSED
Bays and Harbors (acres)	Not Available	515,338	497,036	45	Not Available
Coastal Shoreline (miles)	1,609[b]	1,092	919	114	57
Estuaries (acres)	Not Available	104,601	78,931	54	Not Available
Ground Water (sq miles)	Not Available	82,011	63,581	352	Not Available
Lakes/Reservoirs (acres)	1,672,684[b]	859,336	741,482	303	44
Ocean and Open Bay (acres)	Not Available	319,835	317,496	25	Not Available
Rivers/Streams (miles)	211,513[b]	24,545	17,479	783	7
Saline Lakes (acres)	Not Available	436,242	432,908	11	Not Available
Wetlands, Freshwater (acres)	Not Available	149,518	67,104	85	Not Available
Wetlands, Tidal (acres)	Not Available	126,294	71,104	8	Not Available

a = Includes water bodies with a condition rating of unknown.

b = Estimates obtained from the 1994 U.S. EPA Reach File 3/Digital Line Graph data. Estimates were not updated for 1998. Lake estimates are for perennial and intermittent lakes.

allows users to spatially define water bodies using ArcView 3.0, based on the following data coverages: River Reach File Version 3 (RF3) for rivers and shoreline, a lake's coverage from the California Department of Fish and Game which nests with RF3, and a ground water basin coverage from SWRCB. In addition the program provides RWQCBs the ability to geographically define water bodies for those types of water bodies where no existing statewide coverage exists (e.g., wetlands, bays and harbors). SWRCB and RWQCB staff were trained in the use of the GeoWBS in May 1998, and they will begin using this system to meet the Section 305(b) electronic reporting requirements starting in 1999.

II. BACKGROUND

A. Total Surface Waters

Most of the data presented in Table 2 are from the RF3 computerized database and the U.S. Geological Survey Digital Line Graph traces. These databases do not estimate acreage for California estuaries, harbors, bays, or wetlands. Instead, the estimates shown in Table 2 for these water bodies are obtained from the SWRCB's WBS database, and therefore only reflect those water bodies assessed and not total waters.

TABLE 2. ATLAS INFORMATION

TOPIC	VALUE
1998 State Population Estimate[1]	33,252,000
State Surface Area in Square Miles[2]	158,693
Number of Water Basins[3]	12
Total Miles of Rivers and Streams[2]	211,513
– Perennial River Miles (Subset)[2]	64,438
– Intermittent Stream Miles (Subset)[2]	124,615
– Ditch and Canal Miles (Subset)[2]	22,059
– Border Miles of Shared River/Streams (Subset)[2]	401
Number of Lakes/Reservoirs/Ponds[2]	10,141
Acres of Lakes/Reservoirs/Ponds[2]	1,672,684
Acres of Saline Lakes[3]	436,242
Acres of Estuaries/Harbors/Bays[3]	619,939
Miles of Ocean Shoreline[2]	1,609
Acres of Wetlands[3]	275,811

[1] The State population estimate is calculated annually by the California Department of Finance Demographic Unit.

[2] Estimates obtained from the 1994 U.S. EPA Reach File Version 3/Digital Line Graph data. Estimates were not updated for 1998. Lake estimates are for perennial and intermittent lakes.

[3] Estimates of estuaries, harbors and bays, saline lakes, and wetlands tabulated from the SWRCB's 1998 WBS database.

B. Regional Overview

California is divided into hydrological regions that form the boundaries for the nine RWQCBs. The mission of the RWQCBs is to develop and enforce water quality objectives and implementation plans which best protect area waters at the regional level. This is a challenging task which must recognize local differences in climate, topography, geology, and hydrology. Additionally, the RWQCBs must consider all the competing uses of their region's water including the needs of the environment, industry, agriculture, and municipal districts.

The foundation for pollution control in each region is its "Basin Plan" which identifies the region's water bodies, their beneficial uses (Appendix I), objectives to protect those uses, and a plan to achieve those objectives.

The RWQCBs issue waste discharge requirements and permits to control discharges to surface water, ground water, or wetlands from both point and nonpoint sources; enforce pollution control requirements; take action against violators; and monitor water quality.

The following regional overview is adapted from the SWRCB and RWQCBs Biennial Report, 1995-1996. Each section includes a brief description with a summary of information on the RWQCB's water quality challenges and accomplishments.

North Coast Region (Region 1)

Remote wilderness and towering redwoods characterize the North Coast Region, which stretches from the Oregon border to Marin County. A land of wet coastal mountains and drier valleys, it accounts for just 15 percent of the State's land area, but 40 percent of its freshwater runoff. Its 320-mile-long coastline includes numerous estuaries and several environmentally sensitive areas protected by State law.

Recreation and tourism are mainstays of the local economy as are timber harvesting and commercial and sport fishing. The area's population centers around Humboldt Bay and Santa Rosa, headquarters for the RWQCB.

Challenges

- Preserve the region's excellent surface waters by developing and implementing the Watershed Management Initiative. The Russian River and Klamath River watersheds are the first to be addressed by the initiative.
- Pursue efforts to control nonpoint source pollution, including logging and agriculture, by seeking and obtaining cooperation of local stakeholders.
- Control the use of herbicides on forested lands, a contentious public issue, by continuing outreach efforts and collaboratively encouraging the use of Best Management Practices.

Accomplishments

- Implemented the Russian River Action Plan which requires dischargers to meet high standards and prohibits wastewater discharges into the river during low-flow conditions. Large portions of the annual

wastewater treatment plant effluent are recycled. Effluent is discharged to the Russian River only when recreational use is minimal and typically, at one percent of river flow.

- Adopted a cutting edge policy on underground petroleum tanks, Interim Fuels Policy 93-59, which predated and foreshadowed the Lawrence Livermore National Laboratory Report. The RWQCB's policy emphasized source removal and assistance to the public--particularly those with economic hardships.
- Developed and implemented successful control strategies founded on Basin Plan actions which anticipated important water quality issues. Examples include the policy for on-site waste treatment for septic tank and associated discharges and the use of Best Management Practices for logging on federal lands.

San Francisco Bay Region (Region 2)

The San Francisco Bay lies at the heart of the Bay Region. Home to large numbers of migratory birds and other animals, the region also supports a population of over six million residents. RWQCB offices are in Oakland.
Santa Clara County's "Silicon Valley" is home to high tech computer and electronics industries. Six petroleum refineries make up the largest category of industrial waste discharges to the Bay. They and other heavy industries are found along the shoreline from Richmond to Pittsburg. Despite this region's urbanization, the wine industry in Napa and dairies in Marin continue to be important agricultural industries.

Challenges

- Reduce the levels of mercury, nickel, copper, polychlorinated biphenyls (PCBs), polynuclear aromatic hydrocarbons (PAHs), and pesticides in the Bay.
- Continue to monitor and remediate the approximately 8,000 cases of known leaking underground storage tanks which have impacted local ground water.
- Reduce habitat losses, mostly due to historical wetland filling that continue to threaten wildlife.
- Continue to inform the public of the 1994 RWQCB study which found that no more than two meals per month should include fish from the Bay.
- Develop strategies to curb urban runoff and upstream nonpoint pollution sources including Central Valley agriculture and Sierra abandoned mines that pose a threat to the Bay.
- Reduce local stream problems including erosion from construction sites and runoff from agricultural operations.
- Identify sediment hot spots which threaten the food chain and complicate issues of dredge spoils disposal.

Accomplishments

- Implemented regulatory programs resulting in significant reductions in pollutants over the last 30 years, despite a growing population.
- Implemented a program to control urban runoff that resulted in national recognition from U.S. EPA for two county programs under permit from the RWQCB.
- Assessed over $4 million in fines over the last five years as part of its general enforcement program. About 70 percent of this money has been used for local environmental improvement projects.
- Implemented a vigorous enforcement program to control erosion from construction sites.
- Initiated the cleanup of 1,000 underground tanks.

Central Coast Region (Region 3)

The Central Coast Region extends from Santa Clara County south to northern Ventura County. Its 300 miles include urban Santa Cruz and the Monterey Peninsula, agricultural Salinas and Santa Maria Valley, and the Santa Barbara coastal plain. Agriculture and related food processing activities are the major industries.

Challenges:

- Develop a regional monitoring program by creating a scientific oversight group and obtaining regular peer reviews of monitoring programs.
- Implement the Watershed Management Initiative by evaluating and assessing water quality within the priority and targeted watersheds.
- Implement the SWRCB's newly adopted Containment Zone Policy.

Accomplishments

- Implemented startup phase of the Morro Bay National Estuary Program including the development of public participation and data management strategies.
- Formed Salinas River Watershed Team to manage water resource problems by integrating all existing RWQCB regulatory and water quality protection programs into one unit, considering stakeholders' interests and promoting cooperative efforts.
- Adopted the San Lorenzo Wastewater Management Plan, in conjunction with the County Board of Supervisors, to manage and improve approximately 13,000 individual on-site sewage disposal systems in the 138 square mile San Lorenzo River Watershed. Primary uses of the San Lorenzo River include recreation, fishery habitat, and municipal water supply for 85,000 customers.

- Developed plan to implement a watershed project in Elkhorn Slough that takes a "farmer-first" approach. The project will receive $81,000 over two years and will demonstrate best management practices for Slough farmers. By considering social and economic conditions, the RWQCB intends to build long-term personal relationships and achieve long-term resource management.
- Completed a study of San Luis Obispo County's inactive metal mines in four priority watersheds including Chorro Creek, Las Tablas Creek, Santa Rosa Creek, and San Simeon Creek. Phased remedial recommendations are being formulated, and the study's final report is scheduled for release in fall 1997.
- Directed Unocal Corporation to provide funding for an Environmental Impact Report to review the remediation of a plume at Avila Beach that is threatening ocean waters.
- Directed the National Park Service (Channel Islands National Park) to abate rangeland and road management practices which degrade riparian habitat and water quality and induce sediment transport into surface waters of Santa Rosa Island.

Los Angeles Region (Region 4)

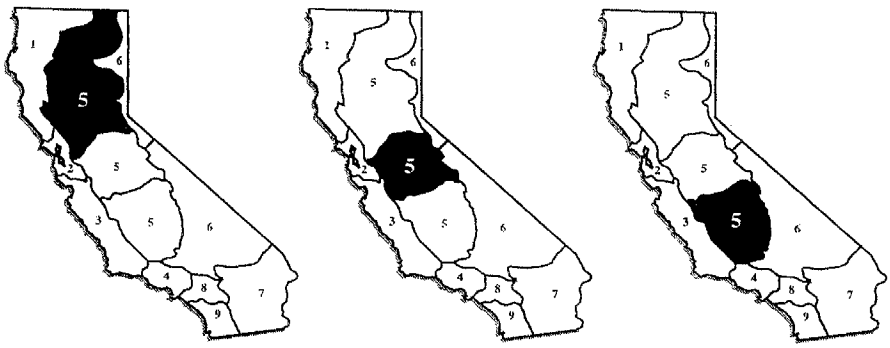
With ten million residents, the Los Angeles Region is the most densely populated of all the Regions. It encompasses all the coastal watersheds of Los Angeles and Ventura Counties, along with very small portions of Kern and Santa Barbara Counties. Land use within the Region varies considerably. In Ventura County, agriculture and open space exist alongside urban residential and commercial uses. In southern Los Angeles County, the predominant land uses include urban residential, commercial, and industrial. In northern Los Angeles County, open space is steadily being transformed into residential communities. Water imported from other areas now meets about half of the region's potable water demands. Restrictions on imported water, as well as drought conditions, have necessitated voluntary water conservation measures.

Challenges

- Continue to implement watershed management. In areas such as the Santa Monica Bay and Los Angeles River Watersheds, efforts will focus on controlling pollutants from both point and nonpoint sources. In areas such as the Calleguas Creek Watershed, where agriculture is vital to the local economy, efforts will also focus on salts; assessing significant sources of salts, the risk of adverse impact to crops and cost-effective ways to protect waters for irrigation.
- Continue to assess ground water contamination throughout the region and close low-risk sites, while also focusing efforts on cleanup of high-risk cases of contamination in such highly urbanized areas as the San Fernando and San Gabriel Valleys.
- Address issues concerning landfill seismic criteria.

Accomplishments

- Adopted the Los Angeles County Municipal Stormwater Permit, which combined with the Ventura County Stormwater Permit, provides the entire region with storm water protection. Los Angeles has the largest number of co-permittees (85) of any Municipal Stormwater Permit in the nation.
- Issued 4,329 joint (U.S. EPA/RWQCB) "No Further Action" letters releasing businesses from liability for regional ground water cleanups in both San Fernando Valley and San Gabriel Valley Superfund areas. Treatment plants, in various stages of planning and design, will clean up ground water contamination in these valleys.
- Santa Monica Bay Restoration Project conducted a epidemiology study which linked illness in swimmers to contaminated storm drain runoff in Santa Monica Bay. As a result, local agencies have committed to carrying out an "Action Agenda" to better protect and inform the public regarding the potential health risks to swimmers.
- Completed comprehensive water quality assessments in the Calleguas Creek and Ventura River watersheds that enabled the RWQCB to revise requirements for all major permits and to implement a cost-effective monitoring program.



Central Valley Region (Region 5)

The Central Valley Region encompasses 60,000 square miles of the State, or about 40 percent of its total area. The Sacramento and San Joaquin Rivers, along with their tributaries, drain the major part of this large area into the Delta prior to discharge to San Francisco Bay.

The Delta is the focal point of the State's two largest water conveyance projects, the State Water Project, and the Federal Central Valley Project. The southern third of the San Joaquin Valley contains the Tulare Lake Basin, a closed hydrographic unit except during extremely wet years.

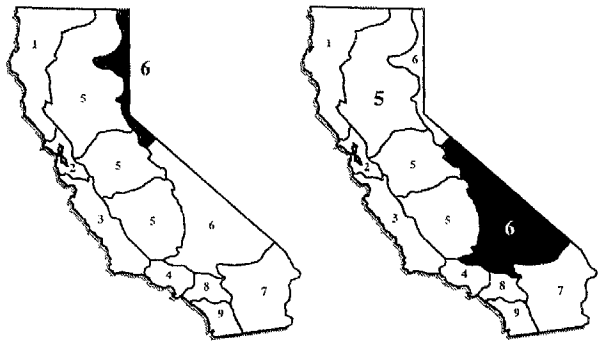
RWQCB staff are headquartered in Sacramento with branch offices in Redding and Fresno.

Challenges

- Regulate agricultural drainage in the San Joaquin Valley, which is high in selenium and trace elements to protect water resources, while maintaining a viable agricultural industry.
- Mitigate or reduce the accumulation of salts and trace elements in the San Joaquin River and the Tulare Lake Basin.
- Mitigate the effects of abandoned mine discharges of acids and heavy metals which impact the Sacramento River system and the Delta.
- Restore the water quality at McClellan, Mather and Castle Air Force Bases to facilitate the return of these properties to productive use.
- Identify and control sources of toxicity in surface waters.
- Control nitrate levels in ground water that occur in excess of water quality standards in almost half the counties in the region.
- Control storm water runoff in urban and rural areas.
- Develop a policy for water quality protection in constructed agricultural drains.

Accomplishments

- Adopted enforcement actions which collected approximately $570,000 in water pollution violations.
- Updated the Basin Plan with an amendment regarding the control of selenium discharges from the Grasslands Watershed to the San Joaquin River.
- Developed an agreement with the City of Lindsay and private parties to limit liability for salt contamination (at a former olive processing facility) and to restore the property to productive use while protecting water quality.
- Initiated watershed activities involving over 200 stakeholders for the Sacramento River and for Cache Creek.
- Working in cooperation with approximately 30 local agencies, closed over 1,100 underground tank sites.



Lahontan Region (Region 6)

The Lahontan Region is named for a prehistoric lake which once covered much of the Great Basin. The region occupies about 20 percent of California from the Oregon border south along the eastern Sierra Nevada crest through the northern Mojave Desert. Within this area are hundreds of lakes, streams, and wetlands, including nationally significant waters such as Lake Tahoe and Mono Lake. Tourism is the most important "industry" in the region, which also includes Death Valley National Park, the Mammoth Lakes area and segments of the Pacific Crest and John Muir Trails. Other important components of the region's economy are agriculture (mostly livestock grazing) and several military bases. The Lahontan RWQCB maintains offices at South Lake Tahoe (its headquarters) and Victorville.

Challenges

- Review quality/quantity relationships in watersheds such as the Truckee River, where interstate negotiations will determine flows to protect threatened/endangered fish in Pyramid Lake; and the Mojave River Watershed and Antelope Valley ground water basin, where there are plans to supplement local ground water supplies with imported water which may be of lower quality than native water.
- Monitor water quality concerns including blooms of aquatic weeds in Lake Tahoe and potential watershed damage related to the widespread death of forest trees.
- Further streamline storm water discharge permitting in the Lake Tahoe Basin.
- Remove unnecessary obstacles to water reclamation.

Accomplishments

- Finalized the Region's Basin Plan and amendments.
- Worked with stakeholders to implement the Watershed Management Initiative in the Lower Truckee River, Upper Truckee River/Trout Creek, Carson River, Upper Owens River and Mojave River Watersheds.
- Sponsored a study of Lake Tahoe which revealed that specific types of equipment and dredging practices can minimize the impacts to water quality.
- Began development of Total Maximum Daily Loads for sediment in the Lower Truckee River Watershed.
- Entered into a Memorandum of Understanding with Mono County, California Department of Fish and Game, U.S. Bureau of Land Management, U.S. Forest Service, and Los Angeles Department of Water and Power to collaborate on activities that affect the people and economy of Mono County.

Colorado River Basin (Region 7)

The Colorado River Basin Region covers the most arid area of California. Despite its dry climate, the Region contains two large water bodies, the Colorado River and the Salton Sea. The Colorado River, a major source of water for California, irrigates more than 700,000 acres of farmland in the Imperial, Coachella, Bard, and Palo Verde Valleys.

Farm runoff from the Imperial Valley is the main source of fresh water for the Salton Sea. Since the Sea is in a closed basin below sea level, evaporation causes its salinity to increase. Its current salinity is 25 percent greater than ocean water which threatens the Sea's fish and wildlife resources. The farm runoff also contains silt, pesticides, and fertilizers which imperil the aquatic life, wildlife, and recreational uses.

Many areas in the region are underlain by ground water aquifers that provide the only local source of water. The most important aquifer is in the Coachella Valley featuring a large tourist industry including Palm Springs and over 90 golf courses.

Challenges

- Reduce the pollution in the New River originating from Mexicali in cooperation with the United States and Mexican governments.
- Reduce the increasing salinity of the Salton Sea and continue to assist the Salton Sea Authority in their efforts to develop a salinity control project.
- Control agricultural discharges, comprising the largest source of surface water pollution in the region, and assist the Imperial Irrigation District to implement their Drain Water Quality Improvement Program.
- Protect ground water threatened by perchloroethylene (PCE) and nitrates.

Accomplishments

- Adopted waste discharge requirements for the proposed six hundred million ton Mesquite Landfill.
- Prepared the first watershed management plan for the region describing proposed actions in priority watersheds.
- Adopted a general National Pollutant Discharge Elimination System Permit for confined animal facilities and adopted municipal storm water permits for Riverside County and the California Department of Transportation.
- Adopted the 1996 list of impaired waters.

Santa Ana Region (Region 8)

The Santa Ana Region continues to be one of the most rapidly growing areas of the State. While the region is geographically the smallest (nearly 3,000 square miles), it boasts one of the largest populations (almost five million people). Extensive ground water basins underlie much of the region, but local recharge provides only a fraction of the area's water needs, which are primarily met by imported water. The Santa Ana River, the region's main surface water body, transports more than 125 million gallons per day of reclaimed water from Riverside and San Bernardino Counties for recharge into the Orange County Ground water Basin. This satisfies approximately 40 percent of the county's water demand. This semi-arid region is known for its temperate climate and relatively low rainfall--about 15 inches per year. The RWQCB's office is located in Riverside.

Challenges

- Reduce salts and nutrients in manure and wash water from dairy operations overlying the Chino Groundwater Basin that have severely degraded ground water quality and threaten downstream water quality.
- Manage nonpoint sources of nutrients, silt, bacteria, metals, PCBs, and the banned pesticide DDT that pose serious threats to Newport Bay.
- Control contaminated ground water, which underlies many areas of the region, resulting from historic discharges of chlorinated solvents.
- Manage nonpoint sources of pathogens that continue to affect the quality of the Santa Ana River, thus rendering the river unsuitable for swimming.

Accomplishments

- Implemented the Watershed Management Initiative to develop comprehensive watershed management plans for the region's two highest priority watersheds, the Newport Bay Watershed and the Chino Basin Watershed Management Area.
- Directed those wastewater treatment plants that discharge into the Santa Ana River to comply with pollution treatment levels to protect all beneficial uses.
- Participated in the development of a desalination project for the lower Chino ground water basin to intercept and desalt poor quality ground water and thus protect downstream water supplies.
- Coordinated major stakeholders in the watershed to review the total dissolved solids and nitrogen water quality objectives of the Santa Ana Basin, to develop a regulatory strategy to protect water quality, and to optimize water resources development.

San Diego Region (Region 9)

The San Diego Region stretches along 85 miles of scenic coastline from Laguna Beach to the Mexican border and extends 50 miles inland to the crest of the coastal mountain range. In a mild coastal climate, the region's growing population enjoys many water related activities; however, little rain falls within the semiarid region. Approximately 90 percent of the region's water supply is imported from Northern California and the Colorado River.

Challenges

- Eliminate raw sewage discharges from Mexico which contaminate San Diego County beaches and waterways.
- Eliminate San Diego Region beach closures due to sewage spills and urban runoff.
- Reclaim and reuse water to the maximum extent feasible with appropriate safeguards to protect the public health and ensure that water quality is protected.
- Reduce pollutants in urban runoff through public education and the implementation of the municipal, industrial and construction storm water programs.
- Integrate existing RWQCB regulatory programs (i.e., water quality monitoring, assessment, planning, standard setting, nonpoint source management, ground water protection, and permitting) to address water quality issues on a watershed basis.

Accomplishments

- Key player in a multi-agency effort to construct and permit an international sewage treatment facility and ocean outfall to receive wastewater from the City of Tijuana, Mexico. Facility will greatly reduce the chronic contamination of United States and Mexican waters resulting from sewage discharges from Tijuana.

- Issued orders initiating a multi-year contaminated sediment cleanup project in the Commercial Basin portion of San Diego Bay by several boatyards. Initiated a cooperative effort with several shipyards to achieve voluntary cleanup of contaminated sediment in San Diego Bay.
- Settled longstanding enforcement issues with the City of San Diego resulting in the City making penalty cash payments and performing environmental credit projects totaling $1.35 million over the next five years.
- Adopted waste discharge requirements establishing uniform guidelines for the submittal of electronic records of sewage spills by all sewage collection agencies in the San Diego Region.
- Completed a watershed management approach document targeting three watersheds for initial work: Aliso Creek, San Diego Bay, and Santa Margarita River Watersheds.
- Resolved the majority of severe erosion problems at construction sites in the Santa Margarita River Watershed through a comprehensive site inspection program and follow-up enforcement actions.

III. SURFACE WATER ASSESSMENT

A. Water Pollution Control Programs

Much of the following information on water quality programs, plans, and policies is taken from the SWRCB's and RWQCBs' Biennial Report, 1995-1996.

1. Programs to Assess Water Quality

Nonpoint Source Pollution Management Program

The SWRCB is implementing a plan to address Nonpoint Source (NPS) problems statewide. Following a review of NPS problems by ten technical advisory committees, the SWRCB adopted in September 1995 its document titled "Initiatives in Nonpoint Source Management".

This document was an important component of the State's submittal under the Federal Coastal Zone Act Reauthorization Amendments. The Act requires states to identify land uses which individually or cumulatively may cause or contribute significantly to a degradation of coastal waters, to identify critical geographic areas adjacent to coastal waters, and to implement additional measures where necessary to achieve and maintain water quality standards.

Simultaneously, the SWRCB continued to award Federal Clean Water Act Nonpoint Source Grants. Beginning with the 1996 grants, the process involved targeting and allocating grant funds to waters and projects in each RWQCB that most effectively addressed regional priorities. This process is included under the Watershed Management Initiative which is implemented according to the SWRCB's Strategic Plan.

Toxic Substances Monitoring Program

The Toxic Substances Monitoring Program (TSMP) was initiated in 1976 by the SWRCB. The TSMP provides a uniform statewide approach to the detection and evaluation of the occurrence of toxic substances in fresh, estuarine, and marine waters of the State through the analysis of fish and other aquatic life. The TSMP primarily targets water bodies with known or suspected impaired water quality and is not intended to give an overall water quality assessment.

Sampling stations are selected primarily by the nine RWQCBs. Data are used by the SWRCB, RWQCBs, and other agencies to identify waters impacted by toxic pollutants.

State Mussel Watch Program

The California State Mussel Watch Program (SMWP), initiated in 1977 by the SWRCB, provides a uniform statewide approach to detection and evaluation of the occurrence of toxic substances in the waters of California's bays, harbors, and estuaries. This is accomplished through the analysis of transplanted and resident mussels and clams. The SMWP primarily targets areas with known or suspected impaired water quality and is not intended to give an overall water quality assessment. Information collected in the SMWP is used by the SWRCB, RWQCBs, and other agencies to identify waters impacted by toxic pollutants.

Toxicity Testing Program

The Toxicity Testing Program (TTP) is intended to assess water quality in surface waters of the State using reliable U.S. EPA standardized toxicity testing procedures, modified U.S. EPA toxicity identification evaluation methods, and supporting chemical analyses.

Toxicity tests can directly determine the integrative and cumulative effects of chemicals on aquatic organisms and provide a measure of the bioavailability (i.e., the proportion of the chemically measured concentration of a chemical which is toxic) in water samples.

For the past ten years, the TTP has been effective in providing information that can identify waterways where toxicity water quality standards (objectives) are not being met and whether these surface waters can support biological communities in aquatic ecosystems. The intent of the TTP is to identify high risk areas and to identify the spatial and temporal extent of water quality problems, as well as the geographic and land/water use sources of the causative chemical(s).

Bay Protection and Toxic Cleanup Program

The SWRCB's Bay Protection and Toxic Cleanup Program (BPTCP) identifies toxic hot spots in the enclosed bays and estuaries of California. As part of the legislative mandates of this program, sediment samples were analyzed statewide from enclosed bays and estuaries (over 1,000 stations) for chemistry, toxicity, and benthic community effects. Highest priority sites with observed toxicity in the screening phase were retested for toxic effects in the confirmation phase. Benthic community and chemical measurements were made during the confirmation phase. Using the effects-based measurements of impacts, thirty-seven sites throughout the State's enclosed bays and estuaries have been identified as Toxic Hot Spots. Regional Toxic Hot Spot Cleanup Plans have been developed for seventeen high priority sites.

Coastal Monitoring Inventory and Plan

The SWRCB is implementing the water quality relevant portions of the Governor's Executive Order W-162-97. Three contractors–Southern California Coastal Water Research Project, San Francisco Estuary Institute, and California Department of Fish and Game–are assisting SWRCB in completing an inventory of coastal monitoring programs and in developing a comprehensive program for monitoring water quality and reducing water pollution in the coastal zone. The monitoring inventory data will be accessible through the Resources Agency's California Environmental Resources Evaluation System (CERES). These three functions will be accomplished by October 1, 1998 according to the Executive Order deadline.

Volunteer Monitoring Program

"Volunteer monitoring" is the monitoring of aquatic resources, aquatic habitat, and water quality by members of the community. Across California, volunteers are evaluating the health of streams, lakes, and ocean waters. Monitoring takes numerous forms based on the desires of different communities. Volunteers may measure flow, dissolved oxygen, nutrients, or bacteria. They sample aquatic insects, identify birds and amphibians, and watch for potential illegal spills and discharges or chronic problems such as severe erosion. Community members respond to the unique nature of the aquatic resources near their homes and design monitoring programs accordingly.

Information collected by community members can be used at the local, regional, and State level. It has been summarized and presented at city council meetings, assessed as part of watershed management plans, posted electronically, and published in local newspapers. Information gleaned from monitoring can help communities evaluate their management goals and the effectiveness of their efforts at restoring habitat, reducing pollutants, and protecting their waterways. Local planning offices, storm water agencies, and the RWQCBs have used volunteer-collected data to identify riparian restoration sites, catch illegal dischargers, and identify pollution problems. Monitoring organizations that collect data in compliance with appropriate quality control measures can provide their data to the RWQCBs for use in 305(b) Reports.

Underground Storage Tank Program

In June 1994, the SWRCB contracted with Lawrence Livermore National Laboratory (LLNL) to study the cleanup of leaking underground fuel tanks in California. The team of university scientists analyzed data from over 1,800 tank sites. The resulting 1995 report indicated very limited impacts of leaking underground tanks on the State's water resources, using benzene as an indicator of the constituents of concern. Consequently, the SWRCB's Executive Director advised the RWQCBs to consider this study in evaluating remediation options for low-risk leaking underground fuel tank sites. In the spring of 1996, the SWRCB held two public meetings to obtain comments on the LLNL report and possible amendments to the SWRCB's current underground storage tank procedures. A report on the policy was also submitted in May 1996 to the SWRCB by the Senate Bill 1764 Committee, a group of university professors requested by legislation to examine the SWRCB's tank policy. A tank policy was drafted and distributed to the RWQCBs for comment as a first step in the process to develop a statewide policy.

2. Programs to Restore Water Quality

a. Statewide General Permits

Storm Water

Through the SWRCB's Storm Water Program, two statewide general permits have been adopted addressing storm water discharges associated with industrial activities. Dischargers are required to eliminate most nonstorm water discharges, develop a storm water pollution prevention plan to identify and implement control measures to minimize pollutants in storm water runoff, and monitor their discharges. The SWRCB held a public hearing in November 1996 to receive comments on a draft permit released 60 days before. A general storm water permit was reissued in April 1997.

Other General Permits

In addition to the storm water general permits, the nine RWQCBs have adopted close to 50 general permits. A model waiver for composting has been developed. Under consideration is a model general permit for reuse of biomass ash and a general permit for water suppliers and utility companies.

b. Cleanup Funding Programs

Underground Tanks Cleanup Fund

To address the problems and expense of cleaning up leaking underground fuel tanks, the SWRCB administers the Underground Storage Tank Cleanup Fund (implemented in 1991) which pays for corrective action and third party liability costs up to $1 million per occurrence. As of June 1996, the fund had received 11,743 applications, of which 9,515 have been approved. There were 3,455 letters of commitment issued for over $354 million. Over $271 million was paid out on 6,740 reimbursement requests. Since Fiscal Year 1992-93, the Fund has committed 100 percent of its annual appropriation each year to reimburse responsible parties for their cleanup.

c. Plans and Policies

Basin Plans

In 1996, the SWRCB and RWQCBs completed a four-year, multi-million dollar effort to update all RWQCB Water Quality Control Plans (Basin Plans). This is the first time since 1975 that all RWQCB Basin Plans have been completely updated. These plans are the "blueprints" for implementing water protection in each region. They draw upon best science, pollution prevention provisions, and full partnership efforts with regional stakeholders.

Containment Zone Policy

An amendment to the SWRCB's Resolution 92-49, termed the "Containment Zone Policy" was adopted by the SWRCB in October 1996.

A containment zone is a portion of a ground water unit in which the RWQCB determines that attainment of water quality objectives is technologically or economically unreasonable and where the RWQCB believes pollutants can be contained. Monitoring is required to verify containment, and mitigation is required for significant environmental impacts.

In the two year rule-making process, two formal hearings and a workshop were held. Over 1,500 comments were received and analyzed.

In an effort to ensure statewide consistency in applying and implementing the Policy and to solicit recommendations for possible revisions to the Policy, the SWRCB incorporated into the amendment a provision for a Containment Zone Review Committee to (1) review implementation of the Policy; (2) review incorporating risk assessment into the Policy; and (3) provide recommendations to the SWRCB on any further adjustments to the Policy.

Inland Surface Waters Plan/Enclosed Bays and Estuaries Plan

The SWRCB is developing its Inland Surface Water Plan (ISWP) and Enclosed Bays and Estuaries Plan (EBEP) in two phases. Ultimately, these two statewide water quality control plans will set water quality objectives for toxic pollutants and establish an implementation program.

Work on the ISWP/EBEP began in 1995 with eight task forces, representing eleven interest groups, meeting to discuss key issues. Task force recommendations were submitted to the SWRCB in November 1995 with additional public comments received throughout 1996.

In late 1996, the SWRCB and U.S. EPA agreed to a unique cooperative arrangement to better utilize State resources. The current Phase I is being coordinated with U.S. EPA actions to promulgate numeric criteria for the priority pollutants under the California Toxics Rule (CTR). Phase I will see a policy for implementing the Federal CTR criteria. Phase II will consist of developing State water quality objectives for the priority pollutants (and possibly other toxic pollutants) and merging them with the implementation policy provisions to create the ISWP and EBEP.

Statewide Water Quality Enforcement Policy

In April 1996, the SWRCB adopted a Statewide Water Quality Enforcement Policy to ensure consistency and to assist the RWQCBs and dischargers in protecting water quality.

California Ocean Plan

This statewide plan sets physical, chemical, biological, and bacteriological water quality standards for protecting the State's coastal waters. The SWRCB is currently examining several high priority issues raised by the public during the most recent California Ocean Plan Triennial Review.

As individual issues are resolved, staff plans to present them to the SWRCB on an annual basis to determine if the Ocean Plan should be

amended. In March 1997, the SWRCB adopted the first phase of amendments to the Ocean Plan. These amendments became effective in July 1997 after approval of the State's Office of Administrative Law. A second phase of amendments will be proposed at public hearings in November 1998.

A new triennial review will be initiated at public hearings scheduled in September 1998.

California Pesticide Management Plan

The SWRCB and Department of Pesticide Regulation have developed the California Pesticide Management Plan for Water Quality to coordinate staff activities to protect surface and ground water from pesticides. It identifies each agency's role in water quality protection and pesticide regulation and promotes a sharing of information relating to the study of pesticides and regulatory efforts.

Watershed Management Initiative

The SWRCB and RWQCBs, as part of the Strategic Plan, are implementing a Watershed Management Initiative (WMI) to better coordinate and focus limited public and private resources to address both point and nonpoint source water quality problems especially in high priority targeted watersheds.

Watersheds are geographical areas in which water flows to a common outlet, e.g., a stream, lake, or other body of water. Each point in a drainage basin has its own tributary "watershed" ranging in size from the area upstream of the Golden Gate to the smallest ravine; therefore, California can be divided into thousands of watersheds. Watersheds form the basis for the boundaries of the nine RWQCBs.

Each RWQCB will have a watershed strategy described in its WMI Chapter. These chapters are long term workplans covering activities for the next five to seven years. These strategies rely on close coordination with other State, federal and local agencies in using limited fiscal and technical resources. This ensures that local community groups will

receive the assistance they need to effectively manage their local sources of pollution. Implementation of the WMI began in July 1997.

B. Plan for Achieving Comprehensive Assessments

The mission of the SWRCB is to preserve and enhance the quality of California's water resources and to ensure their proper allocation and efficient use for the benefit of present and future generations. In order to evaluate progress toward this mission, the SWRCB must have access to information on the health of the stream systems and the beneficial uses they support. Protection and restoration of environmental resources requires a good monitoring program to provide feedback needed to ensure that the programs embarked upon are effective and that progress is being made to reach the goals. Environmental monitoring can be expensive. The monitoring program needs to be directed at answering specific questions to keep the program focused and the costs affordable.

The SWRCB with the RWQCBs have begun a reevaluation of the State's water quality monitoring programs. It is being done with a focus towards watershed evaluations and in cooperation and coordination with all local, State, and national agencies and groups. Past efforts have been organized to address specific protection or restoration program needs. This has led to a fragmentation of monitoring efforts resulting in duplication in some monitoring efforts, gaps in needed information, and lack of integrated analysis. A watershed approach will allow different groups to pool their resources in more effective ways to answer the key water quality and beneficial use protection questions.

However, even though this evaluation has just begun, a high priority area of critical monitoring information needs has been identified that requires immediate attention. Every two years the SWRCB develops this 305(b) Report on the level of protection being achieved for the various water bodies in the State. This report lists the water bodies where the beneficial uses are impaired due to problems with water quality. A process to correct the problems in these water bodies is needed to achieve the State's goals of protecting beneficial uses in these water bodies. Most of these problems are due to nonpoint sources of pollutants that are hard to identify and correct. However, impairments are also due to water diversions. Some of the water body impairments are affecting anadromous fish species in coastal watersheds and in the Central Valley that have recently been listed as threatened or endangered.

The resources needed to identify the specific sources of the water quality problems and evaluate cost effective means to correct the problems can be extensive. Current funding is not adequate to address these issues in a reasonable time frame. Under the Clean Water Act, citizen lawsuits have been filed to compel the U.S. EPA and the SWRCB to perform the needed evaluations to correct these problems. Data on the sources of pollutant loads and best means to correct these problems need to be collected quickly to avoid additional suits and to maintain the focus of the SWRCB's other programs consistent with that identified by the administration and the Legislature. Not gathering this information could lead to control of program priorities by the courts.

C. Section 303(d) of the Clean Water Act

Section 303(d) of the Federal Clean Water Act (CWA) requires states to identify waters that do not meet applicable water quality standards with technology-based controls alone. Applicable standards include the designated beneficial use and the adopted water quality objective. States are also required to establish a priority ranking of these waters for purposes of developing Total Maximum Daily Loads (TMDL). Subsequently, each point source and nonpoint source discharging pollutants to the listed water body require a Waste Load Allocation and Load Allocation, respectively, assigned to it. States are then required to submit to the U.S. EPA the list of waters and TMDL priorities for review and approval.

1. Development of the 1998 Section 303(d) List and TMDL Priority Schedule

SWRCB staff prepared guidance for the 1998 water quality assessment update outlining the procedures for each of the nine RWQCBs to conduct its review. This guidance placed emphasis on the assessment of California water bodies for possible Section 303(d) listing. The assessment included reexamining the water bodies listed under CWA Section 303(d) in 1996, reviewing new monitoring information, soliciting information from other State and federal agencies, and inviting the public to participate.

The guidance also included the State's "1998 Clean Water Act (CWA) Section 303(d) Listing Guidelines for California", dated August 11, 1997.

These guidelines, developed by a task force of U.S. EPA, RWQCB, and SWRCB staff, were used by RWQCB staff as a basis for listing and delisting water bodies, prioritizing and scheduling TMDLs, and public noticing procedures.

The SWRCB received several petitions and comment letters on the RWQCBs' adoption of their 303(d) lists. Given the significant public interest, the SWRCB held a public workshop to receive comments on the RWQCBs' lists. At a subsequent SWRCB Board Meeting, the statewide Section 303(d) list was modified and then approved by the SWRCB for submittal to U.S. EPA for approval.

2. 1998 California 303(d) List and TMDL Priority Schedule

The 1998 California Section 303(d) List and TMDL Priority Schedule (including pollutants or stressors, probable sources, the TMDL priorities, and schedules of completion) is presented in Table 3. The statewide 1998 California 303(d) List and TMDL Priority Schedule includes all nine RWQCBs' final Section 303(d) lists and SWRCB modifications.

The 1998 California Section 303(d) List and TMDL Priority Schedule identified 509 impaired surface waters with 1,474 pollutants or stressors slated for TMDLs within the next 13 years. Four hundred seventy-three of these pollutants or stressors were given highest priority for the development of TMDLs. It should be noted that in addition to the highest priority water bodies, actions are underway for many of the remaining Section 303(d) waters.

The statewide 1998 California Section 303(d) List and TMDL Priority Schedule was prepared using data stored in the SWRCB's Waterbody System (WBS) database. The WBS database is a catalog of the State's major water bodies that identifies the general condition of beneficial use support of each water body. The database also includes more specific water quality assessment information on water bodies such as water body size, affected beneficial uses, and specific pollutants and sources of impairment. All this information in the database was provided by the RWQCBs.

TABLE 3

1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	E	EEL RIVER DELTA	111.110							
				Sedimentation/Siltation		Low	6350	Acres	0204	1206
					Range Land					
					Silviculture					
					Nonpoint Source					
				Temperature		Low	6350	Acres	0204	1206
					Nonpoint Source					
1	E	ESTERO AMERICANO	115.300							
				Nutrients		Medium	692	Acres	0497	0206
				Water Quality Attainment strategy is attempting to increase voluntary measures for attainment of standards and objectives, as was done in the Estero de San Antonio / Stemple Creek TMDL Water Quality Attainment Strategy, adopted by the North Coast Regional Water Quality Control Board at the December 11, 1997 meeting.						
					Pasture Land					
					Manure Lagoons					
				Sedimentation/Siltation		Medium	692	Acres	0497	0206
				Water Quality Attainment strategy is attempting to increase voluntary measures for attainment of standards and objectives, as was done in the Estero de San Antonio / Stemple Creek TMDL Water Quality Attainment Strategy, adopted by the North Coast Regional Water Quality Control Board at the December 11, 1997 meeting.						
					Riparian Grazing					
					Hydromodification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Erosion/Siltation					
					Nonpoint Source					
1	E	ESTERO DE SAN ANTONIO	115.400							
				Nutrients		Low	319	Acres	0496	0498
				This water body/pollutant was relisted by USEPA.						
					Pasture Land					
					Manure Lagoons					
1	E	NAVARRO RIVER DELTA	113.500							
				Sedimentation/Siltation		Medium	20	Acres	0298	1200
					Erosion/Siltation					
1	L	LAKE PILLSBURY	111.630							
				Mercury		Low	2280	Acres	1209	1211
					Natural Sources					
1	R	ALBION RIVER	113.400							
				Sedimentation/Siltation		Medium	14	Miles	0299	1201
				USEPA is preparing TMDL for Albion River.						
					Silviculture					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	AMERICANO CREEK	115.300							
				Nutrients		Medium	7	Miles	0497	0206
				(See Estero Americano)						
					Pasture Land					
					Riparian Grazing					
					Upland Grazing					
					Animal Operations					
					Manure Lagoons					
					Dairies					
1	R	BIG RIVER	113.300							
				Sedimentation/Siltation		Medium	40	Miles	0299	1201
					Silviculture					
					Nonpoint Source					
1	R	EEL RIVER, MIDDLE FORK	111.700							
				Sedimentation/Siltation		Low	64	Miles	0201	1203
				USEPA will develop a TMDL for Eel River, Middle Fork.						
					Erosion/Siltation					
				Temperature		Low	64	Miles	0201	1203
				USEPA will develop a TMDL for Eel River, Middle Fork.						
					Nonpoint Source					
1	R	EEL RIVER, MIDDLE MAIN FORK	111.70							
				Sedimentation/Siltation		Low	1075.38	Miles	0203	1205
				USEPA will develop a TMDL for Eel River, Middle Main Fork.						
					Range Land					
					Silviculture					
					Nonpoint Source					
				Temperature		Low	1075.38	Miles	0203	1205
				USEPA will develop a TMDL for Eel River, Middle Main Fork.						
					Nonpoint Source					
1	R	EEL RIVER, NORTH FORK	111.500							
				Sedimentation/Siltation		Low	41	Miles	0200	1202
				USEPA will develop TMDL for Eel River, North Fork						
					Silviculture					
					Logging Road Construction/Maintenance					
					Erosion/Siltation					
					Nonpoint Source					
				Temperature		Low	41	Miles	0200	1202
				USEPA will develop TMDL for Eel River, North Fork.						
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	EEL RIVER, SOUTH FORK	111.300	**Sedimentation/Siltation**		Low	85	Miles	0297	1299
				USEPA is developing TMDL for Eel River, South Fork. Sediment and temperature TMDLs will be developed for: (1) the area tributary to and including the South Fork of the Eel River above Garberville and (2) the area tributary to and including the South For of the Eel River below Garberville.						
					Range Land					
					Silviculture					
					Logging Road Construction/Maintenance					
					Resource Extraction					
					Hydromodification					
					Flow Regulation/Modification					
					Removal of Riparian Vegetation					
					Erosion/Siltation					
					Nonpoint Source					
				Temperature		Low	85	Miles	0297	1299
				USEPA is developing TMDL for Eel River, South Fork.						
					Hydromodification					
					Flow Regulation/Modification					
					Removal of Riparian Vegetation					
					Erosion/Siltation					
					Nonpoint Source					
1	R	EEL RIVER, UPPER MAIN FORK	111.60	**Sedimentation/Siltation**		Low	1154.24	Miles	0202	1204
				USEPA will develop a TMDL for Eel River, Upper Main Fork.						
					Range Land					
					Silviculture					
					Nonpoint Source					
				Temperature		Low	1154.24	Miles	0202	1204
				USEPA will develop a TMDL for Eel River, Upper Main Fork.						
					Nonpoint Source					
1	R	ELK RIVER	110.000	**Sedimentation/Siltation**		Medium	87	Miles	0207	2009
				Sedimentation, threat of sedimentation, impaired irrigation water quality, impaired domestic supply water quality, impaired spawning habitat, increased rate and depth of flooding due to sediment, property damage. Regional Water Board and California Department of Forestry staff are involved in ongoing efforts to attain adherance to Forest Practice Rules. It is possible that compliance will bring attainment prior to TMDL development.						
					Silviculture					
					Harvesting, Restoration, Residue Management					
					Logging Road Construction/Maintenance					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Erosion/Siltation					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	FRESHWATER CREEK	110.000							
				Sedimentation/Siltation		Medium	72.67	Miles	0208	1210
				Sedimentation, threat of sedimentation, impaired irrigation water quality, impaired domestic supply water quality, impaired spawning habitat, increased rate and depth of flooding due to sediment, property damage. Regional Water Board and California Department of Forestry staff are involved in ongoing efforts to attain adherance to Forest Practice Rules. It is possible that compliance will bring attainment prior to TMDL development.					
					Silviculture					
					Harvesting, Restoration, Residue Management					
					Logging Road Construction/Maintenance					
					Erosion/Siltation					
					Nonpoint Source					
1	R	GARCIA RIVER	113.700							
				Sedimentation/Siltation		High	39	Miles	0997	1297
				The Regional Water Board is involved in extended public hearings to consider the adoption of a TMDL for sediment control on the Garcia River. In January, 1998, USEPA issued public notice for adoption and promulgation of a TMDL for sediment on the Garcia River.					
					Riparian Grazing					
					Silviculture					
					Harvesting, Restoration, Residue Management					
					Logging Road Construction/Maintenance					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Channel Erosion					
					Erosion/Siltation					
					Nonpoint Source					
				Temperature		High	39	Miles	0298	2000
				Elevated temperatures impacting coldwater fisheries in these reaches and sub-areas: Planning Units 113.70010 (Pardaloe Creek), 113.70011, 12, 13, 14, 20, 21, and the entire mainstem Garcia River from Pardaloe Creek to the estuary, which includes that portion of 113.70022, 23, 24, 25, and 26. February 1998 - The Regional Water Board is working to adopt a TMDL for sediment on the Garcia River. It is possible that voluntary compliance with measures in this TMDL will improve conditions related to temperature prior to development of a TMDL for temperature.					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	GUALALA RIVER	113.800							
				Sedimentation/Siltation		Medium	35	Miles	0499	1201
					Specialty Crop Production					
					Silviculture					
					Harvesting, Restoration, Residue Management					
					Logging Road Construction/Maintenance					
					Road Construction					
					Land Development					
					Disturbed Sites (Land Develop.)					
					Erosion/Siltation					
					Nonpoint Source					
1	R	KLAMATH RIVER	105.000							
				Nutrients		Medium	190	Miles	0402	0404
				Nutrient TMDLs will be developed for the area tributary to and including:						
				Clear Lake Reservoir Area						
				Lost River/Tule Lake to Oregon border						
				Oregon border to iron Gate dam						
				Iron Gate Dam to Scott River						
				Scott River to Trinity River						
				Trinity River to the Ocean						
					Municipal Point Sources					
					Irrigated Crop Production					
					Agricultural Return Flows					
					Nonpoint Source					
				Org. enrichment/Low D.O.		Medium	180	Miles	0202	1204
				Dissolved oxygen levels do not meet Basin Plan Objective. Fisheries habitat is impaired due to low dissolved oxygen levels. Dissolved Oxygen TMDL will be developed for the mainstem of the Klamath River.						
					Municipal Point Sources					
					Agricultural Return Flows					
					Flow Regulation/Modification					
				Temperature		Medium	190	Miles	0402	0404
				Temperature TMDLs will be developed for the area tributary to and including:						
				Clear Lake Reservoir Area						
				Lost River/Tule Lake to Oregon border						
				Oregon border to iron Gate dam						
				Iron Gate Dam to Scott River						
				Scott River to Trinity River						
				Trinity River to the Ocean						
					Dam Construction/Operation					
					Flow Regulation/Modification					
					Water Diversions					
					Habitat Modification					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	MAD RIVER	109.000							
				Sedimentation/Siltation		Low	90	Miles	0205	0207
				USEPA will develop TMDL for the Mad River. Sediment TMDLs will be developed for the area tributary to and including: (1) the Mad River (North Fork), (2) the Mad River(Upper), and (3) the Mad River (Middle).						
					Silviculture					
					Resource Extraction					
					Nonpoint Source					
				Turbidity		Low	90	Miles	0205	0207
				Turbidity TMDLs will be developed for the area tributary to and including: (1) the Mad River (North Fork), (2) the Mad River(Upper), and (3) the Mad River (Middle).						
					Silviculture					
					Resource Extraction					
					Nonpoint Source					
1	R	MATTOLE RIVER	112.300							
				Sedimentation/Siltation		Medium	56	Miles	0200	1202
					Specialty Crop Production					
					Range Land					
					Riparian Grazing					
					Silviculture					
					Hydromodification					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Erosion/Siltation					
					Nonpoint Source					
				Temperature		Medium	56	Miles	0200	1202
					Silviculture					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	NAVARRO RIVER	113.500							
				Sedimentation/Siltation		**Medium**	**25**	**Miles**	**0298**	**1200**
				Sediment TMDLs will be developed for: (1) the area tributary to and including the Navarro River above Philo and (2) the area tributary to and including the Navarro River below Philo.						
					Agriculture					
					Nonirrigated Crop Production					
					Irrigated Crop Production					
					Specialty Crop Production					
					Range Land					
					Riparian Grazing					
					Upland Grazing					
					Agriculture-grazing					
					Silviculture					
					Harvesting, Restoration, Residue Management					
					Logging Road Construction/Maintenance					
					Silvicultural Point Sources					
					Construction/Land Development					
					Highway/Road/Bridge Construction					
					Road 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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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Temperature		Medium	25	Miles	0298	1200
				Temperature TMDLs will be developed for: (1) the area tributary to and including the Navarro River above Philo and (2) the area tributary to and including the Navarro River below Philo.						
					Agriculture					
					Agricultural Return Flows					
					Resource Extraction					
					Flow Regulation/Modification					
					Water Diversions					
					Agricultural Water Diversion					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Drainage/Filling Of Wetlands					
					Nonpoint Source					
1	R	NOYO RIVER	113.200							
				Sedimentation/Siltation		Medium	35	Miles	0698	1299
					Silviculture					
					Nonpoint Source					
1	R	REDWOOD CREEK	107.000							
				Sedimentation/Siltation		Low	63	Miles	0497	1298
				Sediment TMDLs are being developed for: (1) the area tributary to and including the mainstem upstream of the Redwood National Park boundary and (2) for the area tributary to and including the mainstem within the Park boundary.						
					Range Land					
					Silviculture					
					Nonpoint Source					

* Comments presented under each pollutant/stressor are not required under Clean Water Act Section 303(d). In a few cases, they provide necessary information.

1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	RUSSIAN RIVER	114.100							
				Sedimentation/Siltation		Medium	105	Miles	0209	1211
				[Entire watershed, mainly tributaries.] Sedimentation, threat of sedimentation, siltation, turbidity, bank erosion impaired spawning and rearing habitat, increased rate and depth of flooding due to sediment, property damage, in Russian River and tributaries. Aggradation in the main stem Russian River. Sonoma County Water Agency has begun a comprehensive Endangered Species Act habitat assessment. This project should arrive at assessment and control measures equivalent to TMDL allocation and attainment strategies.					
					Specialty Crop Production					
					Riparian Grazing					
					Upland Grazing					
					Agriculture-storm runoff					
					Silviculture					
					Harvesting, Restoration, Residue Management					
					Logging Road Construction/Maintenance					
					Construction/Land Development					
					Highway/Road/Bridge Construction					
					Road Construction					
					Land Development					
					Disturbed Sites (Land Develop.)					
					Other Urban Runoff					
					Hydromodification					
					Channelization					
					Flow Regulation/Modification					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Drainage/Filling Of Wetlands					
					Channel Erosion					
					Erosion/Siltation					
					Nonpoint Source					
1	R	SCOTT RIVER	105.400							
				Sedimentation/Siltation		Low	68	Miles	0203	0405
					Irrigated Crop Production					
					Pasture Land					
					Silviculture					
					Resource Extraction					
					Mine Tailings					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Temperature		Low	68	Miles	0203	0405
					Irrigated Crop Production					
					Pasture Land					
					Agricultural Return Flows					
					Silviculture					
					Water Diversions					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Drainage/Filling Of Wetlands					
					Nonpoint Source					
1	R	SHASTA RIVER	105.500							
				Org. enrichment/Low D.O.		Low	52	Miles	0203	0905
					Riparian Grazing					
					Agricultural Return Flows					
					Flow Regulation/Modification					
				Temperature		Low	52	Miles	0203	0905
					Agriculture-irrigation tailwater					
					Water Diversions					
					Agricultural Water Diversion					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Drainage/Filling Of Wetlands					
					Nonpoint Source					
1	R	STEMPLE CREEK	115.400							
				Nutrients		Low	17	Miles	0496	0498
				This water body/pollutant was relisted by USEPA.						
					Pasture Land					
					Manure Lagoons					
					Nonpoint Source					
1	R	TEN MILE RIVER	113.130							
				Sedimentation/Siltation		Low	10	Miles	0298	1200
				USEPA is developing TMDL for Ten Mile River.						
					Silviculture					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1	R	TOMKI CREEK	111.620							
				Sedimentation/Siltation		**Medium**	**18**	**Miles**	**0202**	**1204**
				USEPA will develop TMDL's for Eel River Watershed in the Tomki Creek vicinity. Tomki Creek, tributary to the Eel River, has been listed under Clean Water Act Section 303(d) due to the effects of sedimentation. Restoration effort has targeted the riparian area. Tomki Creek is under consideration for removal from the 303(d) list.					
					Range Land					
					Silviculture					
					Erosion/Siltation					
					Nonpoint Source					
1	R	TRINITY RIVER	106.000							
				Sedimentation/Siltation		**Medium**	**170**	**Miles**	**0199**	**1201**
				USEPA will develop TMDL for Trinity River. Sediment TMDLs will be developed for the area tributary to and including: (1) the Trinity River (Upper), (2) the Trinity River (Middle), and (3) the Trinity River (Lower).						
					Range Land					
					Silviculture					
					Resource Extraction					
					Mine Tailings					
					Nonpoint Source					
1	R	TRINITY RIVER, SOUTH FORK	106.200							
				Sedimentation/Siltation		**Low**	**80**	**Miles**	**0397**	**1298**
				USEPA will be developing TMDL for South Fork Trinity River. Sediment TMDLs will be developed for: (1) areas tributary to and including Hayfork/Corral Creeks and (2) areas tributary to and including the South Fork of the Trinity River except Hayfork/Corral Creeks						
					Riparian Grazing					
					Silviculture					
					Nonpoint Source					
				Temperature		**Low**	**80**	**Miles**	**0206**	**1208**
				Elevated temperatures impact coldwater fisheries. USEPA will be developing TMDL for South Fork Trinity River.						
					Riparian Grazing					
					Water Diversions					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
1	R	VAN DUZEN RIVER	111.200							
				Sedimentation/Siltation		**Low**	**63**	**Miles**	**0297**	**1299**
				USEPA is developing TMDL for Van Duzen River. Sediment TMDLs will be developed for: (1) areas tributary to and including Yager Creek, (2) areas tributary to and including the Van Duzen River above Bridgeville, and (3) areas tributary to and including the Van Duzen River below Bridgeville.						
					Range Land					
					Silviculture					
					Erosion/Siltation					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	B	CARQUINEZ STRAIT	207.100							
				Chlordane		Low	6560	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Copper		Medium	6560	Acres	2003	2008
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				DDT		Low	6560	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Diazinon		Medium	6560	Acres	2000	2005
				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	6560	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Dioxin compounds*		High	6560	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		High	6560	Acres	1998	2003
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.						
					Ballast Water					
				Furan compounds*		High	6560	Acres		
				** The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Mercury		**High**	**6560**	**Acres**	**1998**	**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**					
				Nickel		**Low**	**6560**	**Acres**	**2006**	**2010**
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.	**Municipal Point Sources** **Urban Runoff/Storm Sewers** **Other**					
				PCBs		**Medium**	**6560**	**Acres**	**2003**	**2008**
				This listing covers non dioxin-like PCBs. *Interim health advisory for fish; uncertainty regarding water column concentration data.*	**Unknown Nonpoint Source**					
				PCBs (dioxin-like)*		**High**	**6560**	**Acres**		
				** The specific dioxin-like PCBs 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**	**6560**	**Acres**	**2006**	**2010**
				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	B	RICHARDSON BAY	203.130							
				Chlordane		**Low**	**2560**	**Acres**		
				This listing was made by USEPA.	**Nonpoint Source**					
				DDT		**Low**	**2560**	**Acres**		
				This listing was made by USEPA.	**Nonpoint Source**					
				Dieldrin		**Low**	**2560**	**Acres**		
				This listing was made by USEPA.	**Nonpoint Source**					

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE*
				Dioxin compounds*		High	2560	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		High	2560	Acres	1998	2003
				Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.						
					Ballast Water					
				Furan compounds*		High	2560	Acres		
				* The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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		Medium	200	Acres	2003	2008
				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	2560	Acres	1998	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		Medium	2560	Acres	2003	2008
				This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.						
					Unknown Nonpoint Source					
				PCBs (dioxin-like)*		High	2560	Acres		
				* The specific dioxin-like PCBs 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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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	B	SAN FRANCISCO BAY, CENTRAL	203.120							
				Chlordane		Low	67700	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Copper		Medium	67700	Acres	2003	2008
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				DDT		Low	67700	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Diazinon		Medium	67700	Acres	2000	2005
				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	67700	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Dioxin compounds*		High	67700	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		High	67700	Acres	1998	2003
				Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.						
					Ballast Water					
				Furan compounds*		High	67700	Acres		
				** The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Mercury		High	67700	Acres	1998	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		Medium	67700	Acres	2003	2008
				This listing covers non dioxin-like PCBs. *Interim health advisory for fish; uncertainty regarding water column concentration data.*						
					Unknown Nonpoint Source					
				PCBs (dioxin-like)*		High	67700	Acres		
				** The specific dioxin-like PCBs 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	67700	Acres	2006	2010
				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	204.100							
				Chlordane		Low	79900	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Copper		Medium	79900	Acres	2003	2008
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				DDT		Low	79900	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Diazinon		**Medium**	**79900**	**Acres**	**2000**	**2005**
				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**	**79900**	**Acres**		
				This listing was made by USEPA.						
					Nonpoint Source					
				Dioxin compounds*		**High**	**79900**	**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		**High**	**79900**	**Acres**	**1998**	**2003**
				Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.						
					Ballast Water					
				Furan compounds*		**High**	**79900**	**Acres**		
				** The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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**	**79900**	**Acres**	**1998**	**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 objective exceedances. Elevated sediment levels, elevated tissue levels.						
					Industrial Point Sources					
					Municipal Point Sources					
					Resource Extraction					
					Atmospheric Deposition					
					Natural Sources					
					Nonpoint Source					
				Nickel		**Medium**	**79900**	**Acres**	**2003**	**2008**
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels of nickel.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				PCBs		**Medium**	**79900**	**Acres**	**2003**	**2008**
				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	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				PCBs (dioxin-like)*		High	79900	Acres		
				* *The specific dioxin-like PCBs 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	B	SAN FRANCISCO BAY, SOUTH	205.100							
				Chlordane		Low	24500	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Copper		High	24500	Acres	1998	2003
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				DDT		Low	24500	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Diazinon		Medium	24500	Acres	2000	2005
				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	24500	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Dioxin compounds*		High	24500	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		High	24500	Acres	1998	2003
				Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.						
					Ballast Water					
				Furan compounds*		High	24500	Acres		
				* *The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Mercury		High	24500	Acres	1998	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 objective exceedances. Elevated sediment levels, elevated tissue levels.					
					Industrial Point Sources					
					Municipal Point Sources					
					Resource Extraction					
					Atmospheric Deposition					
					Natural Sources					
					Nonpoint Source					
				Nickel		High	24500	Acres	1998	2003
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
				PCBs		Medium	24500	Acres	2003	2008
				This listing covers non dioxin-like PCBs.						
				Interim health advisory for fish; uncertainty regarding water column concentration data.						
					Unknown Nonpoint Source					
				PCBs (dioxin-like)*		High	24500	Acres		
				** The specific dioxin-like PCBs 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	24500	Acres	2006	2010
				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	B	SAN PABLO BAY	206.100							
				Chlordane		Low	71300	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Copper		Medium	71300	Acres	2003	2008
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Atmospheric Deposition					
					Other					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				DDT		Low	71300	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Diazinon		Medium	71300	Acres	2000	2005
				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	71300	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Dioxin compounds*		High	71300	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		High	71300	Acres	1998	2003
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.						
					Ballast Water					
				Furan compounds*		High	71300	Acres		
				** The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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	71300	Acres	1998	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	71300	Acres	2006	2010
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
				PCBs		Medium	71300	Acres	2003	2008
				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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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				PCBs (dioxin-like)*		High	71300	Acres		
				* *The specific dioxin-like PCBs 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	71300	Acres	2006	2010
				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	SUISUN BAY	207.100							
				Chlordane		Low	25000	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Copper		Medium	25000	Acres	2003	2008
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				DDT		Low	25000	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Diazinon		Medium	25000	Acres	2000	2005
				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	25000	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Dioxin compounds*		High	25000	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					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Exotic Species		**High**	**25000**	**Acres**	**1998**	**2003**
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.						
					Ballast Water					
				Furan compounds*		**High**	**25000**	**Acres**		
				** The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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**	**25000**	**Acres**	**1998**	**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**	**25000**	**Acres**	**2006**	**2010**
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
				PCBs		**Medium**	**25000**	**Acres**	**2003**	**2008**
				This listing covers non dioxin-like PCBs.						
				Interim health advisory for fish; uncertainty regarding water column concentration data.						
					Unknown Nonpoint Source					
				PCBs (dioxin-like)*		**High**	**25000**	**Acres**		
				** The specific dioxin-like PCBs 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**	**25000**	**Acres**	**2006**	**2010**
				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					

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	B	TOMALES BAY	201.110							
				Metals		**Medium**	**7820**	**Acres**	**2002**	**2007**
				TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.						
					Mine Tailings					
				Nutrients		**Medium**	**7820**	**Acres**	**2002**	**2007**
				TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.						
					Agriculture					
				Pathogens		**Medium**	**7820**	**Acres**	**2002**	**2007**
				TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.						
					Animal Operations					
					Septage Disposal					
				Sedimentation/Siltation		**Medium**	**7820**	**Acres**	**2002**	**2007**
				TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.						
					Agriculture					
					Upstream Impoundment					
2	E	SACRAMENTO SAN JOAQUIN DELTA	207.100							
				Chlordane		**Low**	**15000**	**Acres**		
				This listing was made by USEPA.						
					Nonpoint Source					
				Copper		**Medium**	**15000**	**Acres**	**2003**	**2008**
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				DDT		**Low**	**15000**	**Acres**		
				This listing was made by USEPA.						
					Nonpoint Source					
				Diazinon		**Medium**	**15000**	**Acres**	**2000**	**2005**
				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**	**15000**	**Acres**		
				This listing was made by USEPA.						
					Nonpoint Source					

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Dioxin compounds*		High	15000	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		High	15000	Acres	1998	2003
				Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.						
					Ballast Water					
				Furan compounds*		High	15000	Acres		
				* *The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-PcCDF 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	15000	Acres	1998	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	15000	Acres	2006	2010
				Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.						
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
				PCBs		Medium	15000	Acres	2003	2008
				This listing covers non dioxin-like PCBs.						
				Interim health advisory for fish; uncertainty regarding water column concentration data.						
					Unknown Nonpoint Source					
				PCBs (dioxin-like)*		High	15000	Acres		
				* *The specific dioxin-like PCBs 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	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Selenium		Low	15000	Acres	2006	2010
				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	L	CALERO RESERVOIR	205.400							
				Mercury		High	350	Acres	1998	2003
				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	L	GUADALUPE RESERVOIR	205.400							
				Mercury		High	80	Acres	1998	2003
				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	L	LAKE HERMAN	207.210							
				Mercury		Low	110	Acres	2005	2010
				Additional monitoring and assessment needed. Problem due to historical mining.						
					Surface Mining					
2	L	MERRITT LAKE	204.200							
				Floating Material		Low	160	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
				Org. enrichment/Low D.O.		Low	160	Acres		
				This listing was made by USEPA.						
					Nonpoint Source					
2	R	ALAMEDA CREEK	204.300							
				Diazinon		Low	50.77	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	ALAMITOS CREEK	205.400							
				Mercury		High	21	Miles	1998	2003
				TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.						
					Mine Tailings					

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	R	ARROYO CORTE MADERA DEL PRESIDIO	203.200							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	3.2	Miles		
2	R	ARROYO DE LA LAGUNA	204.300							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	7.4	Miles		
2	R	ARROYO DEL VALLE	204.300							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	48.7	Miles		
2	R	ARROYO HONDO	204.300							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	9.23	Miles		
2	R	BUTANO CREEK	202.400							
				Sedimentation/Siltation *Impairment to steelhead habitat.*	Nonpoint Source	Medium	1	Miles	2000	2005
2	R	CALABAZAS CREEK	206.401							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	4.7	Miles		
2	R	CORTE MADERA CREEK	203.200							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	4.12	Miles		
2	R	COYOTE CREEK (MARIN CO)	203.200							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	2.62	Miles		
2	R	COYOTE CREEK (SANTA CLARA CO.)	205.300							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	68.63	Miles		
2	R	GALLINAS CREEK	206.200							
				Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	2.4	Miles		

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	R	GUADALUPE CREEK	205.400	**Mercury** *TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.*	**Mine Tailings**	High	6	Miles	1998	2003
2	R	GUADALUPE RIVER	205.400	**Diazinon** *This listing was made by USEPA.*	**Urban Runoff/Storm Sewers**	Low	18.21	Miles		
				Mercury *TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.*	**Mine Tailings**	High	30	Miles	1998	2003
2	R	LAGUNITAS CREEK	201.130	**Nutrients** *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**	Medium	22	Miles	2002	2007
				Pathogens *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**	Medium	22	Miles	2002	2007
				Sedimentation/Siltation *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**	Medium	22	Miles	2002	2007
2	R	LAUREL CREEK	207.230	**Diazinon** *This listing was made by USEPA.*	**Urban Runoff/Storm Sewers**	Low	3.02	Miles		
2	R	LEDGEWOOD CREEK	207.230	**Diazinon** *This listing was made by USEPA.*	**Urban Runoff/Storm Sewers**	Low	12.44	Miles		
2	R	LOS GATOS CREEK (REG 2)	205.400	**Diazinon** *This listing was made by USEPA.*	**Urban Runoff/Storm Sewers**	Low	25.72	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	R	MATADERO CREEK	205.500							
				Diazinon		Low	7.34	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	MILLER CREEK	206.200							
				Diazinon		Low	9.03	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	MT. DIABLO CREEK	207.310							
				Diazinon		Low	12.63	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	NAPA RIVER	206.500							
				Nutrients		Medium	55	Miles	2000	2005
				TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.						
					Agriculture					
				Pathogens		Medium	55	Miles	2000	2005
				TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.						
					Agriculture					
					Urban Runoff/Storm Sewers					
				Sedimentation/Siltation		High	55	Miles	1998	2003
				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	NOVATO CREEK	206.200							
				Diazinon		Low	18.74	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	PERMANENTE CREEK	205.500							
				Diazinon		Low	13.1	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	PESCADERO CREEK (REG 2)	202.400							
				Sedimentation/Siltation		Medium	21	Miles	2000	2005
				Impairment to steelhead habitat.						
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	R	PETALUMA RIVER	206.300							
				Nutrients		Medium	25	Miles	2000	2005
				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	25	Miles	2000	2005
				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	25	Miles	2000	2005
				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	207.310							
				Diazinon		Low	12.56	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	PINOLE CREEK	206.600							
				Diazinon		Low	9.17	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	RODEO CREEK	201.300							
				Diazinon		Low	7.96	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	SAN ANTONIO CREEK (REG 2)	206.300							
				Diazinon		Low	17.77	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	SAN FELIPE CREEK	205.300							
				Diazinon		Low	15.47	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	R	SAN FRANCISQUITO CREEK	205.500							
				Diazinon		Low	12.05	Miles		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Sedimentation/Siltation *Impairment to steelhead habitat.*	Nonpoint Source	Medium	18	Miles	2000	2005
2	R	SAN GREGORIO CREEK	202.300	Sedimentation/Siltation *Impairment to steelhead habitat.*	Nonpoint Source	Medium	16	Miles	2000	2005
2	R	SAN LEANDRO CREEK	204.200	Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	14.77	Miles		
2	R	SAN LORENZO CREEK (R2)	204.200	Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	11.7	Miles		
2	R	SAN MATEO CREEK	204.400	Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	11.05	Miles		
2	R	SAN PABLO CREEK	206.600	Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	16.14	Miles		
2	R	SAN RAFAEL CREEK	203.200	Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	2.8	Miles		
2	R	SARATOGA CREEK	205.500	Diazinon *This listing was made by USEPA.*	Urban Runoff/Storm Sewers	Low	17.86	Miles		
2	R	SONOMA CREEK	206.400	Nutrients *TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.*	Agriculture Construction/Land Development Urban Runoff/Storm Sewers	Medium	23	Miles	2000	2005

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Pathogens		**Medium**	**23**	**Miles**	**2000**	**2005**
				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**	**23**	**Miles**	**2000**	**2005**
				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**	**STEVENS CREEK**	**205.500**							
				Diazinon		**Low**	**22.26**	**Miles**		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	**R**	**SUISUN SLOUGH**	**207.23**							
				Diazinon		**Low**	**10**	**Miles**		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	**R**	**WALKER CREEK**	**201.120**							
				Metals		**Medium**	**25**	**Miles**	**2002**	**2007**
				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**	**25**	**Miles**	**2002**	**2007**
				Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.						
					Agriculture					
				Sedimentation/Siltation		**Medium**	**25**	**Miles**	**2002**	**2007**
				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**	**207.320**							
				Diazinon		**Low**	**9.03**	**Miles**		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					
2	**R**	**WILDCAT CREEK**	**206.600**							
				Diazinon		**Low**	**12.07**	**Miles**		
				This listing was made by USEPA.						
					Urban Runoff/Storm Sewers					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
2	T	SUISUN MARSH WETLANDS	207.230							
				Metals		Medium	57000	Acres	2003	2008
				Additional monitoring and assessment needed.						
					Agriculture					
					Urban Runoff/Storm Sewers					
					Flow Regulation/Modification					
				Nutrients		Medium	57000	Acres	2003	2008
				Additional monitoring and assessment needed.						
					Agriculture					
					Urban Runoff/Storm Sewers					
					Flow Regulation/Modification					
				Org. enrichment/Low D.O.		Medium	57000	Acres	2003	2008
				Additional monitoring and assessment needed.						
					Agriculture					
					Urban Runoff/Storm Sewers					
					Flow Regulation/Modification					
				Salinity		Medium	57000	Acres	2003	2008
				Additional monitoring and assessment needed.						
					Agriculture					
					Urban Runoff/Storm Sewers					
					Flow Regulation/Modification					
3	B	MONTEREY HARBOR	309.500							
				Metals		Medium	74	Acres	0198	0403
					Railroad Slag Pile					
				Unknown Toxicity		Low	74	Acres	0198	0411
					Source Unknown					
3	B	MORRO BAY	310.220							
				Metals		High	100	Acres	0696	0400
					Surface Mining					
					Nonpoint Source					
					Boat Discharges/Vessel Wastes					
				Pathogens		High	50	Acres	0696	0400
					Upland Grazing					
					Urban Runoff/Storm Sewers					
					Septage Disposal					
					Natural Sources					
					Nonpoint Source					
				Sedimentation/Siltation		High	100	Acres	0696	0699
					Agriculture					
					Irrigated Crop Production					
					Construction/Land Development					
					Resource Extraction					
					Channelization					
					Channel Erosion					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
3	B	MOSS LANDING HARBOR	306.000							
				Pathogens		Low	40	Acres	0405	0409
					Agriculture					
					Nonpoint Source					
					Boat Discharges/Vessel Wastes					
				Pesticides		Low	160	Acres	0405	0409
					Agriculture					
					Irrigated Crop Production					
					Specialty Crop Production					
				Sedimentation/Siltation		Low	160	Acres	0405	0409
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Hydromodification					
					Dredging (Hydromod.)					
					Channel Erosion					
					Erosion/Siltation					
					Nonpoint Source					
3	C	MONTEREY BAY SOUTH	309.500							
				Metals		Low	10	Miles	0198	0411
					Surface Mining					
				Pesticides		Low	10	Miles	0198	0411
					Agriculture					
3	C	PACIFIC OCEAN AT POINT RINCON	315.340							
				Pathogens		Medium	5	Miles	0406	0411
					Urban Runoff/Storm Sewers					
					Nonpoint Source					
3	E	CARPINTERIA MARSH (EL ESTERO MARSH)	315.340							
				Nutrients		Low	80	Acres	0406	0411
					Agriculture					
				Org. enrichment/Low D.O.		Low	80	Acres	0406	0411
					Agriculture					
				Priority Organics		Low	80	Acres	0406	0411
					Urban Runoff/Storm Sewers					
				Sedimentation/Siltation		Low	80	Acres	0406	0411
					Agriculture					
					Construction/Land Development					
					Storm sewers					
3	E	ELKHORN SLOUGH	306.000							
				Pathogens		Low	500	Acres	0405	0409
					Natural Sources					
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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				Pesticides		Low	500	Acres	0405	0409
				Industrial discharge from PG&E may transfer pollutants from Old Salinas river and Moss Landing Harbor to the slough.						
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows Contaminated Sediments Erosion/Siltation Nonpoint Source					
				Sedimentation/Siltation		Low	50	Acres	0405	0409
					Agriculture Irrigated Crop Production Agriculture-storm runoff Channel Erosion Nonpoint Source					
3	E	GOLETA SLOUGH/ESTUARY	315.310							
				Metals		Low	200	Acres	0406	0411
					Industrial Point Sources					
				Pathogens		Low	200	Acres	0406	0411
					Urban Runoff/Storm Sewers					
				Priority Organics		Low	200	Acres	0406	0411
					Nonpoint Source					
				Sedimentation/Siltation		Low	200	Acres	0406	0411
					Construction/Land Development					
3	E	OLD SALINAS RIVER ESTUARY	309.100							
				Nutrients		Medium	50	Acres	0198	0403
					Agriculture Irrigated Crop Production Agricultural Return Flows Nonpoint Source					
				Pesticides		Medium	50	Acres	0198	0403
					Agriculture Irrigated Crop Production Agriculture-storm runoff Agriculture-irrigation tailwater Agricultural Return Flows Nonpoint Source					
3	E	SALINAS RIVER LAGOON (NORTH)	309.100							
				Nutrients		Medium	75	Acres	0198	0403
					Nonpoint Source					
				Pesticides		Medium	75	Acres	0198	0403
					Agriculture					

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				Sedimentation/Siltation		Medium	75	Acres	0198	0401
					Nonpoint Source					
3	E	SAN LORENZO RIVER ESTUARY	304.120							
				Pathogens		Medium	20	Acres	0499	0401
					Urban Runoff/Storm Sewers					
					Natural Sources					
				Sedimentation/Siltation		High	20	Acres	0198	0400
					Hydromodification					
3	E	WATSONVILLE SLOUGH	305.100							
				Metals		Medium	300	Acres	0199	0403
					Agriculture					
					Urban Runoff/Storm Sewers					
				Oil and grease		Medium	300	Acres	0199	0403
					Urban Runoff/Storm Sewers					
					Nonpoint Source					
				Pathogens		Medium	300	Acres	0199	0403
					Urban Runoff/Storm Sewers					
					Source Unknown					
					Nonpoint Source					
				Pesticides		Medium	300	Acres	0199	0403
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
					Nonpoint Source					
				Sedimentation/Siltation		Medium	300	Acres	0198	0401
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Nonpoint Source					
3	L	HERNANDEZ RESERVOIR	305.500							
				Mercury		Medium	619	Acres	0198	0403
					Subsurface Mining					
3	L	NACIMIENTO RESERVOIR	309.820							
				Metals		High	5370	Acres	0997	0400
					Subsurface Mining					
					Natural Sources					
3	R	APTOS CREEK	304.130							
				Pathogens		Low	4	Miles	0405	0411
					Urban Runoff/Storm Sewers					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

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				Sedimentation/Siltation		Medium	4	Miles	0101	0401
					Disturbed Sites (Land Develop.)					
					Channel Erosion					
3	R	ARROYO BURRO CREEK	315.320							
				Pathogens		Medium	6	Miles	0406	0411
					Urban Runoff/Storm Sewers					
					Nonpoint Source					
3	R	BLANCO DRAIN	309.100							
				Pesticides		Medium	8	Miles	0198	0405
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agriculture-irrigation tailwater					
					Agricultural Return Flows					
					Nonpoint Source					
3	R	CARBONERA CREEK	304.120							
				Nutrients		High	10	Miles	0493	0400
					Nonpoint Source					
				Pathogens		Medium	10	Miles	0499	0401
					Urban Runoff/Storm Sewers					
					Nonpoint Source					
				Sedimentation/Siltation		High	10	Miles	0198	0400
					Construction/Land Development					
					Nonpoint Source					
3	R	CARPINTERIA CREEK	315.340							
				Pathogens		Low	6	Miles	0406	0411
					Agriculture					
					Septage Disposal					
					Nonpoint Source					
3	R	CHORRO CREEK	310.220							
				Metals		High	11	Miles	0696	0400
					Resource Extraction					
					Mine Tailings					
				Nutrients		High	11	Miles	0696	0400
					Municipal Point Sources					
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					

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				Sedimentation/Siltation		High	11	Miles	0696	0699
					Agriculture					
					Irrigated Crop Production					
					Range Land					
					Upland Grazing					
					Agriculture-storm runoff					
					Construction/Land Development					
					Road Construction					
					Resource Extraction					
					Hydromodification					
					Channelization					
					Streambank Modification/Destabilization					
					Channel Erosion					
					Natural Sources					
					Golf course activities					
					Erosion/Siltation					
					Nonpoint Source					
3	R	CLEAR CREEK (R3)	304.120	Mercury		Medium	2	Miles	0198	0403
					Resource Extraction					
3	R	LAS TABLAS CREEK	309.810	Metals		High	13	Miles	0997	0400
					Surface Mining					
3	R	LAS TABLAS CREEK, NORTH FORK	309.810	Metals		High	5	Miles	0997	0400
					Surface Mining					
3	R	LAS TABLAS CREEK, SOUTH FORK	309.810	Metals		High	4	Miles	0997	0400
					Surface Mining					

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3	R	LLAGAS CREEK	305.300							
				Nutrients		High	22	Miles	0198	0401
					Municipal Point Sources					
					Agriculture					
					Irrigated Crop Production					
					Pasture Land					
					Agriculture-storm runoff					
					Agriculture-irrigation tailwater					
					Agricultural Return Flows					
					Urban Runoff/Storm Sewers					
					Habitat Modification					
					Nonpoint Source					
					Point Source					
				Sedimentation/Siltation		Medium	22	Miles	0198	0401
					Agriculture					
					Hydromodification					
					Habitat Modification					
3	R	LOMPICO CREEK	304.120							
				Nutrients		High	5	Miles	0493	0400
					Septage Disposal					
				Pathogens		Medium	5	Miles	0499	0401
					Septage Disposal					
					Natural Sources					
					Nonpoint Source					
				Sedimentation/Siltation		High	5	Miles	0198	0400
					Construction/Land Development					
					Natural Sources					
3	R	LOS OSOS CREEK	310.220							
				Nutrients		High	10	Miles	0696	0400
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
				Priority Organics		High	10	Miles	0696	0400
					Urban Runoff/Storm Sewers					

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				Sedimentation/Siltation		High	10	Miles	0696	0699
					Agriculture					
					Irrigated Crop Production					
					Range Land					
					Upland Grazing					
					Agriculture-storm runoff					
					Hydromodification					
					Channelization					
					Dredging (Hydromod.)					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Channel Erosion					
					Natural Sources					
					Erosion/Siltation					
					Nonpoint Source					
3	R	MISSION CREEK	315.320							
				Pathogens		Low	9	Miles	0406	0411
					Urban Runoff/Storm Sewers					
					Septage Disposal					
				Unknown Toxicity		Low	9	Miles	0406	0411
					Urban Runoff/Storm Sewers					
3	R	PAJARO RIVER	305.000							
				Nutrients		High	49	Miles	0198	0401
					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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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Sedimentation/Siltation		Medium	49	Miles	0198	0401
					Agriculture					
					Irrigated Crop Production					
					Range Land					
					Agriculture-storm runoff					
					Resource Extraction					
					Surface Mining					
					Hydromodification					
					Channelization					
					Habitat Modification					
					Removal of Riparian Vegetation					
					Streambank Modification/Destabilization					
					Channel Erosion					
3	R	RIDER GULCH CREEK	305.100	Sedimentation/Siltation		Medium	2	Miles	0198	0401
					Agriculture					
					Silviculture					
					Construction/Land Development					
3	R	SALINAS RECLAMATION CANAL	309.200	Pesticides		Medium	20	Miles	0198	0405
					Minor Industrial Point Source					
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agriculture-irrigation tailwater					
					Agricultural Return Flows					
					Nonpoint Source					
				Priority Organics		Medium	20	Miles	0198	0405
					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	309.100	Nutrients		Medium	50	Miles	0198	0403
					Agriculture					

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				Pesticides		Medium	50	Miles	0198	0403
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agriculture-irrigation tailwater					
					Agricultural Return Flows					
					Nonpoint Source					
				Salinity/TDS/Chlorides		Medium	50	Miles	0198	0403
					Agriculture					
				Sedimentation/Siltation		Medium	90	Miles	0198	0401
					Agriculture					
					Irrigated Crop Production					
					Range Land					
					Agriculture-storm runoff					
					Road Construction					
					Land Development					
					Channel Erosion					
					Nonpoint Source					
3	R	SAN ANTONIO CREEK (SANTA BARBARA COUNTY)	315.310							
				Sedimentation/Siltation		Low	6	Miles	0406	0411
					Agriculture					
					Nonpoint Source					
3	R	SAN BENITO RIVER	305.500							
				Sedimentation/Siltation		Medium	86	Miles	0198	0401
					Agriculture					
					Resource Extraction					
					Nonpoint Source					
3	R	SAN LORENZO RIVER	304.120							
				Nutrients		High	25	Miles	0493	0400
					Septage Disposal					
					Nonpoint Source					
				Pathogens		High	25	Miles	1999	2001
					Urban Runoff/Storm Sewers					
					Septage Disposal					
				Sedimentation/Siltation		High	25	Miles	1298	0400
					Silviculture					
					Construction/Land Development					
					Land Development					
					Urban Runoff/Storm Sewers					

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Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
3	R	SAN LUIS OBISPO CRK.(BELOW W.MARSH ST.)	310.240							
				Nutrients		High	9	Miles	0493	0400
					Municipal Point Sources					
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
				Pathogens		High	9	Miles	0493	0400
					Urban Runoff/Storm Sewers					
				Priority Organics		Medium	9	Miles	0498	0401
					Industrial Point Sources					
3	R	SANTA YNEZ RIVER	314.000							
				Nutrients		Low	70	Miles	0403	0407
					Nonpoint Source					
				Salinity/TDS/Chlorides		Low	70	Miles	0403	0407
					Agriculture					
				Sedimentation/Siltation		Low	70	Miles	0403	0407
					Agriculture					
					Urban Runoff/Storm Sewers					
					Resource Extraction					
3	R	SHINGLE MILL CREEK	304.120							
				Nutrients		High	2	Miles	0198	0401
					Septage Disposal					
				Sedimentation/Siltation		High	2	Miles	0198	0401
					Construction/Land Development					
					Nonpoint Source					
3	R	VALENCIA CREEK	304.130							
				Pathogens		Low	7	Miles	0406	0411
					Agriculture					
					Septage Disposal					
				Sedimentation/Siltation		Medium	7	Miles	0401	0405
					Agriculture					
					Construction/Land Development					
3	R	WADDELL CREEK, EAST BRANCH	304.110							
				Nutrients		Medium	3	Miles	0401	0405
					Municipal Point Sources					
3	W	ESPINOSA SLOUGH	309.100							
				Nutrients		Medium	320	Acres	0198	0403
					Agriculture					
					Storm sewers					
				Pesticides		Medium	320	Acres	0198	0403
					Agriculture					
					Urban Runoff/Storm Sewers					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Priority Organics		Medium	320	Acres	0198	0403
					Nonpoint Source					
3	W	MORO COJO SLOUGH	309.100							
				Pesticides		Low	345	Acres	0198	0411
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
					Nonpoint Source					
				Sedimentation/Siltation		Low	345	Acres	0198	0411
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Construction/Land Development					
					Nonpoint Source					
3	W	SALINAS RIVER REFUGE LAGOON (SOUTH)	309.100							
				Nutrients		Medium	163	Acres	0198	0401
					Agriculture					
				Pesticides		Medium	163	Acres	0198	0403
					Agriculture					
				Salinity/TDS/Chlorides		Medium	163	Acres	0198	0403
					Agriculture					
3	W	SCHWAN LAKE	304.120							
				Nutrients		Low	32	Acres	0406	0411
					Nonpoint Source					
				Pathogens		Low	32	Acres	0406	0411
					Urban Runoff/Storm Sewers					
					Natural Sources					
3	W	SOQUEL LAGOON	304.130							
				Nutrients		Low	2	Acres	0403	0407
					Septage Disposal					
					Nonpoint Source					
				Pathogens		Low	2	Acres	0403	0407
					Urban Runoff/Storm Sewers					
					Natural Sources					
					Nonpoint Source					
				Sedimentation/Siltation		Medium	2	Acres	0401	0405
					Construction/Land Development					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
3	W	TEMBLADERO SLOUGH	309.100							
				Nutrients		Medium	150	Acres	0198	0403
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
					Nonpoint Source					
				Pesticides		Medium	150	Acres	0198	0403
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
					Nonpoint Source					
4	B	CHANNEL ISLANDS HARBOR	403.11							
				Lead		Low	220	Acres		
				Elevated levels of lead in sediment.						
					Nonpoint Source					
				Zinc		Low	220	Acres		
				Elevated levels of zinc in sediment.						
					Nonpoint Source					
4	B	LA FISH HARBOR	405.12							
				DDT		High	50	Acres		
					Nonpoint/Point Source					
				PAHs		High	50	Acres		
					Nonpoint/Point Source					
				PCBs		High	50	Acres		
					Nonpoint/Point Source					
				Tributyltin		Low	0	Acres		
					Nonpoint/Point Source					
4	B	LA HARBOR CONSOLIDATED SLIP	405.12							
				Benthic Comm. Effects		High	37.13	Acres		
					Nonpoint Source					
				Chlordane		Medium	37.13	Acres		
				Elevated levels of chlordane in tissue and sediment.						
					Nonpoint Source					
				Chromium		Medium	37.13	Acres		
				Elevated levels of chromium in sediment.						
					Nonpoint Source					
				DDT		High	37.13	Acres		
				Elevated levels of DDT in tissue and sediment. Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				Lead		Low	37.13	Acres		
				Elevated levels of lead in sediment.						
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				PAHs		High	37.13	Acres		
				Elevated levels of PAHs in sediment.	Nonpoint Source					
				PCBs		High	37.13	Acres		
				Elevated levels of PCBs in tissue and sediment. Fish Consumption Advisory for PCBs.	Nonpoint Source					
				Sediment Toxicity		High	37.13	Acres		
					Nonpoint Source					
				Tributyltin		Low	37.13	Acres		
				Elevated levels of tributyltin in tissue.	Nonpoint Source					
				Zinc		Medium	37.13	Acres		
				Elevated levels of zinc in tissue and sediment.	Nonpoint Source					
4	B	LA HARBOR INNER BREAKWATER	405.12							
				DDT		High	1.5	Miles		
					Nonpoint/Point Source					
				PAHs		High	1.5	Miles		
					Nonpoint/Point Source					
				PCBs		High	1.5	Miles		
					Nonpoint/Point Source					
				Tributyltin		Low	1.5	Miles		
					Nonpoint/Point Source					
4	B	LA HARBOR MAIN CHANNEL	405.12							
				Beach Closures		Low	3785	Acres		
					Nonpoint/Point Source					
				Copper		Low	3785	Acres		
				Elevated levels of copper in tissue and sediment.	Nonpoint/Point Source					
				DDT		High	3785	Acres		
				Elevated levels of DDT in tissue and sediment. Fish Consumption Advisory for DDT.	Nonpoint/Point Source					
				PAHs		High	3785	Acres		
				Elevated levels of PAHs in tissue and sediment.	Nonpoint/Point Source					
				PCBs		High	3785	Acres		
				Elevated levels of PCBs in tissue and sediment. Fish Consumption Advisory for PCBs.	Nonpoint/Point Source					
				Sediment Toxicity		Low	3785	Acres		
					Nonpoint/Point Source					
				Tributyltin		Low	3785	Acres		
				Elevated levels of tributyltin in sediment.	Nonpoint/Point Source					

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				Zinc		Low	3785	Acres		
				Elevated levels of zinc in tissue and sediment.						
					Nonpoint/Point Source					
4	B	LA HARBOR SOUTHWEST SLIP	405.12							
				DDT		High	30	Acres		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	30	Acres		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
				Sediment Toxicity		Medium	30	Acres		
					Nonpoint Source					
4	B	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	405.12							
				Benthic Comm. Effects		Medium	3594	Acres		
					Nonpoint Source					
				DDT		High	3594	Acres		
				Elevated levels of DDT in tissue. Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PAHs		High	3594	Acres		
				Elevated levels of PAHs in sediment.						
					Nonpoint Source					
				PCBs		High	3594	Acres		
				Elevated levels of PCBs in tissue. Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
				Sediment Toxicity		Medium	3594	Acres		
					Nonpoint Source					
4	B	MARINA DEL REY HARBOR-BACK BASINS	405.13							
				Benthic Comm. Effects		Low	413	Acres		
					Nonpoint Source					
				Chlordane		High	413	Acres		
				Elevated levels of chlordane in tissue and sediment.						
					Nonpoint Source					
				Copper		Medium	413	Acres		
				Elevated levels of copper in tissue and sediment.						
					Nonpoint Source					
				DDT		High	413	Acres		
				Elevated levels of DDT in tissue and sediment. Shellfish Harvesting Advisory for DDT.						
					Nonpoint Source					
				Dieldrin		Low	413	Acres		
				Elevated levels of dieldrin in tissue.						
					Nonpoint Source					

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Fish Consumption Advisory	Nonpoint Source	High	413	Acres		
				High Coliform Count	Nonpoint Source	High	413	Acres		
				Lead *Elevated levels of lead in tissue and sediment.*	Nonpoint Source	Low	413	Acres		
				PCBs *Elevated levels of PCBs in tissue. Shellfish Harvesting Advisory for PCBs.*	Nonpoint Source	High	413	Acres		
				Sediment Toxicity	Nonpoint Source	Medium	413	Acres		
				Tributyltin *Elevated levels of tributyltin in tissue.*	Nonpoint Source	Low	413	Acres		
				Zinc *Elevated levels of zinc in tissue and sediment.*	Nonpoint Source	Medium	413	Acres		
4	B	PORT HUENEME HARBOR (BACK BASINS)	403.11							
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	High	50	Acres		
				PAHs *Elevated levels of PAHs in sediment.*	Nonpoint Source	High	59	Acres		
				PCBs *Elevated levels of PCBs in tissue.*	Nonpoint Source	High	50	Acres		
				Tributyltin *Elevated levels of tributyltin in tissue.*	Nonpoint Source	Low	50	Acres		
				Zinc *Elevated levels of zinc in tissue.*	Nonpoint Source	Low	50	Acres		
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	405.12							
				Chromium *Elevated levels of chromium in sediment.*	Nonpoint/Point Source	Low	10700	Acres		
				Copper *Elevated levels of copper in sediment.*	Nonpoint/Point Source	Low	10700	Acres		

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				DDT		High	10700	Acres		
				Elevated levels of DDT in tissue and sediment. Fish Consumption Advisory for DDT.						
					Nonpoint/Point Source					
				PAHs		High	10700	Acres		
				Elevated levels of PAHs in sediment.						
					Nonpoint/Point Source					
				PCBs		High	10700	Acres		
				Fish Consumption Advisory for PCBs.						
					Nonpoint/Point Source					
				Sediment Toxicity		Medium	10700	Acres		
					Nonpoint/Point Source					
				Zinc		Low	10700	Acres		
				Elevated levels of zinc in sediment.						
					Nonpoint/Point Source					
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	413.00							
				Cadmium		Low	16640	Acres		
				Elevated levels of cadmium in sediment.						
					Nonpoint/Point Source					
				Chlordane		Low	16640	Acres		
				Elevated levels of chlordane in sediment.						
					Nonpoint/Point Source					
				Copper		Low	16640	Acres		
				Elevated levels of copper in sediment.						
					Nonpoint/Point Source					
				DDT		High	16640	Acres		
				Elevated levels of DDT in tissue and sediment.						
					Nonpoint/Point Source					
				Debris		Low	16640	Acres		
					Nonpoint/Point Source					
				Fish Consumption Adviso		High	16640	Acres		
					Nonpoint/Point Source					
				Lead		Low	16640	Acres		
				Elevated levels of lead in tissue and sediment.						
					Nonpoint/Point Source					
				Mercury		Medium	16640	Acres		
				Elevated levels of mercury in sediment.						
					Nonpoint/Point Source					
				Nickel		Low	16640	Acres		
				Elevated levels of nickel in sediment.						
					Nonpoint/Point Source					
				PAHs		High	16640	Acres		
				Elevated levels of PAHs in sediment.						
					Nonpoint/Point Source					

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				PCBs		High	16640	Acres		
				Elevated levels of PCBs in tissue and sediment.	Nonpoint/Point Source					
				Sediment Toxicity		Medium	16640	Acres		
					Nonpoint/Point Source					
				Silver		Low	16640	Acres		
				Elevated levels of silver in tissue.	Nonpoint/Point Source					
				Zinc		Low	16640	Acres		
				Elevated levels of zinc in sediment.	Nonpoint/Point Source					
4	B	VENTURA HARBOR: VENTURA KEYES	403.11							
				High Coliform Count		High	40	Acres		
					Nonpoint Source					
4	C	ABALONE COVE BEACH	405.11							
				Beach Closures		Medium	0.94	Miles		
					Nonpoint Source					
				DDT		High	0.94	Miles		
				Elevated levels of DDT in sediment.	Nonpoint Source					
				PCBs		High	0.94	Miles		
				Fish Consumption Advisory for PCBs.	Nonpoint Source					
4	C	AMARILLO BEACH	404.21							
				DDT		High	0.3	Miles		
				Fish Consumption Advisory for DDT.	Nonpoint Source					
				PCBs		High	0.3	Miles		
				Fish Consumption Advisory for PCBs.	Nonpoint Source					
4	C	BIG ROCK BEACH	404.16							
				Beach Closures		Medium	1.09	Miles		
					Nonpoint Source					
				DDT		High	1.09	Miles		
				Fish Consumption Advisory for DDT.	Nonpoint Source					
				High Coliform Count		High	1.09	Miles		
					Nonpoint Source					
				PCBs		High	1.09	Miles		
				Fish Consumption Advisory for PCBs.	Nonpoint Source					

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4	C	BLUFF COVE BEACH	405.11							
				Beach Closures	Nonpoint Source	Medium	0.61	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.61	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	0.61	Miles		
4	C	CABRILLO BEACH (INNER) LA HARBOR AREA	405.12							
				Beach Closures (Coliform)	Nonpoint Source	Low	0.79	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.79	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	0.79	Miles		
4	C	CABRILLO BEACH OUTER	405.12							
				Beach Closures	Nonpoint Source	Medium	0.51	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.51	Miles		
				High Coliform Count	Nonpoint Source	High	0.51	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	0.51	Miles		
4	C	CARBON BEACH	404.16							
				Beach Closures	Nonpoint Source	Medium	1.48	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	1.48	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	1.48	Miles		
4	C	CASTLEROCK BEACH	405.13							
				Beach Closures	Nonpoint Source	Medium	0.81	Miles		

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				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.81	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	0.81	Miles		
4	C	DAN BLOCKER MEMORIAL (CORAL) BEACH	404.31							
				High Coliform Count	Nonpoint Source	High	1.04	Miles		
4	C	DOCKWEILER BEACH	405.12							
				Beach Closures	Nonpoint Source	Medium	5.4	Miles		
				High Coliform Count	Nonpoint Source	High	5.4	Miles		
4	C	ESCONDIDO BEACH	404.34							
				Beach Closures	Nonpoint Source	Medium	2.05	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	2.05	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	2.05	Miles		
4	C	FLAT ROCK POINT BEACH AREA	405.11							
				Beach Closures	Nonpoint Source	Medium	0.3	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.3	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	0.3	Miles		
4	C	HERMOSA BEACH	405.12							
				Beach Closures	Nonpoint Source	Medium	1.88	Miles		
4	C	INSPIRATION POINT BEACH	405.11							
				Beach Closures	Nonpoint Source	Medium	0.3	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.3	Miles		

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				PCBs		High	0.3	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	LA COSTA BEACH	404.16							
				Beach Closures		Medium	0.74	Miles		
					Nonpoint Source					
				DDT		High	0.74	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	0.74	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	LAS FLORES BEACH	404.15							
				DDT		High	0.76	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				High Coliform Count		High	0.76	Miles		
					Nonpoint Source					
				PCBs		High	0.76	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	LAS TUNAS BEACH	404.12							
				Beach Closures		Medium	1.25	Miles		
					Nonpoint Source					
				DDT		High	1.25	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	1.25	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	LEO CARILLO BEACH (SOUTH OF COUNTY LINE)	404.44							
				Beach Closures		Medium	1.15	Miles		
					Nonpoint Source					
				High Coliform Count		High	1.15	Miles		
					Nonpoint Source					
4	C	LONG POINT BEACH	405.11							
				DDT		High	0.45	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				High Coliform Count		High	0.45	Miles		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				PCBs		High	0.45	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	LUNADA BAY BEACH	405.11							
				Beach Closures		Medium	0.35	Miles		
					Nonpoint Source					
4	C	MALAGA COVE BEACH	405.11							
				Beach Closures		Medium	1.13	Miles		
					Nonpoint Source					
				DDT		High	1.13	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	1.13	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	MALIBU BEACH	404.21							
				Beach Closures		Medium	0.53	Miles		
					Nonpoint Source					
				DDT		High	0.53	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
4	C	MALIBU LAGOON BEACH (SURFRIDER)	404.21							
				Beach Closures		Medium	0.66	Miles		
					Nonpoint Source					
				DDT		High	0.66	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				High Coliform Count		High	0.66	Miles		
					Nonpoint Source					
				PCBs		High	0.66	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	MANDALAY BEACH	403.11							
				Beach Closures		Low	1.55	Miles		
					Nonpoint Source					
4	C	MANHATTAN BEACH	405.12							
				Beach Closures		Medium	2.08	Miles		
					Nonpoint Source					
4	C	MARINA DEL REY HARBOR BEACH	405.13							
				Beach Closures		Medium	0.65	Miles		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				High Coliform Count	Nonpoint Source	High	0.65	Miles		
4	C	MCGRATH BEACH	403.11							
				Beach Closures	Nonpoint Source	Low	1.35	Miles		
				High Coliform Count	Nonpoint Source	Medium	1.35	Miles		
4	C	NICHOLAS CANYON BEACH	404.43							
				Beach Closures	Nonpoint Source	Medium	1.94	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	1.94	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	1.94	Miles		
4	C	PALO VERDE SHORELINE PARK BEACH	413.057							
				Pathogens	Source Unknown	Low	0.12	Miles		
				Pesticides	Source Unknown	Low	0.12	Miles		
4	C	PARADISE COVE BEACH	404.35							
				Beach Closures	Nonpoint Source	Medium	1.33	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	1.33	Miles		
				High Coliform Count	Nonpoint Source	High	1.33	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	1.33	Miles		
4	C	POINT DUME BEACH	404.36							
				Beach Closures	Nonpoint Source	Medium	0.95	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.95	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	0.95	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	C	POINT FERMIN PARK BEACH	405.11							
				Beach Closures		Medium	1.5	Miles		
					Nonpoint Source					
				DDT		High	1.5	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	1.5	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	POINT VICENTE BEACH	405.11							
				Beach Closures		Medium	2.13	Miles		
					Nonpoint Source					
4	C	PORTUGESE BEND BEACH	405.11							
				Beach Closures		Medium	2.2	Miles		
					Nonpoint Source					
				DDT		High	2.2	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	2.2	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	PUERCO BEACH	404.31							
				Beach Closures		Medium	1.68	Miles		
					Nonpoint Source					
				DDT		High	1.68	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	1.68	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	REDONDO BEACH	405.12							
				Beach Closures		Medium	1.37	Miles		
					Nonpoint Source					
				DDT		High	1.37	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				High Coliform Count		High	1.37	Miles		
					Nonpoint Source					
				PCBs		High	1.37	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	C	RESORT POINT BEACH	405.11							
				Beach Closures		Medium	0.49	Miles		
					Nonpoint Source					
4	C	ROBERT H MEYER MEMORIAL BEACH	404.42							
				Beach Closures		Medium	1.23	Miles		
					Nonpoint Source					
				DDT		High	1.23	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	1.23	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	ROCKY POINT BEACH	405.11							
				Beach Closures		Medium	0.52	Miles		
					Nonpoint Source					
4	C	ROYAL PALMS BEACH	405.11							
				Beach Closures		Medium	1.06	Miles		
					Nonpoint Source					
				DDT		High	1.06	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	1.06	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					
4	C	SANTA CLARA RIVER ESTUARY BEACH/SURFERS KNOLL	403.11							
				High Coliform Count		Low	0.56	Miles		
					Nonpoint Source					
4	C	SANTA MONICA BEACH	405.13							
				Beach Closures		Medium	2.95	Miles		
					Nonpoint Source					
				High Coliform Count		High	2.95	Miles		
					Nonpoint Source					
4	C	SEA LEVEL BEACH	404.41							
				Beach Closures		Medium	0.67	Miles		
					Nonpoint Source					
				DDT		High	0.67	Miles		
				Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				PCBs		High	0.67	Miles		
				Fish Consumption Advisory for PCBs.						
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	C	TOPANGA BEACH	404.11							
				Beach Closures	Nonpoint Source	Medium	1.01	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	1.01	Miles		
				High Coliform Count	Nonpoint Source	High	1.01	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	1.01	Miles		
4	C	TORRANCE BEACH	405.12							
				Beach Closures	Nonpoint Source	Medium	0.58	Miles		
				High Coliform Count	Nonpoint Source	High	0.58	Miles		
4	C	TRANCAS BEACH (BROAD BEACH)	404.37							
				Beach Closures	Nonpoint Source	Medium	2.02	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	2.02	Miles		
				High Coliform Count	Nonpoint Source	High	2.02	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	2.02	Miles		
4	C	VENICE BEACH	405.13							
				Beach Closures	Nonpoint Source	Medium	1.5	Miles		
				High Coliform Count	Nonpoint Source	High	1.5	Miles		
4	C	WHITES POINT BEACH	405.11							
				Beach Closures	Nonpoint Source	Medium	0.7	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	0.7	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	0.7	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	C	WILL ROGERS BEACH	405.13							
				Beach Closures	Nonpoint Source	Medium	2.2	Miles		
				High Coliform Count	Nonpoint Source	High	2.2	Miles		
4	C	ZUMA (WESTWARD BEACH)	404.36							
				Beach Closures	Nonpoint Source	Medium	1.65	Miles		
				DDT *Fish Consumption Advisory for DDT.*	Nonpoint Source	High	1.65	Miles		
				PCBs *Fish Consumption Advisory for PCBs.*	Nonpoint Source	High	1.65	Miles		
4	E	MALIBU LAGOON	404.21							
				Benthic Comm. Effects	Nonpoint/Point Source	Medium	32.5	Acres		
				Enteric Viruses	Nonpoint/Point Source	High	32.5	Acres		
				Eutrophic	Nonpoint/Point Source	Medium	32.5	Acres	0193	1202
				High Coliform Count	Nonpoint/Point Source	High	32.5	Acres		
				Shellfish Harvesting Adv.	Nonpoint/Point Source	Medium	32.5	Acres		
				Swimming Restrictions	Nonpoint/Point Source	High	32.5	Acres		
4	E	MUGU LAGOON	403.11							
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint Source	High	2000	Acres	1298	
				Copper	Nonpoint/Point Source	Medium	2000	Acres		
				Dacthal *Elevated levels of dacthal in tissue.*	Nonpoint Source	High	2000	Acres	1298	
				DDT *Elevated levels of DDT in tissue and sediment. Effects on bird reproductivity from DDT.*	Nonpoint Source	High	2000	Acres	1298	
				Endosulfan *Elevated levels of endosulfan in tissue.*	Nonpoint Source	High	2000	Acres	1298	
				Mercury	Nonpoint/Point Source	High	2000	Acres		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Nickel		Medium	2000	Acres		
					Nonpoint/Point Source					
				Nitrogen		Low	2000	Acres	1298	
					Nonpoint/Point Source					
				PCBs		High	2000	Acres		
				Elevated levels of PCBs in tissue.						
					Nonpoint/Point Source					
				Sediment Toxicity		High	2000	Acres		
					Nonpoint/Point Source					
				Sedimentation/Siltation		High	2000	Acres		
					Nonpoint/Point Source					
				Zinc		Medium	2000	Acres		
					Nonpoint/Point Source					
4	L	CRYSTAL LAKE	405.43							
				Org. enrichment/Low D.O.		Low	5.8	Acres		
					Nonpoint Source					
4	L	ECHO PARK LAKE	405.15							
				Algae		Low	23	Acres		
					Nonpoint Source					
				Ammonia		Low	23	Acres	0194	1299
					Nonpoint Source					
				Copper		Low	23	Acres		
					Nonpoint Source					
				Eutrophic		Low	23	Acres		
					Nonpoint Source					
				Lead		Low	23	Acres		
					Nonpoint Source					
				Odors		Low	23	Acres		
					Nonpoint Source					
				PCBs		Medium	23	Acres		
				Elevated levels of PCBs in tissue.						
					Nonpoint Source					
				pH		Medium	23	Acres		
					Nonpoint Source					
				Trash		High	23	Acres		
					Nonpoint Source					
4	L	EL DORADO LAKES	405.15							
				Algae		Low	220	Acres		
					Nonpoint Source					
				Ammonia		Low	220	Acres	0194	1299
					Nonpoint Source					
				Copper		Low	220	Acres		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Eutrophic	Nonpoint Source	Low	220	Acres		
				Lead	Nonpoint Source	Low	220	Acres		
				Mercury *Elevated levels of mercury in tissue.*	Nonpoint Source	Medium	220	Acres		
				pH	Nonpoint Source	Medium	220	Acres		
4	L	ELIZABETH LAKE	403.51							
				Eutrophic	Nonpoint Source	Low	194	Acres		
				Org. enrichment/Low D.O.	Nonpoint Source	Medium	194	Acres		
				pH	Nonpoint Source	Medium	194	Acres		
				Trash	Nonpoint Source	Low	194	Acres		
4	L	LAKE CALABASAS	405.21							
				Ammonia	Nonpoint Source	Low	28	Acres		
				Copper *Elevated levels of copper in tissue.*	Nonpoint Source	Medium	28	Acres		
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	High	28	Acres		
				Eutrophic	Nonpoint Source	Medium	28	Acres		
				Odors	Nonpoint Source	Low	28	Acres		
				Org. enrichment/Low D.O.	Nonpoint Source	Medium	28	Acres		
				pH	Nonpoint Source	Medium	28	Acres		
				Zinc *Elevated levels of zinc in tissue.*	Nonpoint Source	Low	28	Acres		
4	L	LAKE HUGHES	403.51							
				Algae	Nonpoint Source	Low	34	Acres		
				Eutrophic	Nonpoint Source	Medium	34	Acres		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Fish Kills	Nonpoint Source	Medium	34	Acres		
				Odors	Nonpoint Source	Low	34	Acres		
				Trash	Nonpoint Source	Low	34	Acres		
4	L	LAKE LINDERO	404.23							
				Algae	Nonpoint Source	Medium	13.56	Acres		
				Chloride	Nonpoint Source	Low	13.56	Acres		
				Eutrophic	Nonpoint Source	Medium	13.56	Acres	0193	1202
				Odors	Nonpoint Source	Low	13.56	Acres		
				Selenium *Elevated levels of selenium in tissue.*	Nonpoint Source	Low	13.56	Acres		
				Specific conductivity	Nonpoint Source	Low	13.56	Acres		
				Trash	Nonpoint Source	Low	13.56	Acres		
4	L	LAKE SHERWOOD	404.26							
				Algae	Nonpoint Source	Medium	213	Acres		
				Ammonia	Nonpoint Source	Low	213	Acres		
				Eutrophic	Nonpoint Source	Medium	213	Acres	0193	1202
				Mercury *Elevated levels of mercury in tissue.*	Nonpoint Source	Medium	213	Acres		
				Org. enrichment/Low D.O.	Nonpoint Source	Medium	213	Acres		
4	L	LEGG LAKE	405.41							
				Ammonia	Nonpoint Source	Low	70	Acres		
				Copper	Nonpoint Source	Low	70	Acres		
				Lead	Nonpoint Source	Low	70	Acres		
				Odors	Nonpoint Source	Low	70	Acres		

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Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				pH		Medium	70	Acres		
					Nonpoint Source					
				Trash		High	70	Acres		
					Nonpoint Source					
4	L	LINCOLN PARK LAKE	405.15							
				Ammonia		Low	7	Acres	0194	1299
					Nonpoint Source					
				Eutrophic		Medium	7	Acres		
					Nonpoint Source					
				Lead		Low	7	Acres		
					Nonpoint Source					
				Odors		Low	7	Acres		
					Nonpoint Source					
				Org. enrichment/Low D.O.		Medium	7	Acres		
					Nonpoint Source					
				Trash		High	7	Acres		
					Nonpoint Source					
4	L	MACHADO LAKE (HARBOR PARK LAKE)	405.12							
				Algae		Low	45.2	Acres		
					Nonpoint Source					
				Ammonia		Low	45.2	Acres		
					Nonpoint Source					
				ChemA		High	45.2	Acres		
				Elevated levels of chemA pesticides in tissue.						
					Nonpoint Source					
				Chlordane		High	45.2	Acres		
				Elevated levels of chlordane in tissue. Fish Consumption Advisory for chlordane.						
					Nonpoint Source					
				DDT		High	45.2	Acres		
				Elevated levels of DDT in tissue. Fish Consumption Advisory for DDT.						
					Nonpoint Source					
				Dieldrin		High	45.2	Acres		
				Elevated levels of dieldrin in tissue.						
					Nonpoint Source					
				Eutrophic		Low	45.2	Acres		
					Nonpoint Source					
				Odors		Low	45.2	Acres		
					Nonpoint Source					
				PCBs		High	45.2	Acres		
				Elevated levels of PCBs in tissue.						
					Nonpoint Source					
				Trash		Low	45.2	Acres		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	L	MALIBOU LAKE	404.24							
				Algae		Medium	69	Acres		
					Nonpoint Source					
				Chlordane		Low	69	Acres		
				Elevated levels of chlordane in tissue.						
					Nonpoint/Point Source					
				Copper		Medium	69	Acres		
				Elevated levels of copper in tissue.						
					Nonpoint Source					
				Eutrophic		Medium	69	Acres	0193	1202
					Nonpoint Source					
				Org. enrichment/Low D.O.		Medium	69	Acres		
					Nonpoint Source					
				PCBs		Low	69	Acres		
				Elevated levels of PCBs in tissue.						
					Nonpoint Source					
4	L	MATILIJA RESERVOIR	402.20							
				Fish barriers		Low	198	Acres		
					Dam Construction/Operation					
4	L	MCGRATH LAKE (ESTUARY)	403.11							
				Chlordane		High	1.35	Acres		
				Elevated levels of chlordane in sediment.						
					Nonpoint Source					
				DDT		High	1.35	Acres		
				Elevated levels of DDT in sediment.						
					Nonpoint Source					
				Pesticides		High	1.35	Acres		
				Elevated levels of pesticides (total) in sediment.						
					Nonpoint Source					
				Sediment Toxicity		Medium	1.35	Acres		
					Nonpoint Source					
4	L	MUNZ LAKE	403.51							
				Eutrophic		Low	15	Acres		
					Nonpoint Source					
				Trash		Low	15	Acres		
					Nonpoint Source					
4	L	PECK ROAD PARK LAKE	405.41							
				Chlordane		Medium	166	Acres		
				Elevated levels of chlordane in tissue.						
					Nonpoint Source					
				DDT		Medium	166	Acres		
				Elevated levels of DDT in tissue.						
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Lead	Nonpoint Source	Low	166	Acres		
				Odors	Nonpoint Source	Low	166	Acres		
				Org. enrichment/Low D.O.	Nonpoint Source	Medium	166	Acres		
				Trash	Nonpoint Source	High	166	Acres		
4	L	PUDDINGSTONE RESERVOIR	405.52							
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint Source	Medium	382	Acres		
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	Medium	382	Acres		
				Mercury *Elevated levels of mercury in tissue.*	Nonpoint Source	Medium	382	Acres		
				Org. enrichment/Low D.O.	Nonpoint Source	Medium	382	Acres		
				PCBs *Elevated levels of PCBs in tissue.*	Nonpoint Source	Medium	382	Acres		
4	L	SANTA FE DAM PARK LAKE	405.41							
				Copper	Nonpoint Source	Low	70	Acres		
				Lead	Nonpoint Source	Low	70	Acres		
				pH	Nonpoint Source	Low	70	Acres		
4	L	WESTLAKE LAKE	404.25							
				Algae	Nonpoint Source	Medium	186	Acres		
				Ammonia	Nonpoint Source	Low	186	Acres		
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint Source	Low	186	Acres		
				Copper *Elevated levels of copper in tissue.*	Nonpoint Source	Medium	186	Acres		
				Eutrophic	Nonpoint Source	Medium	186	Acres	0193	1202

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Lead	Nonpoint Source	Low	186	Acres		
				Org. enrichment/Low D.O.	Nonpoint Source	Medium	186	Acres		
4	R	ALISO CANYON WASH	405.21							
				Selenium	Nonpoint Source	Low	10.13	Miles		
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	403.12							
				Ammonia	Nonpoint/Point Source	High	1.99	Miles	1298	
				Chloride	Nonpoint/Point Source	Medium	1.99	Miles	0197	1200
				DDT *Elevated levels of DDT in sediment.*	Nonpoint Source	High	1.99	Miles	1298	
				Nitrate and Nitrite	Nonpoint/Point Source	Medium	1.99	Miles	1298	
				Sulfates	Nonpoint/Point Source	Medium	1.99	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	1.99	Miles	1298	
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	403.62							
				Ammonia	Nonpoint/Point Source	High	9.62	Miles	1298	
				Chloride	Nonpoint/Point Source	Medium	9.62	Miles	0197	1200
				DDT *Elevated levels of DDT in sediment.*	Nonpoint Source	High	9.62	Miles	1298	
				Nitrate and Nitrite	Nonpoint/Point Source	Medium	9.62	Miles	1298	
				Sulfates	Nonpoint/Point Source	Medium	9.62	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	9.62	Miles		
4	R	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	405.15							
				Algae	Nonpoint Source	Low	7.02	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				High Coliform Count		Medium	7.02	Miles		
					Nonpoint Source					
				Trash		High	7.02	Miles		
					Nonpoint Source					
4	R	ARROYO SECO REACH 2 (WEST HOLLY AVE. TO DEVILS GATE DAM)	405.31							
				Algae		Low	2.53	Miles		
					Nonpoint Source					
				High Coliform Count		Medium	2.53	Miles		
					Nonpoint Source					
				Trash		High	2.53	Miles		
					Nonpoint Source					
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	403.62							
				Ammonia		High	7.58	Miles	1298	
					Nonpoint/Point Source					
				Boron		Medium	7.58	Miles		
					Nonpoint Source					
				Chloride		Medium	7.58	Miles	0197	1200
					Nonpoint Source					
				Chromium		Low	7.58	Miles		
				Elevated levels of chromium in tissue.						
					Nonpoint/Point Source					
				Nickel		Low	7.58	Miles		
				Elevated levels of nickel in tissue.						
					Nonpoint/Point Source					
				Selenium		Low	7.58	Miles		
				Elevated levels of selenium in tissue.						
					Nonpoint/Point Source					
				Silver		Low	7.58	Miles		
				Elevated levels of silver in tissue.						
					Nonpoint/Point Source					
				Sulfates		Medium	7.58	Miles		
					Nonpoint Source					
				Total Dissolved Solids		Medium	7.58	Miles		
					Nonpoint Source					
				Zinc		Low	7.58	Miles		
				Elevated levels of zinc in tissue.						
					Nonpoint/Point Source					
4	R	ARROYO SIMI REACH 2 (ABOVE BREA CANYON)	403.67							
				Boron		Medium	11.12	Miles		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Sulfates	Nonpoint Source	Medium	11.12	Miles		
				Total Dissolved Solids	Nonpoint Source	Medium	11.12	Miles		
4	R	ASHLAND AVENUE DRAIN	405.13							
				High Coliform Count	Nonpoint Source	High	0.57	Miles		
				Org. enrichment/Low D.O.	Nonpoint Source	Low	0.57	Miles		
				Toxicity	Nonpoint Source	Low	0.57	Miles		
4	R	BALLONA CREEK	405.13							
				Arsenic *Elevated levels of arsenic in tissue.*	Nonpoint/Point Source	Medium	4.3	Miles		
				Cadmium *Elevated levels of cadmium in sediment.*	Nonpoint/Point Source	Medium	4.3	Miles		
				ChemA *Elevated levels of chemA pesticides in tissue.*	Nonpoint/Point Source	High	4.3	Miles		
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint/Point Source	High	4.3	Miles		
				Copper *Elevated levels of copper in tissue and sediment.*	Nonpoint/Point Source	Medium	4.3	Miles		
				DDT *Elevated levels of DDT in tissue.*	Nonpoint/Point Source	High	4.3	Miles		
				Dieldrin *Elevated levels of dieldrin in tissue.*	Nonpoint/Point Source	High	4.3	Miles		
				Enteric Viruses	Nonpoint/Point Source	High	4.3	Miles		
				High Coliform Count	Nonpoint/Point Source	High	4.3	Miles		
				Lead *Elevated levels of lead in tissue and sediment.*	Nonpoint/Point Source	Low	4.3	Miles		
				PCBs *Elevated levels of PCBs in tissue.*	Nonpoint/Point Source	High	4.3	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Sediment Toxicity		Medium	4.3	Miles		
					Nonpoint/Point Source					
				Silver		Low	4.3	Miles		
				Elevated levels of silver in tissue and sediment.						
					Nonpoint/Point Source					
				Toxicity		Medium	4.3	Miles		
					Nonpoint/Point Source					
				Trash		High	4.3	Miles		
					Nonpoint/Point Source					
				Tributyltin		Low	4.3	Miles		
				Elevated levels of tributyltin in sediment.						
					Nonpoint/Point Source					
4	R	BALLONA CREEK ESTUARY	405.13							
				Arochlor		High	2.5	Miles		
				Elevated levels of arochlor in sediment.						
					Nonpoint/Point Source					
				Chlordane		High	2.5	Miles		
				Elevated levels of chlordane in tissue and sediment.						
					Nonpoint/Point Source					
				DDT		High	2.5	Miles		
				Elevated levels of DDT in sediment.						
					Nonpoint/Point Source					
				High Coliform Count		High	2.5	Miles		
					Nonpoint/Point Source					
				Lead		Low	2.5	Miles		
				Elevated levels of lead in sediment.						
					Nonpoint/Point Source					
				PAHs		High	2.5	Miles		
				Elevated levels of PAHs in sediment.						
					Nonpoint/Point Source					
				PCBs		High	2.5	Miles		
				Elevated levels of PCBs in tissue and sediment.						
					Nonpoint/Point Source					
				Sediment Toxicity		Medium	2.5	Miles		
					Nonpoint/Point Source					
				Shellfish Harvesting Adv.		Medium	2.5	Miles		
					Nonpoint/Point Source					
				Zinc		Low	2.5	Miles		
				Elevated levels of zinc in sediment.						
					Nonpoint/Point Source					
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	403.61							
				Algae		Low	6.16	Miles	1298	
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				ChemA		High	6.16	Miles	1298	
				Elevated levels of chemA pesticides in tissue.	Nonpoint Source					
				Chlordane		High	6.16	Miles	1298	
				Elevated levels of chlordane in tissue and sediment.	Nonpoint Source					
				Chlorpyrifos		High	6.16	Miles	1298	
				Elevated levels of chlorpyrifos in tissue.	Nonpoint Source					
				Dacthal		High	6.16	Miles	1298	
				Elevated levels of dacthal in sediment.	Nonpoint Source					
				DDT		High	6.16	Miles	1298	
				Elevated levels of DDT in tissue and sediment.	Nonpoint Source					
				Dieldrin		High	6.16	Miles	1298	
				Elevated levels of dieldrin in tissue.	Nonpoint Source					
				Endosulfan		High	6.16	Miles	1298	
				Elevated levels of endosulfan in tissue and sediment.	Nonpoint Source					
				Nitrogen		Medium	6.16	Miles	1298	
					Nonpoint Source					
				PCBs		High	6.16	Miles		
				Elevated levels of PCBs in tissue.	Nonpoint Source					
				Toxaphene		High	6.16	Miles	1298	
				Elevated levels of toxaphene in tissue and sediment.	Nonpoint Source					
				Toxicity		High	6.16	Miles		
					Nonpoint Source					
				Trash		Low	6.16	Miles		
					Nonpoint Source					
4	R	BELL CREEK	405.21							
				High Coliform Count		Low	9.81	Miles		
					Nonpoint/Point Source					
4	R	BROWN BARRANCA / LONG CANYON	403.11							
				Nitrate and Nitrite		Medium	3.79	Miles		
					Nonpoint Source					
4	R	BURBANK WESTERN CHANNEL	405.21							
				Algae		Low	6.35	Miles		
					Nonpoint/Point Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Ammonia	Nonpoint/Point Source	High	6.35	Miles	0194	1299
				Cadmium	Nonpoint/Point Source	Low	6.35	Miles		
				Odors	Nonpoint/Point Source	Low	6.35	Miles		
				Scum/Foam-unnatural	Nonpoint/Point Source	Low	6.35	Miles		
				Trash	Nonpoint/Point Source	High	6.35	Miles		
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	403.11							
				Ammonia	Nonpoint/Point Source	High	2.2	Miles	1298	
				ChemA *Elevated levels of chemA in tissue.*	Nonpoint Source	High	2.2	Miles	1298	
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint Source	High	2.2	Miles	1298	
				DDT *Elevated levels of DDT in tissue and sediment.*	Nonpoint Source	High	2.2	Miles	1298	
				Endosulfan *Elevated levels of endosulfan in tissue.*	Nonpoint Source	High	2.2	Miles	1298	
				Nitrogen	Nonpoint/Point Source	Medium	2.2	Miles	1298	
				PCBs *Elevated levels of PCBs in tissue.*	Nonpoint/Point Source	High	2.2	Miles		
				Sediment Toxicity	Nonpoint/Point Source	Medium	2.2	Miles		
				Toxaphene *Elevated levels of toxaphene in tissue and sediment.*	Nonpoint Source	High	2.2	Miles	1298	
				Toxicity	Nonpoint/Point Source	High	2.2	Miles		
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	403.12							
				Ammonia	Nonpoint/Point Source	High	2.3	Miles	1298	

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				ChemA		High	2.3	Miles	1298	
				Elevated levels of chemA pesticides in tissue.	Nonpoint Source					
				Chlordane		High	2.3	Miles	1298	
				Elevated level of chlordane in tissue.	Nonpoint Source					
				Dacthal		High	2.3	Miles	1298	
				Elevated level of dacthal in tissue.	Nonpoint Source					
				DDT		High	2.3	Miles	1298	
				Elevated level of DDT in tissue and sediment.	Nonpoint Source					
				Endosulfan		High	2.3	Miles	1298	
				Elevated level of endosulfan in tissue.	Nonpoint Source					
				Nitrogen		Medium	2.3	Miles	1298	
					Nonpoint/Point Source					
				PCBs		High	2.3	Miles		
				Elevated level of PCBs in tissue.	Nonpoint/Point Source					
				Sediment Toxicity		Medium	2.3	Miles		
					Nonpoint/Point Source					
				Toxaphene		High	2.3	Miles	1298	
				Elevated level of toxaphene in tissue and sediment.	Nonpoint Source					
				Toxicity		High	2.3	Miles		
					Nonpoint/Point Source					
4	R	CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)	403.12							
				Chloride		Medium	7.7	Miles	0197	1200
					Nonpoint/Point Source					
				Nitrate and Nitrite		Medium	7.7	Miles	1298	
					Nonpoint/Point Source					
				Total Dissolved Solids		Medium	7.7	Miles		
					Nonpoint/Point Source					
4	R	COMPTON CREEK	405.15							
				Copper		Low	8.52	Miles		
					Nonpoint/Point Source					
				High Coliform Count		Medium	8.52	Miles		
					Nonpoint/Point Source					
				Lead		Low	8.52	Miles		
					Nonpoint/Point Source					
				pH		Medium	8.52	Miles		
					Nonpoint/Point Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	R	CONEJO CREEK / ARROYO CONEJO NORTH FORK	403.64							
				Ammonia	Nonpoint/Point Source	High	6.51	Miles	1298	
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint Source	Medium	6.51	Miles	1298	
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	Medium	6.51	Miles	1298	
				Sulfates	Nonpoint/Point Source	Medium	6.51	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	6.51	Miles		
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	403.12							
				Algae	Nonpoint/Point Source	Low	5.8	Miles	1298	
				Ammonia	Nonpoint/Point Source	High	5.8	Miles	1298	
				Cadmium *Elevated levels of cadmium in tissue.*	Nonpoint/Point Source	Medium	5.8	Miles		
				ChemA *Elevated levels of chemA pesticides in tissue.*	Nonpoint Source	High	5.8	Miles	1298	
				Chromium *Elevated levels of chromium in tissue.*	Nonpoint/Point Source	Medium	5.8	Miles		
				Dacthal *Elevated levels of dacthal in tissue.*	Nonpoint Source	High	5.8	Miles	1298	
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	High	5.8	Miles	1298	
				Endosulfan *Elevated levels of endosulfan in tissue.*	Nonpoint Source	High	5.8	Miles	1298	
				Nickel *Elevated levels of nickel in tissue.*	Nonpoint/Point Source	Medium	5.8	Miles		
				Org. enrichment/Low D.O.	Nonpoint/Point Source	Medium	5.8	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Silver *Elevated levels of silver in tissue.*	Nonpoint/Point Source	Medium	5.8	Miles		
				Sulfates	Nonpoint/Point Source	Medium	5.8	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	5.8	Miles		
				Toxaphene *Elevated levels of toxaphene in tissue and sediment.*	Nonpoint Source	High	5.8	Miles	1298	
				Toxicity	Nonpoint/Point Source	High	5.8	Miles		
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	403.63							
				Algae	Nonpoint/Point Source	Low	2.67	Miles	1298	
				Ammonia	Nonpoint/Point Source	High	2.67	Miles	1298	
				Cadmium *Elevated levels of cadmium in tissue.*	Nonpoint/Point Source	Medium	2.67	Miles		
				ChemA *Elevated levels of chemA pesticides in tissue.*	Nonpoint Source	High	2.67	Miles	1298	
				Chloride	Nonpoint/Point Source	Medium	2.67	Miles	0197	1200
				Chromium *Elevated levels of chromium in tissue.*	Nonpoint/Point Source	Medium	2.67	Miles		
				Dacthal *Elevated levels of dacthal in tissue.*	Nonpoint Source	High	2.67	Miles	1298	
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	High	2.67	Miles	1298	
				Endosulfan *Elevated levels of endosulfan in tissue.*	Nonpoint Source	High	2.67	Miles	1298	
				Nickel *Elevated levels of nickel in tissue.*	Nonpoint/Point Source	Medium	2.67	Miles		
				Org. enrichment/Low D.O.	Nonpoint/Point Source	Medium	2.67	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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				Silver		Medium	2.67	Miles		
				Elevated levels of silver in tissue.						
					Nonpoint/Point Source					
				Sulfates		Medium	2.67	Miles		
					Nonpoint/Point Source					
				Total Dissolved Solids		Medium	2.67	Miles		
					Nonpoint/Point Source					
				Toxaphene		High	2.67	Miles	1298	
				Elevated levels of toxaphene in tissue and sediment.						
					Nonpoint Source					
				Toxicity		High	2.67	Miles		
					Nonpoint/Point Source					
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	403.64							
				Algae		Low	5.6	Miles	1298	
					Nonpoint/Point Source					
				Ammonia		High	5.6	Miles	1298	
					Nonpoint/Point Source					
				Cadmium		Medium	5.6	Miles		
				Elevated levels of cadmium in tissue.						
					Nonpoint/Point Source					
				ChemA		High	5.6	Miles	1298	
				Elevated levels of chemA pesticides in tissue.						
					Nonpoint Source					
				Chromium		Medium	5.6	Miles		
				Elevated levels of chromium in tissue.						
					Nonpoint/Point Source					
				Dacthal		High	5.6	Miles	1298	
				Elevated levels of dacthal in tissue.						
					Nonpoint Source					
				DDT		High	5.6	Miles	1298	
				Elevated levels of DDT in tissue.						
					Nonpoint Source					
				Endosulfan		High	5.6	Miles	1298	
				Elevated levels of endosulfan in tissue.						
					Nonpoint Source					
				Nickel		Medium	5.6	Miles		
				Elevated levels of nickel in tissue.						
					Nonpoint/Point Source					
				Org. enrichment/Low D.O.		Medium	5.6	Miles		
					Nonpoint/Point Source					
				Silver		Medium	5.6	Miles		
				Elevated levels of silver in tissue.						
					Nonpoint/Point Source					

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Approved by USEPA: 12-May-99

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				Sulfates	Nonpoint/Point Source	Medium	5.6	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	5.6	Miles		
				Toxaphene *Elevated levels of toxaphene in tissue and sediment.*	Nonpoint Source	High	5.6	Miles	1298	
				Toxicity	Nonpoint/Point Source	High	5.6	Miles		
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	403.68							
				Algae	Nonpoint/Point Source	Low	4.98	Miles		
				Ammonia	Nonpoint/Point Source	High	4.98	Miles	1298	
				ChemA *Elevated levels of chemA pesticides in tissue.*	Nonpoint Source	High	4.98	Miles	1298	
				Chloride	Nonpoint/Point Source	Medium	4.98	Miles	0197	1200
				Dacthal *Elevated levels of dacthal in tissue.*	Nonpoint Source	High	4.98	Miles	1298	
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	High	4.98	Miles	1298	
				Endosulfan *Elevated levels of endosulfan in tissue.*	Nonpoint Source	High	4.98	Miles	1298	
				Org. enrichment/Low D.O.	Nonpoint/Point Source	Medium	4.98	Miles		
				Sulfates	Nonpoint/Point Source	Medium	4.98	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	4.98	Miles		
				Toxaphene *Elevated levels of toxaphene in tissue and sediment.*	Nonpoint Source	High	4.98	Miles	1298	
				Toxicity	Nonpoint/Point Source	High	4.98	Miles		
4	R	COYOTE CREEK	405.15							
				Abnormal Fish Histology	Nonpoint/Point Source	Medium	13.45	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Algae	Nonpoint/Point Source	Medium	13.45	Miles		
				Ammonia	Nonpoint/Point Source	High	13.45	Miles		
				High Coliform Count	Nonpoint/Point Source	Medium	13.45	Miles		
				Silver *Elevated levels of silver in tissue.*	Nonpoint/Point Source	Medium	13.45	Miles		
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	405.12							
				Aldrin *Elevated levels of aldrin in tissue.*	Nonpoint/Point Source	Medium	9	Miles		
				Ammonia	Nonpoint/Point Source	Low	9	Miles		
				ChemA *Elevated levels of chemA pesticides in tissue.*	Nonpoint/Point Source	High	9	Miles		
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint/Point Source	High	9	Miles		
				Chromium *Elevated levels of chromium in sediment.*	Nonpoint/Point Source	Medium	9	Miles		
				Copper	Nonpoint/Point Source	Low	9	Miles		
				DDT *Elevated levels of DDT in tissue and sediment.*	Nonpoint/Point Source	High	9	Miles		
				Dieldrin *Elevated levels of dieldrin in tissue.*	Nonpoint/Point Source	Medium	9	Miles		
				High Coliform Count	Nonpoint/Point Source	Low	9	Miles		
				Lead *Elevated levels of lead in tissue.*	Nonpoint/Point Source	Low	9	Miles		
				PAHs *Elevated levels of PAHs in sediment.*	Nonpoint/Point Source	High	9	Miles		
				PCBs *Elevated levels of PCBs in tissue.*	Nonpoint/Point Source	High	9	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Zinc		High	9	Miles		
				Elevated levels of zinc in sediment.						
					Nonpoint/Point Source					
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	405.12							
				Aldrin		Medium	8.4	Miles		
				Elevated levels of aldrin in tissue.						
					Nonpoint/Point Source					
				Ammonia		Low	8.4	Miles		
					Nonpoint/Point Source					
				Benthic Comm. Effects		High	8.4	Miles		
					Nonpoint/Point Source					
				ChemA		High	8.4	Miles		
				Elevated levels of chemA pesticides in tissue.						
					Nonpoint/Point Source					
				Chlordane		High	8.4	Miles		
				Elevated levels of chlordane in tissue.						
					Nonpoint/Point Source					
				Chromium		Medium	8.4	Miles		
				Elevated levels of chromium in sediment.						
					Nonpoint/Point Source					
				Copper		Low	8.4	Miles		
					Nonpoint/Point Source					
				DDT		High	8.4	Miles		
				Elevated levels of DDT in tissue and sediment.						
					Nonpoint/Point Source					
				Dieldrin		Medium	8.4	Miles		
				Elevated levels of dieldrin in tissue.						
					Nonpoint/Point Source					
				High Coliform Count		Low	8.4	Miles		
					Nonpoint/Point Source					
				Lead		Low	8.4	Miles		
				Elevated levels of lead in tissue.						
					Nonpoint/Point Source					
				PAHs		High	8.4	Miles		
				Elevated levels of PAHs in sediment.						
					Nonpoint/Point Source					
				PCBs		High	8.4	Miles		
				Elevated levels of PCBs in tissue.						
					Nonpoint/Point Source					
				Zinc		High	8.4	Miles		
				Elevated levels of zinc in sediment.						
					Nonpoint/Point Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	403.11							
				ChemA *Elevated levels of chemA pesticides in tissue.*	Nonpoint Source	High	13.5	Miles	1298	
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint Source	High	13.5	Miles	1298	
				DDT *Elevated levels of DDT in tissue and sediment.*	Nonpoint Source	High	13.5	Miles	1298	
				Nitrogen	Nonpoint Source	Medium	13.5	Miles	1298	
				Sediment Toxicity	Nonpoint Source	Medium	13.5	Miles		
				Toxaphene *Elevated levels of toxaphene in tissue.*	Nonpoint Source	High	13.5	Miles	1298	
				Toxicity	Nonpoint Source	High	13.5	Miles		
4	R	FOX BARRANCA	403.62							
				Boron	Nonpoint Source	Medium	3.03	Miles		
				Nitrate and Nitrite	Nonpoint Source	Medium	3.03	Miles	1298	
				Sulfates	Nonpoint Source	Medium	3.03	Miles		
				Total Dissolved Solids	Nonpoint Source	Medium	3.03	Miles		
4	R	LAS VIRGENES CREEK	404.22							
				High Coliform Count	Nonpoint Source	High	11.47	Miles		
				Nutrients (Algae)	Nonpoint Source	Medium	11.47	Miles	0193	1202
				Org. enrichment/Low D.O.	Nonpoint Source	Medium	11.47	Miles		
				Scum/Foam-unnatural	Nonpoint Source	Low	11.47	Miles		
				Selenium	Nonpoint Source	Low	11.47	Miles		
				Trash	Nonpoint Source	Low	11.47	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	R	LINDERO CREEK REACH 1	404.23							
				Algae	Nonpoint Source	Medium	2.2	Miles		
				High Coliform Count	Nonpoint Source	High	2.2	Miles		
				Scum/Foam-unnatural	Nonpoint Source	Low	2.2	Miles		
				Selenium	Nonpoint Source	Low	2.2	Miles		
				Trash	Nonpoint Source	Low	2.2	Miles		
4	R	LINDERO CREEK REACH 2 (ABOVE LAKE)	404.23							
				Algae	Nonpoint Source	Medium	4.8	Miles		
				High Coliform Count	Nonpoint Source	High	4.8	Miles		
				Scum/Foam-unnatural	Nonpoint Source	Low	4.8	Miles		
				Selenium	Nonpoint Source	Low	4.8	Miles		
				Trash	Nonpoint Source	Low	4.8	Miles		
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	405.12							
				Ammonia	Nonpoint/Point Source	High	2.01	Miles	0194	1299
				High Coliform Count	Nonpoint/Point Source	Medium	2.01	Miles		
				Lead	Nonpoint/Point Source	Low	2.01	Miles		
				Nutrients (Algae)	Nonpoint/Point Source	Medium	2.01	Miles	0194	1299
				pH	Nonpoint/Point Source	Medium	2.01	Miles		
				Scum/Foam-unnatural	Nonpoint/Point Source	Low	2.01	Miles		
				Trash	Nonpoint/Point Source	High	2.01	Miles		
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	405.15							
				Ammonia	Nonpoint/Point Source	High	19.37	Miles	0194	1299

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				High Coliform Count	Nonpoint/Point Source	Medium	19.37	Miles		
				Lead	Nonpoint/Point Source	Low	19.37	Miles		
				Nutrients (Algae)	Nonpoint/Point Source	Medium	19.37	Miles	0194	1299
				Odors	Nonpoint/Point Source	Low	19.37	Miles		
				Oil	Nonpoint/Point Source	Medium	19.37	Miles		
				Scum/Foam-unnatural	Nonpoint/Point Source	Low	19.37	Miles		
				Trash	Nonpoint/Point Source	High	19.37	Miles		
4	R	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	405.21							
				Ammonia	Nonpoint/Point Source	High	7.24	Miles	0194	1299
				Nutrients (Algae)	Nonpoint/Point Source	Medium	7.24	Miles	0194	1299
				Odors	Nonpoint/Point Source	Low	7.24	Miles		
				Scum/Foam-unnatural	Nonpoint/Point Source	Low	7.24	Miles		
				Trash	Nonpoint/Point Source	High	7.24	Miles		
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	405.21							
				Ammonia	Nonpoint/Point Source	High	11.84	Miles	0194	1299
				High Coliform Count	Nonpoint/Point Source	Medium	11.84	Miles		
				Lead	Nonpoint/Point Source	Low	11.84	Miles		
				Nutrients (Algae)	Nonpoint/Point Source	Medium	11.84	Miles	0194	1299
				Odors	Nonpoint/Point Source	Low	11.84	Miles		
				Scum/Foam-unnatural	Nonpoint/Point Source	Low	11.84	Miles		
				Trash	Nonpoint/Point Source	High	11.84	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	405.21							
				Ammonia	Nonpoint/Point Source	High	1.93	Miles	0194	1299
				ChemA	Nonpoint/Point Source	Medium	1.93	Miles		
				Chlorpyrifos *Elevated levels of chlorpyrifos in tissue.*	Nonpoint/Point Source	Medium	1.93	Miles		
				Nutrients (Algae)	Nonpoint/Point Source	Medium	1.93	Miles	0194	1299
				Odors	Nonpoint/Point Source	Low	1.93	Miles		
				Oil	Nonpoint/Point Source	Low	1.93	Miles		
				Scum/Foam-unnatural	Nonpoint/Point Source	Low	1.93	Miles		
				Trash	Nonpoint/Point Source	High	1.93	Miles		
4	R	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	405.21							
				Dichloroethylene/1,1-DCE	Nonpoint Source	Low	6.17	Miles		
				High Coliform Count	Nonpoint Source	Low	6.17	Miles		
				Tetrachloroethylene/PCE	Nonpoint Source	Low	6.17	Miles		
				Trichloroethylene/TCE	Nonpoint Source	Low	6.17	Miles		
4	R	MALIBU CREEK	404.21							
				Fish barriers	Dam Construction/Operation	Low	9.5	Miles		
				High Coliform Count	Nonpoint/Point Source	High	9.5	Miles		
				Nutrients (Algae)	Nonpoint/Point Source	Medium	9.5	Miles	0193	1202
				Scum/Foam-unnatural	Nonpoint/Point Source	Low	9.5	Miles		
				Trash	Nonpoint Source	Low	9.5	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	R	MATILIJA CREEK REACH 1 (JCT. WITH N. FORK TO RESERVOIR)	402.20							
				Fish barriers	Dam Construction/Operation	Low	1.6	Miles		
4	R	MATILIJA CREEK REACH 2 (ABOVE RESERVOIR)	402.20							
				Fish barriers	Dam Construction/Operation	Low	16.8	Miles		
4	R	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	404.23							
				Algae	Nonpoint Source	Medium	3.01	Miles		
				High Coliform Count	Nonpoint Source	High	3.01	Miles		
				Selenium	Nonpoint Source	Low	3.01	Miles		
				Trash	Nonpoint Source	Low	3.01	Miles		
4	R	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	404.24							
				Algae	Nonpoint Source	Medium	5.44	Miles		
				High Coliform Count	Nonpoint Source	High	5.44	Miles		
				Selenium	Nonpoint Source	Low	5.44	Miles		
				Trash	Nonpoint Source	Low	5.44	Miles		
4	R	MINT CANYON CREEK REACH 1 (CONFL TO ROWLER CYN)	403.51							
				Nitrate and Nitrite	Nonpoint Source	Medium	8.16	Miles		
4	R	MONROVIA CANYON CREEK	405.33							
				Lead	Nonpoint Source	Low	2.09	Miles		
4	R	PALO COMADO CREEK	404.23							
				High Coliform Count	Nonpoint Source	High	7.78	Miles		
4	R	PICO KENTER DRAIN	405.13							
				Ammonia	Nonpoint Source	Low	4.77	Miles		
				Copper	Nonpoint Source	Medium	4.77	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Enteric Viruses		High	4.77	Miles		
					Nonpoint Source					
				High Coliform Count		High	4.77	Miles		
					Nonpoint Source					
				Lead		Low	4.77	Miles		
					Nonpoint Source					
				PAHs		High	4.77	Miles		
					Nonpoint Source					
				Toxicity		Medium	4.77	Miles		
					Nonpoint Source					
				Trash		Low	4.77	Miles		
					Nonpoint Source					
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	403.11							
				Algae		Low	8.9	Miles	1298	
					Nonpoint Source					
				ChemA		High	8.9	Miles	1298	
				Elevated levels of chemA pesticides in tissue.						
					Nonpoint Source					
				Chlordane		High	8.9	Miles	1298	
				Elevated levels of chlordane in tissue and sediment.						
					Nonpoint Source					
				Chlorpyrifos		High	8.9	Miles	1298	
				Elevated levels of chlorpyrifos in tissue.						
					Nonpoint Source					
				Dacthal		High	8.9	Miles	1298	
				Elevated levels of dacthal in sediment.						
					Nonpoint Source					
				DDT		High	8.9	Miles	1298	
				Elevated levels of DDT in tissue and sediment.						
					Nonpoint Source					
				Dieldrin		High	8.9	Miles	1298	
				Elevated levels of dieldrin in tissue.						
					Nonpoint Source					
				Endosulfan		High	8.9	Miles	1298	
				Elevated levels of endosulfan in tissue and sediment.						
					Nonpoint Source					
				Nitrogen		Medium	8.9	Miles	1298	
					Nonpoint Source					
				PCBs		High	8.9	Miles		
				Elevated levels of PCBs in tissue.						
					Nonpoint Source					
				Selenium		Low	8.9	Miles		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Toxaphene *Elevated levels of toxaphene in tissue and sediment.*	Nonpoint Source	High	8.9	Miles	1298	
				Toxicity	Nonpoint Source	High	8.9	Miles		
				Trash	Nonpoint Source	Low	8.9	Miles		
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	403.11							
				ChemA *Elevated levels of chemA pesticides in tissue.*	Nonpoint Source	High	2.48	Miles	1298	
				Chlordane *Elevated levels of chlordane in tissue.*	Nonpoint Source	High	2.48	Miles	1298	
				DDT *Elevated levels of DDT in tissue.*	Nonpoint Source	High	2.48	Miles	1298	
				Nitrogen	Nonpoint Source	Low	2.48	Miles	1298	
				PCBs *Elevated levels of PCBs in tissue.*	Nonpoint Source	High	2.48	Miles		
				Sediment Toxicity	Nonpoint Source	High	2.48	Miles		
				Toxaphene *Elevated levels of toxaphene in tissue.*	Nonpoint Source	High	2.48	Miles	1298	
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	405.15							
				Ammonia	Nonpoint/Point Source	Low	4.19	Miles	0194	1299
				Copper	Nonpoint/Point Source	Low	4.19	Miles		
				High Coliform Count	Nonpoint/Point Source	Low	4.19	Miles		
				Lead	Nonpoint/Point Source	Low	4.19	Miles		
				pH	Nonpoint/Point Source	Low	4.19	Miles		
				Trash	Nonpoint/Point Source	High	4.19	Miles		
				Zinc	Nonpoint/Point Source	Low	4.19	Miles		

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Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	R	RIO HONDO REACH 2 (AT SPREADING GROUNDS)	405.15							
				Ammonia	Nonpoint/Point Source	Medium	2.71	Miles	0194	1299
				High Coliform Count	Nonpoint/Point Source	Low	2.71	Miles		
4	R	SAN GABRIEL RIVER EAST FORK	405.43							
				Trash	Nonpoint Source	High	12	Miles		
4	R	SAN GABRIEL RIVER ESTUARY	405.15							
				Abnormal Fish Histology	Nonpoint/Point Source	Medium	2.95	Miles		
				Arsenic *Elevated levels of arsenic in tissue.*	Nonpoint/Point Source	Low	2.95	Miles		
4	R	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	405.15							
				Abnormal Fish Histology	Nonpoint/Point Source	Medium	8.73	Miles		
				Algae	Nonpoint/Point Source	Medium	8.73	Miles		
				Ammonia	Nonpoint/Point Source	High	8.73	Miles		
				High Coliform Count	Nonpoint/Point Source	Low	8.73	Miles		
				Toxicity	Nonpoint/Point Source	Medium	8.73	Miles		
4	R	SAN GABRIEL RIVER REACH 2 (FIRESTONE TO WHITTIER NARROWS DAM	405.15							
				Ammonia	Nonpoint/Point Source	High	9.99	Miles		
				High Coliform Count	Nonpoint/Point Source	Low	9.99	Miles		
				Lead	Nonpoint/Point Source	Low	9.99	Miles		
4	R	SAN GABRIEL RIVER REACH 3 (WHITTIER NARROWS TO RAMONA)	405.41							
				Toxicity	Nonpoint/Point Source	Medium	3.52	Miles		

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Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4	R	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	405.41							
				Algae	Nonpoint/Point Source	Medium	13.12	Miles		
				Ammonia	Nonpoint/Point Source	High	13.12	Miles		
				High Coliform Count	Nonpoint/Point Source	Low	13.12	Miles		
4	R	SAN JOSE CREEK REACH 2 (TEMPLE TO I-10 AT WHITE AVE.)	405.51							
				Algae	Nonpoint/Point Source	Medium	4.93	Miles		
				Ammonia	Nonpoint/Point Source	High	4.93	Miles		
				High Coliform Count	Nonpoint/Point Source	Low	4.93	Miles		
4	R	SANTA CLARA RIVER ESTUARY	403.11							
				ChemA	Nonpoint Source	Medium	2.07	Miles		
				High Coliform Count	Nonpoint Source	Low	2.07	Miles		
				Toxaphene	Nonpoint Source	Medium	2.07	Miles		
4	R	SANTA CLARA RIVER REACH 3 (DAM TO ABV SP CRK/BLW TIMBER CYN)	403.21							
				Ammonia	Nonpoint/Point Source	Medium	13.24	Miles		
				Chloride	Nonpoint/Point Source	Medium	13.24	Miles	1297	
4	R	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	403.51							
				Ammonia	Nonpoint/Point Source	Medium	9.21	Miles		
				Chloride *Chloride was relisted by USEPA*	Nonpoint/Point Source	Medium	9.21	Miles	1297	
				High Coliform Count	Nonpoint/Point Source	Low	9.21	Miles		
				Nitrate and Nitrite	Nonpoint/Point Source	Medium	9.21	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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4	R	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	403.51							
				Ammonia	Nonpoint/Point Source	Medium	3.42	Miles		
				Chloride *Chloride was relisted by USEPA.*	Nonpoint/Point Source	Medium	3.42	Miles	1297	
				High Coliform Count	Nonpoint/Point Source	Low	3.42	Miles		
				Nitrate and Nitrite	Nonpoint/Point Source	Medium	3.42	Miles		
				Org. enrichment/Low D.O.	Nonpoint/Point Source	Medium	3.42	Miles		
4	R	SANTA CLARA RIVER REACH 9 (BOUQUET CYN RD.TO ABV LANG GAGNG)	403.51							
				High Coliform Count	Nonpoint/Point Source	Low	12.69	Miles		
4	R	SANTA MONICA CANYON	405.13							
				High Coliform Count	Nonpoint Source	High	2.9	Miles		
				Lead	Nonpoint Source	Low	2.9	Miles		
4	R	SEPULVEDA CANYON	405.13							
				Ammonia	Nonpoint Source	Low	6.8	Miles		
				High Coliform Count	Nonpoint Source	High	6.8	Miles		
				Lead	Nonpoint Source	Low	6.8	Miles		
4	R	STOKES CREEK	404.22							
				High Coliform Count	Nonpoint Source	High	5.33	Miles		
4	R	TAPO CANYON REACH 1	403.67							
				Boron	Nonpoint/Point Source	Medium	5.23	Miles		
				Chloride	Nonpoint/Point Source	Medium	5.23	Miles	0197	1200
				Sulfates	Nonpoint/Point Source	Medium	5.23	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	5.23	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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4	R	TOPANGA CANYON CREEK	404.11							
				Lead		Low	8.6	Miles		
					Nonpoint Source					
4	R	TORRANCE CARSON CHANNEL	405.12							
				Copper		Low	12.6	Miles		
					Nonpoint Source					
				High Coliform Count		Medium	12.6	Miles		
					Nonpoint Source					
				Lead		Low	12.6	Miles		
					Nonpoint Source					
4	R	TORREY CANYON CREEK	403.41							
				Nitrate and Nitrite		Medium	1.7	Miles		
					Nonpoint Source					
4	R	TRIUNFO CANYON CREEK REACH 1	404.24							
				Lead		Low	4.06	Miles		
					Nonpoint Source					
				Mercury		Low	4.06	Miles		
					Nonpoint Source					
4	R	TRIUNFO CANYON CREEK REACH 2	404.25							
				Lead		Low	1.98	Miles		
					Nonpoint Source					
				Mercury		Low	1.98	Miles		
					Nonpoint Source					
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	405.21							
				Ammonia		Medium	9.68	Miles	0194	1299
					Nonpoint Source					
				Copper		Medium	9.68	Miles		
					Nonpoint Source					
				High Coliform Count		Low	9.68	Miles		
					Nonpoint Source					
				Odors		Low	9.68	Miles		
					Nonpoint Source					
				Scum/Foam-unnatural		Low	9.68	Miles		
					Nonpoint Source					
				Trash		High	9.68	Miles		
					Nonpoint Source					
4	R	VENTURA RIVER ESTUARY	402.10							
				Algae		Low	0.35	Miles		
					Nonpoint/Point Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				DDT		Medium	0.35	Miles		
				Elevated levels of DDT in tissue.						
					Nonpoint/Point Source					
				Eutrophic		Low	0.35	Miles		
					Nonpoint/Point Source					
				Trash		Low	0.35	Miles		
					Nonpoint/Point Source					
4	R	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	402.10							
				Algae		Low	0.18	Miles		
					Nonpoint/Point Source					
				Copper		Low	0.18	Miles		
				Elevated levels of copper in tissue.						
					Nonpoint/Point Source					
				Silver		Medium	0.18	Miles		
				Elevated levels of silver in tissue.						
					Nonpoint/Point Source					
				Zinc		Low	0.18	Miles		
				Elevated levels of zinc in tissue.						
					Nonpoint/Point Source					
4	R	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	402.10							
				Algae		Low	4.64	Miles		
					Nonpoint/Point Source					
				Copper		Low	4.64	Miles		
				Elevated levels of copper in tissue.						
					Nonpoint/Point Source					
				Selenium		Low	4.64	Miles		
				Elevated levels of selenium in tissue.						
					Nonpoint/Point Source					
				Silver		Medium	4.64	Miles		
				Elevated levels of silver in tissue.						
					Nonpoint/Point Source					
				Zinc		Low	4.64	Miles		
				Elevated levels of zinc in tissue.						
					Nonpoint/Point Source					
4	R	VENTURA RIVER REACH 3 (WELDON CANYON TO CONFL. W/ COYOTE CR)	402.10							
				Pumping		Low	0.78	Miles		
					Nonpoint Source					
				Water Diversion		Low	0.78	Miles		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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4	R	VENTURA RIVER REACH 4 (COYOTE CREEK TO CAMINO CIELO RD.	402.20							
				Pumping	Nonpoint Source	Low	14.94	Miles		
				Water Diversion	Nonpoint Source	Low	14.94	Miles		
4	R	VERDUGO WASH REACH 1 (LA RIVER TO VERDUGO RD.)	405.21							
				Algae	Nonpoint Source	Low	3.41	Miles		
				High Coliform Count	Nonpoint Source	Low	3.41	Miles		
				Trash	Nonpoint Source	High	3.41	Miles		
4	R	VERDUGO WASH REACH 2 (ABOVE VERDUGO ROAD)	405.24							
				Algae	Nonpoint Source	Low	5.55	Miles		
				High Coliform Count	Nonpoint Source	Low	5.55	Miles		
				Trash	Nonpoint Source	High	5.55	Miles		
4	R	WALNUT CREEK WASH (DRAINS FROM PUDDINGSTONE RESERVOIR	405.41							
				pH	Nonpoint/Point Source	High	13.9	Miles		
				Toxicity	Nonpoint/Point Source	Medium	13.9	Miles		
4	R	WHEELER CANYON / TODD BARRANCA	403.21							
				Nitrate and Nitrite	Nonpoint Source	Medium	4.17	Miles		
4	R	WILMINGTON DRAIN	405.12							
				Ammonia	Nonpoint Source	Medium	4.9	Miles		
				Copper	Nonpoint Source	Low	4.9	Miles		
				High Coliform Count	Nonpoint Source	Low	4.9	Miles		
				Lead	Nonpoint Source	Low	4.9	Miles		

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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4	T	BALLONA CREEK WETLANDS	405.13							
				Arsenic		Medium	86	Acres		
				Elevated levels of arsenic in tissue.						
					Nonpoint Source					
				Exotic Vegetation		Low	86	Acres		
					Nonpoint Source					
				Habitat alterations		Low	86	Acres		
					Nonpoint Source					
				Hydromodification		Low	86	Acres		
					Nonpoint Source					
				Reduced Tidal Flushing		Low	86	Acres		
					Nonpoint Source					
				Trash		High	86	Acres		
					Nonpoint Source					
4	T	COLORADO LAGOON	405.12							
				Chlordane		High	13.6	Acres		
				Elevated levels of chlordane in tissue and sediment.						
					Nonpoint Source					
				DDT		High	13.6	Acres		
				Elevated levels of DDT in tissue.						
					Nonpoint Source					
				Dieldrin		Medium	13.6	Acres		
				Elevated levels of dieldrin in tissue.						
					Nonpoint Source					
				Lead		Medium	13.6	Acres		
				Elevated levels of lead in tissue and sediment.						
					Nonpoint Source					
				PAHs		High	13.6	Acres		
				Elevated levels of PAHs in sediment.						
					Nonpoint Source					
				PCBs		High	13.6	Acres		
				Elevated levels of PCBs in tissue.						
					Nonpoint Source					
				Sediment Toxicity		Medium	13.6	Acres		
					Nonpoint Source					
				Zinc		Medium	13.6	Acres		
				Elevated levels of zinc in sediment.						
					Nonpoint Source					
4	T	LOS CERRITOS CHANNEL	405.15							
				Ammonia		Low	16	Acres		
					Nonpoint Source					
				Copper		Low	16	Acres		
					Nonpoint Source					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				High Coliform Count	Nonpoint Source	Low	16	Acres		
				Lead	Nonpoint Source	Low	16	Acres		
				Zinc	Nonpoint Source	Medium	16	Acres		
5	E	DELTA WATERWAYS	544.000	Chlorpyrifos	Agriculture Urban Runoff/Storm Sewers	High	480000	Acres	0198	1205
				DDT	Agriculture	Low	480000	Acres	0104	1211
				Diazinon	Agriculture Urban Runoff/Storm Sewers	High	480000	Acres	0198	1205
				Electrical Conductivity	Agriculture	Medium	16000	Acres	0101	1211
				Group A Pesticides	Agriculture	Low	480000	Acres	0104	1211
				Mercury *Resource extraction sources are abandoned mines.*	Resource Extraction	High	480000	Acres	0198	1205
				Org. enrichment/Low D.O.	Municipal Point Sources Urban Runoff/Storm Sewers	High	75	Acres	0101	1211
				Unknown Toxicity	Source Unknown	Medium	480000	Acres	0101	1211
5	L	BERRYESSA LAKE	512.210	Mercury	Resource Extraction	High	20700	Acres	0198	1205
5	L	CLEAR LAKE	513.520	Mercury	Resource Extraction	High	43000	Acres	0198	1205
				Nutrients	Source Unknown	Low	43000	Acres	0104	1211
5	L	DAVIS CREEK RES	513.320	Mercury	Resource Extraction	Medium	290	Acres	0198	1211
5	L	KESWICK RES	524.400	Cadmium	Resource Extraction	Medium	200	Acres	0198	1211
				Copper	Resource Extraction	Medium	200	Acres	0198	1211

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR*	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
				Zinc		Medium	200	Acres	0198	1211
					Resource Extraction					
5	L	MARSH CREEK RES	543.000							
				Mercury		Medium	375	Acres	0198	1211
					Resource Extraction					
5	L	SHASTA LAKE	506.100							
				Cadmium		Low	20	Acres	0104	1211
					Resource Extraction					
				Copper		Low	20	Acres	0104	1211
					Resource Extraction					
				Zinc		Low	20	Acres	0104	1211
					Resource Extraction					
5	L	WHISKEYTOWN RES	524.610							
				High Coliform Count		Low	100	Acres	0104	1211
					Septage Disposal					
5	R	AMERICAN RIVER, LOWER	519.210							
				Group A Pesticides		Low	23	Miles	0104	1211
					Urban Runoff/Storm Sewers					
				Mercury		Medium	23	Miles	0101	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Unknown Toxicity		Low	23	Miles	0104	1211
					Source Unknown					
5	R	ARCADE CREEK	519.210							
				Chlorpyrifos		Medium	10	Miles	0198	1211
					Urban Runoff/Storm Sewers					
				Diazinon		Medium	10	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					
5	R	CACHE CREEK	511.300							
				Mercury		High	35	Miles	0196	1205
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Unknown Toxicity		Medium	35	Miles	0101	1211
					Source Unknown					
5	R	CHICKEN RANCH SLOUGH	519.210							
				Chlorpyrifos		Medium	5	Miles	0198	1211
					Urban Runoff/Storm Sewers					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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				Diazinon		Medium	5	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					
5	R	COLUSA DRAIN	520.210							
				Carbofuran/Furadan		Medium	70	Miles	0101	1211
					Agriculture					
				Group A Pesticides		Medium	70	Miles	0101	1211
					Agriculture					
				Malathion		Medium	70	Miles	0101	1211
					Agriculture					
				Methyl Parathion		Medium	70	Miles	0101	1211
					Agriculture					
				Unknown Toxicity		Medium	70	Miles	0101	1211
					Agriculture					
5	R	DOLLY CREEK	518.540							
				Copper		Medium	1	Miles	0101	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Zinc		Medium	1	Miles	0101	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
5	R	DUNN CREEK	543.000							
				Mercury		Low	9	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Metals		Low	9	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
5	R	ELDER CREEK	519.120							
				Chlorpyrifos		Medium	10	Miles	0198	1211
					Urban Runoff/Storm Sewers					
				Diazinon		Medium	10	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					
5	R	ELK GROVE CREEK	519.110							
				Diazinon		Medium	5	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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5	R	FALL RIVER (PIT)	526.400							
				Sedimentation/Siltation		Medium	25	Miles	0104	1211
					Agriculture-grazing					
					Silviculture					
					Highway/Road/Bridge Construction					
5	R	FEATHER RIVER, LOWER	519.220							
				Diazinon		High	60	Miles	0198	1205
					Agriculture					
					Urban Runoff/Storm Sewers					
				Group A Pesticides		Low	60	Miles	0104	1211
					Agriculture					
				Mercury		Medium	60	Miles	0101	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Unknown Toxicity		Medium	60	Miles	0101	1211
					Source Unknown					
5	R	FIVE MILE SLOUGH	544.000							
				Chlorpyrifos		Medium	1	Miles	0198	1211
					Urban Runoff/Storm Sewers					
				Diazinon		Medium	1	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					
5	R	FRENCH RAVINE	516.320							
				Bacteria		Low	1	Miles	0104	1211
					Land Disposal					
5	R	HARDING DRAIN (TURLOCK IRR DIST LATERAL #5)	535.500							
				Ammonia		Low	7	Miles	0104	1211
					Municipal Point Sources					
					Agriculture					
				Chlorpyrifos		Medium	7	Miles	0198	1211
					Agriculture					
				Diazinon		Medium	7	Miles	0198	1211
					Agriculture					
				Unknown Toxicity		Medium	7	Miles	0198	1211
					Agriculture					
5	R	HARLEY GULCH	513.510							
				Mercury		Medium	8	Miles	0101	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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5	R	HORSE CREEK	526.200							
				Cadmium		Low	2	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
				Copper		Low	2	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
				Lead		Low	2	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
				Zinc		Low	2	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
5	R	HUMBUG CREEK	517.320							
				Copper		Low	9	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
				Mercury		Low	9	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
				Sedimentation/Siltation	Resource Extraction	Low	9	Miles	0104	1211
				Zinc		Low	9	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
5	R	JAMES CREEK	512.240							
				Mercury		Low	6	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
				Nickel		Low	6	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
5	R	KANAKA CREEK	517.420							
				Arsenic		Low	1	Miles	0104	1211
				Resource extraction sources are abandoned mines.	Resource Extraction					
5	R	KINGS RIVER (LOWER)	551.900							
				Electrical Conductivity	Agriculture	Low	30	Miles	0104	1211
				Molybdenum	Agriculture	Low	30	Miles	0104	1211
				Toxaphene	Agriculture	Low	30	Miles	0104	1211

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1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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5	R	LITTLE BACKBONE CREEK	506.200							
				Acid Mine Drainage		Medium	1	Miles	0104	1211
					Resource Extraction					
				Cadmium		Medium	1	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Copper		Medium	1	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Zinc		Medium	1	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
5	R	LITTLE COW CREEK	507.330							
				Cadmium		Low	1	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Copper		Low	1	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Zinc		Low	1	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
5	R	LITTLE GRIZZLY CREEK	518.540							
				Copper		Medium	10	Miles	0101	1202
					Mine Tailings					
				Zinc		Medium	10	Miles	0101	1202
					Mine Tailings					
5	R	LONE TREE CREEK	531.400							
				Ammonia		Low	15	Miles	0104	1211
					Dairies					
				Biological Oxygen Deman		Low	15	Miles	0104	1211
					Dairies					
				Electrical Conductivity		Low	15	Miles	0104	1211
					Dairies					
5	R	MARSH CREEK	543.000							
				Mercury		Low	24	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Metals		Low	24	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					

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5	R	MERCED RIVER, LOWER	535.000							
				Chlorpyrifos		High	60	Miles	0198	1205
					Agriculture					
				Diazinon		High	60	Miles	0198	1205
					Agriculture					
				Group A Pesticides		Low	60	Miles	0104	1211
					Agriculture					
5	R	MOKELUMNE RIVER, LOWER	531.200							
				Copper		Low	28	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
				Zinc		Low	28	Miles	0104	1211
				Resource extraction sources are abandoned mines.						
					Resource Extraction					
5	R	MORRISON CREEK	519.120							
				Diazinon		Medium	20	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					
5	R	MOSHER SLOUGH	544.000							
				Chlorpyrifos		Medium	2	Miles	0198	1211
					Urban Runoff/Storm Sewers					
				Diazinon		Medium	2	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					
5	R	MUD SLOUGH	541.200							
				Boron		Low	16	Miles	0101	1211
					Agriculture					
				Electrical Conductivity		Low	16	Miles	0101	1211
					Agriculture					
				Pesticides		Low	16	Miles	0101	1211
					Agriculture					
				Selenium		High	16	Miles	0592	1200
					Agriculture					
				Unknown Toxicity		Low	16	Miles	0101	1211
					Agriculture					
5	R	NATOMAS EAST MAIN DRAIN	519.220							
				Diazinon		Medium	5	Miles	0198	1211
				The agricultural source of diazinon for these waterbodies is from aerial deposition.						
					Agriculture					
					Urban Runoff/Storm Sewers					

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